Exhibit 4:

OPERATING COSTS

OVERVIEW

In this Exhibit, the operating costs consist of the required expenditures necessary to maintain and operate ETPL's distribution system assets; the costs associated with metering, billing and collecting from its customers; the expenditures associated with ensuring the safety of all stakeholders (public, employees, etc.); and the costs to maintain the distribution business service quality and reliability standards in compliance with the Distribution System Code and other regulatory bodies (e.g., IESO, Ministry of Energy, ESA, etc.). In summary, these are the on-going costs associated with providing distribution services in alignment with customers' expectations. ETPL has focused its efforts on modernizing its distribution system, improving reliability, improving its PEG performance, and increasing its customer responsiveness all while attempting to minimize impacts to its customer base.

REQUESTED VS. EXPECTED OM&A COSTS

In order to ensure that costs have not escalated beyond an appropriate level as ETPL was filing this application the following analysis was completed. The analysis is intended to identify costs associated with incremental activities (new service offerings or new customers).

- This analysis predicted operating costs by utilizing the prior Board Approved amounts and increased them by an inflation factor and escalated by growth based upon the increase in customer counts.
- Customer growth percentages are actual changes year over year since the last COS application applied to a factor that is a conservative estimate of the incremental costs attributable to new customers (factor utilized by Powerstream in its 2014 Custom IR). These costs amount to approximately postage and consumables for delivering a monthly bill. There would be more incremental costs per customer than these but ETPL felt it appropriate to remain conservative.
- Next ETPL applied a productivity factor consistent with its PEG benchmark productivity ranking to ensure that cost pressures are minimized.
- The resulting expected OM&A figures in this analysis were then compared to the actual historical OM&A expenses and the forecasted Bridge and Test Year values. ETPL has maintained a level of spend that is consistent with the resulting expected figures and only marginally greater in the 2017 Bridge and 2018 Test years.
- It is important to note that ETPL has included $140,000 in operating costs for Cyber and Privacy Risk Mitigation that are outside of the normal spend in the Test year. Lastly, as a result of its conversion to IFRS, ETPL is spending more on its OM&A than it had historically due to required changes in its capitalization policy. Once this change is factored ETPL is clearly performing well when compared to the expected cost calculation.

Table 4-1 REQUESTED VS. EXPECTED

Expected OM&A Costs	2012	2013	2014	2015	2016	2017	2018
2012 Approved Costs	$ 5,660,594	$ 5,660,594.00	$5,749,499.66	$5,834,811.01	$5,916,602.78	$6,035,822.37	$6,131,276.02
Inflation		$ 101,890.69	$ 97,741.49	$ 93,356.98	$ 130,165.26	$ 108,644.80	$ 110,362.97
Customer Growth Costs		$ 3,996.75	$ 4,818.35	$ 5,939.23	$ 6,804.14	$ 4,916.31	$ 4,968.57
Productivity @ 0.30%		-$ 16,981.78	-$ 17,248.50	-$ 17,504.43	-$ 17,749.81	-$ 18,107.47	-$ 18,393.83
Expected OM&A Costs	$ 5,660,594	$ 5,749,499.66	$5,834,811.01	$5,916,602.78	$6,035,822.37	$6,131,276.02	$6,228,213.73
Actual OM&A Costs	$ 4,855,139	$ 5,600,729.15	$5,602,948.64	$5,792,222.79	$5,992,500.76	$6,181,909.05	$6,468,593.00
Variance	**$ 805,455**	**$ 148,771**	**$ 231,862**	**$ 124,380**	**$ 43,322**	**-$ 50,633**	**-$ 240,379**
Remove costs expensed due to IFRS		-$ 258,315	-$ 264,909	-$ 275,095	-$ 294,929	-$ 301,073	-$ 307,347
Net Difference		**$ 407,085**	**$ 496,771**	**$ 399,475**	**$ 338,251**	**$ 250,440**	**$ 66,967**

	2013	2014	2015	2016	2017	2018
Inflation	1.80%	1.70%	1.60%	2.20%	1.80%	1.80%
Customer Growth	0.62%	0.73%	0.89%	1.00%	0.71%	0.71%
Customer Growth Effect on OM&A	11.45%	11.45%	11.45%	11.45%	11.45%	11.45%
Customer Growth Adjustment fact	0.07%	0.08%	0.10%	0.12%	0.08%	0.08%

Operating Costs	2012 Board Approved	2018 Proposed Test Year	Variance from Board Approved 2012
Operations	$ 187,551	$ 116,389	-$ 71,162
Maintenance	$ 696,405	$ 296,636	-$ 399,769
Billing and Collecting	$ 987,418	$ 1,040,307	$ 52,889
Community Relations	$ 79,627	$ 40,776	-$ 38,851
Administrative and General	$ 3,709,593	$ 4,950,254	$ 1,240,661
Total	**$ 5,660,594**	**$ 6,444,362**	**$ 783,768**
Percent Change			**13.85%**

BOARD-APPROVED RECOVERABLE OM&A EXPENSES

On May 31, 2011, ETPL merged with Clinton Power Corp. (“**CPC**”) and West Perth Power (“**WPPI**”). The last Board-Approved Operating, Maintenance and Administration (“**OM&A**”) figures were established for each of these entities in the following EDR applications:

- CPC – EB-2009-0262
- WPPI – EB-2010-0121
- ETPL – EB-2012-0121 (Merged Application)

In their 2010 Cost of Service Applications CPC and WPPI were approved for $604,786 and $789,069 in OM&A respectively. That same year ETPL’s actual OM&A costs were $4,395,999 underpinned by a historical COS approved 2008 OM&A cost of $4,193,809. Total Actual Costs of the merged entity in 2012 were $5,789,854.

In 2012 ETPL filed a merged COS application EB-2012-0121 that was approved and leveraged efficiencies well in advance of the allowed timelines for driving efficiencies on MAAD’s applications at the time. In general, approved MAADs were allowed to retain these efficiencies for a period up to 5 years and ETPL harmonized and passed the efficiencies on to its customer base two years after the merger was approved. These approved costs were $5,660,594 a 2.25% reduction from 2012 actual costs. If 2010 costs were inflated until 2012, as if no merger had been completed, the reduction in OM&A costs billed to the customer is effectively a 6% reduction. These changes are detailed in the following chart.

TABLE 4-2: 2012 BOARD-APPROVED OM&A FIGURES

Description	ETPL 2008 BA Escalated	CPC 2010 BA Escalated	WPPI 2010 BA Escalated	Total Escalated 2% /Year	Total ETPL 2012 Approved	Difference/ Savings
	A	B	C	D=A+B+C	E	F=E-D
Operations	$ 225,813	$ 31,358	$ 40,913	$ 298,085	$ 282,215	-$ 15,871
Maintenance	$ 579,587	$ 80,486	$ 105,011	$ 765,084	$ 724,349	-$ 40,734
SubTotal	**$ 805,400**	**$ 111,844**	**$ 145,924**	**$ 1,063,169**	**$ 1,006,564**	**-$ 56,605**
Billing and Collecting	$ 1,065,729	$ 147,996	$ 193,091	$ 1,406,816	$ 1,331,914	-$ 74,902
Community Relations	$ 17,074	$ 2,371	$ 3,094	$ 22,539	$ 21,339	-$ 1,200
Administrative and General	$ 2,641,111	$ 366,766	$ 478,523	$ 3,486,400	$ 3,300,777	-$ 185,622
SubTotal	**$ 3,723,914**	**$ 517,133**	**$ 674,707**	**$ 4,915,754**	**$ 4,654,030**	**-$ 261,724**
Total	**$ 4,529,314**	**$ 628,977**	**$ 820,632**	**$ 5,978,923**	**$ 5,660,594**	**-$ 318,329**

2018 TEST YEAR OM&A EXPENSE SUMMARY

ETPL's 2018 Test Year OM&A expenses are $6,456,768. A summary of OM&A expenses from the 2012 Board-Approved to the 2018 Test Year is found in Table 4-3 below. ETPL adopted the accounting changes for depreciation and capitalization policies in accordance with the Board's letter dated July 17, 2012. In Table 4-2 below, ETPL has shown the impact of the expensing of overheads that were previously capitalized in order to present a normalized comparison between the years.

TABLE 4-3: SUMMARY OF OM&A EXPENSES - 2012 BOARD-APPROVED TO 2018 TEST YEAR

Expenses	Last Rebasing Year (2012 Board Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Operations	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389
Maintenance	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 291,677	$ 296,636
Billing and Collection	$ 987,418	$ 860,983	$ 1,172,874	$ 1,259,465	$ 1,111,468	$ 981,647	$ 998,335	$ 1,040,307
Community Relations	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,953	$ 25,327
Administrative and General	$ 3,789,220	$ 3,219,930	$ 3,682,598	$ 3,655,307	$ 4,210,858	$ 4,607,894	$ 4,773,813	$ 4,978,110
Total	**$ 5,660,594**	**$ 4,855,139**	**$ 5,622,815**	**$ 5,625,820**	**$ 5,792,223**	**$ 5,992,501**	**$ 6,181,909**	**$ 6,456,768**
Overhead Change Impact to OM&A			$ 258,315	$ 264,909	$ 275,095	$ 294,929	$ 301,073	$ 307,347
Total before MIFRS Overhead Impact	**$ 5,660,594**	**$ 4,855,139**	**$ 5,364,500**	**$ 5,360,911**	**$ 5,517,128**	**$ 5,697,571**	**$ 5,880,836**	**$ 6,149,422**

ETPL followed CGAAP 2012 and 2013. In 2013, the basis for accounting continued to be CGAAP, but with the inclusion of capitalization and depreciation policies that are compliant with IFRS in accordance with the Board's letter dated July 17, 2012. For 2014, 2015, 2016, and the 2017 Bridge Year and the 2018 Test Year, ETPL is reporting under Modified IFRS ("MIFRS").

Table 4-4 below provides details on changes to OM&A from ETPL's last Board-Approved Cost of Service Application in 2012 to the 2018 Test Year. For purposes of this table, the operating portion of labour related costs increases have been accumulated in "Increase in Operating Portion of Salaries, Wages and Benefits" and "Impact of IFRS Capitalized Labour on OM&A" and have been excluded from the functional activities. The final column in Table 4-4 provides, for information purposes, a cross-reference to the Core Value(s) associated with each OM&A cost category.

TABLE 4-4: 2018 TEST YEAR OM&A EXPENDITURES

Item	Last Rebasing Year (2012 Board Approved)	Core Value Reference
2012 Board-Approved OM&A	$ 5,660,594	
Increase in Operating Portion of Salaries, Wages and Benefits	$ 108,326	All
Affiliate Changes	-$ 429,932	All
Community Relations - Website, Social Media, Literacy Videos	$ 22,643	CC, MR
Customer Service - My Account Upgrades	$ 25,366	CC, MR
Impact of IFRS Capitalized Labour on OM&A	$ 307,347	All
CIS Upgrades to Meet Regulatory Requirements (Fair Hydro Plan etc.)	$ 375,503	CC
Smart Meter Maintenance, Re-Verification and Write-Off	$ 71,724	OE
Additional Engineering Software Licensing to Support OMS and SCADA	$ 44,814	SF, OE, MR
Inflation on Non-Labour Items	$ 519,791	All
Cost Savings changes	-$ 224,042	All
Other Immaterial Items	-$ 25,365	All
2018 Test Year OM&A	**$ 6,456,768**	

The OM&A costs in the 2018 Test Year reflect the resourcing mix and investments required to meet customer and broader public policy requirements. Without adequate resourcing and investment, ETPL will struggle to meet 2018 regulatory requirements and future modernization of the grid.

SALARIES, WAGES AND BENEFITS

Between 2012 and 2017, ETPL has experienced a significant increase in its OM&A workload as a result of increased demand by its customers for services. New provincial policy initiatives have been introduced over this timeframe as well, resulting in increased OM&A workloads. Some of these initiatives include new service rules for low income customers, LEAP, the new Renewed Regulatory Framework for Electricity Distributors ("**RRFE**") with its increased regulatory requirements, the introduction of Smart Meters (and the issues surrounding them with communication and failure rates), the conversion to Time-of-Use ("**TOU**") rates, renewable generator connection and settlement obligations, increased customer engagement requirements on local and provincial industry issues and the introduction of Regional Planning (which ETPL participates in 3 separate regions). ETPL has willingly embraced these initiatives and worked hard to implement them at minimal cost, without adversely impacting customer service.

Despite this increase in workload, ETPL has decreased the level of Full-Time Equivalent ("FTE") positions between its 2012 Board-Approved and the 2018 Test Year forecast by 1 FTE position. The derivation of the 2012 Board-Approved in terms of FTEs and employee costs is further described in Section 4.4.2 below.

ETPL continues to face the issue of an aging workforce. Overall, 31.8% of the ETPL workforce is 55 years of age or older and over 11% of the workforce is eligible to retire in the next five years. Within ten years 22.7% of the ETPL's workforce will be eligible to retire. ETPL hired four new Lines Apprentices between 2013 and 2014 in anticipation of upcoming retirements. The last of the Lines Apprentices will “graduate” to Lineman in 2017.

ETPL’s staffing levels remained relatively constant from 2012 to 2016 but are forecasted to decrease to 44 FTEs in 2017 and 2018, remaining lower than the 2012 Board-Approved level of 45 FTEs.

While overall employee numbers have remained stable, wage and benefit increases have been a contributing factor to increased costs. As shown in Table 4-5 below, ETPL’s unionized and non-unionized staff has received an average 2.4% increase over the 2012-2016 period. The union staff increases are within industry norms. The success of the business and operating a safe, efficient and reliable distribution system is based on the quality, expertise and dedication of staff. Staff must be fairly compensated for the work they perform recognizing the industry ETPL works in. The majority of the change in benefit costs over this period is a result of increased OMERS contribution costs. Total OMERS contributions costs have increased $123,237 or 41.5% from the 2012 Actual amount of $296,960 to the 2018 Tear Year amount of $420,197. All of the above changes contribute to the increase of $108,326 and $307,347 for a total of $415,673 in OM&A for the 2018 Test Year versus the 2012 Board-Approved relating to salaries, wages and benefits charged to OM&A programs.

TABLE 4-5: SUMMARY OF WAGE INCREASE BY YEAR

Line No.	Last Rebasing Year (2012 Board Approved)	Union %	Cumulative %	Non-Union %	Cumulative %
		A	B	C	D
1	Jan 1, 2012 Actual	3.0%	3.0%	3.0%	3.0%
2	Jan 1, 2013 Actual	2.5%	5.5%	2.5%	5.5%
3	Jan 1, 2014 Actual	2.5%	8.0%	2.5%	8.0%
4	Jan 1, 2015 Actual	2.5%	10.5%	2.5%	10.5%
5	Jan 1, 2016 Actual	2.0%	12.5%	2.0%	12.5%
6	Jan 1, 2017 Actual	2.0%	14.5%	2.0%	14.5%
7	Jan 1, 2018 Forecast	2.0%	16.5%	2.0%	16.5%

AFFILIATE CHANGES

ETPL's Affiliate costs from 2012 BA to 2018 Test Year have decreased by $429,932. The main driver for this change is a $272,000 reallocation of Affiliate revenues previously recognized as revenue that are now posted as cost offsets in OM&A. The remaining $157,000 decrease is attributed to operational restructuring and cost savings achieved by ETPL's parent company.

COMMUNITY RELATIONS

ETPL has recently undertaken a number of Customer Engagement initiatives, which have included a redesign of the Erie Thames Powerlines website; the renewed focus on social media channels on Facebook, Twitter and YouTube; and the development of a series of customer safety and education videos. The importance of electrical distributors having a strong presence both online and on social media was highlighted to ETPL after the industry's experiences during the Greater Toronto Area ice storm of 2013. These changes have resulted in a $22,643 increase in OM&A for the 2018 Test Year versus the 2012 Board-Approved.

CUSTOMER SERVICE

Since 2012, ETPL has taken on additional customer service responsibilities due to TOU billing, changes in Customer service regulations and updated Customer Information portals. The increase in OM&A for the 2018 Test Year versus the 2012 Board-Approved as a result of these changes is $25,366.

IMPACT OF IFRS CAPITALIZATION CHANGES ON OM&A

The inclusion of IFRS-compliant capitalization and depreciation policies in accordance with the Board's letter dated July 17, 2012 has resulted in increased OM&A expenses. ETPL adopted the changes effective 2013. Overheads previously capitalized are now required to be expensed, thus, OM&A costs have increased. The OM&A increase for the 2018 Test Year versus the 2012 Board-Approved relating to these changes is $307,346.

CIS Upgrades to Meet Regulatory Requirements (Fair Hydro Plan etc.)

ETPL has incurred additional software and CIS updates to meet the requirements of continuous regulatory changes in order to correctly bill customers, OESP requirements, Fair Hydro Plan requirements, HST reduction, DRC changes and OREC requirements (this cost is approximately $23,000). ETPL has also included in the 2018 test year approximately $144,000 for cost associated with meeting the requirements of the Board's Cyber Security and Risk policy that comes into force in 2018. An increase in regulatory costs of $86,000 is also included. Costs of the 2018 COS application of $63,000 which is 1/5 of the total cost to complete the application. Costs for enhanced Customer Engagement and "My Account" portal resulted in $40,000 in OM&A increased costs. ETPL also incurred increased OM&A costs to complete the consumer safety awareness surveys and customer satisfaction surveys as legislated by the OEB which cost $20,000. The total OM&A increase for the 2018 Test Year versus the 2012 Board-Approved relating to these changes is $375,503.

SMART METER MAINTENANCE AND RE-VERIFICATION

Smart Meters are more complex than traditional meters and require more specialized troubleshooting.

In the 2012 Board-Approved OM&A, there was little to no meter re-verification cost due to the relatively young age of the Smart Meters at that point in time. In 2016, ETPL commenced a staggered re-verification process due to the age of these meters and as a result, is now incurring higher maintenance costs. Also in 2017, ETPL has begun to incur additional costs due to the failure rate of smart meters that have not been fully amortized. The resulting increase in OM&A for the 2018 Test Year versus the 2012 Board-Approved as a result of these factors is $71,724.

ENGINEERING SOFTWARE LICENSING

In 2017 and 2018, ETPL will incur expenses for additional engineering software licensing as it launches OMS and SCADA systems. ETPL is committed to providing its customers with excellent reliability and response times. These additional costs will modernize ETPL's distribution system and will allow ETPL to capitalize on future smart grid developments and the modernization of the grid. ETPL has consciously added these costs in order to better serve its customer with respect to reliability, and has worked diligently to ensure that cost increases globally remain low despite these incremental costs. The increase in OM&A for the 2018 Test Year versus the 2012 Board-Approved as a result of this initiative is $44,814.

INFLATION ON NON-LABOUR ITEMS

ETPL has calculated the inflation on non-labour items based on the Board-Approved Inflation Factor for 2012-2018 as reflected in Table 4-6 below. ETPL used an inflation rate of 1.9% to forecast inflationary increases in 2018. The increase in OM&A for the 2018 Test Year versus the 2012 Board-Approved is $519,791.

TABLE 4-6: INFLATION FACTORS

Year	IPI/Estimate
2012	2.0%
2013	1.6%
2014	1.7%
2015	1.6%
2016	2.1%
2017	1.9%
2018	1.9%

COST SAVINGS CHANGES

ETPL realized cost savings changes of $224,042. These savings resulted from a decrease in rent of $35,000. A decrease in outside services of $81,000 due to a reduction in audit costs, less reliance on outside consultants on regulatory work and more efficient use of internal counsel. Lastly a reduction of $108,000 in costs were realized in 2013 after the completion of the 2012 COS rate application.

OM&A BUDGETING PROCESS

ETPL begins to prepare its annual budget plan and five year projections in the third quarter of the year for the coming years. It receives final approval from its Board of Directors in November. However, the budgetary portion of the ETPL 2018 Business Plan was completed in the summer of 2016 in support of this Application. Developing the budget is a key process as it identifies past successes, future initiatives and establishes projections for improving and maintaining capital and on-going operational costs. Every September the Executive team meet to discuss core business objectives, strengths and the future direction of the company. The Executive team look at what is taking place in today's social and economic environments in additional what is anticipated to be coming in the future. With these concepts in mind, they work towards a plan to make ETPL not only a local but a regional example of what an efficient and innovated utility looks like. From here the budget and projections are created. Care is taken to not only ensure that the capital and operating budgets support ETPL's core business objectives but that ETPL is being prudent, financially sustainable and considerate of potential rate impacts to its current and future customers.

ETPL employs the following process with respect to its budgeting process:

1. The Management Team works collectively to look at high level risks and goals including changes in revenue, changes in the economic environment, strategic initiatives from both within ETPL and the industry, cost efficiencies and performance matters that must be considered by each department. This step sets high level expectations for each department on continual cost control and efficiency improvements. Senior management is always mindful of the costs of supplying services verses the rate impact to ETPL's customers.

2. Each department manager or supervisor then develops capital and operating plans keeping these strategic issues or objectives in mind. The following directives are provided to each manager and supervisor to assist them with preparation:

- External expenses for all department budgets are built using previous year actual, current year forecast and current year budget as a starting platform. From there each third party expense is reviewed to determine whether the service is required, whether there are opportunities for cost minimization or if a service level improvement is required. When able, quotes are obtained to guarantee or confirm future costing;

- Significant variances in spending from prior years must be explained and documented;

- A review is done on each departments headcount based on required staffing levels and any need for change;

- Each department works with Finance to prepare a labour budget using projected wage and benefit costs. These costs are in part predetermined based on union negotiated rates. Overtime is based on projected need and historical comparisons with an expectation that it is closely managed to reduce costs where possible. Salaries, overtime and payroll burden are distributed over accounts based on historical and forecasted allocations;

- Vehicle costs are forecasted and an hourly rate is determined based on the estimated run time per truck, per working day in the fiscal year. Costs are then distributed over operations, recoverable and capital based on total labour hours budgeted;

- Overhead rates are calculated for the Stores department and applied to the applicable departments in both operating and capital. Overhead rates for Stores are based on material issued, items purchased and contracted services for each functional area.

3. The Finance department then completes an initial consolidation of all departments to develop a draft budget. Finance works with each department to identify variances and issues for consideration.

4. Senior management reviews the draft budget and makes changes and suggestions to balance cost control while still achieving core objectives. In an effort to contain costs, explore efficiencies and still provide an acceptable level of reliability and customer service, the team looks in detail for discretionary costs to identify cost areas that can be delayed or addressed with alternative approaches. These suggestions and changes are then communicated back to the various departments to work into their budgets. At this point steps two to four are repeated. This process results in OM&A costs with a high degree of assurance that ETPL will be able to continue to serve its customers in a safe and reliable manner.

5. Senior management makes a submission to the Board of Directors on the proposed budget and formal approval is requested.

SUMMARY OF RECOVERABLE OM&A EXPENSES

ETPL follows the OEB's Accounting Procedures Handbook ("APH") in distinguishing work performed between operations and maintenance. A summary of ETPL's OM&A expenses, for the 2012 Board-Approved , 2012 to 2016 Actual, 2017 Bridge Year and 2018 Test Year is provided in Table 4-7 below, which is consistent with the Board's Appendix 2-JA. A copy of the Board's Appendix 2-JA is also included as Attachment 4A in this Exhibit. ETPL is proposing to recover the 2018 Test Year costs through distribution rates for the 2018 Test Year.

TABLE 4-7: SUMMARY OF RECOVERABLE OM&A EXPENSES

Summary of Recoverable OM&A Expenses

	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis								
Operations	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389
Maintenance	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 363,401	$ 368,360
SubTotal	**$ 883,956**	**$ 755,515**	**$ 745,257**	**$ 688,177**	**$ 448,729**	**$ 378,376**	**$ 456,532**	**$ 484,749**
%Change (year over year)					-40.6%	-15.7%	20.7%	6.2%
%Change (Test Year vs Last Rebasing Year - Actual)								-35.8%
Billing and Collecting	$ 987,418	$ 843,945	$ 1,172,874	$ 1,259,465	$ 1,123,052	$ 993,572	$ 1,010,498	$ 1,052,714
Community Relations	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953
Administrative and General	$ 3,789,220	$ 3,236,967	$ 3,660,512	$ 3,632,436	$ 4,199,274	$ 4,595,970	$ 4,690,294	$ 4,894,354
SubTotal	**$ 4,776,638**	**$ 4,099,623**	**$ 4,855,472**	**$ 4,914,772**	**$ 5,343,494**	**$ 5,614,126**	**$ 5,725,376**	**$ 5,972,021**
%Change (year over year)					30.3%	5.1%	2.0%	4.3%
%Change (Test Year vs Last Rebasing Year - Actual)								45.7%
Total	**$ 5,660,594**	**$ 4,855,138**	**$ 5,600,729**	**$ 5,602,949**	**$ 5,792,223**	**$ 5,992,501**	**$ 6,181,908**	**$ 6,456,769**
%Change (year over year)					19.3%	3.5%	3.2%	4.4%

	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Operations	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389
Maintenance	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 363,401	$ 368,360
Billing and Collecting	$ 987,418	$ 843,945	$ 1,172,874	$ 1,259,465	$ 1,123,052	$ 993,572	$ 1,010,498	$ 1,052,714
Community Relations	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953
Administrative and General	$ 3,789,220	$ 3,236,967	$ 3,682,598	$ 3,655,307	$ 4,199,274	$ 4,595,970	$ 4,690,294	$ 4,894,354
Total	**$ 5,660,594**	**$ 4,855,138**	**$ 5,622,815**	**$ 5,625,820**	**$ 5,792,223**	**$ 5,992,501**	**$ 6,181,908**	**$ 6,456,769**
%Change (year over year)					19.3%	3.5%	3.2%	4.4%

	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	Variance 2012 Board-approved – 2012 Actuals	2013 Actuals	Variance 2013 Actuals vs. 2012 Actuals	2014 Actuals	Variance 2014 Actuals vs. 2013 Actuals	2015 Actuals	Variance 2015 Actuals vs. 2014 Actuals	2016 Actuals	Variance 2016 Actuals vs. 2015 Actuals	2017 Bridge Year	Variance 2017 Bridge vs. 2016 Actuals	2018 Test Year	Variance 2018 Test vs. 2017 Bridge
Operations	$ 187,551	$ 160,299	$ 27,251	$ 100,096	-$ 60,203	$ 110,018	$ 9,922	$ 128,569	$ 18,552	$ 91,574	-$ 36,995	$ 93,131	$ 1,557	$ 116,389	$ 23,258
Maintenance	$ 696,405	$ 595,216	$ 101,189	$ 645,161	$ 49,945	$ 578,159	-$ 67,001	$ 320,160	-$ 257,999	$ 286,802	-$ 33,358	$ 363,401	$ 76,600	$ 368,360	$ 4,959
Billing and Collecting	$ 987,418	$ 843,945	$ 143,473	$ 1,172,874	$ 328,930	$ 1,259,465	$ 86,591	$ 1,123,052	-$ 136,413	$ 993,572	-$ 129,479	$ 1,010,498	$ 16,926	$ 1,052,714	$ 42,216
Community Relations	$ -	$ 18,711	-$ 18,711	$ 22,086	$ 3,375	$ 22,871	$ 785	$ 21,168	-$ 1,703	$ 24,584	$ 3,416	$ 24,584	$ -	$ 24,953	$ 369
Administrative and General	$ 3,789,220	$ 3,236,967	$ 552,253	$ 3,682,598	$ 445,631	$ 3,655,307	-$ 27,292	$ 4,199,274	$ 543,968	$ 4,595,970	$ 396,696	$ 4,690,294	$ 94,324	$ 4,894,354	$ 204,060
Total OM&A Expenses	$ 5,660,594	$ 4,855,138	$ 805,456	$ 5,622,815	$ 767,677	$ 5,625,820	$ 3,004	$ 5,792,223	$ 166,403	$ 5,992,501	$ 200,278	$ 6,181,908	$ 189,407	$ 6,456,769	$ 274,861
Adjustments for Total non-recoverable items (from Appendices 2-JA and 2-JB)															
Total Recoverable OM&A Expenses	$ 5,660,594	$ 4,855,138	$ 805,456	$ 5,600,729	$ 767,677	$ 5,602,949	$ 3,004	$ 5,792,223	$ 166,403	$ 5,992,501	$ 200,278	$ 6,181,908	$ 189,407	$ 6,456,769	$ 274,861
Variance from previous year				$ 745,591		$ 2,219		$ 189,274		$ 200,278		$ 189,407		$ 274,861	
Percent change (year over year)				15%		0%		3%		3%		3%		4%	
Percent Change: Test year vs. Most Current Actual										7.75%					
Simple average of % variance for all years										32.99%					4%
Compound Annual Growth Rate for all years															5.9%
Compound Growth Rate (2016 Actuals vs. 2012 Actuals)										7.27%					

COST DRIVER TABLES

Table 4-8 below, which is consistent with the Board's Appendix 2-JB, provides a list of the cost drivers that affected year over year OM&A spending or, where the cost driver is common or recurring, expenditures that have impacted multiple years. A copy of the Board's Appendix 2-JB can also be found as Attachment 4B in this Exhibit.

TABLE 4-8: COST DRIVER TABLE

OM&A	Last Rebasing Year (2012 Actuals)	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis						
Opening Balance	$ 5,660,594	$ 5,600,729	$ 5,602,949	$ 5,792,223	$ 5,992,501	$ 6,181,909
Affiliate Revenue Cost Offset	-$ 272,487					
Increase in recovery from Affiliate One Time Project	-$ 53,578					
Decrease in Labour for one FTE	-$ 75,470	-$ 100,346				
Increase in Operating Costs for Capitalization Policy Change	$ 258,315	$ 6,594	$ 10,186	$ 19,835	$ 6,144	$ 6,273
Inflation	$ 83,355	$ 73,329	$ 89,612	$ 89,647	$ 92,676	$ 91,174
Change in Labour Costs	$ 52,549	$ 91,829	$ 158,661	$ 3,514	-$ 174,502	$ 44,536
Change in Benefit Costs	$ 55,451	$ 24,213	$ 38,734	$ 21,204	-$ 43,030	$ 10,982
Decrease in Consulting Costs COS application ended	-$ 108,000					
Decrease in Rent		-$ 34,337				
Decrease in Outside Services		-$ 81,705				
Increase for Website		$ 22,643				
Increase for Scada			$ 22,402			
Increase In Affiliate Costs						$ 66,634
Decrease In Affiliate Costs			-$ 15,825	-$ 86,822	-$ 60,445	
Correction for Revenue from Affiliate			-$ 114,496			
Increase for OMS				$ 22,412		
Increase in Outside Services				$ 107,088		
Increase for ESA Survey 2015 and Customer Survey 2016				$ 12,000		
Increase for Regulatory costs ESA				$ 11,400		
Increase in Regulatory Costs OEB Cost Assessment					$ 86,640	
Increase for Meter Maintenance and disposals					$ 71,724	
Increase to meet regulatory changes in CIS					$ 27,868	
Increase for Customer engagement and My Account Portal					$ 38,672	
Costs for preparation of DSP and Cost Service					$ 143,662	-$ 143,662
Cost of Service Application Expenses One Time						$ 63,422
Increase for Cyber Security and Risk Costs						$ 135,500
Closing Balance[2]	$ 5,600,729	$ 5,602,949	$ 5,792,223	$ 5,992,501	$ 6,181,909	$ 6,456,768

The following are annual explanations of the primary drivers that have influenced the increase in ETPL's OM&A expenditures since 2012 Board Approved, the date of the last Cost of Service Application, up to and including the 2018 Test Year. Each driver is summarized by its net change year over year. ETPL has provided comments on those variances greater than its materiality level of $55,000. ETPL's Board Approved began in 2013 and therefore this analysis begins in 2013 onward.

2012 Board approved to 2013 Actual

In 2013 ETPL began implementing its IFRS capitalization policy. At that time costs for staff not directly involved in capital projects were included in the capitalized amount these costs that were no longer allowed became operating expenses for ETPL in 2013 this amount increased expenses by $258,000. These costs end up being offset by revenues from Affiliates to perform billing services for third parties that were approved as revenue offsets in the 2012 application. ETPL moved these amounts from revenue to offset incremental costs embedded in ETPL that had been negatively impacting ETPL in benchmarking. ETPL had several other reductions in 2013, a decrease in employees, a revenue for affiliate services for MSP business that was one time and temporary, and a reduction in consulting fees due to the end of ETPL's COS application in early 2013. Inflation of $83,000 on expenses and changes in labour costs and benefits, complete the movement in expenses during this time.

2013 Actual to 2014 Actual

In 2014 net changes in OM&A was $2,000 as ETPL was effective in controlling its' costs year over year. Increases due to inflation were offset by savings in audit costs and consulting fees.

2014 Actual to 2015 Actual

In 2015 net changes in OM&A saw an increase by $189,000. In 2015 ETPL had an increase in labour costs which were offset by increases in revenues from ETPL's affiliate who added and increase in customers. The remaining changes were related to inflation and COLA increase for employees.

2015 Actual to 2016 Actual

In 2016 ETPL saw an increase in OM&A costs of $200,000. The main driver of the increase occurred in outside services. ETPL hired a consultant to take on day to day Engineering work to free up an Engineering employee to work on ETPL's DSP. The remainder of the OM&A increase was due to inflation.

2016 Actual to 2017 Bridge Year

The 2017 Bridge Year OM&A is estimated to be an increase of $189,000. The main drivers of the increase in OM&A in 2017 is related to DSP and Cost of Service expenses of $144,000, increase in regulatory costs of $86,000, increase in metering costs of $71,000, increase of $60,000 in customer billing and portal expenses and inflation of $92,000. All of this is offset in a decrease in labour and affiliate costs of $278,000.

2017 Bridge Year to 2018 Test Year

The 2018 Test year has an increase in OM&A projected of $275,000. The increased projections are primarily driven by an additional $136,000 in cyber security and risk costs to meet the OEB mandated requirements as detailed in the Cyber Security Framework EB-2016-0032. Increases of $122,000 are projected in labour and affiliate costs and $91,000 of inflation costs are the remaining main drivers in the increased OM&A. Also included is $63,000 expense for one-time costs for the completion of ETPL's 2018 COS application recovery over 5 years. All of this is offset by $146,000 costs for the DSP and COS application expensed in 2017.

OM&A COST PER CUSTOMER AND FULL-TIME EQUIVALENT

Provided below in Table 4-9 is a summary of the OM&A cost per customer and per full-time equivalent ("FTE"). This table is consistent with the Board's Appendix 2-L, which is included as Attachment 4C in this Exhibit. The FTE figures agree to those shown in Table 4-14. The number of customers is based on an annual average for each rate class.

TABLE 4-9: RECOVERABLE OM&A COST PER CUSTOMER AND PER FTE

Expenses	Last Rebasing Year (2012 Board Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
2012 Board-Approved OM&A	CGAAP	CGAAP	Revised CGAAP	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS
Number of Customers	18,934	18,784	18,900	19,038	19,208	19,401	19,539	19,677
Total Recoverable OM&A	$ 5,660,594	$ 4,855,139	$ 5,600,729	$ 5,602,949	$ 5,792,223	$ 5,992,501	$ 6,181,909	$ 6,456,768
OM&A cost per customer	$ 298.96	$ 258.47	$ 296.33	$ 294.30	$ 301.56	$ 308.88	$ 316.39	$ 328.14
Number of FTEs	45	44	45	45	45	46	44	44
Customers/FTEs	421	427	420	423	427	422	444	447
OM&A Cost per FTE	$ 125,791	$ 110,344	$ 124,461	$ 124,510	$ 128,716	$ 130,272	$ 140,498	$ 146,745

PROGRAM DELIVERY COSTS

OVERVIEW

ETPL has a variety of programs, activities and initiatives that are imperative to continue to provide safe, reliable and affordable service to customers. In Table 4-10 below, which is consistent with the Board's Appendix 2-JC, ETPL has identified its programs and major functions on a comparative basis from 2012 Board-Approved to the 2018 Test Year. A copy of the Board's Appendix 2-JC can also be found as Attachment 4D to this Exhibit. These programs contribute to achieving the new Renewed Regulatory Framework performance outcomes of Customer Focus, Operational Effectiveness, and Public Policy Responsiveness. This shows the alignment of ETPL's direct costs and the management of the costs associated with the outcomes. An analysis is provided below on all material variances that exceed the materiality threshold for the 2018 Test Year versus 2014 Actuals and 2018 Test Year versus 2012 Board-Approved amounts.

TABLE 4-10: OM&A PROGRAMS TABLE

OM&A Programs Table

Programs	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year	Variance (Test Year vs. 2016 Actuals)	Variance (Test Year vs. Last Rebasing Year (2012 Board-Approved)
Reporting Basis	CGAAP	CGAAP	CGAAP	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS		
Administration										
Administration										
General Building Expenses	$ 465,767	$ 398,090	$ 426,218	$ 414,871	$ 935,689	$ 991,532	$ 1,045,099	$ 1,046,555	$ 55,024	$ 580,789
Salaries and Expenses	$ 1,664,032	$ 1,422,246	$ 2,144,410	$ 2,468,032	$ 2,537,681	$ 2,654,946	$ 2,834,411	$ 2,838,361	$ 183,415	$ 1,174,329
Insurance	$ 39,383	$ 33,661	$ 26,189	$ 28,128	$ 25,072	$ 28,197	$ 28,004	$ 28,043	-$ 154	-$ 11,340
Office Expenses	$ 140,191	$ 119,821	$ 74,087	$ 94,765	$ 69,782	$ 139,937	$ 77,942	$ 78,050	-$ 61,887	-$ 62,140
Audit, Legal and Consulting	$ 549,671	$ 469,803	$ 255,695	$ 126,797	$ 208,259	$ 315,346	$ 232,610	$ 232,934	-$ 82,412	-$ 316,736
Regulatory Affairs	$ 79,282	$ 67,762	$ 132,664	$ 59,337	$ 78,601	$ 71,081	$ 87,792	$ 285,561	$ 214,480	$ 206,279
Administrative & Human Resource Expenses	$ 583,417	$ 496,972	$ 382,108	$ 211,829	$ 116,215	$ 156,404	$ 129,804	$ 129,943	-$ 26,461	-$ 453,474
Rent	$ 267,478	$ 228,613	$ 219,141	$ 228,677	$ 227,975	$ 238,525	$ 254,632	$ 254,905	$ 16,380	-$ 12,573
										$ -
Sub-Total	$ 3,789,220	$ 3,236,967	$ 3,660,512	$ 3,632,436	$ 4,199,274	$ 4,595,970	$ 4,690,294	$ 4,894,354	$ 298,384	$ 1,105,134
Community Relations									$ -	$ -
Community Relations	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953	$ 369	$ 24,953
Sub-Total	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953	$ 369	$ 24,953
Customer Service									$ -	$ -
Bad Debt	$ 31,927	$ 27,288	$ 112,465	$ 22,618	$ 87,793	$ 26,204	$ 53,700	$ 63,538	$ 37,333	$ 31,610
Customer Service & Billings	$ 840,788	$ 718,620	$ 866,160	$ 1,036,487	$ 840,662	$ 799,615	$ 769,310	$ 781,782	-$ 17,833	-$ 59,006
Customer Collections	$ 114,702	$ 98,036	$ 181,768	$ 188,435	$ 183,012	$ 155,828	$ 175,325	$ 194,987	$ 39,159	$ 80,284
Sub-Total	$ 987,418	$ 843,945	$ 1,160,394	$ 1,247,540	$ 1,111,468	$ 981,647	$ 998,335	$ 1,040,307	$ 58,660	$ 52,889
Maintenance									$ -	$ -
Meter Maintenance	$ 134,099	$ 114,614	$ 158,893	$ 36,736	$ 133,664	$ 47,531	$ 90,257	$ 120,885	$ 73,354	-$ 13,214
Overhead / Underground Maintenance	$ 354,099	$ 302,648	$ 340,633	$ 391,353	-$ 45,194	$ 144,374	$ 197,435	$ 149,324	$ 4,950	-$ 204,775
Station Maintenance	$ 49,912	$ 42,660	$ 28,582	$ 26,688	$ 53,287	$ 10,735	$ 13,464	$ 11,103	$ 368	-$ 38,809
Vegetation Control	$ 103,461	$ 88,428	$ 83,304	$ 83,105	$ 136,952	$ 71,794	$ 41,926	$ 74,256	$ 2,462	-$ 29,205
Transformer Maintenance	$ 54,834	$ 46,867	$ 33,749	$ 40,278	$ 41,450	$ 12,368	$ 20,320	$ 12,792	$ 424	-$ 42,042
Sub-Total	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 363,401	$ 368,360	$ 81,558	-$ 328,045
Operations										
Operations Supervision and Engineering	$ 67,469	$ 57,666	$ 43,166	$ 40,365	$ 42,370	$ -	$ 30,691	$ 38,356	$ 7,665	-$ 29,113
Miscellaneous Operation	$ 120,082	$ 102,634	$ 56,930	$ 69,653	$ 86,199	$ 91,574	$ 62,439	$ 78,033	-$ 13,541	-$ 42,049
Sub-Total	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389	-$ 5,876	-$ 71,162
Miscellaneous			**$ 12,480**	**$ 11,925**	**$ 11,584**	**$ 11,925**	**$ 12,163**	**$ 12,407**	**$ 482**	**$ 12,407**
Total	**$ 5,660,594**	**$ 4,855,138**	**$ 5,600,729**	**$ 5,602,949**	**$ 5,792,223**	**$ 5,992,501**	**$ 6,181,908**	**$ 6,456,769**	**$ 433,577**	**$ 796,175**

MATERIALITY THRESHOLD

In accordance with Chapter 2 Filing Requirements, an applicant must provide justification for changes from year to year to its rate base, capital expenditures and OM&A spending above a materiality threshold. ETPL's materiality threshold is calculated as .5% of proposed distribution revenue requirements for distributors with a revenue requirement of greater than $10 million and less than or equal to $200 million. As such, ETPL has selected a threshold of $55,000 for variance analysis.

PROGRAM DELIVERY VARIANCE ANALYSIS

Administration

ETPL's Administration OM&A has increased from 2012 BA to 2018 Test Year by $1,105,000. Increases to General Building, Admin and HR Expense and Salaries and Wages of $1,300,000 is a result of labour increases do to COLA and staffing level changes detailed below and increases to benefit costs of approximately 4% per annum due to increases in OMERS and other benefits. These increases only account for $750,000 of the increase, the remaining increase is related to accounting changes that saw ETPL begin to move burden recovered figures over to operations and maintenance beginning in 2013, this change resulted in approximately $243,000 in credits being allocated to O&M in the test year. The rationale for this change was to be able to track actual costs for benefit expenses and other wage related costs within the GL in order to offset the direct burden credits flowing through the P&L as a result of the capitalization of labour. ETPL recognizes that this approach have shifted costs heavily towards administration and away from O&M and is in the process of determining how it will proceed going forward. Lastly when ETPL changed its capitalization policy and incremental $307,000 in costs historical capitalized have been expensed as administration costs.

The offset decrease in Administration OM&A expenses is $224,000 in outside audit and legal counsel is due to the fact that one time and COS costs for 2012 were embedded in Audit and Legal while in 2018 these costs have been included in Regulatory affairs as detailed below in 4.7 of this exhibit. The changes in these two line items are almost equal and offsetting and include $140,000 of incremental costs to meet the requirements of the new Privacy and Cyber Security rules.

Customer Service

In total ETPL expects its customer service costs to increase by $52,889 over 2012 Board Approved amounts. This change is due to increased pressure on bad debt in recent years due to escalating electricity costs and more of a focus being placed upon the collection process in order to minimize the impact of bad debt. These changes coupled with the recognition of revenues and increased discussed in the cost driver section of this exhibit result in customer service costs remaining relatively flat since 2012 despite the increase complexity and numerous changes within this segment of the operation.

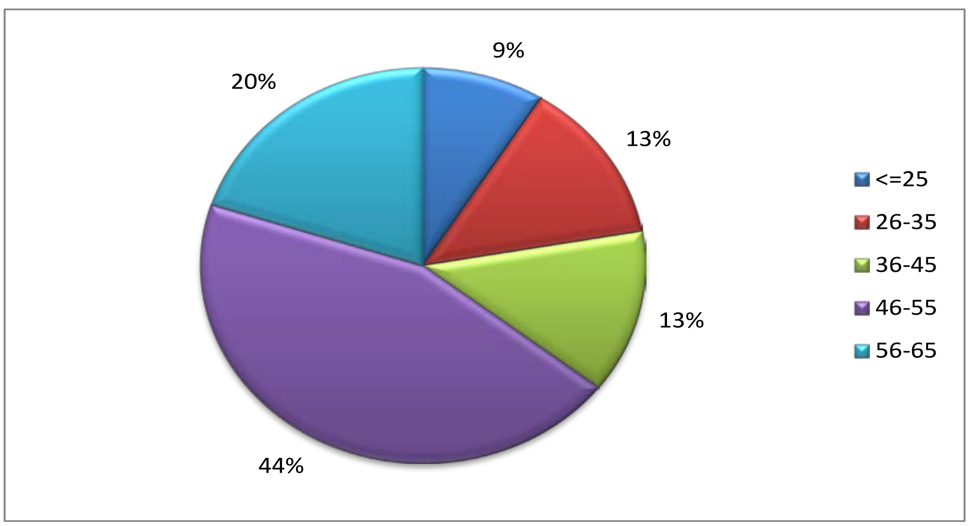
Maintenance

Maintenance costs have increased by $80,000 since 2016 and due solely to the increased costs impacting ETPL with respect to smart metering. ETPL has deployed its smart meters and has run into issues with respect to the longevity of the display on the Elster product, in order to offset these challenges ETPL has been forced to include incremental maintenance costs of $70,000 to alleviate this issue. The change in Maintenance vs. 2012 Test is a reduction of $328,000 and has been discussed as part of the Administration section above.

OVERVIEW

ETPL'S overall compensation philosophy for all employees is designed to be competitive and equitable in order to attract and retain qualified personnel in an industry that is facing an aging workforce and is very competitive for skilled resources. The average age of ETPL's employees is approximately 47, and is shown in Chart 4-1 below in terms of age distribution. The continuing challenge for ETPL is to bridge the gap in maintaining sufficient talent to meet the current needs of the business while, at the same time, conducting sufficient succession planning for the future. The ETPL compensation package includes a base wage along with a benefits package including a defined benefit pension plan. ETPL's workforce is comprised of both unionized and non-unionized management employees.

CHART 4-1: ETPL EMPLOYEE AGE DISTRIBUTION



UNIONIZED EMPLOYEES

Approximately 70% of ETPL's workforce is unionized. The compensation for unionized employees is negotiated through the collective bargaining process and includes both office and trade workers.

Unionized employees are represented by the Power Worker's Union ("PWU"), Canadian Union of Public Employees Local 1,000-CLC.

ETPL's collective agreements provide for annual payroll increases and employee step progressions. Labour rates and benefits are adjusted based on negotiated percentages as per the collective agreement effective January 1st, 2016 to December 31st, 2018 (a copy of the collective agreement is provided as Attachment 4E in this Exhibit). The commencement and expiry dates of ETPL's current wage increases are detailed within schedule A of the collective agreement are shown in Table 4-11 below:

TABLE 4-11: THE ETPL COLLECTIVE AGREEMENTS

Classification	Percentage	2015	2016	2017	2018
Outside					
Crew Foreman - Lines	110	$ 42.06	$ 42.90	$ 43.76	$ 44.64
Sub-Foreman - Lines	105	$ 40.15	$ 40.95	$ 41.77	$ 42.61
Lineman	100	$ 38.24	$ 39.00	$ 39.78	$ 40.58
	90	$ 34.42	$ 35.10	$ 35.80	$ 36.52
	80	$ 30.59	$ 31.20	$ 31.82	$ 32.46
	70	$ 26.77	$ 27.30	$ 27.85	$ 28.41
	60	$ 22.94	$ 23.40	$ 23.87	$ 24.35
Utility Operations Field Technician	100	$ 38.24	$ 39.00	$ 39.78	$ 40.58
	90	$ 34.42	$ 35.10	$ 35.80	$ 36.52
	80	$ 30.59	$ 31.20	$ 31.82	$ 32.46
	70	$ 26.77	$ 27.30	$ 27.85	$ 28.41
	60	$ 22.94	$ 23.40	$ 23.87	$ 24.35
Sub-Foreman - Meter	105	$ 36.35	$ 37.08	$ 37.82	$ 38.58
Meter Technician	100	$ 34.62	$ 35.31	$ 36.02	$ 36.74
	95	$ 32.89	$ 33.54	$ 34.22	$ 34.90
	90	$ 31.16	$ 31.78	$ 32.42	$ 33.07
	85	$ 29.43	$ 30.01	$ 30.62	$ 31.23
	75	$ 25.97	$ 26.48	$ 27.02	$ 27.56
	70	$ 24.24	$ 24.72	$ 25.21	$ 25.72

Classification	Percentage	2015	2016	2017	2018
Outside					
Electrical Engineering Technologist	100	$ 39.46	$ 40.25	$ 41.06	$ 41.88
	95	$ 37.48	$ 38.24	$ 39.01	$ 39.79
	90	$ 35.51	$ 36.23	$ 36.95	$ 37.69
	85	$ 33.54	$ 34.21	$ 34.90	$ 35.60
	75	$ 29.59	$ 30.19	$ 30.80	$ 31.41
	70	$ 27.62	$ 28.18	$ 28.74	$ 29.32
Design Technician	100	$ 34.62	$ 35.31	$ 36.02	$ 36.74
	95	$ 32.89	$ 33.54	$ 34.22	$ 34.90
	90	$ 31.16	$ 31.78	$ 32.42	$ 33.07
	85	$ 29.43	$ 30.01	$ 30.62	$ 31.23
	75	$ 25.97	$ 26.48	$ 27.02	$ 27.56
	70	$ 24.24	$ 24.72	$ 25.21	$ 25.72
GIS/CAD Technician	100	$ 33.00	$ 33.66	$ 34.33	$ 35.02
	95	$ 31.35	$ 31.98	$ 32.61	$ 33.27
	90	$ 29.70	$ 30.29	$ 30.90	$ 31.52
	85	$ 28.05	$ 28.61	$ 29.18	$ 29.77
	75	$ 24.75	$ 25.25	$ 25.75	$ 26.27
	70	$ 23.10	$ 23.56	$ 24.03	$ 24.51
Inventory Control	100	$ 30.67	$ 31.28	$ 31.91	$ 32.55
	95	$ 29.14	$ 29.72	$ 30.31	$ 30.92
	90	$ 27.60	$ 28.15	$ 28.72	$ 29.30
	80	$ 24.54	$ 25.02	$ 25.53	$ 26.04
	75	$ 23.00	$ 23.46	$ 23.93	$ 24.41
Team Lead Field Services	105	$ 32.68	$ 33.33	$ 33.99	$ 34.67
Field Services Representative	100	$ 31.12	$ 31.74	$ 32.37	$ 33.02
	95	$ 29.57	$ 30.15	$ 30.75	$ 31.37
	90	$ 28.01	$ 28.57	$ 29.13	$ 29.72
	80	$ 24.90	$ 25.39	$ 25.90	$ 26.42
	75	$ 23.34	$ 23.81	$ 24.28	$ 24.77

Classification	Percentage	2015	2016	2017	2018
Outside					
Backhoe Operator	100	$ 30.08	$ 30.68	$ 31.29	$ 31.92
	95	$ 28.57	$ 29.15	$ 29.73	$ 30.32
	90	$ 27.07	$ 27.61	$ 28.16	$ 28.73
	85	$ 25.57	$ 26.08	$ 26.60	$ 27.13
General Labourer	100	$ 23.70	$ 24.17	$ 24.65	$ 25.14
	95	$ 22.52	$ 22.96	$ 23.42	$ 23.88
	90	$ 21.33	$ 21.75	$ 22.19	$ 22.63
	85	$ 20.15	$ 20.54	$ 20.95	$ 21.37
Inside					
Accounting Clerk	100	$ 28.88	$ 29.46	$ 30.05	$ 30.65
	95	$ 27.44	$ 27.99	$ 28.55	$ 29.12
	90	$ 25.99	$ 26.51	$ 27.05	$ 27.59
	85	$ 24.55	$ 25.04	$ 25.54	$ 26.05
	80	$ 23.11	$ 23.57	$ 24.04	$ 24.52
Receptionist/Accounting Support	100	$ 23.70	$ 24.17	$ 24.65	$ 25.14
	95	$ 22.52	$ 22.96	$ 23.42	$ 23.88
	90	$ 21.33	$ 21.75	$ 22.19	$ 22.63
	85	$ 20.15	$ 20.54	$ 20.95	$ 21.37
IS Generalist	100	$ 32.21	$ 32.85	$ 33.51	$ 34.18
	95	$ 30.60	$ 31.21	$ 31.83	$ 32.47
	90	$ 28.99	$ 29.57	$ 30.16	$ 30.76
	85	$ 27.38	$ 27.92	$ 28.48	$ 29.05
	80	$ 25.77	$ 26.28	$ 26.81	$ 27.34
Regulatory Clerk	100	$ 32.21	$ 32.85	$ 33.51	$ 34.18
	95	$ 30.60	$ 31.21	$ 31.83	$ 32.47
	90	$ 28.99	$ 29.57	$ 30.16	$ 30.76
	85	$ 27.38	$ 27.92	$ 28.48	$ 29.05
	80	$ 25.77	$ 26.28	$ 26.81	$ 27.34

Classification	Percentage	2015	2016	2017	2018
Team Lead - Collections & Payments		$ 31.12	$ 31.74	$ 32.37	$ 33.02
Collections Clerk	100	$ 28.88	$ 29.46	$ 30.05	$ 30.65
	95	$ 27.44	$ 27.99	$ 28.55	$ 29.12
	90	$ 25.99	$ 26.51	$ 27.05	$ 27.59
	85	$ 24.55	$ 25.04	$ 25.54	$ 26.05
	80	$ 23.11	$ 23.57	$ 24.04	$ 24.52
Team Lead - Billing		$ 31.12	$ 31.74	$ 32.37	$ 33.02
Billing Clerk	100	$ 28.88	$ 29.46	$ 30.05	$ 30.65
	95	$ 27.44	$ 27.99	$ 28.55	$ 29.12
	90	$ 25.99	$ 26.51	$ 27.05	$ 27.59
	85	$ 24.55	$ 25.04	$ 25.54	$ 26.05
	80	$ 23.11	$ 23.57	$ 24.04	$ 24.52
Office Clerk	100	$ 25.37	$ 25.88	$ 26.40	$ 26.93
	95	$ 24.10	$ 24.59	$ 25.08	$ 25.58
	90	$ 22.83	$ 23.29	$ 23.76	$ 24.24
	85	$ 21.57	$ 22.00	$ 22.44	$ 22.89
Engineering & Ops Clerk	100	$ 28.88	$ 29.46	$ 30.05	$ 30.65
	95	$ 27.44	$ 27.99	$ 28.55	$ 29.12
	90	$ 25.99	$ 26.51	$ 27.05	$ 27.59
	85	$ 24.55	$ 25.04	$ 25.54	$ 26.05
	80	$ 23.11	$ 23.57	$ 24.04	$ 24.52

The wage increases shown in the table above for the bargaining unit are applicable to each year of the contract. Each job classification in the ETPL collective bargaining agreements has a basic job description and wage rate progression scale that increases from a base rate to a maximum rate.

In preparing for the negotiation of the collective bargaining agreements described above, ETPL studied available information on Southwestern Ontario electrical distribution contracts from the 2013-2015 period. Based on this information, the ETPL wage increases (as shown above) continue to align ETPL union wage rates with other like-sized LDCs in the Southwestern Ontario region.

EXECUTIVE

Erie Thames Power currently employs no executive staff, its executive functions and oversight are provided by its parent corporation ERTH Corporation on an allocated basis. This allocation will be discussed later within affiliate transactions.

MANAGEMENT & NON-UNION EMPLOYEES

Prior to 2014, ETPL utilized no official system for management and non-union compensation. During this time pay grades were negotiated initially utilizing the appropriate pay grades from the Mearie Annual analysis and then they received annual increases that were always equivalent to the negotiated union contract percentage.

In 2014, ETPL engaged an external human resources consultant, Levack Management Consulting, to assist with the implementation of the Hay Evaluation Plan for job evaluation. A committee of management and non-union employees was tasked with the update and evaluation of job descriptions based on the Hay Plan. ETPL utilized the Hay Plan to place jobs in eight separate pay bands, in order to ensure internal equity and pay equity. Industry pay market data known to the consultant was used to establish the job rate for each band. The new system was implemented commencing in 2014.

The Hay Plan is an industry standard job evaluation system used to develop and maintain pay structures by comparing similarities and differences in the content and value of jobs. The system establishes pay differentials between jobs, establishes fair and equitable compensation programs, identifies and eliminates wage inequities and establishes a sound foundation for consistent pay administration. The Hay evaluation process includes a job analysis, job descriptions, job evaluation and job structure for ordering of jobs based on their relative value or content.

Job evaluation factors include know how, problem solving, accountability and working conditions. Within each factor are a number of sub factors each with a defined number of points available. The points are assessed and totaled for each job and the Hay system divides the total range of points into an appropriate number of grades. The external consultant assigns pay rates to each of the grades based on their experience and compensation from similar sized businesses in the LDC sector. Each grade level includes a minimum, midpoint (“job rate”) and maximum pay level. Annual progression is based on performance, merit and contribution to goals/objectives. Progression is not automatic, rather is performance based. The structure is updated annually with salary increases based upon the market. Generally there is control around the job rate.

Since ETPL’s implementation of the Hay Plan, the duties of some management and non-union positions have evolved and changed. Accordingly, ETPL’s Human Resource consultant (Levack Management Consulting) oversees the periodic update of job descriptions, after which the job descriptions are re-evaluated by the external consultant using the Hay Plan. Pay bands, job rates and employee compensation ratios are also reviewed on an annual basis.

Typically, the management and non-union job rate by pay band is increased annually at a percentage that is lesser than, or equal to, the most recent union collective agreement rate increase. Based on the annual performance evaluations, a subset of higher performers typically receive the job rate increase plus 0.5%, while a subset of lower performers typically receive the job rate increase less 0.5%. Pay progression may also be withheld as needed to reflect performance that is below acceptable levels.

No additional costs have been added to this Application with regard to internal equity. Management and non-union staff receive progressions in January. Management progressions are discretionary and based upon ETPL performance and the individual employee's annual performance evaluation results. ETPL does not pay its Management and non-union staff bonuses.

PAY EQUITY

ETPL is required by law to comply with the Ontario Pay Equity Act. The ETPL Pay Equity Plan was initially established in 2001 (by the former ETPL), and was further updated in 2009 subsequent to the acquisition of WPPI, CPC. Most recently, the ETPL Pay Equity Plan was updated again in December 2015. Based on this update, and anticipated ongoing plan maintenance, no pay equity issues are anticipated in 2017 or 2018. Accordingly, no additional costs for pay equity have been added in this Application.

BENEFITS

The employee benefit plans are designed to address the health and welfare of ETPL's employees. There are separate benefit plans for the PWU employees and Non-Union employees. The PWU benefit plans are subject to change during the collective bargaining process, and the Non-Union plan typically follows suit. While neither of the benefit packages groups are identical, they are very similar with only minor differences.

The components of the benefit packages include: medical insurance, a company sponsored retirement plan, post-retirement benefits to age 65 are provided on a co-pay basis only, employer's portion of government taxes, leave policies and health and safety protection.

Copies of ETPL's employee benefit programs are included as Attachments 4F and 4G to this Exhibit.

EMPLOYEE DEMOGRAPHICS

As noted above, ETPL's employee demographics are consistent with the industry trend of an "ageing Workforce". Table 4-11 below shows ETPL's employee compliment by department and average age, along with the projected OMERS full retirement eligibility timing over the 2017-2022 horizon.

TABLE 4-12: EMPLOYEE DEMOGRAPHICS & RETIREMENT ELIGIBILITY

Line No.	Department	June 2017	2017 Bridge Year	2018 Test Year	2019	2020	2021	2022	Total
		Avg Age	Eligible Retirements -90 Factor						
		A	B	C	D	E	F	G	H=SUM(B to G)
1	Customer Service	48	1						1
2	Engineering	40							0
3	Finance and Regulatory	46							0
4	IT	31							0
5	Operations	46	4	1					5
6	Metering	49							0
7	**TOTAL**	**43**	**5**	**1**	**0**	**0**	**0**	**0**	**6**

Even though only 6 or 13.6% of ETPL's employees are eligible for full retirement benefits by 2022, almost 57% or over half of its employees will be 55 years of age or older by 2022. These retirements will cause additional issues within the organization as many of the retirements will be in the supervisory and management ranks, particularly in the Operations Department.

EMPLOYEE TURNOVER

Table 4-13 below shows ETPL's employee turnover statistics by department since 2012, actual and forecasted turnover in 2017 and forecasted turnover in 2018. Turnover occurs when employees retire or leave the organization. This can create a ripple effect within the organization in cases where existing employees are promoted to fill a vacancy. The turnover trend during the 2012 thru 2016 period has been the result of a mix of retirements and departures.

TABLE 4-13: EMPLOYEE TURNOVER

Line No.	Last Rebasing Year (2012 Board Approved)	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge Year	2018 Test Year
		A	B	C	D	E	F	G
1	Administration		1				1	
2	Customer Service					1		
3	Engineering		1					
4	Finance and Regulatory			1				
5	IT							
6	Metering		1				1	
7	Operations	1			1	1	1	1
8	**TOTAL**	**1**	**3**	**1**	**1**	**2**	**3**	**1**

SUCCESSION PLANNING

ETPL implemented succession planning prior to the 2012 ETPL Cost of Service Application and continues to monitor key employee retirement eligibility and employee intentions where known, in order to plan for the necessary employee succession.

ETPL currently has a cadre of particularly talented and experienced veteran journeymen linemen. However, ETPL is at risk because 7 of the journeymen linemen will be 55 years or older within 5 years. this represents greater than 50% of the linemen. The apprentice strategy has proven successful for ETPL, in terms of replacing the turnover that occurred between 2012 and 2016. It is critical to train these new apprentices while the majority of above-described veteran cadre is still with the organization.

To complement the apprentice training process and identify the best recruits, ETPL has taken a lead role in working with the Conestoga College (Ingersoll campus) on its development of the Powerline Technician program. ETPL provides a senior management representative on the board of this program, and multiple ETPL employees work with the school to assist in its programing.

Starting in 2012, ETPL began hiring co-op students from the program, and a diploma from this program is now a pre-requisite for candidates for ETPL apprentice positions. The two apprentices hired full-time by ETPL in 2014 were both graduates of the Conestoga College program with previous co-op experience with ETPL. The Conestoga College lines students hired to work as co-op students with ETPL in the summer will be candidates for future full-time apprentice positions.

ETPL has however, determined to stall its apprentice hiring practices within both 2017 and 2018 in an effort to determine if a potential merger can alleviate some of the retirement challenges that present itself within the skilled trades. Potential merger candidates would seamlessly allow ETPL to mitigate its retirement challenges and allow for ETPL to immediately realize efficiencies. By not factoring in incremental line staff replacement as part of this application ETPL is ensuring that some savings are passed on to the customer immediately and the challenges of bringing new staff members up to speed is foregone.

FTE AND EMPLOYEE COSTS

The ETPL employee complement by FTE, compensation and benefits are set out in Table 4-14 (Board Appendix 2-K) below. A copy of Board Appendix 2-K can also be found as Attachment 4H to this Exhibit. This table includes the 2012 Board-Approved figures as well as the actual number of FTEs and compensation figures for 2015-2018. FTEs exclude Board of Directors, and co-op summer students.

TABLE 4-14: FTE & EMPLOYEE COSTS, BOARD APPENDIX 2-K

Line No.	Last Rebasing Year (2012 Board Approved)	2012 BA	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
1	**Number of FTEs**								
2	Management (including executive)	12	12	12	12	14	15	14	14
3	Non-Management (union and non-union)	33	32	33	33	31	31	30	30
4	**Total**	**45**	**44**	**45**	**45**	**45**	**46**	**44**	**44**
5	**Total Salary and Wages including overtime and incentive pay**								
6	Management (including executive)	$ 1,080,161	$ 1,152,879	$ 1,215,962	$ 1,235,070	$ 1,387,432	$ 1,607,297	$ 1,486,771	$ 1,516,507
7	Non-Management (union and non-union)	$ 2,153,368	$ 2,257,488	$ 2,259,558	$ 2,393,498	$ 2,608,905	$ 2,394,895	$ 2,224,585	$ 2,269,077
8	**Total**	**$ 3,233,529**	**$ 3,410,367**	**$ 3,475,520**	**$ 3,628,568**	**$ 3,996,337**	**$ 4,002,193**	**$ 3,711,356**	**$ 3,785,583**
9	**Total Benefits (current and accrued)**								
10	Management (including executive)	$ 255,094	$ 269,045	$ 297,160	$ 299,099	$ 334,012	$ 378,586	$ 351,075	$ 358,096
11	Non-Management (union and non-union)	$ 482,454	$ 508,839	$ 549,477	$ 587,893	$ 617,537	$ 608,303	$ 564,098	$ 575,380
12	**Total**	**$ 737,549**	**$ 777,884**	**$ 846,636**	**$ 886,992**	**$ 951,549**	**$ 986,889**	**$ 915,173**	**$ 933,476**
13	**Total Compensation (Salary, Wages and Benefits)**								
14	Management (including executive)	$ 1,335,255	$ 1,421,924	$ 1,513,122	$ 1,534,169	$ 1,721,444	$ 1,985,884	$ 1,837,846	$ 1,874,603
15	Non-Management (union and non-union)	$ 2,635,822	$ 2,766,327	$ 2,809,035	$ 2,981,391	$ 3,226,442	$ 3,003,199	$ 2,788,683	$ 2,844,457
16	**Grand Total**	**$ 3,971,078**	**$ 4,188,251**	**$ 4,322,156**	**$ 4,515,560**	**$ 4,947,885**	**$ 4,989,082**	**$ 4,626,529**	**$ 4,719,060**

The salaries and wages amounts include all salaries and wages paid, inclusive of overtime, vacations, holidays, sick leave, bereavement leave and other miscellaneous paid leave. The benefits amounts comprise the employer's portion of statutory benefits, including CPP, EI, EHT and WSIB. In addition, benefit amounts comprise the company's cost for providing: OMERS, LTD insurance, life insurance, health benefits (including clothing allowance) and other miscellaneous items.

FTE BY DEPARTMENT

Table 4-15 summarizes the number of FTEs by department at year end since 2012. The table also shows the derivation of the 2012 Board-Approved figures at the departmental level, using the same methodology described above for Table 4-14.

ETPL has diligently worked at re-structuring of responsibilities, introducing efficiencies, succession planning and the ability to recruit and integrate new people into the business. Every position is carefully considered whether it needs to be filled upon the leaving of any employees. The 2018 test year includes a complement of 44 FTE representing a decrease of 1 FTE over 2012 Board Approved or the same number as 2012 Actuals.

TABLE 4-15: FTE BY DEPARTMENT

Line No.	Last Rebasing Year (2012 Board Approved)	2012 BA	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge Year	2018 Test Year
		A	B	C	D	E	F	G	H
1	Administration	2	2	2	1	1	1	0	0
2	Customer Service	9	9	9	9	9	9	9	9
3	Engineering	4	4	5	5	6	6	6	6
4	Finance and Regulatory	4	4	4	4	4	6	6	6
5	IT	1	1	1	1	1	1	1	1
6	Metering	4	4	3	3	3	3	3	3
7	Operations	21	20	21	22	21	20	19	19
8	**TOTAL**	**45**	**44**	**45**	**45**	**45**	**46**	**44**	**44**

Administration

Administration FTE positions has decreased by 2 FTEs since 2012. Upon the retirement of the Executive Assistant in 2013, ETPL decided to not fill this position and distribute the assigned duties of this position within its current organizational structure. Effective January 1, 2017, with the retirement of the President and C.E.O. of ETPL's parent company ERTH Corporation, ETPL's President took on a dual role of President and C.E.O. of both companies. ETPL is now charged for this position through Corporate Allocations.

Customer Service

The number of FTE positions in Customer Service has remained constant since 2012 even though many new requirements including Smart Meters, TOU Billing, changes in collection and disconnection policies have increased the workload in this department. ETPL has promoted technology to find efficiencies in the customer service department including e-billing, IVR collection calls and an enhanced "My Account" on its website.

Engineering

The Engineering department had an increase of 2 FTEs since 2012. In 2013, an additional Engineering Technician was hired to assist with the additional workload due to third-party engineering work being completed for another LDC. ETPL receives revenues to offset this cost in its OM&A. In 2015, the additional FTE in the Engineering department was the assigning of an existing employee to a FTE administrative position from the Finance & Regulatory department.

Finance and Regulatory

The Finance and Regulatory department had an increase of 2 FTE positions since 2012. ETPL added 2 management positions under the Finance and Regulatory department in 2016 when it commenced managing the CDM program in-house. Prior to 2016 the CDM program was managed by ETPL's parent company, ERTH Corporation. Although there are 2 additional FTE management positions in Regulatory and Finance the majority of their salary and benefits are covered in the CDM budget and not an increase in Operating costs for ETPL's customers.

IT

ETPL's FTE of 1 for the Information and Technology department remained constant since 2012. Although ETPL's parent company, ERTH Corporation manages most of its IT needs, ETPL keeps 1 FTE position to handle in house needs.

Metering

ETPL has had a decrease of 1 FTE in the metering department. The resignation of a metering technician in 2013 was not filled. ETPL outsourced locates in the majority of its service territory. Locates were previously completed by the staff in the metering department.

Operations

ETPL has had a decrease of 1 FTE position in the Operations department since 2012. In 2012 the retirement of the Backhoe Operator was not filled as ETPL deemed it more efficient to have this work outsourced to a third party when required. In anticipation of possible retirements in Journeymen Linemen in the next 5 years, ETPL hired 2 Lineman Apprentices in 2013 and 2 Lineman Apprentices in 2013. As of 2017, 3 of these

Lineman Apprentices have completed their apprenticeship and are now Journey Lineman. The 4th apprentice will attain Journeyman Lineman status later in 2017. There were 3 retirements of Journeyman Linemen 1 in 2015, 2016 and 2017. Since 2012 there has been an increase of 1 FTE in Linemen overall but as mentioned earlier this is to cover ETPL's succession plan as more retirements are expected in the next 5 years.

FTES, WAGES & BENEFITS VARIANCE ANALYSIS

ETPL completed the Board's Appendix 2-K, which is included above as Table 4-14. Table 4-16 below details employee costs from 2012 Board-Approved (using values as discussed above) through to the 2018 Test Year. All FTEs as defined above, with their corresponding wages and benefits are included in the variance analysis below.

TABLE 4-16: FTES AND EMPLOYEE COST VARIANCES

Line No.	Last Rebasing Year (2012 Board Approved)	2012 BA	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
1	**Number of FTEs**								
2	Management (including executive)	12	12	12	12	14	15	14	14
3	Non-Management (union and non-union)	33	32	33	33	31	31	30	30
4	**Total**	**45**	**44**	**45**	**45**	**45**	**46**	**44**	**44**
5	**Total Salary and Wages including overtime and incentive pay**								
6	Management (including executive)	$ 1,080,161	$ 1,152,879	$ 1,215,962	$ 1,235,070	$ 1,387,432	$ 1,607,297	$ 1,486,771	$ 1,516,507
7	Non-Management (union and non-union)	$ 2,153,368	$ 2,257,488	$ 2,259,558	$ 2,393,498	$ 2,608,905	$ 2,394,895	$ 2,224,585	$ 2,269,077
8	**Total**	**$ 3,233,529**	**$ 3,410,367**	**$ 3,475,520**	**$ 3,628,568**	**$ 3,996,337**	**$ 4,002,193**	**$ 3,711,356**	**$ 3,785,583**
9	**Total Benefits (current and accrued)**								
10	Management (including executive)	$ 255,094	$ 269,045	$ 297,160	$ 299,099	$ 334,012	$ 378,586	$ 351,075	$ 358,096
11	Non-Management (union and non-union)	$ 482,454	$ 508,839	$ 549,477	$ 587,893	$ 617,537	$ 608,303	$ 564,098	$ 575,380
12	**Total**	**$ 737,549**	**$ 777,884**	**$ 846,636**	**$ 886,992**	**$ 951,549**	**$ 986,889**	**$ 915,173**	**$ 933,476**
13	**Total Compensation (Salary, Wages and Benefits)**								
14	Management (including executive)	$ 1,335,255	$ 1,421,924	$ 1,513,122	$ 1,534,169	$ 1,721,444	$ 1,985,884	$ 1,837,846	$ 1,874,603
15	Non-Management (union and non-union)	$ 2,635,822	$ 2,766,327	$ 2,809,035	$ 2,981,391	$ 3,226,442	$ 3,003,199	$ 2,788,683	$ 2,844,457
16	**Grand Total**	**$ 3,971,078**	**$ 4,188,251**	**$ 4,322,156**	**$ 4,515,560**	**$ 4,947,885**	**$ 4,989,082**	**$ 4,626,529**	**$ 4,719,060**
17	**Description**		**2012 BA vs 2012 Act**	**2012 Act vs. 2013 Act**	**2013 Act vs. 2014 Act**	**2014 Act vs. 2015 Act**	**2015 Act vs. 2016 Act**	**2016 Act vs 2017 BY**	**2017 BY vs. 2018 TY**
18	**Number of FTEs**								
19	Management (including executive)		12	12	12	14	15	14	14
20	Non-Management (union and non-union)		32	33	33	31	31	30	30
21	**Total**		**44**	**45**	**45**	**45**	**46**	**44**	**44**
22	**Total Salary and Wages including overtime and incentive pay**								
23	Management (including executive)		$ 72,718	$ 63,083	$ 19,108	$ 152,361	$ 219,866	-$ 120,526	$ 29,735
24	Non-Management (union and non-union)		$ 104,120	$ 2,070	$ 133,940	$ 215,407	-$ 214,010	-$ 170,310	$ 44,492
25	**Total**		$ 176,838	$ 65,153	$ 153,048	$ 367,768	$ 5,856	-$ 290,837	$ 74,227
26	**Total Benefits (current and accrued)**								
27	Management (including executive)		$ 13,951	$ 28,114	$ 1,939	$ 34,913	$ 44,574	-$ 27,512	$ 7,021
28	Non-Management (union and non-union)		$ 26,385	$ 40,638	$ 38,416	$ 29,644	-$ 9,233	-$ 44,205	$ 11,282
29	**Total**		$ 40,336	$ 68,752	$ 40,355	$ 64,557	$ 35,341	-$ 71,717	$ 18,303
30	**Total Compensation (Salary, Wages and Benefits)**								
31	Management (including executive)		$ 86,669	$ 91,197	$ 21,048	$ 187,274	$ 264,440	-$ 148,038	$ 36,757
32	Non-Management (union and non-union)		$ 130,505	$ 42,708	$ 172,356	$ 245,051	-$ 223,243	-$ 214,515	$ 55,774
33	**Grand Total**		**$ 217,174**	**$ 133,905**	**$ 193,403**	**$ 432,325**	**$ 41,197**	**-$ 362,553**	**$ 92,531**

The 2012 BA to 2018 Test Year variances are explained as follows:

- In 2012 the actual labour and benefit costs increased by 5.47% over the 2012 BA. 3% of this increase is due to the normal wage increases. The remaining 2.5% is due to changes between projected amounts included in the 2012 rate application and actual results due to differences in overtime and progressions.

- In 2013 the actual labour and benefits costs increased by 3.2% while adding another FTE. The additional 0.7% over the negotiated rate increases are due to increases in OMERS costs.

- In 2014 ETPL's staff complement remained the same and wage and benefit costs increased by 4.47%. 2.5% of this increase is due to the contractual increase while the remaining 2% is partially due to increases in benefits costs and increased overtime and call-outs.

- In 2015 there was a 9.6% increase in wages and benefits due to the addition of 1 FTE in a management position for the full year and 1 FTE moved from non-management to management while 1 non-management employee retired in December. All of these movements plus cost of living increases of 2.5% resulted in the 9.6% increase.

- In 2016, ETPL experienced a 0.8% increase in wages and benefits inclusive of a cost of living increase of 2.0%. A full year of savings of the 2015 non-management retiree and another non-management retiree in May of 2016 as well as a reduction in overtime and call-outs were the main driver in the savings.

- In 2017 a 7.2% decrease to wages and benefits is directly attributable to ETPL's President assuming the dual position as ERTH Corporation's CEO while remaining ETPL's President. These costs remain in ETPL's OM&A through Affiliate transactions, however these allocations have not increased materially.

- In the 2018 test year, ETPL is predicting a 2% increase in wage costs directly in line with the collective agreement.

ANNUAL WAGE INCREASES

A summary of actual and projected annual and cumulative wage increases is shown on Table 4-16 below:

TABLE 4-17: SUMMARY OF WAGE INCREASE BY YEAR

Line No.	Year	Union % A	Cumulative % B	Non-Union % C	Cumulative % D
1	Jan 1, 2012 Actual	3.0%	3.0%	3.0%	3.0%
2	Jan 1, 2013 Actual	2.5%	5.5%	2.5%	5.5%
3	Jan 1, 2014 Actual	2.5%	8.0%	2.5%	8.0%
4	Jan 1, 2015 Actual	2.5%	10.5%	2.5%	10.5%
5	Jan 1, 2016 Actual	2.0%	12.5%	2.0%	12.5%
6	Jan 1, 2017 Actual	2.0%	14.5%	2.0%	14.5%
7	Jan 1, 2018 Forecast	2.0%	16.5%	2.0%	16.5%

EMPLOYEE BENEFIT PROGRAMS

BENEFIT PROGRAMS

Benefits offered by ETPL are summarized below.

Statutory Benefits:

- Canada Pension Plan ("CPP") – ETPL remits 4.95% of gross earnings (2017 max per employee is $2,544.30).
- Employment Insurance ("EI") – ETPL remits 2.3% of gross earnings (2017 max per employee is $1,170.67).
- Employer Health Tax ("EHT") – ETPL remits 1.95% of gross earnings, plus taxable benefits.
- Workplace Safety Insurance Board ("WSIB") – ETPL remits 1.07% of gross earnings, plus taxable benefits (2017 max per employee is $946.95)

Company Benefits:

- Ontario Municipal Employee Retirement Savings ("OMERS") – ETPL remits 9.0% on the first $53,600 of earnings (subject to various inclusions and exclusions) and then ETPL remints 14.6% of earnings thereafter (also subject to various inclusions and exclusions).
- Long Term Disability ("LTD") - ETPL's benefit provider is the RBC. ETPL's premiums cover current employees.
- Life Insurance Benefits – ETPL's benefit provider is the MEARIE Group and effective January 1, 2017, MEARIE sources this benefit from Desjardins.
- Health Care Benefits – ETPL's benefit provider is Manulife Financial
- Dental Benefits – ETPL's benefit provider is Manulife Financial

- Employee Assistance Program ("EAP") – This program is offered through RBC's Ceridian Life Works and assists employees and their immediate family members in assessing and resolving work, health and life issues.

A detailed summary of ETPL's actual benefit program costs are presented in Table 4-18 below. Statutory deductions have increased 24.4% between 2012 and the 2018 Test Year as a result of benefit rate increases and wage increases. Company benefits have increased almost 32.1% over the same time frame.

TABLE 4-18: BENEFIT EXPENSES

Line No.	Last Rebasing Year (2012 Board Approved)	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge Year	2018 Test Year
		A	B	C	D	E	F	G
1	**Statutory**							
2	CPP - Employer's Portion	$ 101,717	$ 105,467	$ 110,387	$ 116,081	$ 119,649	$ 122,042	$ 124,483
3	EI - Employer's Portion	$ 46,967	$ 51,177	$ 53,853	$ 56,853	$ 58,872	$ 60,050	$ 61,251
4	Employer Health Tax	$ 66,502	$ 67,773	$ 70,757	$ 77,929	$ 78,043	$ 79,604	$ 81,196
5	WSIB	$ 30,679	$ 32,637	$ 33,810	$ 34,786	$ 37,454	$ 38,203	$ 38,967
6	**Total Statutory**	$ 245,866	$ 257,053	$ 268,807	$ 285,649	$ 294,018	**$ 299,898**	**$ 305,896**
7	**Company**							
8	OMERS	$ 294,287	$ 347,698	$ 368,363	$ 410,667	$ 403,239	$ 411,304	$ 419,530
9	LTD Insurance	$ 21,879	$ 26,719	$ 31,428	$ 33,788	$ 36,452	$ 37,181	$ 37,925
10	Life Insurance	$ 43,654	$ 46,747	$ 42,865	$ 44,566	$ 46,935	$ 47,874	$ 48,831
11	Health Benefits	$ 172,199	$ 168,420	$ 175,528	$ 176,878	$ 206,244	$ 210,369	$ 214,577
12	Clothing Allowance	$ 17,376	$ 26,229	$ 17,165	$ 21,146	$ 23,190	$ 23,654	$ 24,127
13	Wellness Program							
14	Other							
15	**Subtotal Company**	**$ 549,394**	**$ 615,812**	**$ 635,349**	**$ 687,046**	**$ 716,061**	**$ 730,382**	**$ 744,990**
16	**Benefits Prior to EFB**	**$ 795,260**	**$ 872,865**	**$ 904,156**	**$ 972,695**	**$ 1,010,078**	**$ 1,030,280**	**$ 1,050,886**
17	Employee Future Benefits							
18	**Total Company**	**$ 795,260**	**$ 872,865**	**$ 904,156**	**$ 972,695**	**$ 1,010,078**	**$ 1,030,280**	**$ 1,050,886**

OMERS PENSION PLAN

ETPL employees are members of the Ontario Municipal Employees Retirement System ("OMERS").

OMERS is a multi-employer pension plan in which most Ontario LDCs participate. Accordingly, ETPL pension benefit costs are consistent with other participating Ontario LDCs. The plan is a contributory defined pension plan which is financed by equal contributions from the employer and employee based on the employee's contributory earnings. The ETPL pension premium information for 2012 Actual, 2013 Actual, 2014

Actual, 2015 Actual, 2016 Actual, 2017 Bridge Year and 2018 Test Year is detailed in Table 4-19 below. For the 2018 Test Year, ETPL assumed OMERS rates of 9% on earnings up to CPP earning limits and 14.6% on earnings over CPP earnings limit as per OMER's news letter dated June 26, 2015 "OMERS 2016 Contribution Rates Announced".

Table 4-19 below shows OMERS pension expense and its key drivers from 2012 thru the 2018 Test Year.

The increases in OMERS premiums from 2012 through 2013 are the result of increased contribution rates as well as wage increases, which leveled after 2013.

TABLE 4-19: OMERS PENSION EXPENSE

Line No.	Last Rebasing Year (2012 Board Approved)	YPME	YPME Below	YPME Above	OMERS Expense	Increase
		A	B	C	D	E
1	2012	$ 50,100	8.3%	12.8%	$ 296,960	$ -
2	2013	$ 51,100	9.0%	14.6%	$ 352,386	$ 55,426
3	2014	$ 52,500	9.0%	14.6%	$ 365,973	$ 13,587
4	2015	$ 52,500	9.0%	14.6%	$ 402,757	$ 36,784
5	2016	$ 52,500	9.0%	14.6%	$ 403,880	$ 1,123
6	2017 Bridge Year	$ 52,500	9.0%	14.6%	$ 411,958	$ 8,078
7	2018 Test Year	$ 52,500	9.0%	14.6%	$ 420,197	$ 8,239

EMPLOYEE FUTURE BENEFITS

ETPL does not provide post-employment benefit life insurance and health care to all active full-time employees and retirees for life. ETPL does provide these post-employment benefits ("OPEB") such as life insurance and medical and dental care to eligible current and future retirees over the age of 65 on a co-pay opt in basis. As of August 2017, 3 retirees (or their survivors) have OPEB's. The costs of post-employment benefits are actuarially determined using the projected unit cost method to determine liabilities and normal costs for the OPEB plans. Assumptions used reflect management's best estimates. For historical years 2014 – 2016, the excess of the net actuarial gains or losses are recognized in the Other Comprehensive Income ("OCI") in the period they occur.

Aon Hewitt ("Aon") completed a full actuarial valuation as of December 31, 2016 using Canadian Generally Accepted Accounting Principles ("CGAAP"), and specifically International Financial Reporting Standards ("IFRS") IAS 19 Employee Benefits. Results from the valuation were extrapolated to December 31, 2016 in accordance with International Financial Reporting Standards ("IFRS"), taking into account actual experience.

Under IFRS, the deferral and amortization of post-retirement actuarial gains and losses has been eliminated. Although ETPL transitioned to revised CGAAP in 2013 in accordance with regulatory guidance, ETPL's full transition to Modified IFRS ("MIFRS") (including IFRS post-retirement accounting rules) occurred in 2015 with comparative figures for 2014. Accordingly, at the time of transition, ETPL recognized its cumulative unrecognized actuarial gains in retained earnings. ETPL further notes that under IFRS, in future years all actuarial gains and losses triggered by re-measurement will go through OCI. For rate setting purposes, ETPL has continued to include the future re-measurements in OM&A.

At December 31, 2014, the Net Benefit Liability was $794,900 under CGAAP. Table 4-20 also shows the impact that the 2015 transition to the corresponding IFRS figure of $680,800 for financial reporting purposes:

TABLE 4-20: Post-Retirement Benefits Liability

Line No.	Last Rebasing Year (2012 Board Approved)	CGAAP	IFRS
1	Opening Balance at Jan 1, 2014 - CGAAP	$ 650,200	$ 650,200
2	IFRS Opening Adjustment	$ 114,100	
3	Expense in 2014	$ 51,900	$ 51,900
4	Employer Contributions in 2014	-$ 21,300	-$ 21,300
5	**Ending Balance at Dec. 31, 2014**	$ 794,900	$ 680,800

SHARED SERVICES

4.5.1 Overview

The tables beginning with Table 4-21 and ending with Table 4-27 provide a summary of the transactions and pricing methodology used to assign costs for 2012 Actual, 2013 Actual, 2014 Actual, 2015 Actual, 2016 Actual and projections for the 2017 Bridge Year and 2018 Test Year, respectively. These tables are consistent with the Board's Appendix 2-N. A copy of the Board's Appendix 2-N can also be found as an Attachment 4I in this Exhibit.

TABLE 4-21: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2012 ACTUAL

Year: 2012

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		$ 31,058
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		$ 231,028
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		$ 70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		$ 3,613
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 393,237	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 160,787	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	19.79%	$ 190,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	5.03%	$ 48,304
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	13.38%	$ 128,499
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	13.53%	$ 129,899
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	$ -
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	5.73%	$ 54,998
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.79%	$ 45,996
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	37.75%	$ 362,464

TABLE 4-22: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2013 ACTUAL

Year: 2013

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		$ 109,224
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		$ 251,250
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		$ 70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		$ 28,069
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services to Goderich	Fully Allocated Costs	$ 165,066	
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 365,863	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	17.42%	190,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	4.72%	51,475
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	12.07%	131,669
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	6.78%	73,916
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.67%	7,340
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	3.72%	40,543
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.97%	54,208
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	49.66%	541,755

TABLE 4-23: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2014 ACTUAL

Year: 2014

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		12,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		262,964
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		4,200
ERTH Hldgs	Erie Thames Powerlines	Optimizer - Support/Mtnce	Market Value		40,000
ERTH Hldgs	Erie Thames Powerlines	Data Mining	Fully Allocated Costs		24,000
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 403,321	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 134,512	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	16.10%	205,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	4.64%	59,132
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	10.18%	129,678
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	4.23%	53,811
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	-
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	6.70%	85,367
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	5.84%	74,416
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	52.30%	666,047

TABLE 4-24: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2015 ACTUAL

Year: 2015

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		170,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		269,538
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		4,200
ERTH Hldgs	Erie Thames Powerlines	Optimizer - Support/Mtnce	Market Value		40,000
Erie Thames Powerlines	ERTH Hldgs	Billing Services		$ 341,705	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 106,638	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	15.23%	200,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	6.14%	80,560
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	4.03%	52,900
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	5.48%	72,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	4.44%	58,256
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	6.18%	81,120
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	58.51%	548,216

TABLE 4-25: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2016 ACTUAL

Year: 2016

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		170,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		231,121
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		50,535
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		3,371
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 438,576	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 145,116	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	16.53%	212,500
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	2.18%	28,000
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	4.59%	59,000
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	10.97%	141,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	5.60%	72,000
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	2.96%	38,000
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	57.18%	515,000

TABLE 4-26: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2017 BRIDGE

Year: 2017

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		191,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		235,744
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		72,900
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		3,439
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 148,018	
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 447,348	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	22.62%	216,500
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	2.09%	20,000
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	5.96%	57,000
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	8.25%	79,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	8.57%	82,000
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.28%	41,000
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	48.22%	461,500

TABLE 4-27: SHARED SERVICES AND CORPORATE COST ALLOCATION - 2018 TEST

Year: 2018

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		217,850
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		240,459
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		72,900
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		3,507
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 150,979	
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 456,295	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	22.48%	222,995
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Co	Fully Allocated Costs	2.08%	20,600
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	5.86%	58,140
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	7.96%	79,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	-
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	8.51%	84,460
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.26%	42,230
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	48.85%	484,575

4.5.2 Shared Services to Affiliates

ETPL Provided Services to ERTH Holdings

ETPL provides electricity, water and waste water billing, collecting and general customer administration to ERTH Holdings on behalf of its customers. The recovery of costs for these services are based on the fully allocated cost of supplies directly related to providing the service and actual ETPL reported staff time, at the employee's wage rate plus applicable direct payroll burdens. These revenues are accounted for as cost offsets to ETPL's actual billing and collecting costs.

ETPL Provided Services to ERTH Corporation

Effective January 1, 2015, ETPL provides engineering, operations and asset management service to ERTH Holdings on behalf of its customer. The cost for these services is based on the fully allocated cost of supplies directly related to providing the service and actual ETPL reported staff time, at the employee's wage rate plus applicable direct payroll burdens. These revenues are accounted for as cost offsets to ETPL's actual operating costs.

4.5.3 Shared Services from Affiliates

Services from ERTH Corporation to ETPL

ERTH Corporation provides Rent, Board Corporate Governance (the cost for ETPL standalone board only), IT Infrastructure, Legal, Consulting and Management services to ETPL. These services are provided at the fully allocated cost. HR services include employee and labour relations assistance. Rent is provided at market rates, Corporate Governance is provided at fully allocated costs. Legal, Consulting and Management services are provided at actual reported staff time, at the employee's wage rate plus applicable direct payroll burdens. Management services include strategic planning, corporate leadership, governance, risk management and contract negotiation support. IT services provided to ETPL include software licensing and support and network infrastructure costs.

Services from ERTH Holdings to ETPL

ERTH Holdings provides CIS application services, billing support services, IT management and support, as well as MSP and AMV meter services to ETPL. The cost for these services are based on market based rates.

4.5.4 CORPORATE COST ALLOCATIONS

ERTH Corporation charges ETPL rent based on the occupied square footage, which is reviewed periodically for changes. The amount charged for rent is not less than the greater of market and fully allocated cost.

4.5.5 AFFILIATE BOARD OF DIRECTOR COSTS

ERTH Corporation does not charge ETPL for its or any other affiliates, Board of Directors costs. ETPL's Governance costs detailed in the table above are for ETPL's standalone Board of Directors costs paid by ERTH on ETPL's behalf.

4.5.6 VARIANCE ANALYSIS

Table 4-28 below identifies variances of the 2018 Test Year versus 2012 Board-Approved and up to 2016 Actual for services provided by ETPL to affiliates, services provided to ETPL from its affiliates and ETPL's corporate cost allocations.

TABLE 4-28: SUMMARY OF AFFILIATES SERVICES AND CORPORATE COST ALLOCATIONS

Item	Last Rebasing Year (2012 Board Approved)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Actuals	2018 Test Year	2018 Test Year vs. 2012 Board Approved	2018 Test Year vs 2016 Actuals
	$	$	$	$	$		$	$	$
Services provided by ERTH Corp	$ 960,160	$ 1,090,906	$ 1,273,451	$ 1,093,052	$ 1,065,500	$ 957,000	$ 992,000	$ 31,840	-$ 73,500
Services provided to ERTH Corp	$ 160,787	$ 165,066	$ 134,512	$ 106,638	$ 145,116	$ 148,018	$ 150,979	-$ 9,808	$ 5,863
Services provided by ERTH Hldgs	$ 336,259	$ 459,103	$ 413,724	$ 554,298	$ 455,028	$ 503,083	$ 534,716	$ 198,458	$ 79,689
Services provided to ERTH Hldgs	$ 393,237	$ 365,863	$ 403,321	$ 341,705	$ 438,576	$ 447,348	$ 456,295	$ 63,058	$ 17,718
Total	**$ 742,395**	**$ 1,019,081**	**$ 1,149,341**	**$ 1,199,007**	**$ 936,836**	**$ 864,717**	**$ 919,443**	**$ 177,048**	**-$ 17,393**

ETPL's cost allocation from its Affiliates are projected to increase on a net basis by $177,048 since the 2012 BA amount. This increase is directly attributable to the need for increased infrastructure and technologies from an IT perspective provided by ERTH Holdings.

PURCHASES OF NON-AFFILIATES SERVICES & ONE-TIME COSTS

4.6.1 Non-Affiliate Services

ETPL purchases equipment, material and services in a cost effective manner with full consideration to price as well as product quality, timeliness, reliability, engineering compliance and service. In order to meet these expectations ETPL participates in the Southwest Buying group, a group of utilities in Southwestern Ontario that have joined together to jointly purchase in order to obtain better pricing from suppliers. ETPL also internally utilizes a robust supply chain management program that ensures that all appropriate approvals meet ETPL's Board of Directors approved policies. The following table 4-29 details all non-affiliate purchases from 2012 to 2016.

TABLE 4-29: PRODCUTS AND SERVICES OF NON-AFFILIATES

Vendor	Product/Service	Method of Selection	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual
ANIXTER CANADA INC	Inventory	Tender			130,877		
ANIXTER POWER SOLUTIONS INC	Inventory	Tender	908,619	462,629	395,006	429,599	334,084
ASCENT SOLUTIONS INC. (TILTRAN)	Construction Service	Quote	153,380				
CANADIAN ELECTRICAL SERVICES	Inventory	Tender	332,794	286,407	209,273	326,913	298,591
COMMERCIAL TRUCK EQUIPMENT CORP	Vehicles	Quote		53,095	62,708	54,223	70,995
D.L. HANNON INC.	Construction Service	Quote				264,038	
DELL COMPUTER INC	Computer Hardware	Quote		56,509			
DYNAMIC DESIGN	Construction Service	Quote		50,819			
ELSTER SOLUTIONS CANADA	Meter Stock	Quote			79,367	106,037	193,907
G & W CANADA	Automation	Quote				143,521	56,813
GRAHAM ENERGY LIMITED	Vehicles	Sole Source	53,829	63,483	81,230	65,918	59,986
G-TEL	Locates	Quote			102,572	143,893	158,896
K-LINE MAINTENANCE & CONSTRUCTION	Construction Service	Quote	210,006	152,998	271,359	61,493	
LAPRAIRIE INC	Inventory	Tender				60,957	
PACHECOS CONTRACTORS LTD	Construction Service	Quote	50,546	259,498		51,388	53,231
POSI-PLUS TECHNOLOGIES INC.	Vehicles	Tender		88,200		342,382	
QUALITY UNDERGROUND SOLUTIONS INC	Construction Service	Quote			105,835	118,186	71,963
SEARLES MOTOR PRODUCTS	Vehicles	Tender			69,851		
SIEMENS TRANSFORMERS	Inventory	Tender	63,835	95,823			
STANTEC CONSULTING LTD	Engineering Consulting	Quote	60,620	62,496			
STELLA-JONES INC	Inventory	Tender	184,124	51,666	89,138	77,414	
SURVALENT TECHNOLOGY	Automation	Tender	103,740				
THE MEARIE GROUP	Insurance, Employee Benefits	Quote	63,751		64,217	73,466	52,653
VANDERBAAN MANAGEMENT INC.	Engineering Consulting	Quote				77,821	83,347
ZAP'S TREE AND LAWN	Tree Trimming Services	Tender	79,650	62,550	79,468	99,885	146,844

4.6.2 ONE-TIME COSTS

ETPL's only true one-time costs embedded in this application are related wholly to the 2018 COS application and associated Distribution Plan. These costs have been amortized over five years. ETPL included historical costs of $69,000 relating to the preparation of the DSP in 2016. The total one-time costs included in this application are $317,000 which amortized over five years amounts to $63,400 to be included in operating costs

REGULATORY COSTS

ETPL's Finance and Regulatory Department is responsible for maintaining and preparing all regulatory filings, rate application, audits and inputs provided to the OEB, the Independent Electrical Systems Operator ("IESO") and other regulatory agencies. The Finance Department is the main conduit for communication, educating and informing employees of new requirements for the agencies noted above.

The 2018 Test Year Regulatory Costs do not include staff labour costs but is comprised of Ontario Energy Board annual cost assessments, cost awards, costs associated with rate filings and rate orders and one-time costs associated with this Cost of Service Application. ETPL will incur significant costs for the preparation, processing and approval of the 2018 Cost of Service application. These costs are identified in Board Appendix 2-M.

The costs include consultant fees, legal fees and intervenor cost awards. ETPL requests approval of these costs to be recovered over a five year period until ETPL's next scheduled Cost of Service Application. Therefore, in the 2018 Test Year, ETPL has included $285,561 representing $92,140 of ongoing cost, one-fifth of the total Cost of Service Application costs ($63,421) and Cyber Security and Risk Costs of $130,000. Board Appendix 2-M is shown below and details all the costs mentioned above:

TABLE 2-30 REGULATORY COSTS

Regulatory Cost Schedule

	Regulatory Cost Category	USoA Account	USoA Account Balance	Ongoing or One-time Cost? [2]	Last Rebasing Year (2012 Board Approved)	Most Current Actuals Year 2016	2017 Bridge Year	Annual % Change	2018 Test Year	Annual % Change
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = [(G)-(F)]/(F)	(I)	(J) = [(I)-(G)]/(G)
1	OEB Annual Assessment	5655	$ 71,081	On-Going	$ 53,948	$ 71,081	$ 83,308	17.20%	$ 86,640	4.00%
2	OEB Section 30 Costs (Applicant-originated)	5655	$ 71,081	On-Going		$ 71,081	$ 4,192	-94.10%	$ 5,500	31.20%
3	OEB Section 30 Costs (OEB-initiated)									
4	Expert Witness costs for regulatory matters			One-Time	$ 15,000					
5	Legal costs for regulatory matters	5630	$ 315,346	One-Time	$ 75,000.00	$ 7,401.36	$ 58,594.10	691.67%	$ 23,437.64	-60.00%
6	Consultants' costs for regulatory matters	5630	$ 315,346	One-Time	$ 105,000.00	$ 4,598.64	$ 36,405.90	691.67%	$ 14,562.36	-60.00%
7	Operating expenses associated with staff resources allocated to regulatory matters	5630	$ 315,346	One-Time		$ 57,105.26	$ 28,000.00	-50.97%	$ 5,000	-82.14%
8	Operating expenses associated with other resources allocated to regulatory matters [1]	5630	$ 315,346	One-Time					$ 12,000	
9	Other regulatory agency fees or assessments									
10	Any other costs for regulatory matters (please define) Cyber Security and Risk	5655	$ 71,081	On-Going					$ 130,000	
11	Intervenor costs				$ 30,000	$ -	$ -		$ 70,000	
12	Sub-total - Ongoing Costs [3]		$ -		$ -	$ -	$ -		$ -	
13	Sub-total - One-time Costs [4]		$ -		$ -	$ -	$ -		$ -	
14	Total		$ -		$ -	$ -	$ -		$ -	

Please fill out the following table for all <u>one-time</u> costs related to this cost of service application to be amortized over the test year plus the IRM period.

		Historical Year(s)	2017 Bridge Year	2018 Test Year
4	Expert Witness costs			
5	Legal costs	$ 7,401.36	$ 58,594.10	$ 23,437.64
6	Consultants' costs	$ 4,598.64	$ 36,405.90	$ 14,562.36
7	Incremental operating expenses associated with staff resources allocated to this application.	$ 57,105.26	$ 28,000.00	$ 5,000.00
8	Incremental operating expenses associated with other resources allocated to this application. [1]			$ 12,000.00
11	Intervenor costs			$ 70,000.00

LEAP CHARITABLE AND POLITICAL DONATIONS

4.8.1 Low-Income Energy Assistance Programs

ETPL has included $12,942 as part of this application for LEAP funding. This amount is based upon the Board's determination that the greater of 0.12% of a distributors Board approved revenue requirement or $2,000 should be included in the utilities costs.

4.8.2 Charitable Donations

ETPL's contributions to the community from the last Board-Approved COS Application (EB-2012-0121) are provided in Table 4-31 below. ETPL is not requesting recovery of these donations and the appropriate amounts have been excluded from the revenue requirement calculation.

TABLE 4-31: ETPL CHARITABLE DONATIONS

Line No.	Last Rebasing Year (2012 Board Approved)	2012 BAP	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual
1	Diabetes Assc		$ 50				
2	Community Living-Central Huron		$ 100				
3	Cdn Cancer Society		$ 50				
4	Salvation Army			$ 265			$ 1,850
5	Port Stanley Lions Club			$ 265			
6	ALS Canada						$ 50
7	Twp of Norwich			$ 100			
8	Thames Valley District School Board				$ 304		
9	Human Society						$ 50
10	Twp of East Zorra-Tavistock						$ 250
11	Conestoga College					$ 5,000	
12	Ingersoll & District Inter-church					$ 500	
13		**$ -**	**$ 200**	**$ 630**	**$ 304**	**$ 5,500**	**$ 2,200**

4.8.3 Political Donations

ETPL confirms that it does not make political contributions, therefore no political contributions have been included for recovery.

OVERVIEW

The following discussion outlines the depreciation practices used by ETPL in this Application and provides a summary of changes since the last Cost of Service Application. As noted above, in preparation for the conversion to IFRS, ETPL engaged KPMG to assist with determining the level of PP&E componentization required under IFRS. ETPL with KPMG, utilized the Kinectrics Report issued by the OEB to establish updated useful lives to be used under IFRS. KPMG facilitated discussions with ETPL's Engineering, Operations, Regulatory and Finance departments in order to determine a reasonable estimate of the useful lives of ETPL's capital assets. KPMG and ETPL worked together to determine an appropriate level of componentization on historical assets that incorporated all material components of historical costs. ETPL adjusted the service lives to reflect the typical useful lives identified in the ETPL Kinectrics Report and completed an assessment of the remaining service lives upon which to calculate depreciation expense for 2013 and beyond.

The adjustments made to ETPL's service lives had a significant impact on ETPL's depreciation expense and ETPL has a substantial refund owing to customers because of this change, which is recorded in Account 1576 as explained in detail in Exhibit 9. ETPL confirms that the useful lives for its asset groups fall within the ranges provided in the Kinectrics Report and that significant parts or components of each item of PP&E are being depreciated separately.

Under CGAAP, ETPL recorded customer contributions as an offset to the cost of capital assets and amortized accordingly. Under MIFRS, ETPL cannot capitalize these customer contributions as part of its net capital assets, but instead will classify the contributions as a deferred revenue liability and amortize the costs to revenue over the life of the asset to which the contribution relates.

For financial reporting purposes, ETPL has classified forecasted customer contributions for the 2017 Bridge Year and 2018 Test Year as deferred revenue and amortized the contribution to revenue over the life of the related asset. For rate-setting purposes, these costs are included as an offset to rate base and the related amortized revenue as an offset to depreciation expense. ETPL confirms that no further depreciation expense policy changes or changes in asset service lives have been made subsequent to those made January 1, 2013.

More details on this process and on the conversion to IFRS are provided in Exhibit 2 – Rate Base, within the "Capitalization Policy" section. Table 4-32 below, which is consistent with the Board's Appendix 2-BB. A copy of the Board's Appendix 2-BB, is included as Attachment 4J in this Exhibit. Useful life variances between the generic Kinectrics Report and the ETPL useful lives.

TABLE 4-32: SUMMARY OF DEPRECIATION/AMORTIZATION BY YEAR

USoA	Description	2012 Board Approved	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge Year	2018 Test Year
Reporting Basis		CGAAP	CGAAP	Revised CGAAP	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS
1611	Computer Software (Formally known as Account 1925)		$ 68,496	$ 107,454	$ 159,241	$ 123,587	$ 139,054	$ 144,888	$ 150,721
1612	Land Rights (Formally known as Account 1906)							$ -	$ -
1805	Land							$ -	$ -
1808	Buildings		$ 7,386	$ 3,747	$ 3,989	$ 4,259	$ 4,522	$ 11,325	$ 11,391
1810	Leasehold Improvements							$ -	$ -
1815	Transformer Station Equipment >50 kV							$ -	$ -
1820	Distribution Station Equipment <50 kV		$ 23,268	$ 10,484	$ 10,591	$ 9,728	$ 9,728	$ 9,728	$ 9,728
1825	Storage Battery Equipment							$ -	$ -
1830	Poles, Towers & Fixtures		$ 228,717	$ 118,542	$ 142,789	$ 160,727	$ 173,283	$ 176,887	$ 181,663
1835	Overhead Conductors & Devices		$ 435,629	$ 194,412	$ 211,408	$ 230,568	$ 246,157	$ 251,197	$ 257,877
1840	Underground Conduit		$ 100,770	$ 65,746	$ 66,590	$ 68,363	$ 72,085	$ 73,485	$ 75,340
1845	Underground Conductors & Devices		$ 218,274	$ 148,260	$ 159,846	$ 170,886	$ 181,522	$ 184,875	$ 189,874
1850	Line Transformers		$ 277,639	$ 151,651	$ 161,023	$ 213,390	$ 229,149	$ 233,850	$ 240,079
1855	Services (Overhead & Underground)		$ 144,542	$ 67,625	$ 74,557	$ 83,970	$ 93,946	$ 103,009	$ 112,071
1860	Meters		$ 114,956	$ 310,677				$ -	$ -
1860	Meters (Smart Meters)				$ 318,105	$ 321,765	$ 341,033	$ 351,393	$ 361,164
1905	Land							$ -	$ -
1908	Buildings & Fixtures							$ -	$ -
1910	Leasehold Improvements		$ 4,234	$ 3,893	$ 4,805	$ 6,387	$ 7,923	$ 8,368	$ 8,686
1915	Office Furniture & Equipment (10 years)		$ 4,720	$ 5,093	$ 2,424	$ 4,139	$ 4,111	$ 4,111	$ 4,111
1915	Office Furniture & Equipment (5 years)							$ -	$ -
1920	Computer Equipment - Hardware							$ -	$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)							$ -	$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)		$ 4,593	$ 14,850	$ 24,029	$ 28,568	$ 31,906	$ 36,401	$ 38,501
1930	Transportation Equipment		$ 277,988	$ 260,859	$ 216,635	$ 155,910	$ 192,984	$ 201,421	$ 202,671
1935	Stores Equipment	$ -						$ -	$ -
1940	Tools, Shop & Garage Equipment		$ 14,987	$ 21,830	$ 21,336	$ 16,109	$ 16,743	$ 18,930	$ 20,180
1945	Measurement & Testing Equipment		$ 1,426	$ 1,808	$ 1,808	$ 2,847	$ 3,885	$ 3,885	$ 3,885
1950	Power Operated Equipment		$ 6,429	$ 8,012	$ 8,011	-$ 1,959	$ 27,665	$ 27,665	$ 27,665
1955	Communications Equipment						$ 3,192	$ 3,192	$ 3,192
1955	Communication Equipment (Smart Meters)							$ -	$ -
1960	Miscellaneous Equipment							$ -	$ -
1970	Load Management Controls Customer Premises							$ -	$ -
1975	Load Management Controls Utility Premises							$ -	$ -
1980	System Supervisor Equipment		$ 10,698	$ 47,015		$ 58,431	$ 83,657	$ 88,657	$ 97,657
1985	Miscellaneous Fixed Assets							$ -	$ -
1990	Other Tangible Property							$ -	$ -
1995	Contributions & Grants		-$ 217,267	-$ 106,624		-$ 126,689	-$ 113,174	-$ 113,174	-$ 113,174
2440	Deferred Revenue[5]				-$ 119,932	-$ 5,564	-$ 10,843	-$ 25,673	-$ 40,502
		$ -	**$ 1,727,485**	**$ 1,435,333**	**$ 1,467,256**	**$ 1,525,420**	**$ 1,738,527**	**$ 1,794,418**	**$ 1,842,780**

TABLE 4-33: 2012 ACTUALS - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION - CGAAP

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		CGAAP	CGAAP	CGAAP	
1611	Computer Software (Formally known as Account 1925)	$ 1,085,463	$ 630,087	$ 68,496	6.31%
1612	Land Rights (Formally known as Account 1906)	$ 42,932	$ -	$ -	0.00%
1805	Land	$ 103,344	$ -	$ -	0.00%
1808	Buildings	$ 195,951	$ 71,327	$ 7,386	3.77%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	
1820	Distribution Station Equipment <50 kV	$ 604,689	$ 187,750	$ 23,268	3.85%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 6,051,734	$ 2,426,443	$ 228,717	3.78%
1835	Overhead Conductors & Devices	$ 11,314,399	$ 7,340,456	$ 435,629	3.85%
1840	Underground Conduit	$ 2,687,172	$ 289,608	$ 100,770	3.75%
1845	Underground Conductors & Devices	$ 5,677,683	$ 805,638	$ 218,274	3.84%
1850	Line Transformers	$ 7,280,070	$ 1,226,137	$ 277,639	3.81%
1855	Services (Overhead & Underground)	$ 3,903,443	$ 1,418,656	$ 144,542	3.70%
1860	Meters	$ 2,945,678	$ 470,562	$ 114,956	3.90%
1860	Meters (Smart Meters)	$ -	$ -	$ -	
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 187,457	$ 13,198	$ 4,234	2.26%
1915	Office Furniture & Equipment (10 years)	$ 86,364	$ 63,198	$ 4,720	5.47%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 45,925	$ 4,593	$ 4,593	10.00%
1930	Transportation Equipment	$ 2,671,828	$ 1,745,873	$ 277,988	10.40%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 175,798	$ 95,858	$ 14,987	8.53%
1945	Measurement & Testing Equipment	$ 14,462	$ 3,461	$ 1,426	9.86%
1950	Power Operated Equipment	$ 64,091	$ 12,197	$ 6,429	10.03%
1955	Communications Equipment	$ -	$ -	$ -	
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 213,965	$ 10,698	$ 10,698	5.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 5,344,138	-$ 864,386	-$ 217,267	4.07%
2440	Deferred Revenue[5]		$ -	$ -	
		$ 40,110,141	**$ 16,053,187**	**$ 1,727,485**	

TABLE 4-34: 2013 ACTUALS - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION – Revised CGAAP

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		Revised CGAAP	Revised CGAAP	Revised CGAAP	
1611	Computer Software (Formally known as Account 1925)	$ 1,140,133	$ 737,541	$ 107,454	9.42%
1612	Land Rights (Formally known as Account 1906)	$ 43,879	$ -	$ -	0.00%
1805	Land	$ 104,039	$ -	$ -	0.00%
1808	Buildings	$ 220,868	$ 75,074	$ 3,747	1.70%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	
1820	Distribution Station Equipment <50 kV	$ 621,279	$ 198,234	$ 10,484	1.69%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 6,560,608	$ 2,544,985	$ 118,542	1.81%
1835	Overhead Conductors & Devices	$ 12,084,530	$ 7,035,076	$ 194,412	1.61%
1840	Underground Conduit	$ 2,733,954	$ 355,354	$ 65,746	2.40%
1845	Underground Conductors & Devices	$ 6,057,043	$ 953,898	$ 148,260	2.45%
1850	Line Transformers	$ 7,819,613	$ 1,267,670	$ 151,651	1.94%
1855	Services (Overhead & Underground)	$ 4,235,508	$ 1,486,280	$ 67,625	1.60%
1860	Meters	$ 1,667,514	$ 1,198,433	$ 310,677	18.63%
1860	Meters (Smart Meters)	$ 3,117,386	$ -	$ -	0.00%
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 240,730	$ 17,091	$ 3,893	1.62%
1915	Office Furniture & Equipment (10 years)	$ 89,423	$ 68,291	$ 5,093	5.70%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 103,139	$ 19,443	$ 14,850	14.40%
1930	Transportation Equipment	$ 3,011,860	$ 1,960,132	$ 260,859	8.66%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 192,239	$ 117,688	$ 21,830	11.36%
1945	Measurement & Testing Equipment	$ 14,462	$ 5,269	$ 1,808	12.50%
1950	Power Operated Equipment	$ 64,091	$ 20,209	$ 8,012	12.50%
1955	Communications Equipment	$ -	$ -	$ -	
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 256,181	$ 57,713	$ 47,015	18.35%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 6,790,435	-$ 971,011	-$ 106,624	1.57%
2440	Deferred Revenue[5]				
		$ 43,689,878	**$ 17,249,204**	**$ 1,435,333**	

TABLE 4-35: 2014 ACTUALS - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION - MIFRS

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		MIFRS	MIFRS	MIFRS	
1611	Computer Software (Formally known as Account 1925)	$ 1,227,691	$ 896,781	$ 159,241	12.97%
1612	Land Rights (Formally known as Account 1906)	$ 43,879	$ -	$ -	0.00%
1805	Land	$ 104,039	$ -	$ -	0.00%
1808	Buildings	$ 224,882	$ 79,063	$ 3,989	1.77%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	
1820	Distribution Station Equipment <50 kV	$ 617,564	$ 208,826	$ 10,591	1.72%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 7,711,126	$ 2,646,159	$ 142,789	1.85%
1835	Overhead Conductors & Devices	$ 13,352,040	$ 7,244,584	$ 211,408	1.58%
1840	Underground Conduit	$ 2,763,114	$ 421,944	$ 66,590	2.41%
1845	Underground Conductors & Devices	$ 6,719,334	$ 1,112,622	$ 159,846	2.38%
1850	Line Transformers	$ 8,258,464	$ 1,259,688	$ 161,023	1.95%
1855	Services (Overhead & Underground)	$ 4,735,335	$ 1,560,838	$ 74,557	1.57%
1860	Meters	$ 1,657,485	$ 1,198,433	$ -	0.00%
1860	Meters (Smart Meters)	$ 3,210,855	$ 309,952	$ 318,105	9.91%
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 287,786	$ 21,895	$ 4,805	1.67%
1915	Office Furniture & Equipment (10 years)	$ 91,818	$ 70,716	$ 2,424	2.64%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 137,157	$ 43,473	$ 24,029	17.52%
1930	Transportation Equipment	$ 3,106,751	$ 2,148,461	$ 216,635	6.97%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 216,043	$ 139,024	$ 21,336	9.88%
1945	Measurement & Testing Equipment	$ 14,462	$ 7,077	$ 1,808	12.50%
1950	Power Operated Equipment	$ 64,091	$ 28,220	$ 8,011	12.50%
1955	Communications Equipment	$ -	$ -	$ -	
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 260,037	$ 57,713	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 6,790,435	-$ 971,011	$ -	0.00%
2440	Deferred Revenue[5]	-$ 810,946	-$ 119,932	-$ 119,932	14.79%
		$ 47,304,405	**$ 18,466,359**	**$ 1,467,256**	

TABLE 4-36: 2015 ACTUALS - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION - MIFRS

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		MIFRS	MIFRS	MIFRS	
1611	Computer Software (Formally known as Account 1925)	$ 1,446,052	$ 1,020,368	$ 123,587	8.55%
1612	Land Rights (Formally known as Account 1906)	$ 43,879	$ -	$ -	0.00%
1805	Land	$ 104,039	$ -	$ -	0.00%
1808	Buildings	$ 253,270	$ 83,321	$ 4,259	1.68%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ 201,826	$ -	
1820	Distribution Station Equipment <50 kV	$ 566,197	$ -	$ 9,728	1.72%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 8,389,746	$ 2,744,057	$ 160,727	1.92%
1835	Overhead Conductors & Devices	$ 14,325,844	$ 7,465,468	$ 230,568	1.61%
1840	Underground Conduit	$ 2,877,038	$ 490,307	$ 68,363	2.38%
1845	Underground Conductors & Devices	$ 7,017,532	$ 1,283,508	$ 170,886	2.44%
1850	Line Transformers	$ 8,898,199	$ 1,487,577	$ 213,390	2.40%
1855	Services (Overhead & Underground)	$ 5,340,994	$ 1,644,807	$ 83,970	1.57%
1860	Meters	$ -	$ -	$ -	
1860	Meters (Smart Meters)	$ 5,133,176	$ 1,783,927	$ 321,765	6.27%
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 414,833	$ 28,283	$ 6,387	1.54%
1915	Office Furniture & Equipment (10 years)	$ 97,709	$ 74,855	$ 4,139	4.24%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 148,529	$ 72,041	$ 28,568	19.23%
1930	Transportation Equipment	$ 3,193,997	$ 2,179,045	$ 155,910	4.88%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 228,294	$ 155,133	$ 16,109	7.06%
1945	Measurement & Testing Equipment	$ 31,082	$ 9,923	$ 2,847	9.16%
1950	Power Operated Equipment	$ 223,086	$ 26,261	-$ 1,959	-0.88%
1955	Communications Equipment	$ -	$ -	$ -	
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 324,269	$ 116,143	$ 58,431	18.02%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 6,790,435	-$ 1,097,700	-$ 126,689	1.87%
2440	Deferred Revenue[5]	-$ 1,478,665	-$ 125,496	-$ 5,564	0.38%
		$ 50,890,499	**$ 19,745,487**	**$ 1,525,420**	

TABLE 4-37: 2016 ACTUALS - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION - MIFRS

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		MIFRS	MIFRS	MIFRS	
1611	Computer Software (Formally known as Account 1925)	$ 1,473,052	$ 1,107,800	$ 139,054	9.44%
1612	Land Rights (Formally known as Account 1906)	$ 45,679	$ -	$ -	0.00%
1805	Land	$ 178,544	$ -	$ -	0.00%
1808	Buildings	$ 256,463	$ 87,843	$ 4,522	1.76%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	
1820	Distribution Station Equipment <50 kV	$ 566,197	$ 211,553	$ 9,728	1.72%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 8,861,005	$ 2,839,763	$ 173,283	1.96%
1835	Overhead Conductors & Devices	$ 14,872,610	$ 7,371,260	$ 246,157	1.66%
1840	Underground Conduit	$ 3,098,041	$ 562,392	$ 72,085	2.33%
1845	Underground Conductors & Devices	$ 7,420,132	$ 1,208,589	$ 181,522	2.45%
1850	Line Transformers	$ 9,246,202	$ 1,529,179	$ 229,149	2.48%
1855	Services (Overhead & Underground)	$ 5,932,575	$ 1,738,753	$ 93,946	1.58%
1860	Meters	$ -	$ -	$ -	
1860	Meters (Smart Meters)	$ 5,379,222	$ 2,124,961	$ 341,033	6.34%
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 456,646	$ 36,205	$ 7,923	1.73%
1915	Office Furniture & Equipment (10 years)	$ 97,709	$ 78,965	$ 4,111	4.21%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 170,532	$ 103,947	$ 31,906	18.71%
1930	Transportation Equipment	$ 3,053,163	$ 1,841,558	$ 192,984	6.32%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 243,783	$ 171,876	$ 16,743	6.87%
1945	Measurement & Testing Equipment	$ 31,082	$ 13,809	$ 3,885	12.50%
1950	Power Operated Equipment	$ 224,659	$ 53,926	$ 27,665	12.31%
1955	Communications Equipment	$ 31,915	$ 3,192	$ 3,192	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 512,299	$ 199,800	$ 83,657	16.33%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 6,790,435	-$ 1,310,532	-$ 113,174	1.67%
2440	Deferred Revenue[5]	-$ 2,671,415	-$ 136,339	-$ 10,843	0.41%
		$ 52,791,497	**$ 19,940,333**	**$ 1,738,527**	

TABLE 4-38: 2017 BRIDGE - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION - MIFRS

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		MIFRS	MIFRS	MIFRS	
1611	Computer Software (Formally known as Account 1925)	$ 1,508,052	$ 1,252,688	$ 144,888	9.61%
1612	Land Rights (Formally known as Account 1906)	$ 45,679	$ -	$ -	0.00%
1805	Land	$ 178,544	$ -	$ -	0.00%
1808	Buildings	$ 1,004,806	$ 99,168	$ 11,325	1.13%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	
1820	Distribution Station Equipment <50 kV	$ 566,197	$ 221,281	$ 9,728	1.72%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 9,221,368	$ 3,016,650	$ 176,887	1.92%
1835	Overhead Conductors & Devices	$ 15,477,455	$ 7,622,457	$ 251,197	1.62%
1840	Underground Conduit	$ 3,224,033	$ 635,876	$ 73,485	2.28%
1845	Underground Conductors & Devices	$ 7,721,897	$ 1,393,465	$ 184,875	2.39%
1850	Line Transformers	$ 9,622,230	$ 1,763,028	$ 233,850	2.43%
1855	Services (Overhead & Underground)	$ 7,020,075	$ 1,841,762	$ 103,009	1.47%
1860	Meters	$ -	$ -	$ -	
1860	Meters (Smart Meters)	$ 5,627,850	$ 2,476,354	$ 351,393	6.24%
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 505,646	$ 44,573	$ 8,368	1.65%
1915	Office Furniture & Equipment (10 years)	$ 97,709	$ 83,076	$ 4,111	4.21%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 215,482	$ 140,348	$ 36,401	16.89%
1930	Transportation Equipment	$ 3,188,163	$ 2,042,979	$ 201,421	6.32%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 278,783	$ 190,806	$ 18,930	6.79%
1945	Measurement & Testing Equipment	$ 31,082	$ 17,694	$ 3,885	12.50%
1950	Power Operated Equipment	$ 224,659	$ 81,591	$ 27,665	12.31%
1955	Communications Equipment	$ 31,915	$ 6,383	$ 3,192	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 562,299	$ 288,457	$ 88,657	15.77%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 6,790,435	-$ 1,423,706	-$ 113,174	1.67%
2440	Deferred Revenue[5]	-$ 3,323,915	-$ 162,012	-$ 25,673	0.77%
		$ 56,341,410	**$ 21,734,751**	**$ 1,794,418**	

TABLE 4-39: 2018 TEST - ASSET AMOUNT, ACCUMULATED AMORTIZATION, DEPRECIATION AMOUNT & RATE OF DEPRECIATION – MIFRS

USoA	Description	Gross Asset	Accumulated Amortization	Depreciation Expense	Depreciation Rate
Reporting Basis		MIFRS	MIFRS	MIFRS	
1611	Computer Software (Formally known as Account 1925)	$ 1,543,052	$ 1,403,409	$ 150,721	9.77%
1612	Land Rights (Formally known as Account 1906)	$ 45,679	$ -	$ -	0.00%
1805	Land	$ 178,544	$ -	$ -	0.00%
1808	Buildings	$ 1,012,806	$ 110,559	$ 11,391	1.12%
1810	Leasehold Improvements	$ -	$ -	$ -	
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	
1820	Distribution Station Equipment <50 kV	$ 566,197	$ 231,009	$ 9,728	1.72%
1825	Storage Battery Equipment	$ -	$ -	$ -	
1830	Poles, Towers & Fixtures	$ 9,698,957	$ 3,198,313	$ 181,663	1.87%
1835	Overhead Conductors & Devices	$ 16,279,057	$ 7,880,335	$ 257,877	1.58%
1840	Underground Conduit	$ 3,391,011	$ 711,216	$ 75,340	2.22%
1845	Underground Conductors & Devices	$ 8,121,826	$ 1,583,339	$ 189,874	2.34%
1850	Line Transformers	$ 10,120,581	$ 2,003,108	$ 240,079	2.37%
1855	Services (Overhead & Underground)	$ 8,107,575	$ 1,953,834	$ 112,071	1.38%
1860	Meters	$ -	$ -	$ -	
1860	Meters (Smart Meters)	$ 5,862,350	$ 2,837,518	$ 361,164	6.16%
1905	Land	$ -	$ -	$ -	
1908	Buildings & Fixtures	$ -	$ -	$ -	
1910	Leasehold Improvements	$ 540,646	$ 53,260	$ 8,686	1.61%
1915	Office Furniture & Equipment (10 years)	$ 97,709	$ 87,186	$ 4,111	4.21%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	
1920	Computer Equipment - Hardware	$ 97,941	$ 97,941	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ 3,892	$ 3,892	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 236,482	$ 178,849	$ 38,501	16.28%
1930	Transportation Equipment	$ 3,208,163	$ 2,245,650	$ 202,671	6.32%
1935	Stores Equipment	$ -	$ -	$ -	
1940	Tools, Shop & Garage Equipment	$ 298,783	$ 210,986	$ 20,180	6.75%
1945	Measurement & Testing Equipment	$ 31,082	$ 21,579	$ 3,885	12.50%
1950	Power Operated Equipment	$ 224,659	$ 109,256	$ 27,665	12.31%
1955	Communications Equipment	$ 31,915	$ 9,575	$ 3,192	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	
1960	Miscellaneous Equipment	$ -	$ -	$ -	
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	
1980	System Supervisor Equipment	$ 652,299	$ 386,114	$ 97,657	14.97%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	
1990	Other Tangible Property	$ -	$ -	$ -	
1995	Contributions & Grants	-$ 6,790,435	-$ 1,536,880	-$ 113,174	1.67%
2440	Deferred Revenue[5]	-$ 3,976,415	-$ 202,514	-$ 40,502	1.02%
		$ 59,584,360	**$ 23,577,531**	**$ 1,842,780**	

ASSET RETIREMENT OBLIGATIONS

ETPL does not have any material Asset Retirement Obligations (“AROs”), associated depreciation or accretion expenses in relation to the AROs to report as part of this Application.

DEPRECIATION PRACTICES - USEFUL LIVES AND COMPONENTIZATION

TABLE 4-40: SERVICE LIFE COMPARISON

		Asset Details			Useful Life			USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of Min, Max TUL?	
Parent*	#	Category| Component | Type			MIN UL	TUL	MAX UL			Years	Rate	Years	Rate	Below Min TUL	Above Max TUL
OH	1	Fully Dressed Wood Poles	Overall		35	45	75	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
				Steel	30	70	95	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
	2	Fully Dressed Concrete Poles	Overall		50	60	80	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
				Steel	30	70	95	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
	3	Fully Dressed Steel Poles	Overall		60	60	80	1830	Poles, Towers, and Fixtures	25	4%	60	2%	No	No
			Cross Arm	Wood	20	40	55	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
				Steel	30	70	95	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
	4	OH Line Switch			30	45	55	1835	Overhead Conductors and Devices	25	4%	60	2%	No	Yes
	5	OH Line Switch Motor			15	25	25								
	6	OH Line Switch RTU			15	20	20								
	7	OH Integral Switches			35	45	60	1835	Overhead Conductors and Devices	25	4%	60	2%	No	No
	8	OH Conductors			50	60	75	1835	Overhead Conductors and Devices	25	4%	60	2%	No	No
	9	OH Transformers & Voltage Regulators			30	40	60	1850	Line Transformers	25	4%	40	3%	No	No
	10	OH Shunt Capacitor Banks			25	30	40								
	11	Reclosers			25	40	55	1850	Line Transformers	25	4%	40	3%	No	No
TS & MS	12	Power Transformers	Overall		30	45	60	1850	Line Transformers	25	4%	40	3%	No	No
			Bushing		10	20	30	1850	Line Transformers	25	4%	40	3%	No	Yes
			Tap Changer		20	30	60	1850	Line Transformers	25	4%	40	3%	No	No
	13	Station Service Transformer			30	45	55	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	Yes
	14	Station Grounding Transformer			30	40	40	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	Yes
	15	Station DC System	Overall		10	20	30	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	Yes
			Battery Bank		10	15	15	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	Yes
			Charger		20	20	30	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	Yes
	16	Station Metal Clad Switchgear	Overall		30	40	60	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	No
			Removable Breaker		25	40	60	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	No
	17	Station Independent Breakers			35	45	65	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	No
	18	Station Switch			30	50	60	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	No
	19	Electromechanical Relays			25	35	50	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	Yes
	20	Solid State Relays			10	30	45								
	21	Digital & Numeric Relays			15	20	20								
	22	Rigid Busbars			30	55	60	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	No
	23	Steel Structure			35	50	90	1820	Distribution Station Equipment - Normally Primary Below 50 kV	25	4%	60	2%	No	No
UG	24	Primary Paper Insulated Lead Covered (PILC) Cables			60	65	75	1845	Underground Conductors and Devices	25	4%	40	3%	Yes	No
	25	Primary Ethylene-Propylene Rubber (EPR) Cables			20	25	25								
	26	Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried			20	25	30	1845	Underground Conductors and Devices	25	4%	40	3%	No	Yes
	27	Primary Non-TR XLPE Cables in Duct			20	25	30	1845	Underground Conductors and Devices	25	4%	40	3%	No	Yes
	30	Secondary PILC Cables			70	75	80								
	31	Secondary Cables Direct Buried			25	35	40	1845	Underground Conductors and Devices	25	4%	40	3%	No	No
	32	Secondary Cables in Duct			35	40	60	1845	Underground Conductors and Devices	25	4%	40	3%	No	No
	33	Network Tranformers	Overall		20	35	50	1850	Line Transformers	25	4%	40	3%	No	No
			Protector		20	35	40	1850	Line Transformers	25	4%	40	3%	No	No
	34	Pad-Mounted Transformers			25	40	45	1850	Line Transformers	25	4%	40	3%	No	No
	35	Submersible/Vault Transformers			25	35	45	1850	Line Transformers	25	4%	40	3%	No	No
	36	UG Foundation			35	55	70	1850	Line Transformers	25	4%	40	3%	No	No
	37	UG Vaults	Overall		40	60	80	1850	Line Transformers	25	4%	40	3%	No	No
			Roof		20	30	45	1850	Line Transformers	25	4%	40	3%	No	No
	38	UG Vault Switches			20	35	50	1850	Line Transformers	25	4%	40	3%	No	No
	39	Pad-Mounted Switchgear			20	30	45	1850	Line Transformers	25	4%	40	3%	No	No
	40	Ducts			30	50	85	1840	Underground Conduit	25	4%	45	2%	No	No
	41	Concrete Encased Duct Banks			35	55	80	1840	Underground Conduit	25	4%	45	2%	No	No
	42	Cable Chambers			50	60	80								
S	43	Remote SCADA			15	20	30								
	1	Office Equipment			5	15		1915	Office Furniture and Equipment	10	10%	10	10%	No	No
	2	Vehicles	Trucks & Buckets		5	15		1930	Transportation Equipment	8	13%	10	10%	No	No
			Trailers		5	20		1930	Transportation Equipment	8	13%	10	10%	No	No
			Vans		5	10		1930	Transportation Equipment	8	13%	8	13%	No	No
	3	Administrative Buildings			50	75		n/a							
	4	Leasehold Improvements			Lease dependent			1910	Leasehold Improvements	25	4%	55	2%		
	5	Station Buildings	Station Buildings		50	75		1808	Buildings and Fixtures	25	4%	55	2%	No	No
			Parking		25	30		1808	Buildings and Fixtures	25	4%	55	2%	No	Yes
			Fence		25	60		1808	Buildings and Fixtures	25	4%	55	2%	No	No
			Roof		20	30		1808	Buildings and Fixtures	25	4%	55	2%	No	Yes
	6	Computer Equipment	Hardware		3	5		1920	Computer Equipment - Hardware	5	20%	5	20%	No	No
			Software		2	5		1611	Computer Software	3	33%	3	33%	No	No
	7	Equipment	Power Operated		5	10		1950	Power Operated Equipment	10	10%	8	13%	No	No
			Stores		5	10									
			Tools, Shop, Garage		5	10		1940	Tools, Shop and Garage Equipment	10	10%	8	13%	No	No
			Measurement & Tes		5	10		1945	Measurement and Testing Equipment	10	10%	8	13%	No	No
	8	Communication	Towers		60	70									
			Wireless		2	10		1955	Communication Equipment	0		5	20%	No	No
	9	Residential Energy Meters			25	35									
	10	Industrial/Commercial Energy Meters			25	35		1860	Meters	25	4%	25	4%	No	No
	11	Wholesale Energy Meters			15	30		1860	Meters	25	4%	25	4%	No	No
	12	Current & Potential Transformer (CT & PT)			35	50		1860	Meters	25	4%				
	13	Smart Meters			5	15		1860	Meters	25	4%	12	8%	No	No
	14	Repeaters - Smart Metering			10	15		1860	Meters	25	4%	12	8%	No	No
	15	Data Collectors - Smart Metering			15	20		1955	Meters	25	4%	5	20%	Yes	No

Table 4-41 provides details for the asset group that falls outside the range provided in the ETPL Kinectrics Report.

TABLE 4-41: ASSET GROUP OUTSIDE KINECTRICS RANGE

Asset Group	Component	USoA Account Number	Useful Life			
			ETPL Proposed	MIN UL	TUL	MAX UL
OH Line Switch		1830	60	30	45	55
Power Transformers	Bushings	1850	40	10	20	30
Station Service Transformer		1820	60	30	45	55
Station Grounding Transformer		1820	60	30	40	40
Station DC System	Overall	1820	60	10	20	30
	Battery Bank	1820	60	10	15	15
	Charger	1820	60	20	20	30
Electromechanical Relays		1820	60	25	35	50
Primary Paper Insulated Lead Covered (PILC) Cables		1835	40	60	65	75
Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried		1835	40	20	25	30
Primary Non-TR XLPE Cables in Duct		1835	40	20	25	30
Data Collectors - Smart Metering		1860	5	15	20	

ETPL has proposed several useful lives that are different or outside the range of the Kinetrics Report. ETPL notes that while the majority of these asset classes are in excess of the Max UL of the component or below the Min UL, ETPL did not componentize to a discrete level that impacted the components detailed by the Kinetrics Report. Therefore, ETPL has listed the useful life for the major account group. ETPL notes that in most cases detailed here, ETPL has forecasted a longer useful life than Kinetrics and that this will ensure that the customer will pay an amortization cost than is less than what would have been paid if the useful lives were the same as the report. It is important to note that in many cases ETPL would not have any of the assets listed employed in its Distribution System.

The only non-compliant useful life on this list that ETPL specifically tracks and utilizes in its operation is the Data Collectors Smart Metering. ETPL changed this useful life to an appropriate value for what it was realizing as part of its operation. In the past ETPL has realized consistent failure of its collectors within 5 years of installation and as a result in order to avoid writing off unamortized amounts for these assets ETPL adjusted its useful life and vetted the change through its external auditor.

DEPRECIATION EXPENSE

In accordance with the filing requirements, ETPL has completed the following depreciation and amortization expense tables:

- Table 4-42 – 2013 CGAAP, consistent with the Board's Appendix 2-C, a copy of which is found as Attachment 4K to this Exhibit;
- Table 4-43 – 2013 Revised CGAAP, consistent with the Board's Appendix 2-C, a copy of which is found as Attachment 4K to this Exhibit;
- Table 4-44 – 2014 MIFRS, consistent with the Board's Appendix 2-C, a copy of which is found as Attachment 4K to this Exhibit;
- Table 4-45 – 2017 Bridge Year under MIFRS, consistent with the Board's Appendix 2-C, a copy of which is found as Attachment 4K to this Exhibit; and
- Table 4-46 – 2018 Test Year under MIFRS, consistent with the Board's Appendix 2-C, a copy of which is found as Attachment 4K to this Exhibit.

ETPL does not have any forecasted material differences on the transition to MIFRS from CGAAP, thus, a 2014 CGAAP statement was not required.

TABLE 4-42: DEPRECIATION AND AMORTIZATION EXPENSE - 2013 CGAAP

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 455,376	$ 8,216	$ 447,160	$ 54,671		$ 54,671	$ 54,671	1.26	79.46%	3.00	33.33%	$ 355,293	$ 18,224	$ 9,112	$ 382,628	$ 737,541	$ 354,913
1612	Land Rights (Formally known as Account 1906)	$ 42,932		$ 42,932	$ 947		$ 947	$ 947		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 103,344		$ 103,344	$ 695		$ 695	$ 695		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 124,624		$ 124,624	$ 24,917		$ 24,917	$ 24,917	38.16	2.62%	60.00	1.67%	$ 3,266	$ 415	$ 208	$ 3,889	$ 75,074	$ 71,185
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 416,939		$ 416,939	$ 16,591		$ 16,591	$ 16,591	41.37	2.42%	60.00	1.67%	$ 10,078	$ 277	$ 138	$ 10,493	$ 198,234	$ 187,742
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 3,625,291		$ 3,625,291	$ 508,874		$ 508,874	$ 508,874	29.95	3.34%	50.00	2.00%	$ 121,035	$ 10,177	$ 5,089	$ 136,301	$ 2,544,985	$ 2,408,684
1835	Overhead Conductors & Devices	$ 3,973,943		$ 3,973,943	$ 770,131		$ 770,131	$ 770,131	21.07	4.75%	60.00	1.67%	$ 188,573	$ 12,836	$ 6,418	$ 207,827	$ 7,035,076	$ 6,827,249
1840	Underground Conduit	$ 2,397,565		$ 2,397,565	$ 46,781		$ 46,781	$ 46,781	40.15	2.49%	45.00	2.22%	$ 59,715	$ 1,040	$ 520	$ 61,274	$ 355,354	$ 294,079
1845	Underground Conductors & Devices	$ 4,872,045		$ 4,872,045	$ 379,360		$ 379,360	$ 379,360	38.61	2.59%	45.00	2.22%	$ 126,171	$ 8,430	$ 4,215	$ 138,816	$ 953,898	$ 815,082
1850	Line Transformers	$ 6,053,932		$ 6,053,932	$ 649,661		$ 649,661	$ 649,661	33.26	3.01%	40.00	2.50%	$ 182,002	$ 16,242	$ 8,121	$ 206,364	$ 1,267,670	$ 1,061,306
1855	Services (Overhead & Underground)	$ 2,484,788		$ 2,484,788	$ 332,065		$ 332,065	$ 332,065	38.19	2.62%	60.00	1.67%	$ 65,057	$ 5,534	$ 2,767	$ 73,359	$ 1,486,280	$ 1,412,921
1860	Meters	$ 2,475,116		$ 2,475,116	$ 35,278		$ 35,278	$ 35,278	37.91	2.64%	25.00	4.00%	$ 65,289	$ 1,411	$ 706	$ 67,406	$ 1,198,433	$ 1,131,027
1860	Meters (Smart Meters)	$ -		$ -	$ 229,651		$ 229,651	$ 229,651	-	0.00%	12.00	8.33%	$ -	$ 19,138	$ 9,569	$ 28,706		-$ 28,706
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 174,259		$ 174,259	$ 53,273		$ 53,273	$ 53,273	51.13	1.96%	55.00	1.82%	$ 3,408	$ 969	$ 484	$ 4,861	$ 17,091	$ 12,230
1915	Office Furniture & Equipment (10 years)	$ 23,165		$ 23,165	$ 3,059		$ 3,059	$ 3,059	2.68	37.28%	10.00	10.00%	$ 8,636	$ 306	$ 153	$ 9,095	$ 68,291	$ 59,196
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 19,443	$ 19,443
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 41,332		$ 41,332	$ 57,214		$ 57,214	$ 57,214	4.50	22.22%	5.00	20.00%	$ 9,185	$ 11,443	$ 5,721	$ 26,349	$ 97,941	$ 71,592
1930	Transportation Equipment	$ 925,955		$ 925,955	$ 386,632		$ 386,632	$ 386,632	2.77	36.07%	8.00	12.50%	$ 333,978	$ 48,329	$ 24,164	$ 406,472	$ 1,960,132	$ 1,553,660
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 79,940		$ 79,940	$ 16,442		$ 16,442	$ 16,442	4.55	21.99%	10.00	10.00%	$ 17,580	$ 1,644	$ 822	$ 20,046	$ 117,688	$ 97,642
1945	Measurement & Testing Equipment	$ 11,001		$ 11,001	$ -		$ -	$ -	6.09	16.43%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 5,269	$ 3,461
1950	Power Operated Equipment	$ 51,894		$ 51,894	$ -		$ -	$ -	6.48	15.44%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 20,209	$ 12,197
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 203,267		$ 203,267	$ 42,216		$ 42,216	$ 42,216	4.75	21.05%	5.00	20.00%	$ 42,793	$ 8,443	$ 4,222	$ 55,458	$ 57,713	$ 2,255
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 4,479,752		-$ 4,479,752	-$ 1,446,296		-$ 1,446,296	-$ 1,446,296	20.96	4.77%	25.00	4.00%	-$ 213,766	-$ 57,852	-$ 28,926	-$ 300,543	-$ 971,011	-$ 670,467
	Total	**$ 24,056,954**	**$ 8,216**	**$ 24,048,738**	**$ 2,162,162**	**$ -**	**$ 2,162,162**	**$ 2,162,162**					**$ 1,388,113**	**$ 107,005**	**$ 53,502**	**$ 1,548,620**	**$ 17,249,204**	**$ 15,700,583**

1 **TABLE 4-43: DEPRECIATION AND AMORTIZATION EXPENSE - 2013**
2 **REVISED CGAAP**

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 455,376	$ 8,216	$ 447,160	$ 54,671		$ 54,671	$ 54,671	1.26	79.46%	3.00	33.33%	$ 355,293	$ 18,224	$ 9,112	$ 382,628	$ 737,541	$ 354,913
1612	Land Rights (Formally known as Account 1906)	$ 42,932		$ 42,932	$ 947		$ 947	$ 947		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 103,344		$ 103,344	$ 695		$ 695	$ 695		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 124,624		$ 124,624	$ 24,917		$ 24,917	$ 24,917	38.16	2.62%	60.00	1.67%	$ 3,266	$ 415	$ 208	$ 3,889	$ 75,074	$ 71,185
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 416,939		$ 416,939	$ 16,591		$ 16,591	$ 16,591	41.37	2.42%	60.00	1.67%	$ 10,078	$ 277	$ 138	$ 10,493	$ 198,234	$ 187,742
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 3,625,291		$ 3,625,291	$ 508,874		$ 508,874	$ 508,874	29.95	3.34%	50.00	2.00%	$ 121,035	$ 10,177	$ 5,089	$ 136,301	$ 2,544,985	$ 2,408,684
1835	Overhead Conductors & Devices	$ 3,973,943		$ 3,973,943	$ 770,131		$ 770,131	$ 770,131	21.07	4.75%	60.00	1.67%	$ 188,573	$ 12,836	$ 6,418	$ 207,827	$ 7,035,076	$ 6,827,249
1840	Underground Conduit	$ 2,397,565		$ 2,397,565	$ 46,781		$ 46,781	$ 46,781	40.15	2.49%	45.00	2.22%	$ 59,715	$ 1,040	$ 520	$ 61,274	$ 355,354	$ 294,079
1845	Underground Conductors & Devices	$ 4,872,045		$ 4,872,045	$ 379,360		$ 379,360	$ 379,360	38.61	2.59%	45.00	2.22%	$ 126,171	$ 8,430	$ 4,215	$ 138,816	$ 953,898	$ 815,082
1850	Line Transformers	$ 6,053,932		$ 6,053,932	$ 649,661		$ 649,661	$ 649,661	33.26	3.01%	40.00	2.50%	$ 182,002	$ 16,242	$ 8,121	$ 206,364	$ 1,267,670	$ 1,061,306
1855	Services (Overhead & Underground)	$ 2,484,788		$ 2,484,788	$ 332,065		$ 332,065	$ 332,065	38.19	2.62%	60.00	1.67%	$ 65,057	$ 5,534	$ 2,767	$ 73,359	$ 1,486,280	$ 1,412,921
1860	Meters	$ 2,475,116		$ 2,475,116	$ 35,278		$ 35,278	$ 35,278	37.91	2.64%	25.00	4.00%	$ 65,289	$ 1,411	$ 706	$ 67,406	$ 1,198,433	$ 1,131,027
1860	Meters (Smart Meters)	$ -		$ -	$ 229,651		$ 229,651	$ 229,651	-	0.00%	12.00	8.33%	$ -	$ 19,138	$ 9,569	$ 28,706		-$ 28,706
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 174,259		$ 174,259	$ 53,273		$ 53,273	$ 53,273	51.13	1.96%	55.00	1.82%	$ 3,408	$ 969	$ 484	$ 4,861	$ 17,091	$ 12,230
1915	Office Furniture & Equipment (10 years)	$ 23,165		$ 23,165	$ 3,059		$ 3,059	$ 3,059	2.68	37.28%	10.00	10.00%	$ 8,636	$ 306	$ 153	$ 9,095	$ 68,291	$ 59,196
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 19,443	$ 19,443
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 41,332		$ 41,332	$ 57,214		$ 57,214	$ 57,214	4.50	22.22%	5.00	20.00%	$ 9,185	$ 11,443	$ 5,721	$ 26,349	$ 97,941	$ 71,592
1930	Transportation Equipment	$ 925,955		$ 925,955	$ 386,632		$ 386,632	$ 386,632	2.77	36.07%	8.00	12.50%	$ 333,978	$ 48,329	$ 24,164	$ 406,472	$ 1,960,132	$ 1,553,660
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 79,940		$ 79,940	$ 16,442		$ 16,442	$ 16,442	4.55	21.99%	10.00	10.00%	$ 17,580	$ 1,644	$ 822	$ 20,046	$ 117,688	$ 97,642
1945	Measurement & Testing Equipment	$ 11,001		$ 11,001	$ -		$ -	$ -	6.09	16.43%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 5,269	$ 3,461
1950	Power Operated Equipment	$ 51,894		$ 51,894	$ -		$ -	$ -	6.48	15.44%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 20,209	$ 12,197
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 203,267		$ 203,267	$ 42,216		$ 42,216	$ 42,216	4.75	21.05%	5.00	20.00%	$ 42,793	$ 8,443	$ 4,222	$ 55,458	$ 57,713	$ 2,255
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 4,479,752		-$ 4,479,752	-$ 1,446,296		-$ 1,446,296	-$ 1,446,296	20.96	4.77%	25.00	4.00%	-$ 213,766	-$ 57,852	-$ 28,926	-$ 300,543	-$ 971,011	-$ 670,467
	Total	**$ 24,056,954**	**$ 8,216**	**$ 24,048,738**	**$ 2,162,162**	**$ -**	**$ 2,162,162**	**$ 2,162,162**					**$ 1,388,113**	**$ 107,005**	**$ 53,502**	**$ 1,548,620**	**$ 17,249,204**	**$ 15,700,583**

3

4

TABLE 4-44: DEPRECIATION AND AMORTIZATION EXPENSE - 2014 MIFRS

Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate on Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 402,593	$ 8,268	$ 394,324	$ 87,557		$ 87,557	$ 87,557	1.06	94.40%	3.00	33.33%	$ 372,239	$ 29,186	$ 14,593	$ 416,018	$ 896,781	$ 480,764
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 145,794		$ 145,794	$ 4,014		$ 4,014	$ 4,014	39.61	2.52%	60.00	1.67%	$ 3,681	$ 67	$ 33	$ 3,781	$ 79,063	$ 75,281
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 423,045		$ 423,045	$ -		$ -	$ -	41.10	2.43%	60.00	1.67%	$ 10,293	$ -	$ -	$ 10,293	$ 208,826	$ 198,533
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 4,015,623		$ 4,015,623	$ 1,232,100		$ 1,232,100	$ 1,232,100	30.78	3.25%	50.00	2.00%	$ 130,468	$ 24,642	$ 12,321	$ 167,431	$ 2,646,159	$ 2,478,727
1835	Overhead Conductors & Devices	$ 5,049,454		$ 5,049,454	$ 1,338,932		$ 1,338,932	$ 1,338,932	25.22	3.97%	60.00	1.67%	$ 200,250	$ 22,316	$ 11,158	$ 233,723	$ 7,244,584	$ 7,010,861
1840	Underground Conduit	$ 2,378,600		$ 2,378,600	$ 45,672		$ 45,672	$ 45,672	39.39	2.54%	45.00	2.22%	$ 60,388	$ 1,015	$ 507	$ 61,910	$ 421,944	$ 360,034
1845	Underground Conductors & Devices	$ 5,103,145		$ 5,103,145	$ 698,300		$ 698,300	$ 698,300	38.13	2.62%	45.00	2.22%	$ 133,826	$ 15,518	$ 7,759	$ 157,102	$ 1,112,622	$ 955,520
1850	Line Transformers	$ 6,551,943		$ 6,551,943	$ 552,591		$ 552,591	$ 552,591	33.71	2.97%	40.00	2.50%	$ 194,372	$ 13,815	$ 6,907	$ 215,094	$ 1,359,688	$ 1,144,594
1855	Services (Overhead & Underground)	$ 2,749,228		$ 2,749,228	$ 523,811		$ 523,811	$ 523,811	39.17	2.55%	60.00	1.67%	$ 70,192	$ 8,730	$ 4,365	$ 83,287	$ 1,560,838	$ 1,477,550
1860	Meters	$ 469,081		$ 469,081	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ 1,198,433	$ 1,198,433
1860	Meters (Smart Meters)	$ 3,117,386		$ 3,117,386	$ 134,232		$ 134,232	$ 134,232	12.07	8.29%	12.00	8.33%	$ 258,304	$ 11,186	$ 5,593	$ 275,083	$ 309,952	$ 34,870
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 223,639		$ 223,639	$ 47,056		$ 47,056	$ 47,056	51.10	1.96%	55.00	1.82%	$ 4,377	$ 856	$ 428	$ 5,660	$ 21,895	$ 16,235
1915	Office Furniture & Equipment (10 years)	$ 21,131		$ 21,131	$ 2,395		$ 2,395	$ 2,395	2.36	42.32%	10.00	10.00%	$ 8,942	$ 240	$ 120	$ 9,302	$ 70,716	$ 61,414
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 83,696		$ 83,696	$ 34,018		$ 34,018	$ 34,018	4.06	24.65%	5.00	20.00%	$ 20,628	$ 6,804	$ 3,402	$ 30,833	$ 43,473	$ 12,639
1930	Transportation Equipment	$ 1,051,728	$ 13,809	$ 1,037,919	$ 137,334		$ 137,334	$ 137,334	2.79	35.80%	8.00	12.50%	$ 371,539	$ 17,167	$ 8,583	$ 397,289	$ 2,148,461	$ 1,751,171
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 74,551	$ 7,203	$ 67,348	$ 23,803		$ 23,803	$ 23,803	3.88	25.79%	10.00	10.00%	$ 17,366	$ 2,380	$ 1,190	$ 20,937	$ 139,024	$ 118,087
1945	Measurement & Testing Equipment	$ 9,193		$ 9,193	$ -		$ -	$ -	5.09	19.66%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 7,077	$ 5,269
1950	Power Operated Equipment	$ 43,882		$ 43,882	$ -		$ -	$ -	5.48	18.26%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 28,220	$ 20,209
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 198,468		$ 198,468	$ 3,856		$ 3,856	$ 3,856	3.87	25.82%	5.00	20.00%	$ 51,236	$ 771	$ 386	$ 52,393	$ 57,713	$ 5,320
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,819,424		-$ 5,819,424	$ -		$ -	$ -	21.43	4.67%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 971,011	-$ 699,393
2440	Deferred Revenue				-$ 810,946		-$ 810,946	-$ 810,946	60.00	1.67%	60.00	1.67%	$ -	-$ 13,516	-$ 6,758	-$ 20,274	-$ 119,932	-$ 99,658
	Total	**$ 26,440,674**	**$ 29,281**	**$ 26,411,393**	**$ 4,054,728**	**$ -**	**$ 4,054,728**	**$ 4,054,728**					**$ 1,646,303**	**$ 141,175**	**$ 70,588**	**$ 1,858,066**	**$ 18,566,358**	**$ 16,708,292**

TABLE 4-45: DEPRECIATION AND AMORTIZATION EXPENSE - 2015 MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate on Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 330,909	$ 13,365	$ 317,544	$ 218,361		$ 218,361	$ 218,361	0.81	123.67%	3.00	33.33%	$ 392,702	$ 72,787	$ 36,393	$ 501,882	$ 1,020,368	$ 518,486
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 145,820		$ 145,820	$ 28,387		$ 28,387	$ 28,387	38.91	2.57%	60.00	1.67%	$ 3,748	$ 473	$ 237	$ 4,458	$ 83,321	$ 78,863
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 408,738		$ 408,738	$ 0		$ 0	$ 0	39.71	2.52%	60.00	1.67%	$ 10,293	$ 0	$ 0	$ 10,293	$ 201,826	$ 191,533
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 5,064,968		$ 5,064,968	$ 706,809		$ 706,809	$ 706,809	32.84	3.04%	50.00	2.00%	$ 154,223	$ 14,136	$ 7,068	$ 175,427	$ 2,744,057	$ 2,568,630
1835	Overhead Conductors & Devices	$ 6,107,456		$ 6,107,456	$ 983,489		$ 983,489	$ 983,489	27.45	3.64%	60.00	1.67%	$ 222,534	$ 16,391	$ 8,196	$ 247,121	$ 7,465,468	$ 7,218,346
1840	Underground Conduit	$ 2,341,171		$ 2,341,171	$ 113,924		$ 113,924	$ 113,924	38.13	2.62%	45.00	2.22%	$ 61,403	$ 2,532	$ 1,266	$ 65,200	$ 490,307	$ 425,107
1845	Underground Conductors & Devices	$ 5,606,712		$ 5,606,712	$ 298,197		$ 298,197	$ 298,197	37.55	2.66%	45.00	2.22%	$ 149,319	$ 6,627	$ 3,313	$ 159,258	$ 1,283,508	$ 1,124,250
1850	Line Transformers	$ 6,898,776		$ 6,898,776	$ 725,235		$ 725,235	$ 725,235	33.41	2.99%	40.00	2.50%	$ 206,462	$ 18,131	$ 9,065	$ 233,658	$ 1,487,577	$ 1,253,919
1855	Services (Overhead & Underground)	$ 3,174,497		$ 3,174,497	$ 605,660		$ 605,660	$ 605,660	40.22	2.49%	60.00	1.67%	$ 78,922	$ 10,094	$ 5,047	$ 94,064	$ 1,644,807	$ 1,550,744
1860	Meters	$ 459,052		$ 459,052	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 2,900,903		$ 2,900,903	$ 353,471		$ 353,471	$ 353,471	7.15	13.99%	12.00	8.33%	$ 405,695	$ 29,456	$ 14,728	$ 449,879	$ 1,783,927	$ 1,334,048
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 265,890		$ 265,890	$ 127,047		$ 127,047	$ 127,047	3.00	33.29%	55.00	1.82%	$ 88,515	$ 2,310	$ 1,155	$ 91,980	$ 28,283	-$ 63,697
1915	Office Furniture & Equipment (10 years)	$ 21,102	$ 323	$ 20,779	$ 5,892		$ 5,892	$ 5,892	2.30	43.51%	10.00	10.00%	$ 9,041	$ 589	$ 295	$ 9,925	$ 74,855	$ 64,930
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 93,685		$ 93,685	$ 11,372		$ 11,372	$ 11,372	3.42	29.28%	5.00	20.00%	$ 27,431	$ 2,274	$ 1,137	$ 30,843	$ 72,041	$ 41,198
1930	Transportation Equipment	$ 958,290	$ 833	$ 957,457	$ 212,573		$ 212,573	$ 212,573	2.47	40.52%	8.00	12.50%	$ 388,006	$ 26,572	$ 13,286	$ 427,864	$ 2,179,045	$ 1,751,181
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 77,019	$ 1,101	$ 75,918	$ 12,251		$ 12,251	$ 12,251	3.56	28.05%	10.00	10.00%	$ 21,296	$ 1,225	$ 613	$ 23,133	$ 155,133	$ 132,000
1945	Measurement & Testing Equipment	$ 7,385		$ 7,385	$ 16,620		$ 16,620	$ 16,620	4.09	24.48%	8.00	12.50%	$ 1,808	$ 2,078	$ 1,039	$ 4,924	$ 9,923	$ 4,999
1950	Power Operated Equipment	$ 35,870		$ 35,870	$ 158,995		$ 158,995	$ 158,995	4.48	22.33%	8.00	12.50%	$ 8,011	$ 19,874	$ 9,937	$ 37,823	$ 26,261	-$ 11,562
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 202,324		$ 202,324	$ 64,232		$ 64,232	$ 64,232	3.89	25.70%	5.00	20.00%	$ 52,007	$ 12,846	$ 6,423	$ 71,277	$ 116,143	$ 44,866
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,819,424		-$ 5,819,424	$ -		$ -	$ -	21.43	4.67%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 1,097,700	-$ 826,082
2440	Deferred Revenue	-$ 691,014			-$ 667,719		-$ 667,719	-$ 667,719	60.00	1.67%	60.00	1.67%	$ -	-$ 11,129	-$ 5,564	-$ 16,693	-$ 125,496	-$ 108,803
	Total	**$ 28,738,047**	**$ 15,622**	**$ 29,413,440**	**$ 3,974,797**	**$ -**	**$ 3,974,797**	**$ 3,974,797**					**$ 2,009,798**	**$ 227,267**	**$ 113,633**	**$ 2,350,698**	**$ 19,745,488**	**$ 17,394,790**

TABLE 4-46: DEPRECIATION AND AMORTIZATION EXPENSE - 2016 MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 425,684	$ 9,205	$ 416,478	$ 27,000		$ 27,000	$ 27,000	0.88	113.23%	3.00	33.33%	$ 471,594	$ 9,000	$ 4,500	$ 485,094	$ 1,107,800	$ 622,706
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ 1,800		$ 1,800	$ 1,800	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ 74,505		$ 74,505	$ 74,505	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 169,948		$ 169,948	$ 3,194		$ 3,194	$ 3,194	40.26	2.48%	60.00	1.67%	$ 4,221	$ 53	$ 27	$ 4,301	$ 87,843	$ 83,542
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 364,372		$ 364,372	$ -		$ -	$ -	38.61	2.59%	60.00	1.67%	$ 9,437	$ -	$ -	$ 9,437	$ 211,553	$ 202,117
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 5,645,689		$ 5,645,689	$ 548,837		$ 548,837	$ 548,837	33.65	2.97%	50.00	2.00%	$ 167,795	$ 10,977	$ 5,488	$ 184,260	$ 2,839,763	$ 2,655,503
1835	Overhead Conductors & Devices	$ 6,860,376		$ 6,860,376	$ 887,131		$ 887,131	$ 887,131	28.73	3.48%	60.00	1.67%	$ 238,764	$ 14,786	$ 7,393	$ 260,942	$ 7,371,260	$ 7,110,318
1840	Underground Conduit	$ 2,386,731		$ 2,386,731	$ 221,003		$ 221,003	$ 221,003	37.33	2.68%	45.00	2.22%	$ 63,934	$ 4,911	$ 2,456	$ 71,301	$ 562,392	$ 491,091
1845	Underground Conductors & Devices	$ 5,734,023		$ 5,734,023	$ 659,042		$ 659,042	$ 659,042	36.77	2.72%	45.00	2.22%	$ 155,945	$ 14,645	$ 7,323	$ 177,913	$ 1,208,589	$ 1,030,676
1850	Line Transformers	$ 7,410,622		$ 7,410,622	$ 535,551		$ 535,551	$ 535,551	33.31	3.00%	40.00	2.50%	$ 222,455	$ 13,389	$ 6,694	$ 242,538	$ 1,529,179	$ 1,286,641
1855	Services (Overhead & Underground)	$ 3,696,187		$ 3,696,187	$ 591,581		$ 591,581	$ 591,581	41.52	2.41%	60.00	1.67%	$ 89,017	$ 9,860	$ 4,930	$ 103,806	$ 1,738,753	$ 1,634,947
1860	Meters	$ -		$ -	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 3,349,249		$ 3,349,249	$ 246,046		$ 246,046	$ 246,046	7.83	12.77%	12.00	8.33%	$ 427,765	$ 20,504	$ 10,252	$ 458,520	$ 2,124,961	$ 1,666,440
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 386,550		$ 386,550	$ 41,813		$ 41,813	$ 41,813	51.25	1.95%	55.00	1.82%	$ 7,542	$ 760	$ 380	$ 8,683	$ 36,205	$ 27,523
1915	Office Furniture & Equipment (10 years)	$ 22,855		$ 22,855	$ -		$ -	$ -	2.34	42.75%	10.00	10.00%	$ 9,771	$ -	$ -	$ 9,771	$ 78,965	$ 69,194
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 76,488		$ 76,488	$ 22,003		$ 22,003	$ 22,003	2.57	38.84%	5.00	20.00%	$ 29,706	$ 4,401	$ 2,200	$ 36,307	$ 103,947	$ 67,640
1930	Transportation Equipment	$ 1,014,952	$ 6,792	$ 1,008,160	$ 346,258		$ 346,258	$ 346,258	2.54	39.34%	8.00	12.50%	$ 396,578	$ 43,282	$ 21,641	$ 461,501	$ 1,841,558	$ 1,380,057
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 73,160		$ 73,160	$ 15,489		$ 15,489	$ 15,489	3.20	31.20%	10.00	10.00%	$ 22,829	$ 1,549	$ 774	$ 25,153	$ 171,876	$ 146,723
1945	Measurement & Testing Equipment	$ 21,159		$ 21,159	$ -		$ -	$ -	5.45	18.36%	8.00	12.50%	$ 3,885	$ -	$ -	$ 3,885	$ 13,809	$ 9,923
1950	Power Operated Equipment	$ 196,825		$ 196,825	$ 1,574		$ 1,574	$ 1,574	7.06	14.17%	8.00	12.50%	$ 27,886	$ 197	$ 98	$ 28,181	$ 53,926	$ 25,745
1955	Communications Equipment	$ -		$ -	$ 31,915		$ 31,915	$ 31,915		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,192	$ 3,192
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 208,126		$ 208,126	$ 188,030		$ 188,030	$ 188,030	3.21	31.16%	5.00	20.00%	$ 64,854	$ 37,606	$ 18,803	$ 121,263	$ 199,800	$ 78,537
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,692,735		-$ 5,692,735	$ -		$ -	$ -	20.96	4.77%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 1,310,532	-$ 1,038,915
2440	Deferred Revenue	-$ 1,353,169			-$ 1,192,751		-$ 1,192,751	-$ 1,192,751	54.91	1.82%	60.00	1.67%	$ -	-$ 19,879	-$ 9,940	-$ 29,819	-$ 136,339	-$ 106,521
	Total	**$ 31,145,011**	**$ 15,998**	**$ 32,482,182**	**$ 3,250,021**	**$ -**	**$ 3,250,021**	**$ 3,250,021**					**$ 2,142,360**	**$ 166,040**	**$ 83,020**	**$ 2,391,420**	**$ 19,940,333**	**$ 17,548,913**

PILS

ETPL is subject to Payments in Lieu ("PILs") under Section 93 of the *Electricity Act, 1998*, as amended. ETPL does not pay Section 89 taxes, and is exempt from the payment of income and capital taxes under the Income Tax Act (Canada) and the Ontario Corporations Tax Act. A copy of the 2014 Federal T2 and Ontario C23 tax return has been provided as an Attachment to this Exhibit. ETPL confirms that the financial statements filed with its 2016 corporate income tax returns are the same as the 2016 audited financial statements filed with this Application. Income Tax amounts included in the 2016 financial statements are based on estimates and differ from the actual tax return.

PILS FOR THE 2018 Test Year

The 2018 Test Year's PILs have been calculated at $140,221. The details of the calculations are in the Income Tax/PILs Work Form and are provided electronically and as an Attachment to this exhibit. The 2018 Test Year PILs have been determined by applying substantively enacted 2016 tax rates against Taxable Income. The 2016 Taxable Income amount has been determined by taking Utility Income before Taxes and applying Schedule 1 corporate tax adjustments to this number.

UTILITY INCOME BEFORE TAXES

This is calculated based on the 2018 expected total revenues less the 2018 expected cost and expenses. The Utility income before taxes in 2018 is $1,415,197. The details of this calculation can be found in Exhibit 6, Section 6.6.

TAX ADJUSTMENTS

Tax adjustments are made for both temporary and permanent differences and reserves. Significant temporary differences included are:

- The difference between depreciation for accounting purposes versus capital cost allowance (CCA) for tax purposes.

The following Table 4-47 presents the calculation of taxable income for the 2018 Test Year.

TABLE 4-47: 2018 Test Year Taxable Income

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	1,415,197
Additions:			
Interest and penalties on taxes	103		
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		1,692,059
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		150,721
Recapture of capital cost allowance from Schedule 8	107		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		10,000
Non-deductible automobile expenses	122		
Other Additions: (please explain in detail the nature of the item)			
Interest Expensed on Capital Leases	290		30,946
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			6,000
Total Additions			**1,889,726**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	2,383,407
Terminal loss from Schedule 8	404		
Interest capitalized for accounting deducted for tax	390		
Deduct Capital Lease Payments	391		192,380
Non-taxable imputed interest income on deferral and variance accounts	392		
Deduct Pole Replacements	393		200,000
	394		
Total Deductions		calculated	**2,775,787**
NET INCOME FOR TAX PURPOSES		calculated	**529,136**
REGULATORY TAXABLE INCOME		calculated	**529,136**

EXPECTED 2018 TAX RATES

ETPL used a combined income tax rate of 26.5% for the 2018 Test Year based upon Provincial tax of 11.5% and Federal Tax of 15.0%.

CALCULATION OF TAX CREDITS

CO-OPERATIVE EDUCATION CREDIT

The Co-operative Education Tax Credit ("CETC") is a refundable tax credit. The CETC is available to employers who hire students enrolled in a co-operative education program at an Ontario university or college. The CRA administers the program on behalf of Ontario through the federal income tax system. The CETC is based on salaries and wages paid to a student in a co-operative education work placement. The maximum credit for each work placement is $3,000. Most work placements are for a minimum employment period of 10 weeks up to a maximum of four months. In the 2018 Test Year ETPL includes the provision for two co-op student placement providing at tax credit of $6,000.

Derivation of Taxable Income

Additions

ETPL included additions of Amortization of Tangible and Intangible assets as well as non-deductible meals and entertainment expenses of $10,000 in the Test Year. Also added was interest expense on Capital leases of $30,946 expected in the test year and the COOP tax credit prior year add back of $6,000. These additions increased ETPL's taxable income by $1,889,726 to $3,304,923 before deductions.

Deductions

ETPL deducted CCA of $2,383,407 for Capital Cost Allowance, capital lease payments of $192,000 and Capital Items expensed for tax of $200,000 in the Test Year in order to properly aligned ETPL's PILs recovered in rates with actual taxes paid in ETPL's tax returns for total deductions of $2,775,787. The resulting taxable from all movement is $529,136.

TAX CALCULATION

The following Table 4-48 presents the tax calculation for the 2018 Test Year:

TABLE 4-48: 2018 Test Year TAXABLE PROVISION

PILs Tax Provision - Test Year

	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				Wires Only
Regulatory Taxable Income							T1	$ 529,136
Ontario (Max 11.5%)	11.5%	11.5%	$ 60,851	11.5%	B			
Federal (Max 15%)	15.0%	15.0%	$ 79,370	15.0%	C			
Combined effective tax rate (Max 26.5%)								26.50%
Total Income Taxes								**$ 140,221**
Investment Tax Credits								
Miscellaneous Tax Credits								
Total Tax Credits								**$ -**
Corporate PILs/Income Tax Provision for Test Year								**$ 140,221**
Corporate PILs/Income Tax Provision Gross Up [1]						73.50%	**J = 1-D**	**$ 50,556**
Income Tax (grossed-up)								**$ 190,777**

CAPITAL COST ALLOWANCE

ETPL is providing Capital Cost Allowance continuity schedules for the 2017 Bridge Year (Table 4-49) and the 2018 Test Year (Table 4-50) as follows:

1 TABLE 4-49: 2017 CCA CONTINUITY SCHEDULE

Schedule 8 CCA - Bridge Year

Class	Class Description	Working Paper Reference	UCC Regulated Historical Year	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Bridge Year CCA		UCC End of Bridge Year
1	Distribution System - post 1987	H8	$ 13,117,023.00			$ 13,117,023	$ -	$ 13,117,023	4%	$ 524,681		$ 12,592,342
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	H8		$ 797,343		$ 797,343	$ 398,672	$ 398,672	6%	$ 23,920		$ 773,423
2	Distribution System - pre 1988	H8				$ -	$ -	$ -	6%	$ -		$ -
8	General Office/Stores Equip	H8	$ 1,715,478.00	$ 35,000		$ 1,750,478	$ 17,500	$ 1,732,978	20%	$ 346,596		$ 1,403,882
10	Computer Hardware/ Vehicles	H8	$ 118,021.00	$ 214,950		$ 332,971	$ 107,475	$ 225,496	30%	$ 67,649		$ 265,322
10.1	Certain Automobiles	H8				$ -	$ -	$ -	30%	$ -		$ -
12	Computer Software	H8	$ 13,500.00			$ 13,500	$ -	$ 13,500	100%	$ 13,500		$ -
13 1	Lease # 1	H8	$ 164,804.00			$ 164,804	$ -	$ 164,804		$ -		$ 164,804
13 2	Lease #2	H8				$ -	$ -	$ -		$ -		$ -
13 3	Lease # 3	H8				$ -	$ -	$ -		$ -		$ -
13 4	Lease # 4	H8				$ -	$ -	$ -		$ -		$ -
14	Franchise	H8				$ -	$ -	$ -		$ -		$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	H8				$ -	$ -	$ -	8%	$ -		$ -
42	Fibre Optic Cable	H8				$ -	$ -	$ -	12%	$ -		$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	H8				$ -	$ -	$ -	30%	$ -		$ -
43.2	Certain Clean Energy Generation Equipment	H8	$ 122,947.00			$ 122,947	$ -	$ 122,947	50%	$ 61,474		$ 61,474
45	Computers & Systems Software acq'd post Mar 22/04	H8	$ 170.00			$ 170	$ -	$ 170	45%	$ 77		$ 94
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8				$ -	$ -	$ -	30%	$ -		$ -
47	Distribution System - post February 2005	H8	$ 14,436,292.00	$ 2,329,620		$ 16,765,912	$ 1,164,810	$ 15,601,102	8%	$ 1,248,088		$ 15,517,824
50	Data Network Infrastructure Equipment - post Mar 2007	H8	$ 36,602.00	$ 50,000		$ 86,602	$ 25,000	$ 61,602	55%	$ 33,881		$ 52,721
52	Computer Hardware and system software	H8				$ -	$ -	$ -	100%	$ -		$ -
95	CWIP	H8	$ 990,591.00			$ 990,591	$ -	$ 990,591	0%	$ -		$ 990,591
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)[1]	H10	$ 249,401.12			$ 249,401	$ -	$ 249,401	7%	$ 17,458		$ 231,943
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)[1]		$ -			$ -	$ -	$ -	5%	$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
						$ -	$ -	$ -		$ -		$ -
	TOTAL		$ 30,964,829	$ 3,426,913	$ -	$ 34,391,742	$ 1,713,457	$ 32,678,286		$ 2,337,323	B1	$ 32,054,419

2 TABLE 4-50: 2018 CCA CONTINUITY SCHEDULE

Schedule 8 CCA - Test Year

Class	Class Description	Working Paper Reference	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA
1	Distribution System - post 1987	B8	$ 12,592,342			$ 12,592,342	$ -	$ 12,592,342	4%	$ 503,694
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	B8	$ 773,423	43,000		$ 816,423	$ 21,500	$ 794,923	6%	$ 47,695
2	Distribution System - pre 1988	B8	$ -			$ -	$ -	$ -	6%	$ -
8	General Office/Stores Equip	B8	$ 1,403,882	20,000		$ 1,423,882	$ 10,000	$ 1,413,882	20%	$ 282,776
10	Computer Hardware/ Vehicles	B8	$ 265,322	41,000		$ 306,322	$ 20,500	$ 285,822	30%	$ 85,747
10.1	Certain Automobiles	B8	$ -			$ -	$ -	$ -	30%	$ -
12	Computer Software	B8	$ -			$ -	$ -	$ -	100%	$ -
13 1	Lease # 1	B8	$ 164,804			$ 164,804	$ -	$ 164,804		$ -
13 2	Lease #2	B8	$ -			$ -	$ -	$ -		$ -
13 3	Lease # 3	B8	$ -			$ -	$ -	$ -		$ -
13 4	Lease # 4	B8	$ -			$ -	$ -	$ -		$ -
14	Franchise	B8	$ -			$ -	$ -	$ -		$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than I	B8	$ -			$ -	$ -	$ -	8%	$ -
42	Fibre Optic Cable	B8	$ -			$ -	$ -	$ -	12%	$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	B8	$ -			$ -	$ -	$ -	30%	$ -
43.2	Certain Clean Energy Generation Equipment	B8	$ 61,474	35,000		$ 96,474	$ 17,500	$ 78,974	50%	$ 39,487
45	Computers & Systems Software acq'd post Mar 22/04	B8	$ 94			$ 94	$ -	$ 94	45%	$ 42
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -			$ -	$ -	$ -	30%	$ -
47	Distribution System - post February 2005	B8	$ 15,517,824	2,813,950		$ 18,331,774	$ 1,406,975	$ 16,924,799	8%	$ 1,353,984
50	Data Network Infrastructure Equipment - post Mar 2007	B8	$ 52,721	90,000		$ 142,721	$ 45,000	$ 97,721	55%	$ 53,746
52	Computer Hardware and system software	B8	$ -			$ -	$ -	$ -	100%	$ -
95	CWIP	B8	$ 990,591			$ 990,591	$ -	$ 990,591	0%	$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)1	B8	$ 231,943			$ 231,943	$ -	$ 231,943	7%	$ 16,236
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)1	B8	$ -			$ -	$ -	$ -	5%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
			$ -			$ -	$ -	$ -	0%	$ -
	TOTAL		$ 32,054,419	$ 3,042,950	$ -	$ 35,097,369	$ 1,521,475	$ 33,575,894		$ 2,383,407

BOARD TAX MODEL

ETPL has completed the Board's Tax model submitted in Excel format as part of this Application and included as Attachment 4M in this Exhibit.

PROPERTY TAXES

ETPL pays property taxes to the Town of Ingersoll, the Town of Aylmer, and Municipal substations and transformer stations. In addition, ETPL makes annual payments to Ontario Electricity Financial Corporation for "Payments in Lieu of Property Taxes". Property taxes for the 2012 Board-Approved, Historical Actuals 2012 to 2014, the 2017 Bridge Year and the 2018 Test Year are provided in Table 4-51 below.

TABLE 4-51: ETPL PROPERTY TAXES

Line No.	Last Rebasing Year (2012 Board Approved)	2012 Board Approved	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge Year	2018 Test Year
2012 Bo	Property Taxes		$ 49,869	$ 49,018	$ 48,531	$ 64,612	$ 54,540	$ 55,085	$ 55,636

ETPL confirms the following:

- The depreciation and amortization added back in the Application's PILs model agree with the numbers disclosed in the rate base section of the Application;
- The capital additions and deductions in the UCC/CCA Schedule 8 agree with the rate base section for historical, bridge and test years;
- The opening 2017 Bridge Year UCC at January 1st agrees to the closing December 31st historical year UCC as shown in for the most recent federal T2 tax return (2014).
- The CCA deductions in the Application's PILs tax model for historical, bridge and test years agree with the numbers in the UCC schedules for the same years filed in the Application;
- ETPL does not have any tax loss carry-forwards;
- Accounting OPEB amounts added back on Schedule 1 to reconcile accounting income to net income for tax purposes, agree with the OM&A analysis for compensation;
- The income tax rate used to calculate the tax expenses is consistent with ETPL's actual tax facts and evidence as filed in this proceeding.

CONSERVATION AND DEMAND MANAGEMENT

4.11.1 Overview

On March 31, 2011, the Minister of Energy and Infrastructure issued a directive (the "Directive") to the Board regarding electricity CDM targets to be met by licensed electricity distributor. The Directive required that the Board amend the licenses of distributors to add, as a condition of license, the requirement for distributors to achieve reductions in electricity demand through the delivery of CDM programs over a four-year period beginning January 1, 2011. Section 12 of the Directive required that the Board have regard to the objective that lost revenues that result from CDM Programs should not act as a disincentive to a distributor.

On April 26, 2012, the Board issued Guidelines for Electricity Distributor Conservation and Demand Management ("CDM Guidelines"). In keeping with the Directive, the Board adopted a mechanism to capture the difference between the results of actual verified impacts of authorized CDM activities undertaken by distributors between 2011 and 2014 and the level of activities embedded into rates through the distributors load forecast in the Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA").

ETPL proposes disposing of LRAMVA balances for the period 2011 to 2016 inclusively that have not been previously disposed of as further discussed below.

4.11.2 LRAMVA Claim

ETPL submitted its 2012 COS application (EB-2012-0121) using a load forecast based upon normalized average consumption per customer methodology based on data up to and including December 31, 2010. ETPL confirms that this load forecast did not include CDM impacts related to 2011 to 2014 CD M programs. Accordingly, ETPL has engaged IndEco for the purposes of providing a third party LRAMVA review for the 2011 to 2016 program years, with persistence from January 1, 2014 to December 31, 2014. Please refer to the Attachment 4L included, which is IndEco's report on LRAMVA, which provides support for a claim in the amount of$359,499 (inclusive of carrying charges to April 30, 2018). ETPL considers this amount to be of sufficient significance to propose disposition and confirms that the LRAMVA amounts being proposed for disposition to have never been included in past claims. The proposed LRAMVA disposition is based on the draft final results provided by the IESO on July 31, 2016.

Details of ETPL's LRAM and LRAMVA calculations and supporting evidence can be found in the third party reports prepared by IndEco and provided as Attachments in this exhibit. Information provided in the de the CDM programs/initiatives applicable to each rate class as well as the energy savings (kWh) and peak demand (kW) assigned to each program/initiative. Table 4-52 below provides a summary of LRAM and LRAMVA by rate class that ETPL is seeking recovery for in this Application.

TABLE 4-52: 2016 LRAM AND LRAMVA CLAIMS

Customer Class	Principal	Carrying Charge	Total LRAMVA
Residential	$ 92,619	$ 3,250	$ 95,869
GS<50 kW	$ 86,367	$ 3,424	$ 89,791
GS>50 to 999 kW	$ 44,023	$ 1,347	$ 45,370
GS>1,000 to 4,999 kW	$127,878	$ 4,295	$ 132,173
Large Use	$ 98,711	$ 3,840	$ 102,551
Street Lighting	-$ 97,774	-$ 4,931	-$ 102,705
Sentinel Lighting	$ 393	$ 9	$ 402
Unmetered Scattered Load	-$ 2,671	-$ 102	-$ 2,773
Embedded Distributor	-$ 1,137	-$ 43	-$ 1,180
Total	**$348,409**	**$11,089**	**$ 359,498**

4.11.3 Disposition of LRAM and LRAMVA Accounts

ETPL requests recovery of the LRAM and LRAMVA amounts by way of volumetric rate riders over a one year period, effective May 1, 2016. Please see Exhibit 9, Section 9.5.1 and Section 9.7.3 for more details of the proposed rate riders.

Exhibit 4:

Tab 12 (of 12): Exhibit 4 Appendices

Attachment 1 (of 21):

4-A Appendix 2JA

File Number:	2017-0038
Exhibit:	4
Tab:	2
Schedule:	2
Page:	
Date:	06-Sep-17

Appendix 2-JA
Summary of Recoverable OM&A Expenses

	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis								
Operations	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389
Maintenance	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 363,401	$ 368,360
SubTotal	**$ 883,956**	**$ 755,515**	**$ 745,257**	**$ 688,177**	**$ 448,729**	**$ 378,376**	**$ 456,532**	**$ 484,749**
%Change (year over year)					-40.6%	-15.7%	20.7%	6.2%
%Change (Test Year vs Last Rebasing Year - Actual)								-35.8%
Billing and Collecting	$ 987,418	$ 843,945	$ 1,172,874	$ 1,259,465	$ 1,123,052	$ 993,572	$ 1,010,498	$ 1,052,714
Community Relations		$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953
Administrative and General	$ 3,789,220	$ 3,236,967	$ 3,660,512	$ 3,632,436	$ 4,199,274	$ 4,595,970	$ 4,690,294	$ 4,894,354
SubTotal	**$ 4,776,638**	**$ 4,099,623**	**$ 4,855,472**	**$ 4,914,772**	**$ 5,343,494**	**$ 5,614,126**	**$ 5,725,376**	**$ 5,972,021**
%Change (year over year)					30.3%	5.1%	2.0%	4.3%
%Change (Test Year vs Last Rebasing Year - Actual)								45.7%
Total	**$ 5,660,594**	**$ 4,855,138**	**$ 5,600,729**	**$ 5,602,949**	**$ 5,792,223**	**$ 5,992,502**	**$ 6,181,908**	**$ 6,456,769**
%Change (year over year)					19.3%	3.5%	3.2%	4.4%

	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Operations	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389
Maintenance	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 363,401	$ 368,360
Billing and Collecting	$ 987,418	$ 843,945	$ 1,172,874	$ 1,259,465	$ 1,123,052	$ 993,572	$ 1,010,498	$ 1,052,714
Community Relations	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953
Administrative and General	$ 3,789,220	$ 3,236,967	$ 3,682,598	$ 3,655,307	$ 4,199,274	$ 4,595,970	$ 4,690,294	$ 4,894,354
Total	**$ 5,660,594**	**$ 4,855,138**	**$ 5,622,815**	**$ 5,625,820**	**$ 5,792,223**	**$ 5,992,501**	**$ 6,181,908**	**$ 6,456,769**
%Change (year over year)					19.3%	3.5%	3.2%	4.4%

	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	Variance 2012 Board-approved – 2012 Actuals	2013 Actuals	Variance 2013 Actuals vs. 2012 Actuals	2014 Actuals	Variance 2014 Actuals vs. 2013 Actuals	2015 Actuals	Variance 2015 Actuals vs. 2014 Actuals	2016 Actuals	Variance 2016 Actuals vs. 2015 Actuals
Operations	$ 187,551	$ 160,299	$ 27,251	$ 100,096	-$ 60,203	$ 110,018	$ 9,922	$ 128,569	$ 18,552	$ 91,574	-$ 36,995
Maintenance	$ 696,405	$ 595,216	$ 101,189	$ 645,161	$ 49,945	$ 578,159	-$ 67,001	$ 320,160	-$ 257,999	$ 286,802	-$ 33,358
Billing and Collecting	$ 987,418	$ 843,945	$ 143,473	$ 1,172,874	$ 328,930	$ 1,259,465	$ 86,591	$ 1,123,052	-$ 136,413	$ 993,572	-$ 129,479
Community Relations	$ -	$ 18,711	-$ 18,711	$ 22,086	$ 3,375	$ 22,871	$ 785	$ 21,168	-$ 1,703	$ 24,584	$ 3,416
Administrative and General	$ 3,789,220	$ 3,236,967	$ 552,253	$ 3,682,598	$ 445,631	$ 3,655,307	-$ 27,292	$ 4,199,274	$ 543,968	$ 4,595,970	$ 396,696
Total OM&A Expenses	$ 5,660,594	$ 4,855,138	$ 805,456	$ 5,622,815	$ 767,677	$ 5,625,820	$ 3,004	$ 5,792,223	$ 166,403	$ 5,992,501	$ 200,278
Adjustments for Total non-recoverable items (from Appendices 2-JA and 2-JB)											
Total Recoverable OM&A Expenses	$ 5,660,594	$ 4,855,138	$ 805,456	$ 5,600,729	$ 767,677	$ 5,602,949	$ 3,004	$ 5,792,223	$ 166,403	$ 5,992,501	$ 200,278
Variance from previous year				$ 745,591		$ 2,219		$ 189,274		$ 200,278	
Percent change (year over year)				15%		0%		3%		3%	
Percent Change: Test year vs. Most Current Actual										7.75%	
Simple average of % variance for all years										32.99%	
Compound Annual Growth Rate for all years											
Compound Growth Rate (2016 Actuals vs. 2012 Actuals)										7.27%	

Note:

1 If it has been more than three years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than three years ago, a minimum of three years of actual information is required.
2 Recoverable OM&A that is included on these tables should be identical to the recoverable OM&A that is shown for the corresponding periods on Appendix 2-JB.

Attachment 2 (of 21):

4-B Appendix 2JB

File Number:	2017-0038
Exhibit:	4
Tab:	2
Schedule:	3
Page:	
Date:	September 8 2017

Appendix 2-JB
Recoverable OM&A Cost Driver Table[1,3]

OM&A	Last Rebasing Year (2012 Actuals)	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis						
Opening Balance	$ 5,660,594	$ 5,600,729	$ 5,602,949	$ 5,792,223	$ 5,992,500	$ 6,181,909
Affiliate Revenue Cost Offset	-$ 272,487					
Increase in recovery from Affiliate One Time Project	-$ 53,578					
Decrease in Labour for one FTE	-$ 75,470	-$ 100,346				
Increase in Operating Costs for Capitalization Policy Change	$ 258,315	$ 6,594	$ 10,186	$ 19,835	$ 6,144	$ 6,273
Inflation	$ 83,355	$ 73,329	$ 89,612	$ 89,647	$ 92,676	$ 91,174
Change in Labour Costs	$ 52,549	$ 91,829	$ 158,661	$ 3,514	-$ 174,502	$ 44,536
Change in Benefit Costs	$ 55,451	$ 24,213	$ 38,734	$ 21,204	-$ 43,030	$ 10,982
Decrease in Consulting Costs COS application ended	-$ 108,000					
Decrease in Rent		-$ 34,337				
Decrease in Outside Services		-$ 81,705				
Increase for Website		$ 22,643				
Increase for Scada			$ 22,402			
Increase In Affiliate Costs						$ 66,634
Decrease In Affiliate Costs			-$ 15,825	-$ 86,822	-$ 60,445	
Correction for Revenue from Affiliate			-$ 114,496			
Increase for OMS				$ 22,412		
Increase in Outside Services				$ 107,088		
Increase for ESA Survey 2015 and Customer Survey 2016				$ 12,000		
Increase for Regulatory costs ESA				$ 11,400		
Increase in Regulatory Costs OEB Cost Assessment					$ 86,640	
Increase for Meter Maintenance and disposals					$ 71,724	
Increase to meet regulatory changes in CIS					$ 27,868	
Increase for Customer engagement and My Account Portal					$ 38,672	
Costs for preparation of DSP					$ 143,662	-$ 143,662
Cost of Service Application Expenses One Time						$ 63,422
Increase for Cyber Security and Risk Costs						$ 135,500
Closing Balance[2]	$ 5,600,729	$ 5,602,949	$ 5,792,223	$ 5,992,500	$ 6,181,909	$ 6,456,768

Notes:

1 For each year, a detailed explanation for each cost driver and associated amount is requied in Exhibit 4.

2 Opening Balance for "Last Rebasing Year" (cell B15) should be equal to the Board-Approved amount. For purposes of assessing incremental cost drivers, the closing balance for each year becomes the opening balance for the next year.

3 If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.

Attachment 3 (of 21):

4-C Appendix 2L

File Number:	2017-0038
Exhibit:	4
Tab:	2
Schedule:	4
Page:	
Date:	September 8 2017

Appendix 2-L
Recoverable OM&A Cost per Customer and per FTE [1]

	Last Rebasing Year - 2012- Board Approved	Last Rebasing Year - 2012- Actual	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis								
OM&A Costs								
O&M	$ 883,956	$ 755,515	$ 745,257	$ 688,177	$ 448,729	$ 378,376	$ 384,808	$ 413,025
Admin Expenses	$ 4,776,638	$ 4,099,624	$ 4,855,472	$ 4,914,772	$ 5,343,494	$ 5,614,125	$ 5,797,101	$ 6,043,744
Total Recoverable OM&A from Appendix 2-JB [5]	$ 5,660,594	$ 5,600,729	$ 5,600,729	$ 5,602,949	$ 5,792,223	$ 5,992,500	$ 6,181,909	$ 6,456,768
Number of Customers [2,4]	18,934	18,784	18,900	19,038	19,208	19,401	19,539	19,677
Number of FTEs [3,4]	45	44	45	45	45	46	44	44
Customers/FTEs	420.76	426.91		423.08	426.84	421.75	444.06	447.20
OM&A cost per customer								
O&M per customer	$ 46.69	$ 40.22	$ 39.43	$ 36.15	$ 23.36	$ 19.50	$ 19.69	$ 20.99
Admin per customer	$ 252.28	$ 218.25	$ 256.90	$ 258.15	$ 278.20	$ 289.38	$ 296.70	$ 307.15
Total OM&A per customer	$ 298.96	$ 298.16	$ 296.33	$ 294.30	$ 301.56	$ 308.88	$ 316.39	$ 328.14
OM&A cost per FTE								
O&M per FTE	$ 19,643.46	$ 17,170.81	$ 16,561.26	$ 15,292.82	$ 9,971.76	$ 8,225.56	$ 8,745.64	$ 9,386.93
Admin per FTE	$ 106,147.52	$ 93,173.27	$ 107,899.39	$ 109,217.15	$ 118,744.30	$ 122,046.20	$ 131,752.30	$ 137,357.81
Total OM&A per FTE	$ 125,790.98	$ 127,289.29	$ 124,460.64	$ 124,509.98	$ 128,716.06	$ 130,271.75	$ 140,497.93	$ 146,744.72

Notes:

1. If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.
2. The method of calculating the number of customers must be identified. Should correspond with data provided in Appendix 2-IB.
3. The method of calculating the number of FTEs must be identified. See also Appendix 2-K.
4. The number of customers and the number of FTEs should correspond to mid-year or average of January 1 and December 31 figures.
5. For the test year, the applicant should take into account the system O&M (line 22 of Appendix 2-AB) in developing its forecasted OM&A.

Attachment 4 (of 21):

4-D Appendix 2JC

File Number:	2017-0038
Exhibit:	4
Tab:	3
Schedule:	1
Page:	
Date:	

Appendix 2-JC
OM&A Programs Table

Programs	Last Rebasing Year (2012 Board-Approved)	Last Rebasing Year (2012 Actuals)	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year	Variance (Test Year vs. 2016 Actuals)	Variance (Test Year vs. Last Rebasing Year (2012 Board-Approved)
Reporting Basis	CGAAP	CGAAP	CGAAP	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS		
Administration										
Administration										
General Building Expenses	$ 465,767	$ 398,090	$ 426,218	$ 414,871	$ 935,689	$ 991,532	$ 1,045,099	$ 1,046,555	$ 55,024	$ 559,764
Salaries and Expenses	$ 1,664,032	$ 1,422,246	$ 2,144,410	$ 2,468,032	$ 2,537,681	$ 2,654,946	$ 2,834,411	$ 2,838,361	$ 183,415	$ 1,081,950
Insurance	$ 39,383	$ 33,661	$ 26,189	$ 28,128	$ 25,072	$ 28,197	$ 28,004	$ 28,043	-$ 154	-$ 10,219
Office Expenses	$ 140,191	$ 119,821	$ 74,087	$ 94,765	$ 69,782	$ 139,937	$ 77,942	$ 78,050	-$ 61,887	$ 4,545
Audit, Legal and Consulting	$ 549,671	$ 469,803	$ 255,695	$ 126,797	$ 208,259	$ 315,346	$ 232,610	$ 232,934	-$ 82,412	-$ 223,511
Regulatory Affairs	$ 79,282	$ 67,762	$ 132,664	$ 59,337	$ 78,601	$ 71,081	$ 87,792	$ 285,561	$ 214,480	$ 206,279
Administrative & Human Resource Ex	$ 583,417	$ 496,972	$ 382,108	$ 211,829	$ 116,215	$ 156,404	$ 129,804	$ 129,943	-$ 26,461	-$ 421,550
Rent	$ 267,478	$ 228,613	$ 219,141	$ 228,677	$ 227,975	$ 238,525	$ 254,632	$ 254,905	$ 16,380	-$ 20,774
										$ -
Sub-Total	$ 3,789,220	$ 3,236,967	$ 3,660,512	$ 3,632,436	$ 4,199,274	$ 4,595,970	$ 4,690,294	$ 4,894,354	$ 298,384	$ 1,176,484
Community Relations									$ -	$ -
Community Relations	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953	$ 369	$ 24,953
Sub-Total	$ -	$ 18,711	$ 22,086	$ 22,871	$ 21,168	$ 24,584	$ 24,584	$ 24,953	$ 369	$ 24,953
Customer Service									$ -	$ -
Bad Debt	$ 31,927	$ 27,288	$ 112,465	$ 22,618	$ 87,793	$ 26,204	$ 53,700	$ 63,538	$ 37,333	$ 31,610
Customer Service & Billings	$ 840,788	$ 718,620	$ 866,160	$ 1,036,487	$ 840,662	$ 799,615	$ 769,310	$ 781,782	-$ 17,833	-$ 59,006
Customer Collections	$ 114,702	$ 98,036	$ 181,768	$ 188,435	$ 183,012	$ 155,828	$ 175,325	$ 194,987	$ 39,159	$ 80,284
Sub-Total	$ 987,418	$ 843,945	$ 1,160,394	$ 1,247,540	$ 1,111,468	$ 981,647	$ 998,335	$ 1,040,307	$ 58,660	$ 52,889
Maintenance									$ -	$ -
Meter Maintenance	$ 134,099	$ 114,614	$ 158,893	$ 36,736	$ 133,664	$ 47,531	$ 90,257	$ 120,885	$ 73,354	-$ 13,214
Overhead / Underground Maintenanc	$ 354,099	$ 302,648	$ 340,633	$ 391,353	-$ 45,194	$ 144,374	$ 197,435	$ 149,324	$ 4,950	-$ 204,775
Station Maintenance	$ 49,912	$ 42,660	$ 28,582	$ 26,688	$ 53,287	$ 10,735	$ 13,464	$ 11,103	$ 368	-$ 38,809
Vegetation Control	$ 103,461	$ 88,428	$ 83,304	$ 83,105	$ 136,952	$ 71,794	$ 41,926	$ 74,256	$ 2,462	-$ 29,205
Transformer Maintenance	$ 54,834	$ 46,867	$ 33,749	$ 40,278	$ 41,450	$ 12,368	$ 20,320	$ 12,792	$ 424	-$ 42,042
Sub-Total	$ 696,405	$ 595,216	$ 645,161	$ 578,159	$ 320,160	$ 286,802	$ 363,401	$ 368,360	$ 81,558	-$ 328,045
Operations										
Operations Supervision and Engineer	$ 67,469	$ 57,666	$ 43,166	$ 40,365	$ 42,370	$ -	$ 30,691	$ 38,356	$ 7,665	-$ 29,113
Miscellaneous Operation	$ 120,082	$ 102,634	$ 56,930	$ 69,653	$ 86,199	$ 91,574	$ 62,439	$ 78,033	-$ 13,541	-$ 42,049
Sub-Total	$ 187,551	$ 160,299	$ 100,096	$ 110,018	$ 128,569	$ 91,574	$ 93,131	$ 116,389	-$ 5,876	-$ 71,162
Miscellaneous			**$ 12,480**	**$ 11,925**	**$ 11,584**	**$ 11,925**	**$ 12,163**	**$ 12,407**	**$ 482**	**$ 12,407**
Total	**$ 5,660,594**	**$ 4,855,138**	**$ 5,600,729**	**$ 5,602,949**	**$ 5,792,223**	**$ 5,992,501**	**$ 6,181,908**	**$ 6,456,769**	**$ 433,577**	**$ 867,525**

Notes:

1 Please provide a breakdown of the major components of each OM&A Program undertaken in each year. Please ensure that all Programs below the materiality threshold are included in the miscellaneous line. Add more Programs as required.

2 The applicant should group projects appropriately and avoid presentations that result in classification of significant components of the OM&A budget in the miscellaneous category

Attachment 5 (of 21):

4-E Collective Agreement

C O L L E C T I V E   A G R E E M E N T

BETWEEN

ERIE THAMES POWERLINES CORPORATION
(HEREINAFTER CALLED "THE COMPANY")

AND

THE EMPLOYEES OF ERIE THAMES POWERLINES CORPORATION

AND

POWER WORKERS' UNION
CANADIAN UNION OF PUBLIC EMPLOYEES
LOCAL 1000 – CLC
(HEREINAFTER CALLED "THE UNION")

FROM

JANUARY 1, 2016 – DECEMBER 31, 2018

Table of Contents

COLLECTIVE AGREEMENT

This Collective Agreement made in duplicate this 27th day of November, 2015**.**

BETWEEN:

ERIE THAMES POWERLINES CORPORATION
hereinafter called the "Company"

- and -

THE EMPLOYEES OF ERIE THAMES POWERLINES CORPORATION

- and -

POWER WORKERS' UNION
CANADIAN UNION OF PUBLIC EMPLOYEES
LOCAL 1000 - CLC
hereinafter called the "Union"

WITNESSETH that in consideration of the premises and covenants of the Parties hereinafter expressed, the Parties agree as follows:

ARTICLE 1 – RECOGNITION

The Company hereby recognizes the Power Workers' Union – CUPE Local 1000 as the sole collective bargaining agent for all employees of Erie Thames Powerlines Corporation save and except non-working foremen and persons above the rank of non-working foreman and supervisor, sales staff, assistant(s) to Senior Manager(s), IS Specialist, Regulatory and Accounting Analyst, CDM Engineer, Conservation Manager and persons regularly employed for not more than twenty-four (24) hours per week.

ARTICLE 2 – MANAGEMENT RIGHTS

The Union acknowledges and agrees that the Company has the exclusive right to manage its business, direct the working force, to hire, to maintain the efficiency, to promote, to transfer, demote, discharge or otherwise discipline employees, and to make, amend and enforce such rules and regulations as shall from time to time be required, providing such application of these rights is not inconsistent with the terms of this agreement. The Company will not discharge or otherwise discipline employees without just cause.

ARTICLE 3 – UNION SECURITY AND CHECK-OFF

3.01 The Company agrees that, during the lifetime of this agreement, all employees covered by this agreement will be required to become and remain members of the Union. Bi-weekly union dues shall be deducted from each pay and remitted monthly to the Financial Officer of the Union within (ten) 10 working days of the month in which the deductions were made. Further the Union agrees to provide the Company with at least one months' notice of any changes to the dues structure.

3.02 In consideration of this deduction and forwarding service by the Company the Union agrees to indemnify and save the Company harmless against any claim or liability arising out of, or resulting from, the collection and forwarding of these dues.

3.03 When Management schedules a meeting for the purpose of disciplining an employee, a Union steward will be present. In the event that an employee is to be terminated, the Company agrees to invite the Principal Steward or designate. A Union Steward will be informed a minimum of one (1) working day in advance of any disciplinary meeting to be held with an employee.

3.04 The Company further agrees that it will not object in any manner to any employee being or becoming a member of this Union and will not discriminate against any employee because of his membership or proposed membership in said Union. The employees in the Union, collectively or otherwise will not in any way interfere with, or attempt to limit the rights of any officer duly authorized to act for the Company on its behalf.

3.05 The Company and the Union agree and recognize their respective responsibilities under the Ontario Human Rights Code, the Employment Standards Act, the Occupational Health and Safety Act and the Ontario Labour Relations Act. Both parties agree that no employee should be subjected to discrimination or harassment and agree to take such actions as necessary to assure that this purpose is achieved.

ARTICLE 4 – SENIORITY

4.01 Seniority is defined as the length of service a regular employee has established with the Company from the most recent date the employee entered the employ of the Company including any temporary service which immediately precedes the probationary period provided the employment period was uninterrupted.

4.02 An employee shall lose their seniority, their employment with the Company shall be terminated and their name shall be removed from the records if the employee:

(a) quits voluntarily;

(b) is discharged;

(c) is absent from work for five (5) working days or more unless the employee provides management with documented evidence satisfactory to management of unavoidable reasons for not reporting to work;

(d) is laid off for a period of twelve (12) calendar months;

(e) fails to report to work after a lay-off within five (5) working days of recall, notice of which has been mailed to the last address of which the employee has notified the Company;

(f) retires**;**

(g) is absent from work for any reason for a period of twenty-four (24) consecutive months or more. The employees' situation will be jointly reviewed a minimum of two (2) months prior to the expiry of the twenty-four (24) consecutive months above.

ARTICLE 5 – EMPLOYEE CATEGORIES

5.01 TEMPORARY EMPLOYEES are persons hired for periods of up to nine (9) months. Temporary employees shall not accumulate Company seniority or benefits nor shall they have recourse to the grievance procedure. If the temporary position is established due to an employee absence, the nine (9) month period shall be extended.

Temporary Employees are persons hired for period of up to nine (9) months. After nine (9) months, the position will be posted and filled, if still required.

If a temporary employee is subsequently awarded a regular position in the Company, the employee shall be credited with Company seniority for the time worked as a temporary employee, after the employee has completed a probationary period of sixty (60) days worked, provided that the total period of employment was uninterrupted.

Such temporary assignments can be extended by mutual agreement. Such extensions will not be unreasonably denied.

5.02 PROBATIONARY EMPLOYEES are persons hired on trial to determine their suitability for continuing employment in regular positions. An employee shall be considered probationary for one hundred and twenty (120) days of work. If, during this time, the employee is considered as not being satisfactory to Management, the employee may be released. At the end of their probationary period, the employee's date of hiring will be established as their date of employment. During the probationary period, the employee shall not be entitled to any of the rights or privileges accruing to regular employees unless otherwise specified in this agreement, nor shall the employee have recourse to the grievance procedure. Upon written mutual agreement of the Parties, the probationary period of any employee may be extended.

5.03 REGULAR EMPLOYEES are persons who have satisfactorily served a probationary period and who are currently in the employ of the Company.

5.04 STUDENTS are persons who are enrolled in a recognized secondary or post-secondary school on a full time basis and who are employed by the Company during breaks in the school year or through a co-operative work program. Students shall not accumulate Company seniority or benefits nor shall they have recourse to the grievance procedure.

5.05 PART-TIME staff are persons who work for the company an average of twenty-four (24) hours per week or less.

ARTICLE 6 – NO STRIKE, NO LOCKOUT

6.01 There shall be no lockout by the Company and no strike, slowdown, refusal to perform work, picketing or other interference with the operation of the Company's business by the employees or the Union during the term of this agreement.

ARTICLE 7 – GRIEVANCE AND ARBITRATION PROCEDURE

7.01 For the purposes of this agreement, a dispute, claim or complaint which involves the interpretation or application of this agreement shall be considered a fit matter for grievance and shall be dealt with promptly and as specified below.

7.02 GRIEVANCE PROCEDURE

(a) The parties agree that effective problem solving is at the core of a successful grievance procedure. In support of this the parties agree to the following;

INFORMAL STEP

The employee and the appropriate supervisor must discuss all complaints before they can become part of the formal grievance procedure, within twenty (20) working days of the grievous act.

FORMAL GRIEVANCE PROCEDURE - INDIVIDUAL GRIEVANCE

STEP ONE

Failing settlement at the **Informal Step**, the employee/and or Steward or delegate may, within five (5) working days of the Informal Step, submit the grievance in writing to the appropriate Manager/Supervisor or delegate. The Manager/Supervisor shall, within five (5) working days of the receipt of the grievance, at this step, convene a meeting of the Joint Grievance Committee comprised of the Manager/Supervisor or delegate and a duly-formed union committee. The Manager/Supervisor shall give their disposition in writing within five (5) working days of the Joint Grievance Committee meeting.

STEP TWO

Failing settlement at **Step One**, the Principal Steward or delegate may, within five (5) working days of disposition in Step One, submit the grievance in writing to the senior manager or delegate. The senior manager shall, within five (5) working days of the receipt of the grievance, at this step, convene a meeting of the

Joint Grievance Committee comprised of the senior manager or delegate and a duly-formed union committee. The senior manager shall give his disposition in writing within five (5) working days of the Joint Grievance Committee meeting.

POLICY GRIEVANCE

Where a grievance involves a question of general application or interpretation or where a group of union employees has a grievance it shall be filed in writing within five

(5) days of the grievous act starting at Step Two.

(b) The Company agrees that there shall be no loss of base wages for time spent by the steward(s) and/or grievor(s) when required to attend grievance meetings.

7.03 ARBITRATION PROCEDURE

The parties agree that all grievances shall be submitted to single panel arbitration. The arbitrator shall be agreed to by the parties. It is agreed by the parties that the arbitrator shall not have the power to alter or to change any of the provisions of this agreement, or to substitute any new provisions for any existing provisions or to provide a decision which is inconsistent with the terms of this agreement, providing that they are not in conflict with any legislation affecting the parties.

7.04 Each party to this agreement will share equally the expenses and fees of the sole arbitrator.

7.05 The time limits as prescribed above may be modified by mutual agreement by the parties.

7.06 If the Union does not put forward a written request for Arbitration postmarked within thirty-one (31) calendar days after the Company's decision, the grievance shall be deemed to be abandoned.

ARTICLE 8 – HOURS OF WORK AND OVERTIME

8.01 HOURS OF WORK

This section provides the basis for establishing work schedules and for the calculation and payment of overtime, but shall not be read or construed as a guarantee of hours per day or week or a guarantee of days of work per week.

8.02 The normal work week of outside employees covered by this agreement shall be forty (40) hours consisting of five (5) days of eight (8) hours not starting before 0600 hours and not ending later than 1600 hours Monday to Friday inclusive. Within a given day or week, the specific hours of work of individual employees may differ as long as they remain within the foregoing limits.

Hours for outside employees will be as follows:

7:30 a.m. – 3:30 p.m.
Including a twenty (20) minute paid lunch period.

For greater clarity, the twenty (20) minute paid lunch provision does not apply to Design Technician, Inventory Control, Electrical Engineering Technologist or GIS Technician unless their work requires them to be at a location other than their normal location during the lunch period. In such instances, the employee will gain their supervisor's approval for a paid lunch prior to the lunch period.

At least one qualified outside employee at each operations centre may work an eight (8) hour day ending at 4:30 p.m. to do customer service work.

The normal work week of inside employees covered by this agreement shall be thirty-five (35) hours consisting of five (5) days of seven (7) hours not starting before 0800 hours and not ending later than 1700 hours, including a one (1) hour unpaid lunch period Monday to Friday inclusive. All Customer Service outside workers will work an eight (8) hour day ending at 4:30 p.m. to do customer service work.

Within a given day or week, the specific hours of work of individual employees may differ as long as they remain within the foregoing limits.

TEMPORARY SERVICE CENTRE

When an employee is directed by management to report to a temporary work centre outside of their present service territory of either Ingersoll, Aylmer or Mitchell on an eight (8) hour per day work schedule, for a minimum one (1) week duration and, at his normal scheduled start time and to work the normal hours defined

above, the employee will be paid for all travel time to and from the temporary work centre at the employee's normal straight time rate not to exceed one half (1/2) hour each way under normal driving conditions. A Company vehicle will be provided.

Travel to each work centre on a temporary basis will be deemed to be one half (1/2) hour of paid travel time each way. Any travel time over one half (1/2) hour will be on company time or paid at the appropriate premium rate.

This work arrangement will be distributed on a fair and equitable basis soliciting and accepting volunteers first and utilizing the principles of seniority/juniority. If there are insufficient volunteers to perform the work, management may assign employees utilizing the above principles to a maximum of twelve (12) weeks per year, per employee.

When an employee, the Employer and the Union mutually agree, the employee may be temporarily assigned to another work centre (Ingersoll, Aylmer or Mitchell) and this clause shall not apply for that defined temporary period.

In order to improve the training of Apprentices and with the Union's mutual agreement, the Company may rotate Apprentices between the Work Centres provided such rotation is for a minimum of three (3) months. When an Apprentice is transferred to another work centre under these circumstances, this clause shall not apply.

SHIFTS

Management may after consultation with union establish new shifts for Billing on the following basis;

1. volunteers or New Employees hired after October 3, 2006
2. thirty (30) days notice prior to commencement of the new shift will be given to the union
3. shift hours to commence not later than 1600 hours and end not later than 2400 hours
4. a shift differential of $1.00 to apply for all hours worked during the shift
5. training will occur during the day shift whenever possible. If a Unionized day shift employee is required for training on the

afternoon shift, first right of refusal will be given in the following order for periods of up to four (4) weeks at a time not more than two (2) times per year;

(a) Team Leader
(b) Senior Qualified
(c) If no volunteers, junior qualified unionized employees will be assigned.

8.03 OVERTIME

It is mutually acknowledged that from time to time it will be necessary for all employees to perform work outside of the normal schedule at all hours of the day or night, and the Company can authorize such work as overtime as required. When Management authorizes overtime to complete work in progress, the worker or workers on the project will continue with the work and not the person or persons on call. Employees participating in a Modified Duty plan are not eligible for overtime hours.

Banked time provisions will apply to all employees of the Company.

1. Overtime hours worked may be banked or paid at the appropriate premium rate.
2. A maximum of the equivalent of five (5) regular days per calendar year may be accumulated as banked time.
3. Such banked time must be taken at a mutually agreeable time.
4. Any hours accumulated and not taken by December 1st of the calendar year shall be paid out at the rate at which it was banked.
5. Overtime will be offered equitably within each department.

8.04 For authorized work performed in excess of forty (40) hours per week or eight (8) hours per day, double the regular hourly rate will be paid, for Schedule "A" Outside Employees. Overtime will not be paid for periods of ten (10) minutes or less and all overtime will be paid to the next thirty (30) minute increment.

For authorized work performed in excess of thirty-five (35) hours per week or seven (7) hours per day, double the regular hourly rate will be paid, for Schedule "A" Inside Employees. Overtime will not be paid for periods of ten (10) minutes or less and all overtime will be paid to the next thirty (30) minute increment.

8.05 In cases of pre-arranged overtime not contiguous to a regular shift, unless arrangements are cancelled and the employee is given less than four (4) working hours notice before the employee is to report to work, the employee shall be paid one (1) hour at the prevailing overtime rate.

8.06 MINIMUM CALL

When an employee is called in for emergency work outside of their normal working hours, the employee shall be provided with a minimum payment of one and one-half (1-1/2) hours' pay at the appropriate premium rate or the actual time worked at the appropriate premium rate, whichever is the greater, except when a short call follows within two (2) hours of the completion of a previous call in which case time shall be considered continuous from the start of the previous call.

There shall be no minimum payment applicable to overtime worked as an extension either preceding or following an employee's normal daily working hours.

8.07 ON-CALL

(a) All qualified union personnel, as determined by the Company, will be required to perform on-call duty which will be distributed on an equitable basis among
them. The Company shall maintain an advance schedule of on-call duty which shall be made available to the staff concerned By January 31 of each year with the understanding that changes may be made due to unforeseen circumstances. A newly qualified employee will be inserted into the existing on call list behind the last qualified employee added.

(b) Each period of on-call duty shall commence at the end of the regular working hours on Thursday and shall continue until the end of the regular working hours the following Thursday. During that period, such personnel on duty must hold themselves ready to proceed immediately to the work location.

(c) The weekly allowance for "on-call" duty will be as follows:

Effective January 1, 2016 $215.00
Effective January 1, 2017 $225.00
Effective January 1, 2018 $235.00

Per week, plus $60.00 additional if a recognized holiday falls within the week.

It is acknowledged and agreed that this allowance compensates employees for responding to calls for service that do not require field visits while on call. In such cases, employees shall not be eligible for overtime or minimum call provisions.

(d) Employees scheduled for on-call duty shall be provided with a truck, beeper and cell phone for the period during which they are on call.

(e) The Company shall not schedule on-call more frequently than one week in three weeks unless by reason of vacations, illness, courses, etc. of the bargaining unit employees. On Call schedules shall be specific for each Service Centre.

(f) When the above employees are on-call, they will be required to perform some related meter calls, such as disconnects, and reconnects. However, other related meter calls involving polyphase meters, transformer meters, current transformers, potential transformers and special key access will be performed by the Meter Department personnel. On-Call will be distributed as equally as possible amongst qualified employees. Employees who are on-call are not eligible to participate in Mutual Aid Emergency Response work.

(g) Apprentice Linemen must complete 6000 hours toward their apprenticeship, the third year line course associated with the line apprenticeship and have demonstrated all required competencies before being inserted into the on-call rotation.

8.08 MEALS

When an employee is required to work unplanned overtime continuous with and in excess of normal hours to the extent of more than two (2) hours, the employee shall be supplied with a suitable meal after this period by the Company, and every four (4) hours thereafter.

If an employee is working out of town and cannot return to a service centre for a meal break he will be entitled to a 20 minute paid lunch. Any paid lunch breaks must have supervisor approval prior to being taken.

If a suitable meal cannot be provided the employee shall receive a meal allowance of fifteen dollars ($15.00).

<u>Out of Town Expenses</u>: The Company agrees to pay all reasonable expenses related to travel, meals and lodging incurred by employees while working on projects outside of the service territory.

8.09 MILEAGE

Upon ratification if the Company requires the employee to use their personal vehicle for company business, a rate of $0.45 per kilometre will be paid.

8.10 ABSENCE REPORTING

Employees are expected to attend work as scheduled. When unable to attend, the
employee shall phone his immediate Management Supervisor or delegate, or the next highest management person prior to his scheduled shift start time giving the reason he is unable to report for work. If the Supervisor (or delegate) does not answer the call, the employee shall leave a message and a phone number at which they can be reached. The Company will provide a prioritized telephone list of Management Supervisors for each department to all employees.

8.11 SPECIAL TIME OFF

In cases of extreme weather conditions resulting in employees being unable to travel to work, employees will be given the option to utilize available vacation or lieu time for the time lost or make up the time, hour for hour at a later date provided such make up time is scheduled at a mutually agreed time within two (2) months. If the make up time is not scheduled within two (2) months, the time missed from work will be deducted from the employee’s next pay.

ARTICLE 9 – RECOGNIZED HOLIDAYS

9.01 The following holidays shall be recognized by the Company:

New Year's Day	Easter Monday
Good Friday	Christmas Day
Victoria Day	Boxing Day
Canada Day	The day before Christmas Day
Civic Holiday	The day before New Year's Day
Labour Day	One (1) floater holiday Thanksgiving Day

9.02 Regular and probationary employees of the Company will be entitled to payment of normal basic wages for such holidays as occur on their normal scheduled days of work provided they have been at work or on authorized leave of absence during the full scheduled days of work which immediately precede and follow such holidays.

9.03 Regular and probationary employees required to work on such a holiday shall be paid for time worked at the premium rate specified in Article 8.04 of this agreement.

9.04 When a recognized holiday falls within an employee's vacation period such holiday shall not be counted as a vacation day.

9.05 A Floating Holiday day will be recognized by the Company and will be made available to employees who have three (3) months' service on an individual basis providing that the employee gives ten (10) working days' notice of their intention to take said holiday and providing also that the Company schedules are not disrupted.

The foregoing notification of ten (10) working days' notice may be changed by mutual agreement between management and the employee.

9.06 Whenever any of the above holidays fall on a Saturday and/or Sunday, and are not proclaimed as being observed on some other day, the following Monday and/or Tuesday shall be deemed to be holidays for the purpose of this agreement.

ARTICLE 10 – VACATIONS

10.01 Vacation pay for temporary employees shall be calculated in accordance with the Employment Standards Act. Paid vacation for regular employees shall be based on their entitlement, less any used vacation.

10.02 Vacations will, as far as it is practical, be granted at the times most desired by the employees. An employee, to ensure consideration of their request and the employee's relative Company seniority standing, must notify management of their preferred vacation period by March 1st in any given year. Management reserves the authority to designate vacation periods for all employees in a manner consistent with the efficient operation of the Company; however, only two (2) weeks vacation will normally be granted during the period June 15th to September 15th so that each employee may have an opportunity for vacation in this time period. After March 1st, additional vacation requests may be submitted over and above the two (2) weeks, if time is available. Such requests will be considered on “first come basis” with the efficient operation of the Company in mind. Requests for vacation time between the periods of January 1st to March 1st an employees request will be considered on a “first come basis”.

10.03 **(a)** Normal vacations shall not be cumulative and shall be taken in the calendar year in which they become due unless otherwise expressly provided by management.

(b) Notwithstanding the vacation schedule contained in this Article, vacation periods shall be reduced in proportion to unpaid time. There shall be no loss of time off while in receipt of pregnancy/parental leave, sick leave or Workplace Safety & Insurance Board benefits, or on paid leave of absence.

(c) Any employee who leaves the employ of the Company for any reason and has used more paid vacation than they have earned in the year they depart, shall be obligated to pay back the outstanding balance upon their departure.

10.04 Regular or probationary employees who have less than one (1) years' continuous service before December 31 shall be entitled to a vacation of one (1) working day for each full month of service to a maximum of two (2) weeks' vacation with pay.

10.05 A regular employee with one (1) year or more of continuous service will be entitled annually to two (2) weeks of vacation with pay.

10.06 Upon completion of four (4) years of continuous service, a regular employee will be entitled to three (3) weeks of vacation with pay.

10.07 Upon completion of nine (9) years of continuous service, a regular employee will be entitled to four (4) weeks of vacation with pay.

10.08 Upon completion of twelve (12) years of continuous service, a regular employee will be entitled to four (4) weeks plus one (1) day of vacation with pay.

10.09 Upon completion of fourteen (14) years of continuous service, a regular employee will be entitled to four (4) weeks plus two (2) days of vacation with pay.

10.10 Upon completion of sixteen (16) years of continuous service, a regular employee will be entitled to four (4) weeks plus three (3) days of vacation with pay.

10.11 Upon completion of eighteen (18) years of continuous service, a regular employee will be entitled to four (4) weeks plus four (4) days of vacation with pay.

10.12 Upon completion of nineteen (19) years of continuous service, a regular employee will be entitled to five (5) weeks of vacation with pay.

10.13 Upon completion of twenty (20) years of continuous service, a regular employee will be entitled to five (5) weeks plus one (1) day of vacation with pay.

10.14 Upon completion of twenty-one (21) years of continuous service, a regular employee will be entitled to five (5) weeks plus two (2) days of vacation with pay.

10.15 Upon completion of twenty-two (22) years of continuous service, a regular employee will be entitled to five (5) weeks plus three (3) days of vacation with pay.

10.16 Upon completion of twenty-three (23) years of continuous service, a regular employee will be entitled to five (5) weeks plus four (4) days of vacation with pay.

10.17 Upon completion of twenty-four (24) years of continuous service, a regular employee will be entitled to six (6) weeks of vacation with pay.

Note: For purposes of calculating vacation allowance, the vacation year commences January 1 and ends December 31 of the calendar year. Vacation entitlement is determined based on anniversary date and is earned in the calendar year in which the anniversary falls. (See Appendix "A)

ARTICLE 11 – SICK LEAVE/WEEKLY INDEMNITY BENEFITS

11.01 (a) The Company's sick leave plan for regular employees was created by the Company to reduce the financial hardship that bona fide illness can create so far as inability to work and the consequent loss of normal wages are concerned. To qualify for payment of sick pay, an employee must:

(1) have established credit for sick pay as per 11.04;

(2) ensure that their illness is reported to their immediate management supervisor, or designate or the next highest management person prior to their scheduled shift start time or as soon as practical in the circumstances;

(3) be suffering from a bona fide illness which prevents safe attendance at work and is not compensable under the Workplace Safety and Insurance Act;

(4) if requested, submit written verification of their illness signed by a qualified medical practitioner indicating the employees prognosis to return to work, the anticipated return to work date and any limitations and restrictions. Employees will be reimbursed for out of pocket costs of any such certificate;

(5) return to work as soon as possible following recovery from illness; (6) do everything reasonably possible to speed up recovery.

(b) The Company reserves the right to verify the merits of any medical certificate presented to the Company for the purpose of receiving sick leave pay. This includes reviews by a medical practitioner working on behalf of a third party administrator and/or an independent medical practitioner. Employees are required to co-operate with such third parties as a condition of receiving sick leave pay. The costs of such reviews shall be borne by the Company.

(c) It is each employee's responsibility to report to work in proper physical condition to be able to perform their assigned duties safely.

11.02 The Company will provide sick leave payments equal to one hundred percent (100%) of a regular employee's normal basic wages in accordance with 11.04 for a period up to fifteen (15) weeks. For the purposes of qualifying for LTD the 15 week qualifying period can bridge a calendar year. The absence will be considered continuous for the purposes of eligibility for Long Term disability benefit application.

11.03 In the event an employee, who has received sick leave grants for absence due to accident involving a third party, subsequently recovers loss of wages from the third party, the employee shall repay such sick leave credits to the Company.

11.04 Employees who are actively working shall be credited with a maximum of fifteen (15) weeks of paid sick leave on January 1 of each year based on the following schedule.

Three (3) years service or more	= 15 weeks
Two (2) years service or more	= 10 weeks
More than ninety (90) days service	= 5 weeks
Ninety (90) calendar days or less	= no credit for sick time

11.05 Employees are expected to make every reasonable effort to make medical and dental appointments outside of their hours of work. However, when circumstances require such an appointment to be made during working hours, the employee is expected to make the appointment at the beginning or end of their work day. Requests for paid time off to attend medical/dental appointments may be denied should the Employer determine these conditions are not being met.

ARTICLE 12 – HEALTH PLANS

12.01 The Company agrees to pay one hundred per cent (100%) of the cost of premiums of Manulife Financial Insurance Policy #73688 and RBC Insurance Policy # 48843.

Probationary and Regular employees shall be eligible for this benefit after they have successfully completed their probationary period.

Eye exams once every two years to a maximum of $75.00

Increase Vision care to $450.00 every two years and may be used towards Laser Eye Surgery

Recall exams once every 9 months for adults and every 6 months for dependents 18 and under.

12.02 In the event that the Company negotiates and completes an agreement with a health benefit company (carrier) other than the one named above, the new plan as a whole will be equal or better than the plan currently in operation. This arrangement will not prevent the grouping of benefits under a common carrier. The parties shall agree to any changes prior to implementation.

- Increase Orthodontic coverage to $2,500.00/lifetime
- Increase Paramedical (Professional Services) to - $45.00 per visit cap on all services with the exception of massage and physiotherapy which will be capped at $55.00 per visit.
- Mandatory Generic Substitution (Drug Plan)

Generic Substitution

Employees who are currently on a prescribed Brand name drug must have their doctor supply Manulife with a Manulife Request for Approval of a Brand Name Drug form to remain on the Brand name drug. Unless this form is approved by Manulife the employee will transition to the generic drug.
For all future new claims any employee who exhibits an adverse reaction would get the Manulife Request for Approval of a Brand Name Drug form completed by their doctor and then send a copy of it to Manulife.

12.03 RETIREE BENEFITS

Effective January 1, 2001, the Company agrees to provide benefits, as underwritten by Manulife Financial, based on fifty per cent (50%) of premiums paid by employee – fifty per cent (50%) of premiums paid by employer, until other employment with benefits is achieved or retiree reaches the age of 65. Employee must meet eligibility requirements as per policy. Eligibility: Employees with ten (10) years of service with the Employer and in receipt of an OMERS pension.

ARTICLE 13 – PENSION AND INSURANCE

13.01 The Company and all eligible employees will participate in the Ontario Municipal Employees' Retirement System Basic Plan (OMERS) and the Canada Pension Plan on an integrated basis.

13.02 The Company agrees to provide and pay the cost of the OMERS Supplementary Type I pension. The Type I plan became effective January 1, 1983.

13.03 The Company and its regular employees agree to participate in a Group Life Insurance Plan provided the benefits of such plan do not change without the mutual agreement of the Parties in accordance with the regulations of the plan.

ARTICLE 14 – JOB POSTING AND SELECTION

14.01 VACANCY

Any vacant position as listed in Schedule "A" of this Agreement or any position created by the Company under the Collective Agreement shall be posted with its rate of pay on the bulletin board of the Company for a period of seven (7) working days. All employees shall have the opportunity of filing an application for said position, and Management shall take into consideration ability, qualifications, and Company seniority, in making this appointment. Where the skill, ability and qualifications of the candidates are relatively equal, length of seniority shall govern the selection. It is agreed that an employee who fails to submit an application within the posted period shall not be considered for such position.

14.02 REPLACEMENT

Should an employee leave the employ of the Company or be reclassified, a decision as to whether or not the employee will be replaced from within the bargaining unit shall be made by management within two (2) weeks of the closing of the posting.

In the event the decision is to replace within the bargaining unit, such replacement will take effect within a further two (2) weeks from the decision date. Should the replacement not become effective within this two (2) week period, the selected employee shall be paid their former classification, whichever is higher, until such placement occurs, at which time the employee will receive the appropriate rate for their new classification.

14.03 VACANCY ACCEPTANCE

When an employee applies for a posted position, and their application is selected, the employee must agree to accept the position within three (3) days or their application is considered void. Upon their transfer, the employee will be paid at the first available increment in their new position that provides for a pay increase. If no such increment exists, they shall be paid at the highest rate for this position.

Any full time regular employee, who applies for a posted position and is offered the position under the qualifications outlined in Article 14 of the Collective Agreement, may be returned to their previous position within a period of 120 days worked if, during this time, the employee is considered as not being satisfactory to Management.

Employees will be limited to two (2) successful job postings in any twenty-four month period if such job postings are lateral or downward moves. However, if an employee wishes to apply for job postings which are in higher classifications, then there is no limit to the number of job postings that may be applied for.

14.04 TEMPORARY REPLACEMENT

When a regular employee is assigned by the Company to relieve in, and performs the work of a higher rated position, for two (2) hours or more, such employee shall be paid the rate of that position, at his/her current percentage (%) level, for the full time of such relief.

14.05 SENIORITY IN THE EVENT OF A PROMOTION

If an employee accepts a promotion outside of the bargaining unit and does not return to the bargaining unit within six (6) months of the date of the promotion, all seniority within the bargaining unit will be lost for purposes of layoff only. If the employee returns on/or before six (6) months, their seniority will continue to accrue from the date of promotion and will have union dues deducted for the period of their promotion. Adjusted seniority dates under this clause will be calculated and agreed upon in writing by the parties.

14.06 OUTSIDE FILLING OF VANCANCY

Where no employee possesses the skills, ability and qualifications, the Company may hire a person from outside the bargaining unit to fill the vacancy.

ARTICLE 15 – LAY OFF

15.01 (a) For the purposes of this Collective Agreement, a "layoff" will be defined as a reduction in the workforce which results in a displacement of employee(s) and/or a loss of employment. Such a layoff shall be deemed indefinite if any employee(s) is laid off for a period of sixty (60) working days or more and temporary if for a period of less than sixty (60) working days. In such circumstances, affected employees shall have the right to: accept the layoff and retain their recall rights for twelve (12) months or exercise their bumping rights.

(b) Should it become necessary to reduce the workforce within a classification, employees shall be laid off in reverse order of seniority in that classification. Once all laid off employees have been identified, those electing to bump shall do so in order of seniority. Each employee so affected shall then be able to bump the most junior employee in any classification for which they are qualified. When employees bump into a classification with a lower pay rate their wages shall be red circled.

(c) Employees who have accepted a layoff shall be recalled in order of seniority and may be eligible to fill a vacancy provided they have the necessary qualifications. Any promotion to a leadership role will be posted and filled as per Article 14.03. Still, the employee may be required to serve a familiarization period of sixty (60) to one hundred twenty (120) days worked upon return and may be returned to lay-off status if management determines their performance to be less than satisfactory. When employees are recalled to a vacancy in a lower pay rate their wages will be red-circled.

(d) When a displaced employee's former position becomes vacant during the twelve (12) month recall period, they must return to that position, except when they have successfully applied for a posted vacancy. Should their former position become vacant in the following twelve (12) month period, they shall be afforded one (1) opportunity to return to it prior to the job being posted. If the employee declines this opportunity, their red-circle shall cease and they will be paid at the rate of pay of the classification they occupy.

15.02 (a) No member of the Bargaining Unit shall be laid off if any other employment for such member is available with the Company. In the event that a reduction of staff does occur – probationary and/or temporary employees, students, contractors and/or any other persons who are not full time permanent employees (who are performing the work that the laid off employee is capable and qualified to perform) shall be released before any Bargaining Unit employee is laid off.

(b) Should such a layoff be deemed indefinite, the Company shall provide any employee(s) so affected written notification of same at least ten (10) working days in advance of the effective date of said layoff (or payment in lieu thereof). A copy of said notice will be forwarded to the Union.

Within twelve (12) months of accepting a layoff, an employee shall be recalled to a vacancy for which they are qualified provided a vacancy occurs within the recall period. The employee(s) shall be advised of the Company's intentions by registered mail to the last known address of the employee. The employee affected shall notify the Company by registered mail of any change in address. Failure of the employee, to whom the notice is mailed, to report for work within five (5) working days will terminate the employee's seniority rights, employment any obligations on the part of the Company to that employee.

ARTICLE 16 – LEAVE OF ABSENCE

16.01 REQUEST FOR LEAVE

No employee covered by the terms of this Agreement shall absent themselves from duty without first obtaining permission in writing from their immediate supervisor.

16.02 UNPAID LEAVE

When an approved unpaid leave of absence exceeds thirty (30) consecutive working days, the employee on such leave of absence will be subject to the following conditions:

- i) they shall not accumulate any additional seniority;
- ii) they will accumulate no further sick leave or vacation credits;
- iii) they will be responsible for the payment of the total cost of all benefits normally subsidized by the Company. This applies to such items as the Company's contribution to OMERS, all supplementary health plans, insurance premiums, etc. The employee will still be allowed to participate in the benefit of the group rate as long as the employee prepays the required monies to the Company.
- iv) All the foregoing conditions will only apply for the approved length of time of the leave of absence, after which they will not be considered an employee any longer.

16.03 BEREAVEMENT LEAVE

In the event of the death of a member of the immediate family of a regular employee he shall be granted a leave of absence with pay for five (5) consecutive working days in order that the employee may arrange for and attend the funeral. The immediate family includes parent, spouse, son, daughter. In any event, the employee will suffer no loss of pay on the day of the funeral.

In the event of the death of a member of the family of a regular employee, he shall be granted a leave of absence with pay for three (3) consecutive working days in order that the employee may arrange for and attend the funeral. The family includes parent in law, sister, brother, grandparents and grandchildren. In any event, the employee will suffer no loss of pay on the day of the funeral.

An employee will be allowed one (1) day without loss of pay to attend the funeral of a brother-in-law, sister-in-law, aunt and uncle.

It is agreed that the employee will contact their supervisor, or other management person, to request leave of absence and advise of the relationship and all necessary facts.

It is understood and agreed that Bereavement pay is wage loss replacement, therefore bereavement pay will not be paid for Saturday and Sunday, unless the employee was required to work those days.

16.04 JURY DUTY

The Company will pay an employee, who is required to serve on a jury or coroner’s inquest, the difference between the employee's normal pay and the amount of compensation received for such service minus mileage payment. The employee will present proof of service and the amount of pay received.

16.05 WITNESS

The Company will pay an employee who is subpoenaed to appear as a witness in any court of law or other tribunal in the Province in which the employee resides, the difference between the employee's normal pay and the amount of compensation received for such service minus mileage payment. The employee will present proof of service and the amount of pay received.

16.06 PREGNANCY/PARENTAL AND ADOPTION LEAVE(S)

Pregnancy, Parental and Adoption Leaves shall be granted in accordance with the Employment Standards Act as amended or revised. Major medical, dental, vision, shall be continued for pregnancy, parental and adoption leave only. Seniority continues to accrue.

During the seventeen (17) week Pregnancy Leave provided by the Employment Standards Act, the employee shall be entitled to a top up over and above the amount provided by Employment Insurance to bring their pay to 75% of their normal basic (gross) earnings.

16.07 EMERGENCY FAMILY LEAVE

Unpaid Emergency Family leave will be granted in accordance with the Employment Standards Act and further employees may make up earnings up to a maximum of three (3) days per year by working time in lieu as mutually agreed with their management supervisor.

ARTICLE 17 – ALLOWANCES

17.01 COMPENSABLE DISABILITY GRANT

When a regular employee, through their employment by the Company, suffers a disability which is compensable under the Workplace Safety and Insurance Act, the Company will pay the difference between the compensation award and the normal wages of the employee, less income tax deduction, for a period of up to one (1) year.

The Company will provide continuity of normal take-home pay to the employee by way of advance until payments from WSIB are received. The employee will reimburse the Company of pay advances.

17.02 TOOLS AND CLOTHING

(a) Clothing and Tools: The Company agrees to supply the following items at no cost to the employees when it is determined that they are required for the performance of normal duties:

- Rainwear including mud suits
- Rubber boots
- Rubber gloves and leather cases for rubber gloves Flash glasses including goggles and face shields Leather gloves
- Hard hats
- Identification card will be provided to all employees
- Spurs, body belts, pole strap and hand tools
- Five (5) Long Sleeve or Short Sleeve, or combination of, High Visibility Fire Retardant Shirts
- One (1) pair of Non-insulated High Visibility Fire Retardant Overalls
- One (1) Insulated High Visibility Fire Retardant Overalls One (1) Summer High Visibility Fire Retardant Jacket One (1) Insulated High Visibility Fire Retardant Jacket One (1) FR Hoodie
- Two (2) FR Pairs of Pants
- One (1) FR Hardhat Liner
- One (1) FR Balaclava

CSA approved work boot allowance upon the provision of a receipt;

January 1, 2016	up to $195.00/annum
January 1, 2017	up to $200.00/annum
January 1, 2018	up to $205.00/annum

The Company agrees to supply one (1) pair of prescription safety flash goggles every twelve (12) months upon receipt of prescription and previously supplied goggles.

It is understood that each employee will make the best use of such equipment for the employee's own safety and the protection of others while performing hazardous work.

It is understood that any equipment supplied by the Company is only to be used in performance of the Company's business and will only be replaced when the worn out or broken item is turned in.

ARTICLE 18 – GENERAL

18.01 BULLETIN BOARD

The Company will arrange for a bulletin board, at a location as mutually agreed between the parties, including all storefront locations, which may be used by the Union for posting notices which shall be subject to approval by the senior manager before posting. Notices of routine union meetings or conferences will not require management approval. There shall be no general distribution or posting of any other notices of any kind upon Company property other than as herein provided.

18.02 REST PERIODS

Each employee shall be entitled to a ten (10) minute rest period normally in the middle of the first half and second half of each scheduled work day. Rest periods shall be normally taken at the work site unless otherwise approved by management.

18.03 CONTRACTING OUT

The Company hereby agrees that no work shall be sublet or contracted-out to any person or firm at the expense of any of the Company's regular employees being laid off.

18.04 PAY DAY

The employees may normally expect to receive their pay cheques via direct deposit by noon on Friday of every second week.

18.05 INFORMATION

The Company shall notify the Union of any proposed change which may have a major effect on the employees' wage rates or working conditions.

18.06 JOB CLASSIFICATION

It is mutually agreed that during the life of the agreement the employer shall:
Review and revise job titles and descriptions for Schedule “A” employees.
Provide training and supervision for new tasks and responsibilities.

18.07 WORKFARE

The Company agrees that, in the event that participation in Workfare (or like) is being considered, it will discuss such participation with the Union prior to implementation.

18.08 GENDER APPLICATION

Wherever the masculine gender is used throughout the Articles within this Agreement, it is agreed that the feminine gender is an acceptable substitute whenever the feminine gender is applicable.

18.09 SINGULAR/PLURAL APPLICATION

Where the singular is used throughout the Articles within this Agreement, it is agreed that the plural is an acceptable substitute whenever and wherever the plural gender is applicable.

18.10 The Company agrees to provide all employees with a approximately 8.5” X 5.5” copy of the Collective Agreement.

ARTICLE 19 – COMMITTEES

19.01 The union shall provide the Company with a list of Principal Steward/stewards to be revised from time to time as changes occur. The Company will recognize the Principal Steward/stewards whose function will be to deal with matters arising out of this agreement. The Company will provide the union with a list of supervisors to whom grievances and other relevant matters may be submitted.

19.02 The Union acknowledges that Principal Steward/stewards have their regular work to perform and such persons will not leave their duties without firstly receiving permission from management, which permission will not be unreasonable withheld.

19.03 The Company agrees, for direct negotiations prior to conciliation, there shall be no loss of base wages and benefits for two (2) members of the Union Negotiation Committee.

19.04 The Parties agree that a positive approach to labour relations is vital to achieve long term success for both the Company and its employees. Therefore, both the parties agree to deal with issues around this agreement as partners rather than adversaries.

The Company will recognize a committee of not more than two (2) regular employees and a representative(s) of the Power Workers' Union at any Union-Management meeting

Labour/Management relations meetings will be held at the request of either party and be conducted as follows;

i. the meeting will be chaired by the President & CEO, or his designate
ii. the Agenda will be set two (2) weeks prior to the meeting
iii. new items can be tabled at the meeting
iv. minutes will be prepared and jointly agreed and signed one (1) week after the meeting
v. additional meetings may be held on an as required basis
vi. meetings will be held on Company time and premises

19.05 The Parties recognize the obligation and responsibility to ensure the establishment and maintenance of safe working conditions and practices and further recognize that the employees must abide by all safety rules and regulations established by the EUSA safety rules which are accepted as the minimum standard.

Joint Health and Safety Committee – The Union will be represented on the Joint Health and Safety Committee by being selected by its members or by the Union. The representative like other committee members will be entitled to take paid time to attend inspections and investigations.

The Committee shall principally have the following functions:

- To identify potential hazards
- To evaluate these potential hazards
- To recommend corrective action, and
- To follow up implemented recommendations

19.06 If the Union requires a Union representative to be released from their normal duties to perform Union business or attend training provided it does not interrupt or impede normal operations of the Company, permission will not be unreasonably withheld. The Union will compensate the Company at the employee's normal rate of pay plus burden.

19.07 If the Union requires a Union member to be released from their normal duties to perform Union business or attend training, the Company may, at its sole discretion release the employee from work. The Union will compensate the Company at the employee's normal rate of pay plus burden.

ARTICLE 20 – JOB CLASSIFICATIONS AND WAGE RATES

20.01 Job classification(s) and wage rates(s) shall be as they appear in "Schedule A" which constitutes part of this agreement. The Company shall discuss with the Union any changes to existing job classifications and wage rates, or the introduction of new job classifications and new wage rates, within five (5) working days. Where a difference arises between the parties, the Company may introduce the new or amended classification or wage rates, but either party may require that the difference between them be submitted directly to the Grievance Process outlined in Article 7 of this agreement, the decision shall be binding on both parties.

The attached schedules covering job classifications and wage rates shall be part of this Agreement and are included, as described above, for the payment of wages only. The classification and wages shall be listed in Schedule "A" attached.

ARTICLE 21 – DURATION OF AGREEMENT

21.01 This agreement shall commence on January 1, 2016 and will remain in force and effect until December 31, 2018 and thereafter from year to year unless terminated or amended by notice in writing by either party within ninety (90) days prior to the date of termination.

21.02 During the discussions or negotiations upon any proposed renewal or revision of this Agreement, the Agreement in the form in which it may be at the commencement of such negotiations shall remain in full force and effect until a satisfactory settlement has been reached or until the conciliation procedure has been completed.

SCHEDULE "A" – OUTSIDE EMPLOYEES

ETPL Schedule A – 2016-2018		2.0% per year				
Classification	**Progression**	**Percentage**	**2015**	**2016**	**2017**	**2018**
Crew Foreman - Lines		110	42.06	42.9	43.76	44.64
Sub-Foreman - Lines		105	40.15	40.95	41.77	42.61
Lineman	**48**	100	38.24	39	39.78	40.58
	36	90	34.42	35.1	35.8	36.52
	24	80	30.59	31.2	31.82	32.46
	12	70	26.77	27.3	27.85	28.41
	Start	60	22.94	23.4	23.87	24.35
Utility Operations Field Technician	48	100	38.24	39	39.78	40.58
	36	90	34.42	35.1	35.8	36.52
	24	80	30.59	31.2	31.82	32.46
	12	70	26.77	27.3	27.85	28.41
	Start	60	22.94	23.4	23.87	24.35
Sub-Foreman - Meter		105	36.35	37.08	37.82	38.58
Meter Technician	48	100	34.62	35.31	36.02	36.74
	36	95	32.89	33.54	34.22	34.9
	24	90	31.16	31.78	32.42	33.07
	12	85	29.43	30.01	30.62	31.23
	6	75	25.97	26.48	27.02	27.56
	Start	70	24.23	24.72	25.21	25.72
Electrical Engineering Technologist	48	100	39.46	40.25	41.06	41.88
	36	95	37.49	38.24	39.01	39.79
	24	90	35.51	36.23	36.95	37.69
	12	85	33.54	34.21	34.9	35.6
	6	75	29.6	30.19	30.8	31.41
	Start	70	27.62	28.18	28.74	29.32
Design Technician	48	100	34.62	35.31	36.02	36.74
	36	95	32.89	33.54	34.22	34.9
	24	90	31.16	31.78	32.42	33.07
	12	85	29.43	30.01	30.62	31.23
	6	75	25.97	26.48	27.02	27.56
	Start	70	24.23	24.72	25.21	25.72
GIS/CAD Technician	48	100	33	33.66	34.33	35.02
	36	95	31.35	31.98	32.61	33.27
	24	90	29.7	30.29	30.9	31.52
	12	85	28.05	28.61	29.18	29.77
	6	75	24.75	25.25	25.75	26.27
	Start	70	23.1	23.56	24.03	24.51

ETPL Schedule A – 2016-2018		2.0% per year				
Classification	**Progression**	**Percentage**	**2015**	**2016**	**2017**	**2018**
Inventory Control	36	100	30.67	31.28	31.91	32.55
	24	95	29.14	29.72	30.31	30.92
	12	90	27.6	28.15	28.72	29.3
	6	80	24.54	25.02	25.53	26.04
	Start	75	23	23.46	23.93	24.41
Team Lead Field Services		105	32.68	33.33	33.99	34.67
Field Services Representative	36	100	31.12	31.74	32.37	33.02
	24	95	29.56	30.15	30.75	31.37
	12	90	28.01	28.57	29.13	29.72
	6	80	24.9	25.39	25.9	26.42
	Start	75	23.34	23.81	24.28	24.77
Backhoe Operator	36	100	30.08	30.68	31.29	31.92
	24	95	28.58	29.15	29.73	30.32
	12	90	27.07	27.61	28.16	28.73
	Start	85	25.57	26.08	26.6	27.13
General Labourer	24	100	23.7	24.17	24.65	25.14
	12	95	22.52	22.96	23.42	23.88
	6	90	21.33	21.75	22.19	22.63
	Start	85	20.15	20.54	20.95	21.37

Note 1: **Movement from one level to another [up to one hundred per cent (100%)] in all schedules is by routine progression and depends upon satisfactory performance in the classification.**

Note 2: **It is understood that in the Company outside staff schedule, completion of the MEA Lineman Training Course successfully is a requirement of the classification for all employees.**

SCHEDULE "A" – INSIDE EMPLOYEES

ETPL Schedule A – 2016-2018		2.0% per year				
Classification	**Progression**	**Percentage**	**2015**	**2016**	**2017**	**2018**
Accounting Clerk	36	100	28.88	29.46	30.05	30.65
	24	95	27.44	27.99	28.55	29.12
	12	90	25.99	26.51	27.05	27.59
	6	85	24.55	25.04	25.54	26.05
	Start	80	23.1	23.57	24.04	24.52
Receptionist/Accounting Support	24	100	23.7	24.17	24.65	25.14
	12	95	22.52	22.96	23.42	23.88
	6	90	21.33	21.75	22.19	22.63
	Start	85	20.15	20.54	20.95	21.37
IS Generalist	36	100	32.21	32.85	33.51	34.18
	24	95	30.6	31.21	31.83	32.47
	12	90	28.99	29.57	30.16	30.76
	6	85	27.38	27.92	28.48	29.05
	Start	80	25.77	26.28	26.81	27.34
Regulatory Clerk	36	100	32.21	32.85	33.51	34.18
	24	95	30.6	31.21	31.83	32.47
	12	90	28.99	29.57	30.16	30.76
	6	85	27.38	27.92	28.48	29.05
	Start	80	25.77	26.28	26.81	27.34
Team Lead - Collections & Payments			31.12	31.74	32.37	33.02
Collections Clerk	36	100	28.88	29.46	30.05	30.65
	24	95	27.44	27.99	28.55	29.12
	12	90	25.99	26.51	27.05	27.59
	6	85	24.55	25.04	25.54	26.05
	Start	80	23.1	23.57	24.04	24.52
Team Lead - Billing			31.12	31.74	32.37	33.02
Billing Clerk	36	100	28.88	29.46	30.05	30.65
	24	95	27.44	27.99	28.55	29.12
	12	90	25.99	26.51	27.05	27.59
	6	85	24.55	25.04	25.54	26.05
	Start	80	23.1	23.57	24.04	24.52
Office Clerk	24	100	25.37	25.88	26.4	26.93
	12	95	24.1	24.59	25.08	25.58
	6	90	22.83	23.29	23.76	24.24
	Start	85	21.56	22	22.44	22.89

ETPL Schedule A – 2016-2018	2.0% per year					
Classification	**Progression**	**Percentage**	**2015**	**2016**	**2017**	**2018**
Engineering & Ops Clerk						
	36	100	28.88	29.46	30.05	30.65
	24	95	27.44	27.99	28.55	29.12
	12	90	25.99	26.51	27.05	27.59
	6	85	24.55	25.04	25.54	26.05
	Start	80	23.1	23.57	24.04	24.52

SCHEDULE "A" – CO-OPERATIVE/SUMMER STUDENT WAGE RATE

Co-Operative Student Rate	$16.00
Returning Rate Summer Student	$14.50
Starting Summer Student Rate	$13.00

- In the case of a high school co-operative student program, it is recognized that they will not be paid by the company.
- The Co-Operative/Summer Students will be part of the bargaining unit
- The parties will meet and come to agreement with regards to the duties of the Co-Operative/Summer Student job description
- There will be no layoffs while a Co-Operative/Summer Student is employed
- Co-Operative/Summer Student will not accrue service credit
- Co-Operative/Summer Students will only be considered for a vacancy after all internal applicants have been given reasonable consideration for the vacancy

MEMORANDUM OF AGREEMENT – CO-OP APPRENTICES

MEMORANDUM OF AGREEMENT

Between

Erie Thames Powerlines Corporation
(hereinafter referred to as 'the Employer')

And

POWER WORKERS' UNION CANADIAN UNION OF
PUBLIC EMPLOYEES LOCAL 1000 – CLC
(HEREINAFTER CALLED "THE UNION")

Regarding the matter of: Co-op Apprentices

The parties agree to the following:

1.0 Notwithstanding the intent and meaning of Article 20 of the Collective Agreement, it is agreed that the following classification and wage rate will become part of the current Collective Agreement under Schedule "A" - OUTSIDE EMPLOYEES

Classification: Co-op/ Apprentice Powerline Technician
Wage Rate: $18.50 for 1st Work Term

If upon successful completion of the 1st work term and successfully completing the 2nd semester as a Powerline Technician Training the student returns for his 2nd Work Term the wage rate will be as per the collective agreement for a starting apprentice.

2.0 University/College Co-op Program Students are hired for learning work experience, not to replace regular PWU employees or to perform work of a PWU member on an ongoing basis. This is not intended to prohibit the student from performing work assignments. However, where these assignments amount to the student being placed in a position for which a wage has been established, the student shall be paid the rate for that position.

3.0 It is agreed that the Job Description created March 30, 2011 for this classification is acceptable with the understanding that the Essential Duties and Responsibilities are restricted to level one apprentice duties. The Employer agrees that it will employ no more than one (1) co-op powerline technician at any time in each service centre (three (3) in total) per work term and forwarded from year to year unless mutual agreement between the parties changes the provisions of this midterm.

The co-op student will pay union dues as applicable but will not have the right to gain seniority nor will they have any right to any posted positions. The student will not be utilized in any planned overtime situations or have the right to any provisions in the collective agreement bargained between the parties.

For the Employer	For the Union
May 31/14	MAY 9, 2016
Date	Date

APPENDIX "A" – VACATION PAY ENTITLEMENT

<u>Vacation Pay Entitlement</u>

Upon termination or retirement, or in the event of termination as a result of merger/amalgamation or sale, bargaining unit employees hired by Ingersoll Public Utility Commission prior to January 1, 1995, will be entitled to the following vacation pay:

1) Number of days of vacation entitlement for the year prior to termination or retirement, plus
2) Number of days vacation entitlement for current year (prorated to termination or retirement date) less any used vacation

   This calculation applies to the following bargaining unit employees:
   Eric Hart
   James Eaton

   Melissa Labreche

   Jill Beemer

Vacation pay entitlement upon termination or retirement, or in the event of termination as a result of merger/amalgamation or sale, for all other bargaining unit employees will be based on prorated current year entitlement less any used vacation.

LETTER OF UNDERSTANDING

Letter of Understanding

BETWEEN:

POWER WORKERS' UNION

CANADIAN UNION of PUBLIC EMPLOYEES, LOCAL 1000, C.L.C

(the "Union")

-and-

ERIE THAMES SERVICES CORPORATION (the "Employer")

The Union and the Employer concurrently enter into a collective agreement (the "Agreement") on the following fundamental understandings:

1. The Employer, while denying that the Union is entitled to relief under sections 1(4) or 69 of the Ontario *Labour Relations Act, 1995* (the "Act"), acknowledges that the Union, by entering into the Agreement, is not waiving any rights which it may otherwise have to relief under those provisions.

2. The Union acknowledges that the Employer enters into this Agreement without prejudice to its position with respect to any claim of the Union in its current Ontario Labour Relations Board application (Board File No. 1020-01-R) or any successor application thereto, and furthr declares that the position of the other corporate entities in respect of which the Union seeks relief cannot be prejudiced by the fact that the Employer has entered into or is bound to the Agreement.

This Letter is binding, at the option of any. party seeking to enforce it, as a part of the Agreement and also pursuant to section 96(7) of the *Act.*

For the Employer	For the Union
______________	______________
______________	______________
May 31/16	MAY 9, 2016
Date	Date

LETTER OF UNDERSTANDING – FLEXTIME SCHEDULE “A” – INSIDE EMPLOYEES

FLEXTIME SCHEDULE “A”
INSIDE EMPLOYEES

The parties agree to the following:

1.0 Notwithstanding the intent and meaning of Article 8 of the Collective Agreement, the Inside Employees outlined in Schedule “A”, , shall flex in rotation allowing employees to leave early on Friday afternoons.

<u>Employees may request to be excluded from flextime if need be. Such requests shall be submitted in writing to the Union and the immediate Supervisor of the department.</u>

2.0 **<u>Flex Schedule</u>**

Where a department has five (5) or more employees participating in the flex schedule, two (2) employees per week shall work 8:30 am to 4:30 pm with a half hour lunch Monday to Thursday, logging two (2) hours. The logged two (2) hours will then be used on the Friday afternoon along with the 1 hour lunch allotted, to allow the two (2) employees to leave at 1:30 pm with no lunch period on the Friday.

<u>Where a department has no more than 4 employees participating in the flex schedule, one (1) employee per week shall work 8:30 am to 4:30 pm with a half hour lunch Monday to Thursday, logging two (2) hours. The logged two (2) hours will then be used on the Friday afternoon along with the 1 hour lunch allotted, to allow the one (1) employee to leave at 1:30 pm with no lunch period on the Friday.</u>

When requested by the employee, the logged flex time can be used on another day, as long as it falls within the same week.

Flex time schedules for a three (3) month period at a time will be completed by the immediate Supervisor of each department and will be distributed to the employees.

It is understood that there will be no trading of flex time.

3.0 **<u>Vacation and Sickness</u>**

When at least fifty (50) percent of the department is absent on the Friday the individuals scheduled to flex will be required to revert to normal working hours. If the employees scheduled to flex have already logged time within the week and are required to stay, they will be allowed to carry their logged hours into the next week and can use them at a mutually agreed upon time between the employee and their immediate supervisor.

If the individual is sick during their scheduled flex week and time has been logged for days worked within the scheduled week, the logged time will be taken on the Friday provided they have returned to work. If they are sick on the Friday any logged time for days worked within the scheduled week will be carried to the next week and will be used at a mutually agreed upon time between the employee and their immediate Supervisor.

It is understood that employees can only use the actual amount of time logged, no logged time will be allotted for vacation, lieu or sick days.

4.0 **Statutory Holidays**

When a recognized holiday falls on a Friday, the individuals scheduled to flex, shall leave at 2:00 pm on the
Thursday.

When a recognized holiday falls Monday thru Thursday, the individuals scheduled to flex, shall leave at 2:00 pm on the Friday.

For the Employer	For the Union
______________________	______________________
______________________	______________________
May 31/16	MAY 9, 2016
Date	Date

LETTER OF UNDERSTANDING – COMPRESSED WORK WEEK – SCHEDULE "A" OUTSIDE EMPLOYEES

COMPRESSED WORK WEEK (four tens) SCHEDULE "A"
OUTSIDE EMPLOYEES

The parties agree to the following:

1.0 Notwithstanding the intent and meaning of Article 8 of the Collective Agreement, the normal work week of the employees outlined in Schedule "A" (outside employees) shall be forty (40) hours consisting of five (5) days of eight (8) hours not before 0600 hours and not later than 1630 hours Monday to Friday inclusive or; four (4) days of ten (10) hours not before 0600 hours and not later than 1700 hours Monday to Thursday inclusive or Tuesday to Friday inclusive. Within a given day or week, the specific hours of work of individual employees may differ as long as they remain within the foregoing limits.

Employees may request to sign up for four/tens work week on a 3-month basis (management will provide the Union with copies of quarterly signup sheets). Where there are insufficient volunteers, management reserves the right to assign employees to jobs that warrant utilizing the compressed work week. If no volunteers then the most junior qualified would be selected first. Two (2) weeks notice of any shift start/stop times will be provided prior to any change in scheduling. The Union will be notified well in advance if the required 2 weeks notice can not be met.

3.0 **Meals**

Employees working four/tens will be granted a twenty (20) minute paid lunch break to be taken at the job site, in the middle of the workday, but in no circumstances shall an employee work more than five (5) hours without a meal break.

4.0 **Vacation**

Employees designed to work four/tens who are on vacation for a full week shall have a normal work week of forty (40) hours charged to their vacation entitlement. Employees who take vacation in incremements of less than one (1) week will have their vacation charged based on the schedule hours of work for the period they are on vacation. For greater clarity, the sum of the hours worked and the hours taken as vacation shall equal forty (40) in any week when an employee takes vacation. Should the employee have insufficient vacation entitlement, they may be allowed to request the use of lieu time or an unpaid leave of absence.

4.0 **Sickness**

Employees working a four/ten work week and are absent from work due to illness shall be paid ten (10) hours of sick pay if they normally work a forty (40) hour week.

5.0 **Statutory Holidays**

Employees who work a four/ten work week that includes a Statutory Holiday, shall work three (3) ten (10) work days and shall receive eight (8) hours' pay for the Statutory Holiday if they normally work a forty (40) hour work week. In order that the employee shall not suffer any loss of wages as a result of working a compressed work week, an additional two (2) hours pay will be included in the employee's weekly pay, and the employee will be required to work, request vacation or lieu time or otherwise gain credit for the addition of the two (2) hours, through arrangements with their direct supervisor. All efforts will be made to work the additional required hours within one week of the statutory holiday.

6.0 **Service Center**

Where work requires that the compressed work week will continue for a period of time greater than a one (1) week, employees will be required to report to their regular work center either Aylmer, Mitchell or Ingersoll at their normal scheduled start time starting on day two (2). Their shift will then commence and mileage will be paid for the use of personal vehicles between the Ingersoll, Mitchell and Aylmer service centers.

For the Employer	For the Union
May 31/16	MAY 9, 2016
Date	Date

LETTER OF UNDERSTANDING – SICK LEAVE CREDITS – HWY 8 EMPLOYEES

SICK LEAVE CREDITS

HIGHWAY 8 EMPLOYEES

The parties agree to the following:

Bill VanWyk, Martin Verberne, Rob Davidson and Philip Graul will be credited with eighty five (85) sick days, which includes 15 weeks as noted in 11.04, sick leave bank to be used to top up their LTD payments to 100% until their bank is exhausted.

For the Employer	For the Union
May 31/16	MAY 9, 2016
Date	Date

LETTER OF AGREEMENT – TRANSFER OF EMPLOYEES

Letter of Agreement

Between

Erie Thames Powerlines

(Hereafter known as the Employer)

And

Power Workers Union

(Hereafter known as the Union)

The following Letter of Understanding is replacing the Memorandum of Agreement regarding the agreement on December 10, 2010 to terms and conditions surrounding the transfer of employees between Ecaliber and Erie Thames Powerlines:

> The Company hereby agrees, in the event that any classifications are moved to ERTH Holdings Inc., the employees will follow with their classification to that Company. The employee(s) will maintain all seniority and service, wage rate and benefits accumulated.

For the Employer	For the Union
May 31/16	MAY 9, 2016
Date	Date

IN WITNESS WHEREOF the parties have hereunto set their hands and seals this 27th day of November, 2015.

FOR THE EMPLOYER	FOR THE UNION
Erie Thames Powerlines Corporation	Power Workers' Union
______________________	______________________
______________________	______________________
May 31/16	MAY 9, 2016
Date	Date

Attachment 6 (of 21):

4-F Benefit Plan

ERTH Corporation

Group Policy Number: G0073688 (EHC/Dental) and G0011770 (Other Benefits)
Class: AA - Management Employees

A message from your plan sponsor

ERTH Corporation is pleased to be able to offer you medical and financial security by sponsoring your group benefits program. We have selected Manulife Financial as a partner to help us deliver the program. They are committed to providing excellent service for us.

At this point, you will have received some basic information about how you can connect with Manulife Financial and how to submit claims. Now, I would encourage you to spend a few moments reviewing our plan's coverage so you can better understand what's available. You'll learn about not only the more routine things, but also about some of the benefits available that you may need to draw on in a time of crisis. Your plan is here to offer you some support in the event you encounter unforeseen circumstances in the future.

After reviewing the coverage, if you have any questions, check in with our plan administrator.

Table Of Contents

What you need to know about your plan

Who and what your plan covers

We are Manulife Financial, your plan sponsor's partner in supporting the group insurance benefits you receive at work. We know how important your coverage is and that you count on us to give you great tools to help you understand what you have.

Your dependants - your spouse, child or children who are insured under the Provincial Health Plan - may also be eligible for some of the coverage provided through this benefits program. Your plan sponsor's plan must be in effect and you and your dependants must have satisfied all of the participation requirements first, for your coverage to be active.

In the event that a provincial plan or government-sponsored program or plan or legally mandated program discontinues or reduces payment for any services, treatments or supplies formerly covered in full or in part by such plan or program, your group benefits plan will not automatically assume coverage of the charges for such treatments, services or supplies, but will reserve the right to determine, at the time of change, whether the expenses will be considered eligible or not.

The information provided here is an overview of the coverage and services your plan sponsor has chosen to offer as part of your group benefits program. It doesn't include reference to all of the plan details, limitations and exclusions or terms and conditions your employer has arranged. Those are set out in your plan sponsor's group benefits plan documents (for example, the policy or plan document and any plan amendments). Manulife's administrative team will refer to those plan documents when evaluating claims, your eligibility for coverage, and for the general administration of the program. In the event of a discrepancy between this coverage overview and the plan documents, the terms outlined in the plan documents will apply.

Where required by law, you or any claimant under the Policy have the right to request a copy of any or all of the following items:
- the Policy
- your application for group benefits and
- any Evidence of Insurability you submitted as part of your application for benefits

In the case of a claimant, access to these documents is limited to that which is relevant to the filing of a claim, or the denial of a claim under the policy.

Manulife Financial reserves the right to charge you for such documentation after your first request.

Time Limit on Legal Action
Every action or proceeding against Manulife Financial for the recovery of insurance money payable under the plan is absolutely barred unless commenced within the time set out in the Insurance Act or applicable legislation.

Your plan sponsor is ERTH Corporation

This booklet produced: September 08, 2016

Your plan number is G0073688 (EHC/Dental) and G0011770 (Other Benefits)
These are the main numbers you should provide as a reference when contacting Manulife Financial. Be sure to record these numbers and your plan member certificate number (from your benefits card) on all correspondence and claim forms.

Your coverage class is AA - Management Employees

The plan effective date for G0073688 is July 01, 2009

The plan effective date for G0011770 is April 01, 2014

This is the official day when all of the coverage and services your plan sponsor has arranged with us begins. Coverage starts once you have fulfilled any waiting period requirements set for your plan.

Your plan may include a waiting period for some benefits.

The day after the waiting period has finished is the earliest date you can use this coverage.

Enhanced information is also available on the Internet
There may be times when you may not have coverage details with you, but you need to find out about some portion of your coverage quickly. Know that you can always find the most up-to-date plan information - including an electronic version of this document - on the Plan Member Secure Site. Once registered, you can log-in any time from any Internet connection. Go to **www.manulife.ca/groupbenefits** and input your plan number and plan member certificate number. The site will tell you everything else you need to do to finish the registration process.

The electronic version also includes links to definitions, forms, and enhanced information that may help you understand how your benefits program can support you.

HOW LONG COULD IT TAKE TO HAVE MY CLAIM PROCESSED?

This will depend largely on how you submit your claim and how you choose to receive payment. Send paper claims to the address printed on the claim form. Be sure to record your plan contract number and plan member certificate number on all correspondence and claim forms.

USE MORE THAN ONE PLAN TO GET MORE MONEY BACK

Did you know that you can recover up to 100% of your expenses if you coordinate claims with your spouse's group plan? This is called coordination of benefits and here's how it works.

CLAIM IS FOR...	FIRST...	THEN...
You	submit to Manulife	for any unpaid balance, send a copy of your Manulife claim statement and the other insurance company's claim form to the other insurance company for processing.
Your spouse	submit claim to spouse's insurance company	for any unpaid balance, send a copy of the other insurance company's claim statement with a completed Manulife claim form to us for processing
Your children	send to the insurance company of the partner who has the earlier birth month and day	submit any balance to the other insurance company

Manulife Financial does not accept beneficiary appointments for any benefits under this Plan.

This Policy contains a provision removing or restricting the right of the group life insured to designate persons to whom or for whose benefit insurance money is to be payable.

Core Coverage and Services

Your plan sponsor has chosen to offer the following benefits to form the coverage in this program.

Dental

Your Dental Benefit is provided directly by ERTH Corporation Manulife Financial has been contracted to adjudicate and administer your claims for this benefit following standard insurance rules and practices. Payment of any eligible claim will be based on the provisions and conditions outlined in this booklet and your employer's Benefit Plan.	
Benefit Details	**Your Plan's Coverage**
Waiting Period	3 months
Deductible	None
Dental Fee Guide	Fee Guide for General Practitioners and Specialists which was in effect 1 year(s) prior to the current Fee Guide for your Province of Residence If you reside in Alberta, the Fee Guide is considered to be the 1997 Alberta Dental Association Fee Guide for General Practitioners and Specialists plus inflationary adjustment as determined by Manulife Financial
Coverage ends	At your retirement
Combined Maximum applies to: Level I Level II	Unlimited
Combined Maximum applies to: Level III Level IV	$2,000 per calendar year
Maximum applies to: Level V	$2,500 per lifetime
Level I - Basic Services Includes items such as: • complete oral exam, one per 2 calendar years • full-mouth x-rays, one per 2 calendar years • one unit of light scaling and one unit of polishing once every 6 months, when the service is performed outside Quebec, or prophylaxis once every 6 months, when the service is performed in Quebec • recall exams, bitewing x-rays and fluoride treatments, once every 6 months • initial oral hygiene instruction, plus one	100%

recall • routine diagnostic and laboratory procedures • fillings, retentive pins and pit and fissure sealants. Replacement fillings are covered provided: - the existing filling is at least 12 months old and must be replaced either due to significant breakdown of the existing filling or recurrent decay, or - the existing filling is amalgam and there is medical evidence indicating that the patient is allergic to amalgam • pre-fabricated full coverage restorations (metal and plastic) • space maintainers (appliances placed for orthodontic purposes are not covered) • minor surgical procedures and post surgical care • extractions (including impacted and residual roots) • consultations, anaesthesia, and conscious sedation • denture repairs, relines and rebases, only if the expense is incurred later than 3 months after the date of the initial placement of the denture • injection of antibiotic drugs when administered by a Dentist in conjunction with dental surgery	
Level II - Supplementary Services Includes items such as: • surgical procedures not included in Level I (excluding implant surgery) • periodontal services for treatment of diseases of the gums and other supporting tissue of the teeth, including: - scaling not covered under Level I, and root planing, up to a combined maximum of 16 units per calendar year(s) ; - provisional splinting; and - occlusal equilibration, up to a maximum of 8 units per calendar year(s) • endodontic services which include root canals and therapy, root amputation, apexifications and periapical services • root canals and therapy are limited to one initial treatment plus one re-treatment per	100%

tooth per lifetime • re-treatment is covered only if the expense is incurred more than 12 months after the initial treatment	
Level III - Dentures Includes items such as: • initial provision of full or partial removable dentures • replacement of removable dentures, provided the dentures are required because: - a natural tooth is extracted and the existing appliance cannot be made serviceable; - the existing appliance is at least 60 months old; or - the existing appliance is temporary and is replaced with the permanent dentures within 12 months of its installation • dentures required solely to replace a natural tooth which was missing prior to becoming insured for this eligible expense, are not covered	50% to a combined maximum of $2,000 per calendar year
Level IV - Major Restorative Services Includes items such as: • crowns and onlays when the function of a tooth is impaired due to cuspal or incisal angle damage caused by trauma or decay • inlays, covering at least 3 surfaces, provided the tooth cusp is missing • initial provision of fixed bridgework • replacement of bridgework, provided the new bridgework is required because: - a natural tooth is extracted and the existing appliance cannot be made serviceable; - the existing appliance is at least 60 months old; or - the existing appliance is temporary and is replaced with the permanent bridge within 12 months of its installation • bridgework required solely to replace a natural tooth which was missing prior to becoming insured under this Plan is not covered	50% to a combined maximum of $2,000 per calendar year
Level V - Orthodontics	50% to a maximum of $2,500 per lifetime

Includes items such as: • orthodontic services for dependant children only, provided treatment commences prior to reaching age 19	

Exclusions

No Dental Care benefits will be payable for expenses resulting from:

- *self-inflicted injuries*
- *war, insurrection, the hostile actions of any armed forces or participation in a riot or civil commotion*
- *the committing of or the attempt to commit an assault or criminal offence*
- *injuries sustained while operating a motor vehicle while under the influence of any intoxicant, including alcohol*
- *dental care which is cosmetic, unless required because of an accidental injury which occurred while the patient was insured under this benefit*
- *anti-snoring or sleep apnea devices*
- *broken dental appointments, third party examinations, travel to and from appointments, or completion of claim forms*
- *services which are payable by any government plan*
- *services or supplies provided by an employer's medical or dental department*
- *services or supplies for which no charge would normally be made in the absence of insurance*
- *treatment rendered for a full mouth reconstruction, for a vertical dimension or for a correction of temporomandibular joint dysfunction*
- *replacement of removable dental appliances which have been lost, mislaid or stolen*
- *laboratory fees which exceed reasonable and customary charges*
- *services or supplies which are performed or provided by the insured person, an immediate family member or a person who lives with the insured person*
- *implants, or any services rendered in conjunction with implants*
- *treatment which is not generally recognized by the dental profession as an effective, appropriate and essential form of treatment for the dental condition*
- *services or supplies which are not specified as a covered expense under this benefit*

If you anticipate charges for any treatment to exceed $500, please submit a pre-treatment plan before receiving the service so you can understand what portion your plan may cover.

Your plan will pay benefits for the least expensive course of treatment when there are two or more courses of treatment covered that would produce professionally adequate results for a given condition. Manulife's professional dental consultant will aid in evaluating the various courses of treatment available to determine which is professionally adequate.

If you apply for coverage for Dental insurance late, Late Dental Application insurance will be limited to $125 for each insured person for the first 12 months of coverage.

All claims must be submitted within 12 months after the date the expense was incurred. However, upon termination of your *insurance, all claims must be submitted no later than 90 days from the termination date.*

Extended Health Care Benefit

Your Extended Health Care Benefit is provided directly by ERTH Corporation

Manulife Financial has been contracted to adjudicate and administer your claims for this benefit following standard insurance rules and practices. Payment of any eligible claim will be based on the provisions and conditions outlined in this booklet and your employer's Benefit Plan.

This benefit has many components that extend your coverage to a wide variety of health care providers and services. Under the broad category there may be coinsurances, deductibles, maximums and limitations that apply to specific components of the coverage.

This Plan will not automatically assume eligibility for all drugs, services and supplies prescribed. New drugs, existing drugs with new indications, services and supplies are reviewed by Manulife Financial using the due diligence process. Once this process has been completed, the decision will be made by Manulife Financial to include, include with prior authorization criteria, exclude or apply maximum limits.

Benefit Details	Your Plan's Coverage
Waiting Period	3 months
Maximum	Unlimited
Deductible	Nil
Co-insurance	100% for Hospital Care, Medical Services & Supplies, Professional Services, Vision, Drugs
Coverage Ends	At your retirement

Exclusions

No Extended Health Care benefits are payable for expenses related to:

(not applicable to Health Service Navigator®)

- *self-inflicted injuries*
- *war, insurrection, the hostile actions of any armed forces or participation in a riot or civil commotion*
- *committing or attempting to commit an assault or criminal offence*
- *injuries sustained while operating a motor vehicle while under the influence of any intoxicant, including alcohol*
- *an illness or injury for which benefits are payable under any government plan or workers' compensation*
- *charges for periodic check-ups, broken appointments, third party examinations, travel for health purposes, or completion of claim forms*
- *services or supplies provided by an employer's medical or dental department*
- *services or supplies for which no charge would normally be made in the absence of insurance*
- *services and supplies where reimbursement would have been made under a government-sponsored plan, in the*

absence of insurance

- *services or supplies which are not permitted by law to be paid*
- *services or supplies which are required for recreation or sports*
- *services or supplies which would have been payable by the Provincial Plan if proper application had been made*
- *medical treatment which is not usual or customary, or is experimental or investigational in nature*
- *medical or surgical care which is cosmetic, except for sclerotherapy injections*
- *services or supplies which are performed or provided by the insured person, an immediate family member or a person who lives with the insured person*
- *services or supplies which are provided while confined in a hospital on an in-patient basis*
- *services or supplies which are not specified as a covered expense under this benefit*
- *drugs determined to be ineligible as a result of due diligence*

All claims must be submitted within 12 months after the date the expense was incurred. However, upon termination of your insurance, all claims must be submitted no later than 90 days from the termination date.

EHC - Drugs

100% **Co-insurance**

Benefit Details	Your Plan's Coverage
Prescription Drugs with **Generic Substitution** Includes the following drug classes: • oral contraceptives • life-sustaining drugs • preventive vaccines and medicines (oral or injected) • injectable medications (charges made by a practitioner or physician to administer injectable medications are not covered) • standard syringes, needles and diagnostic aids, required for the treatment of diabetes No coverage for / excludes: • sexual dysfunction drugs • drugs, biologicals and related preparations which are administered in hospital on an in-patient or out-patient basis • drugs determined to be ineligible as a result of due diligence • cotton swabs, rubbing alcohol, automatic jet injectors and similar equipment used in the treatment of diabetes • charges to administer serums, vaccines & injectable drugs • experimental or investigational drugs not approved as an effective, appropriate and essential treatment of an illness or injury • natural health products (products with a NPN)	6 months or 6 cycles of treatment per lifetime maximum on fertility drugs $300 lifetime maximum on anti-smoking prescription drugs *No Substitution Prescriptions - If your prescription contains a written direction from your physician or dentist that the prescribed drug is not to be substituted with another product, the maximum amount covered is the price of the lower cost alternative drug that can legally be used to fill the prescription, as listed in the Provincial Drug Benefit Formulary or a lower cost alternative that provides therapeutically similar results as identified by Manulife Financial.* *If there is no lower cost alternative drug for the prescribed drug, the amount payable is based on the cost of the prescribed drug.* *Reimbursement at the cost of a prescribed drug, where a lower cost alternative drug is available, will only be considered if medical evidence is provided by the treating physician to support why the lower cost alternative drug cannot be tolerated or is ineffective.* *There is a limitation on quantity of drugs that can be dispensed and claimed at one time, to the lesser of:* *a) the quantity prescribed by the Physician or Dentist; or* *b) a 34 day supply; or* *c) up to a 100 day supply may be payable in long term therapy where the larger quantity is recommended as appropriate by the Physician and the Pharmacist.* *If you are a Quebec resident, your plan's coverage will coordinate with **RAMQ**.*

EHC - Vision

100% **Co-insurance**

Benefit Details	Your Plan's Coverage
Prescription Glasses, Contact Lenses, Laser Eye Surgery, Eye Exams, Visual Training	$450 per 24 months (12 months if under 18) for prescription glasses, elective contact lenses , repairs and elective laser vision correction procedures If contact lenses are required to treat a severe condition, or if vision in the better eye can be improved to a 20/40 level with contact lenses but not with glasses, the maximum payable will be $250 during any 12 months for persons under age 18 and $250 per 24 months for persons age 18 and over Eye Exams - once per 12 months for persons under age 18 and once per 24 months for persons age 18 and over Visual Training - $250 per lifetime
	*Find out about **discounts** available to you through Manulife Financial's relationship with Preferred Vision Services (PVS).*

EHC - Health Care Professionals (Professional Services)

100% **Co-insurance**

Benefit Details	Your Plan's Coverage
Services provided by the following licensed practitioners: Chiropractor, Osteopath, Podiatrist/Chiropodist, Massage Therapist, Naturopath, Dietician, Speech Therapist, Physiotherapist, Psychologist/Social Worker, Acupuncturist	$55 per visit to a maximum of $600 per calendar year(s) for Chiropractor $45 per visit to a maximum of $600 per calendar year(s) for Osteopath $45 per visit to a maximum of $600 per calendar year(s) for Podiatrist/Chiropodist $55 per visit to a maximum of $600 per calendar year(s) for Massage Therapist $45 per visit to a maximum of $600 per calendar year(s) for Naturopath $45 per visit to a maximum of $600 per calendar year(s) for Dietician $45 per visit to a maximum of $600 per calendar year(s) for Speech Therapist $55 per visit to a maximum of $600 per calendar year(s) for Physiotherapist $45 initial visit, $45 subsequent visits, to a maximum of $600 per calendar year(s) for Psychologist/Social Worker $45 per visit to a maximum of $600 per calendar year(s) for Acupuncturist
	Expenses for some of these professional services may be payable in part by provincial plans. Coverage for the balance of such expenses prior to reaching the provincial plan maximum may be prohibited by provincial legislation. In those provinces, expenses under this benefit program are payable after the Provincial Plan's maximum for the benefit year has been paid. *The recommendation of a physician is required for services provided by a massage therapist. However, the recommendation of a physician is not required for any other Professional Services.*

EHC - Medical Supplies and Services

100% **Co-insurance** (unless otherwise stated)

For all medical equipment and supplies, coverage is limited to the cost of the device or item that adequately meets the patient's fundamental medical needs.

Benefit Details	Your Plan's Coverage
Private Duty Nursing Services Provided by a registered nurse or registered nursing assistant who has completed an approved medications training program Excludes: • custodial care, homemaking duties or supervision • services performed by a nurse practitioner who is an immediate family member or who lives with the patient • services performed while confined to a hospital, nursing home or other similar institution • services that could be performed by a person with lesser qualifications, a relative, a friend or a member of the patient's household	$10,000 per calendar year(s) *Submit a detailed treatment plan estimate before Private Duty Nursing services begin so we can advise you of what benefit may be provided.*
Hearing Aids	$400 per 5 calendar year(s) *Includes cost, installation, repair and maintenance of Hearing Aids (including charges for batteries)*
Orthopaedic Shoes/Orthotics	$100 per calendar year(s) for Stock-item Orthopaedic Shoes Custom-made Shoes which are required because of a medical abnormality that, based on medical evidence, cannot be accommodated in a stock-item orthopaedic shoe or a modified stock-item orthopaedic shoe (must be constructed by a certified orthopaedic footwear specialist).

	OR stock-item orthopaedic shoes and modifications or adjustments to stock-item orthopaedic shoes or regular footwear, all up to a maximum of $100 per calendar year(s) (recommendation of either a physician or a podiatrist is required) 2 pair per calendar year(s) for Custom Made Orthotic Foot Appliances
	Must be recommended by a physician or podiatrist.
Medical Equipment Includes items such as: • ambulance (licensed including air ambulance, provided in province of residence) • mobility equipment (crutches, canes, walkers, wheelchairs) • manual hospital beds • respiratory and oxygen equipment • other equipment usually found only in hospitals • non-dental external prostheses • braces (other than foot braces), trusses, collars, leg orthosis, casts and splints • ileostomy, colostomy and incontinence supplies • medicated dressings and burn garments • breast prosthesis • wigs and hairpieces for patients with temporary hair loss as a result of medical treatment • oxygen • charges for the treatment required as a result of an injury to natural teeth or jaw • surgical brassieres	2 per calendar year for surgical brassieres breast prosthesis, 1 per calendar year(s) wigs and hairpieces for patients with temporary hair loss as a result of medical treatment, unlimited, subject to reasonable and customary limits
	Medical equipment dispensed by a hospital is not an eligible expense. *In the province of Quebec, microscopic and other similar diagnostic tests and services rendered in a licensed laboratory are included.* *Accidental dental treatment must be provided within 12 months of the accident. Injuries sustained while biting or chewing are not covered.*
Surgical Stockings	4 pairs per calendar year

EHC - Hospital	
100% **Co-insurance**	
Benefit Details	Your Plan's Coverage
General or Rehabilitation hospitals	• in a Semi-Private Room • in excess of the hospital's public ward charge Rehabilitation Hospital (Convalescent Care Facility): 180 days per disability provided admission starts within 14 days of discharge from a hospital
	Manulife Financial will coordinate payment after any provincial plan coverage has first been applied.

EHC - Medical and Non-Medical Travel Emergencies

Benefit Details	Your Plan's Coverage
Emergency medical coverage Conditions: • Coverage is for immediate medical treatment required for: - a sudden, unexpected injury or a new medical condition which occurs while an insured person is travelling outside of their province of residence; or - a specific medical problem or chronic condition that was diagnosed but medically stable prior to departure. • Coverage is available for medical emergencies related to pregnancy as long as travel is completed at least 4 weeks before the due date. • Valid Government Health Insurance Plan (GHP) coverage is required for you and your dependants.	100% with a maximum of $5,000,000 per lifetime for Out-of-Canada Emergency and Out-of-Canada Referral expenses combined Stable means in the 90 days before departure, the insured person has not: • been treated or tested for any new symptoms or conditions; • had an increase or worsening of any existing symptoms; • changed treatments or medications (other than normal adjustments for ongoing care); • been admitted to the hospital for treatment of the condition. Coverage is not available if you (or your dependant) have scheduled non-routine appointments, tests or treatments for the condition or an undiagnosed condition. A medical emergency ends when the attending physician feels that, based on the medical evidence, a patient is stable enough to return to their home province or territory. *You are typically responsible for payment of medical expenses amounting to less than $200 CDN. When you return from your trip, you can submit a claim to be reimbursed for those expenses through the normal claim submission process.* *For charges over $200 CDN, contact the service partner shown on your benefits card as soon as possible to arrange for payment directly to the treating physician or facility.*
Non-Emergency medical coverage Conditions: • Out-of-Country Referral Travel services for services not available in Canada.	100% with a maximum of $5,000,000 per lifetime for Out-of-Canada Emergency and Out-of-Canada Referral expenses combined

• The expenses must be for the treatment of an illness and ordered in writing by a doctor located in the province where you live. The employee residences provincial medicare plan must agree in writing to pay benefits for the referral services. • Referral services must be: obtained in Canada, if available, regardless of any waiting lists, and covered by the medicare plan in the province or residence. • Out-of-Country Advances - Manulife will advance funds for services in excess of $200 to medical facilities to ensure treatment. Charges for the following are payable under this expense: • physician's services • hospital room and board at standard ward rates. Charges in excess of ward rates are payable, if hospital coverage is provided under this Benefit Program. • special hospital services • hospital charges for out-patient treatment • licensed ambulance services, including air ambulance, to transfer the patient from the nearest medical facility or hospital where adequate treatment is available • medical evacuation for admission to a hospital or medical facility in the province where the patient normally resides • suggests that you submit a detailed treatment plan with cost estimates before treatment begins. You will then be advised of any benefit that will be provided. The amount payable for these expenses will be the reasonable and customary charges less the amount payable by the Provincial Plan. Charges incurred outside the province of residence for all other Covered Extended Health Care Expenses are payable on the same basis as if they were incurred in the province of residence.	
Emergency Travel Assistance	100% with all maximums below stated in Canadian Funds.

Including: • 24 hour access to multi-lingual service representatives • referral to local medical care and treatment monitoring • payment of medical bills, medical transportation, return home of dependant children, visit by a family member, trip interruption/delay coverage, support through convalescence after hospital discharge, identification and/or return of a deceased traveller, meals and accommodation, vehicle return, pre-trip advice on passport, visa, vaccination and inoculation requirements for a destination, assistance in replacing lost documents and tickets, referral to legal assistance in your foreign destination, telephone interpretation service, emergency message service, and • after-hours medical advice phone support	$1,000 for return of vehicle $2,000 for meals and accommodations $5,000 for return of deceased *See **Emergency Travel Assistance** for additional information, a list of phone numbers for frequent Canadian travel destinations and for participating countries.*

Health for Life® - Resources to help you and your family maintain overall good health and wellness

<table>
<tr><th>Benefit Details</th><th>Your Plan's Coverage</th></tr>
<tr><td colspan="2">Your plan also includes access to services and information you and your family can use to live healthier lives. You can access these services on the Plan Member Secure Site.</td></tr>
<tr><td colspan="2">Health eLinks® - Online resources for better health</td></tr>
<tr><td>Take the first step toward healthier living through online tools and resources such as:

Health Risk Assessment

Health Library, including:
• Conditions database
• Medications database
• Tests and procedures database
• Health features
• Personal Health Improvement Program</td><td>Included and available on the Plan Member Secure Site</td></tr>
</table>

Health Service Navigator®

Whether you or a family member have been diagnosed with a critical or chronic health condition, or you are simply curious about the services available in your area, Health Service Navigator® points you to agencies or resources that may be able to provide the information you need, including:

- tips and tools you can use to navigate through the Canadian health care landscape
- a national physician search database
- provincial health plan information
- health, medical condition, treatment plan options and medication information you can trust, and
- a second medical opinion service for times when you may want to double check a serious medical diagnosis you, your spouse or your child has received

With the exception of the second opinion service (which is available by phone only), Health Service Navigator tools are all available for you or your spouse or children any time on the Plan Member Secure Site.

Survivor Benefit

Benefit Details	Your Plan's Coverage
If you die while your dependants are insured under the program, Manulife Financial will continue coverage for some benefits without payment of premium: • Extended Health Care • Dental Care	Coverage will continue until the earliest of: • the date your dependant is no longer a dependant • the date similar coverage is obtained elsewhere • the date which is 2 years from your death or • the date the Group Policy terminates

Life Insurance

You may also wish to consider supplementing this coverage by purchasing any available FollowMe, Optional or Personal Benefits coverage available for your plan.	
This benefit is insured by Manulife Financial. The plan number is G0011770.	
Benefit Details	Your Plan's Coverage
Waiting Period	3 months
Benefit Amount	$10,000
Non-Evidence Limit	$10,000
Reduction and Termination Age	Your benefit amount reduces by 50% at age 65 and terminates at age 71 or retirement, whichever is earlier
Qualifying Period for Waiver of Premium	119 days
Waiver of Premium	If you become Totally Disabled while insured and prior to age 65 and meet the Waiver of Premium Entitlement Criteria, your Life Insurance will continue without payment of premium. Totally Disabled means a restriction or lack of ability due to an illness or injury which prevents you from performing the essential duties of: • your own occupation, during the Qualifying Period and the 2 years immediately following the Qualifying Period • any occupation for which you are qualified, or may reasonably become qualified by training, education or experience, after the 2 years specified above The availability of work will not be considered by Manulife Financial in assessing your disability. If you must hold a government permit or licence to perform the duties of your job, you will not be considered Totally Disabled solely because your permit or licence has been withdrawn or not renewed.
Conversion Privilege	If your Group Benefits terminate or reduce, you may be eligible to convert your Life Insurance to an individual policy, without needing to provide medical evidence. Your application for the individual policy along with the first monthly

	premium must be received by Manulife Financial within 31 days of the termination or reduction of your Life Insurance. If you die during this 31-day period, the amount of Life Insurance available for conversion will be paid to your beneficiary or estate, even if you didn't apply for conversion. See the **conversion option** details in the Individual plan options section.
Your beneficiary or estate must **submit a claim** within 90 days of the date of death. He or she can obtain the necessary paperwork from your plan sponsor. Claims for Waiver of Premium must be submitted within 180 days of the end of the qualifying period. If you are terminally ill and not expected to live more than 24 months, and you require financial assistance, you may qualify for a Compassionate Assistance loan. You have the right to designate and/or change a beneficiary, subject to governing law. The necessary forms are available from your Plan Administrator. You should review your beneficiary designation to be sure that it reflects your current intent.	

Individual plan options available to purchase if you are leaving the plan

When your group coverage ends, your relationship with Manulife doesn't have to stop there. You have the option to purchase your own personal plans.

FollowMe™ Health

The FollowMe Health plan is specially designed for those whose group health coverage has recently or will soon come to an end. FollowMe Health allows you to continue enjoying health and dental benefits without completion of a medical questionnaire, so there's no need to worry about interruption of coverage for you or your loved ones.

If you apply within 60 days of your loss of group health and dental benefits, you will qualify without having to complete a medical questionnaire.

With four different plans and levels of coverage to choose from, you're certain to find the FollowMe Health plan that meets your needs.

*To find out more, request a brochure, get a quote, apply online or print an application, go to **www.coverme.com** or call 1-877-COVER ME® (1-877-268-3763)*

Definitions

Explanation of some of the terms used in this document

Co-insurance

The way the cost of a service is shared between you and your plan. It exists in addition to any deductibles. So for example, an 80% co-insurance means that after the deductible has been satisfied, your plan will cover up to 80% of the bill and you would pay the rest.

Co-payment

The fixed amount that you must pay towards the cost of a service each time you use your plan. Most often, co-payments exist in situations where a claim is settled at point of sale. For instance, you might see a drug benefit with a $2.00 co-pay amount. Regardless of the cost of the prescription being filled, you are required to pay $2.00.

Dependant

Your Spouse or Child who is insured under the Provincial Plan.

Spouse

- your legal spouse, or a person continuously living with you in a role like that of a marriage partner for at least one year.

Child

- your natural or adopted child, or stepchild, who is:
    - unmarried
    - under the age stated below:
      for Dental coverage - under age 21, or under age 25 if a full-time student;
      for Extended Health Care coverage - under age 21, or under age 25 if a full-time student
    - not employed on a full-time basis
    - not eligible for insurance as an employee under this or any other Group Benefit Program

- a child who is incapacitated on the date he or she reaches the age when insurance would normally terminate will continue to be an eligible dependant. However, the child must have been insured under this Benefit Program immediately prior to that date

- a child is considered incapacitated if he or she is incapable of engaging in any substantially gainful activity and is dependant on the employee for support, maintenance and care, due to a mental or physical disability. Manulife Financial may require written proof of the child's condition as often as may reasonably be necessary

- a stepchild must be living with you to be eligible

Drugs

- must be prescribed in writing by a physician, dentist or other health care professional whose scope of practice within their province permits them to write a prescription;
- must be dispensed by a licensed pharmacist;
- must have been approved for use by Health Canada and have a drug identification number(DIN).

RAMQ - Drug Benefit and Pharmacy Services for persons who reside in Quebec
If you and your dependants reside in Quebec, the following provisions apply to your drug benefit coverage:

- drugs that are on the List of Insured Drugs that is published by the Régie de l'assurance-maladie du Québec (RAMQ List), provided such drugs are on the list at the time the expense is incurred; and
- covered pharmacy services that are to be paid when the drug is on the RAMQ List; and
- drugs that are listed as a covered expense under your drug plan but are not on the RAMQ List.

The following provisions apply to the coverage of drugs that are on the RAMQ List and pharmacy services for private plans, as legislated by An Act Respecting Prescription Drug Insurance and the Health Insurance Act (R.S.Q. c., A-29-01). Coverage for all other drugs will be subject to the regular provisions included in your benefit plan.

a) Benefit Percentage
Prior to the annual out-of-pocket maximum being reached, the percentage of covered drug expenses payable under this benefit will be as follows:

i) For any drug on the RAMQ List which is not otherwise covered under the terms of this benefit, the percentage payable is the percentage as set out by legislation.

ii) For any Legislated pharmacy services which are not otherwise covered under the terms of the Policy, the percentage is as set out by the then applicable Legislation.

iii) For any drug on the RAMQ List which is covered under the terms of this benefit, the percentage payable is the greater of:

- the benefit percentage stated under the benefit; or
- the percentage as set out by the then applicable legislation.

After the annual out-of-pocket maximum has been reached, the percentage of covered drug expenses payable under this benefit will be 100%.

b) Annual Out-of-Pocket Maximum
The annual out-of-pocket maximum is a portion of covered drug expenses or covered pharmacy services which must be paid by you and your spouse in a calendar year, before the percentage payable under this benefit will be 100%. Amounts that will be applied to the annual out-of-pocket maximum are:

i) deductible amounts, and

ii) the portion of covered drug expenses that is paid by an insured person, when the percentage of covered expenses payable under this benefit is less than 100%; and

iii) covered pharmacy services that are performed by pharmacists for drugs on the RAMQ formulary.

The annual out-of-pocket maximum for you and your spouse is as stipulated in the legislation and includes those portions of covered drug expenses and covered pharmacy services relating to a drug on the RAMQ formulary paid for your dependant children.

For the purposes of calculating the out-of-pocket maximum for you and your spouse, those portions of covered drug expenses and covered pharmacy services paid for your dependant children will be applied to the person who is closest to reaching the annual out-of-pocket maximum.

c) Deductible
Deductible amounts (if any) for the drug benefit will apply, until the annual out-of-pocket maximum is reached. Thereafter, the deductible will not apply.

d) Lifetime Maximums
Lifetime maximums (if any) will not apply to drugs on the RAMQ List or covered pharmacy services. Drug and pharmacy service coverage provided after the lifetime maximum stated under this plan is reached is subject to the following conditions:
i) only drugs that are on the RAMQ List are covered, and
ii) covered pharmacy services that are performed for drugs on the RAMQ List, and
iii) the percentage payable by Manulife Financial for covered expenses is the percentage as set out by legislation.

e) Eligible Dependant Children
Your eligible dependant children who are in full-time attendance at an accredited educational institution will be covered until the later of:
i) the age specified in this Benefit Booklet or
ii) age 26.

Drug coverage and covered pharmacy services provided for dependant children after the age stated in this Benefit Booklet is subject to the following conditions:

- only drugs that are on the RAMQ List are covered, and
- covered pharmacy services performed for a drug on the RAMQ List, and
- the percentage payable by Manulife Financial for covered expenses is the percentage as set out by legislation.

f) Termination Age for Covered Drug and Pharmacy Service Expenses
Provided you are otherwise eligible for the drug benefit, the termination age (if any) for the drug benefit will not apply. Drug coverage provided after the termination age specified under The Benefit is subject to the following conditions:
i) only drugs that are on the RAMQ List are covered,
ii) only covered pharmacy services related to a drug on the RAMQ List,
iii) the percentage payable by Manulife Financial for covered expenses is the percentage as stipulated in the legislation
iv) the Annual Out-of-Pocket Maximum is as stipulated in the legislation

Coverage for drugs that are listed as a covered expense under this Benefit but not on the RAMQ List will be subject to all the standard provisions included in this Benefit Booklet.

Due Diligence

A process employed by Manulife Financial to assess new drugs, existing drugs with new indications, services or supplies to determine eligibility under the plan. This process may use pharmacoeconomics, cost effectiveness analysis reference information from existing Federal or Provincial formularies, recognized clinical practice guidelines, or an advisory body.

Earnings

Earnings are your regular rate of pay from your employer (prior to deductions)
- including regular bonuses
- including regular overtime pay

Earnings may include other income as agreed to in writing by your employer and Manulife Financial.

If you are being paid on a commission basis, your earnings will be as reported on your T4/T4A form for the previous 2 years. If you have less than 2 years of service with your employer, your earnings will include an average of the total commissions paid over your actual period of employment.

For the purposes of determining the amount of your benefit at the time of claim, your earnings will be the lesser of:
- the amount reported on your claim form, or
- the amount reported by your employer to Manulife Financial and for which premiums have been paid.

Experimental or Investigational

Not approved as an effective, appropriate and essential treatment of an illness or injury.

Lower Cost Alternative

If two or more drugs, supplies or services result in therapeutically similar results, the lower cost alternative will be considered.

Medical and Non Medical Travel Emergencies

Sudden, unexpected injuries which occur or unforeseen illnesses which begin while travelling out-of-province or out-of-Canada for business or pleasure and for accidents or illnesses that were not previously diagnosed or treated in Canada.

Medically Necessary

Accepted and recognized by the Canadian medical profession and Manulife Financial as effective, appropriate and essential treatment of a phase of an illness or injury. Manulife Financial has the right after due diligence has been completed to determine whether the drug, service or supply is eligible under the Plan.

Non-Evidence Limit

The amount of insurance benefits you can receive without needing to provide proof of good health. Anything over this figure means that Manulife must review medical evidence before you are approved for the higher amount.

Out-Of-Pocket Maximum

This is the maximum amount of money you will have to pay on your own before your insurance benefits begin to take over and pay. It includes things like deductibles, and co-insurance, but not things like co-payments or your monthly premium.

Prior Authorization

A claims management feature applied to a specific list of drugs, supplies or services to determine eligibility based on predefined clinical criteria and a pharmacoeconomic or cost effectiveness evaluation.

Pyogenic Infection

A bacterial infection or inflammation that produces a generally viscous, yellowish-white fluid formed in infected tissue. The fluid consists of white blood cells, dead tissue and cellular debris.

Reasonable and Customary Charges

The lowest of:

- the prevailing amount charged for the same or comparable service or supply in the area in which the charge is incurred, as determined by Manulife Financial; or
- the amount shown in the applicable professional association fee guide; or
- the maximum price established by law

Attachment 7 (of 21):

4-G Benefit Plan 2

ERTH Corporation

Group Policy Number: G0073688 (EHC/Dental) and G0011770 (Other Benefits)
Class: BP - Non Management Employees of Erie Thames Powerlines

A message from your plan sponsor

ERTH Corporation is pleased to be able to offer you medical and financial security by sponsoring your group benefits program. We have selected Manulife Financial as a partner to help us deliver the program. They are committed to providing excellent service for us.

At this point, you will have received some basic information about how you can connect with Manulife Financial and how to submit claims. Now, I would encourage you to spend a few moments reviewing our plan's coverage so you can better understand what's available. You'll learn about not only the more routine things, but also about some of the benefits available that you may need to draw on in a time of crisis. Your plan is here to offer you some support in the event you encounter unforeseen circumstances in the future.

After reviewing the coverage, if you have any questions, check in with our plan administrator.

Table Of Contents

What you need to know about your plan

Who and what your plan covers

We are Manulife Financial, your plan sponsor's partner in supporting the group insurance benefits you receive at work. We know how important your coverage is and that you count on us to give you great tools to help you understand what you have.

Your dependants - your spouse, child or children who are insured under the Provincial Health Plan - may also be eligible for some of the coverage provided through this benefits program. Your plan sponsor's plan must be in effect and you and your dependants must have satisfied all of the participation requirements first, for your coverage to be active.

In the event that a provincial plan or government-sponsored program or plan or legally mandated program discontinues or reduces payment for any services, treatments or supplies formerly covered in full or in part by such plan or program, your group benefits plan will not automatically assume coverage of the charges for such treatments, services or supplies, but will reserve the right to determine, at the time of change, whether the expenses will be considered eligible or not.

The information provided here is an overview of the coverage and services your plan sponsor has chosen to offer as part of your group benefits program. It doesn't include reference to all of the plan details, limitations and exclusions or terms and conditions your employer has arranged. Those are set out in your plan sponsor's group benefits plan documents (for example, the policy or plan document and any plan amendments). Manulife's administrative team will refer to those plan documents when evaluating claims, your eligibility for coverage, and for the general administration of the program. In the event of a discrepancy between this coverage overview and the plan documents, the terms outlined in the plan documents will apply.

Where required by law, you or any claimant under the Policy have the right to request a copy of any or all of the following items:

- the Policy
- your application for group benefits and
- any Evidence of Insurability you submitted as part of your application for benefits

In the case of a claimant, access to these documents is limited to that which is relevant to the filing of a claim, or the denial of a claim under the policy.

Manulife Financial reserves the right to charge you for such documentation after your first request.

Time Limit on Legal Action
Every action or proceeding against Manulife Financial for the recovery of insurance money payable under the plan is absolutely barred unless commenced within the time set out in the Insurance Act or applicable legislation.

Your plan sponsor is ERTH Corporation

This booklet produced: March 09, 2016

Your plan number is G0073688 (EHC/Dental) and G0011770 (Other Benefits)
These are the main numbers you should provide as a reference when contacting Manulife Financial. Be sure to record these numbers and your plan member certificate number (from your benefits card) on all correspondence and claim forms.

Your coverage class is BP - Non Management Employees of Erie Thames Powerlines

The plan effective date for G0073688 is July 01, 2009

The plan effective date for G0011770 is April 01, 2014

This is the official day when all of the coverage and services your plan sponsor has arranged with us begins. Coverage starts once you have fulfilled any waiting period requirements set for your plan.

Your plan may include a waiting period for some benefits.

The day after the waiting period has finished is the earliest date you can use this coverage.

Enhanced information is also available on the Internet
There may be times when you may not have coverage details with you, but you need to find out about some portion of your coverage quickly. Know that you can always find the most up-to-date plan information - including an electronic version of this document - on the Plan Member Secure Site. Once registered, you can log-in any time from any Internet connection. Go to **www.manulife.ca/groupbenefits** and input your plan number and plan member certificate number. The site will tell you everything else you need to do to finish the registration process.

The electronic version also includes links to definitions, forms, and enhanced information that may help you understand how your benefits program can support you.

HOW LONG COULD IT TAKE TO HAVE MY CLAIM PROCESSED?

This will depend largely on how you submit your claim and how you choose to receive payment. Send paper claims to the address printed on the claim form. Be sure to record your plan contract number and plan member certificate number on all correspondence and claim forms.

USE MORE THAN ONE PLAN TO GET MORE MONEY BACK
Did you know that you can recover up to 100% of your expenses if you coordinate claims with your spouse's group plan? This is called coordination of benefits and here's how it works.

CLAIM IS FOR...	FIRST...	THEN...
You	submit to Manulife	for any unpaid balance, send a copy of your Manulife claim statement and the other insurance company's claim form to the other insurance company for processing.
Your spouse	submit claim to spouse's insurance company	for any unpaid balance, send a copy of the other insurance company's claim statement with a completed Manulife claim form to us for processing
Your children	send to the insurance company of the partner who has the earlier birth month and day	submit any balance to the other insurance company

Manulife Financial does not accept beneficiary appointments for any benefits under this Plan.

This Policy contains a provision removing or restricting the right of the group life insured to designate persons to whom or for whose benefit insurance money is to be payable.

Core Coverage and Services

Your plan sponsor has chosen to offer the following benefits to form the coverage in this program.

Dental

Your Dental Benefit is provided directly by ERTH Corporation Manulife Financial has been contracted to adjudicate and administer your claims for this benefit following standard insurance rules and practices. Payment of any eligible claim will be based on the provisions and conditions outlined in this booklet and your employer's Benefit Plan.	
Benefit Details	Your Plan's Coverage
Waiting Period	120 working days
Deductible	None
Dental Fee Guide	Fee Guide for General Practitioners and Specialists which was in effect 1 year(s) prior to the current Fee Guide for your Province of Residence If you reside in Alberta, the Fee Guide is considered to be the 1997 Alberta Dental Association Fee Guide for General Practitioners and Specialists plus inflationary adjustment as determined by Manulife Financial
Coverage ends	At your retirement
Combined Maximum applies to: Level I Level II	Unlimited
Combined Maximum applies to: Level III Level IV	$2,000 per calendar year
Maximum applies to: Level V	$2,500 per lifetime
Level I - Basic Services Includes items such as: • complete oral exam, one per 2 calendar years • full-mouth x-rays, one per 2 calendar years • one unit of light scaling and one unit of polishing once every 6 months for persons under age 18 and once every 9 months for persons age 18 and over, when the service is performed outside Quebec, or prophylaxis once every 6 months for persons under age 18 and once every 9 months for persons age 18 and over, when	100%

the service is performed in Quebec • recall exams, bitewing x-rays, and fluoride treatments, once every 6 months for persons under age 18 and once every 9 months for persons age 18 and over • initial oral hygiene instruction, plus one recall • routine diagnostic and laboratory procedures • fillings, retentive pins and pit and fissure sealants. Replacement fillings are covered provided: - the existing filling is at least 12 months old and must be replaced either due to significant breakdown of the existing filling or recurrent decay, or - the existing filling is amalgam and there is medical evidence indicating that the patient is allergic to amalgam • pre-fabricated full coverage restorations (metal and plastic) • space maintainers (appliances placed for orthodontic purposes are not covered) • minor surgical procedures and post surgical care • extractions (including impacted and residual roots) • consultations, anaesthesia, and conscious sedation • denture repairs, relines and rebases, only if the expense is incurred later than 3 months after the date of the initial placement of the denture • injection of antibiotic drugs when administered by a Dentist in conjunction with dental surgery	
Level II - Supplementary Services Includes items such as: • surgical procedures not included in Level I (excluding implant surgery) • periodontal services for treatment of diseases of the gums and other supporting tissue of the teeth, including: - scaling not covered under Level I, and root planing, up to a combined maximum of 16 units per calendar year(s) ; - provisional splinting; and - occlusal equilibration, up to a maximum	100%

of 8 units per calendar year(s) • endodontic services which include root canals and therapy, root amputation, apexifications and periapical services • root canals and therapy are limited to one initial treatment plus one re-treatment per tooth per lifetime • re-treatment is covered only if the expense is incurred more than 12 months after the initial treatment	
Level III - Dentures Includes items such as: • initial provision of full or partial removable dentures • replacement of removable dentures, provided the dentures are required because: - a natural tooth is extracted and the existing appliance cannot be made serviceable; - the existing appliance is at least 60 months old; or - the existing appliance is temporary and is replaced with the permanent dentures within 12 months of its installation • dentures required solely to replace a natural tooth which was missing prior to becoming insured for this eligible expense, are not covered	50% to a combined maximum of $2,000 per calendar year
Level IV - Major Restorative Services Includes items such as: • crowns and onlays when the function of a tooth is impaired due to cuspal or incisal angle damage caused by trauma or decay • inlays, covering at least 3 surfaces, provided the tooth cusp is missing • initial provision of fixed bridgework • replacement of bridgework, provided the new bridgework is required because: - a natural tooth is extracted and the existing appliance cannot be made serviceable; - the existing appliance is at least 60 months old; or - the existing appliance is temporary and is replaced with the permanent bridge within 12 months of its installation	50% to a combined maximum of $2,000 per calendar year

• bridgework required solely to replace a natural tooth which was missing prior to becoming insured under this Plan is not covered	
Level V - Orthodontics Includes items such as: • orthodontic services for dependant children only, provided treatment commences prior to reaching age 19	50% to a maximum of $2,500 per lifetime

Exclusions

No Dental Care benefits will be payable for expenses resulting from:

- *self-inflicted injuries*
- *war, insurrection, the hostile actions of any armed forces or participation in a riot or civil commotion*
- *the committing of or the attempt to commit an assault or criminal offence*
- *injuries sustained while operating a motor vehicle while under the influence of any intoxicant, including alcohol*
- *dental care which is cosmetic, unless required because of an accidental injury which occurred while the patient was insured under this benefit*
- *anti-snoring or sleep apnea devices*
- *broken dental appointments, third party examinations, travel to and from appointments, or completion of claim forms*
- *services which are payable by any government plan*
- *services or supplies provided by an employer's medical or dental department*
- *services or supplies for which no charge would normally be made in the absence of insurance*
- *treatment rendered for a full mouth reconstruction, for a vertical dimension or for a correction of temporomandibular joint dysfunction*
- *replacement of removable dental appliances which have been lost, mislaid or stolen*
- *laboratory fees which exceed reasonable and customary charges*
- *services or supplies which are performed or provided by the insured person, an immediate family member or a person who lives with the insured person*
- *implants, or any services rendered in conjunction with implants*
- *treatment which is not generally recognized by the dental profession as an effective, appropriate and essential form of treatment for the dental condition*
- *services or supplies which are not specified as a covered expense under this benefit*

If you anticipate charges for any treatment to exceed $500, please submit a pre-treatment plan before receiving the service so you can understand what portion your plan may cover.

Your plan will pay benefits for the least expensive course of treatment when there are two or more courses of treatment covered that would produce professionally adequate results for a given condition. Manulife's professional dental consultant will aid in evaluating the various courses of treatment available to determine which is professionally adequate.

If you apply for coverage for Dental insurance late, Late Dental Application insurance will be limited to $125 for each insured person for the first 12 months of coverage.

All claims must be submitted within 12 months after the date the expense was incurred. However, upon termination of your insurance, all claims must be submitted no later than 90 days from the termination date.

Extended Health Care Benefit

Your Extended Health Care Benefit is provided directly by ERTH Corporation Manulife Financial has been contracted to adjudicate and administer your claims for this benefit following standard insurance rules and practices. Payment of any eligible claim will be based on the provisions and conditions outlined in this booklet and your employer's Benefit Plan.	
This benefit has many components that extend your coverage to a wide variety of health care providers and services. Under the broad category there may be coinsurances, deductibles, maximums and limitations that apply to specific components of the coverage.	
Benefit Details	Your Plan's Coverage
Waiting Period	120 working days
Maximum	Unlimited
Deductible	Nil
Co-insurance	100% for Hospital Care, Medical Services & Supplies, Professional Services, Vision, Drugs
Coverage Ends	At your retirement

Exclusions

No Extended Health Care benefits are payable for expenses related to:

(not applicable to Health Service Navigator®)

- *self-inflicted injuries*
- *war, insurrection, the hostile actions of any armed forces or participation in a riot or civil commotion*
- *committing or attempting to commit an assault or criminal offence*
- *injuries sustained while operating a motor vehicle while under the influence of any intoxicant, including alcohol*
- *an illness or injury for which benefits are payable under any government plan or workers' compensation*
- *charges for periodic check-ups, broken appointments, third party examinations, travel for health purposes, or completion of claim forms*
- *services or supplies provided by an employer's medical or dental department*
- *services or supplies for which no charge would normally be made in the absence of insurance*
- *services and supplies where reimbursement would have been made under a government-sponsored plan, in the absence of insurance*
- *services or supplies which are not permitted by law to be paid*
- *services or supplies which are required for recreation or sports*

- *services or supplies which would have been payable by the Provincial Plan if proper application had been made*
- *medical treatment which is not usual or customary, or is experimental or investigational in nature*
- *medical or surgical care which is cosmetic, except for sclerotherapy injections*
- *services or supplies which are performed or provided by the insured person, an immediate family member or a person who lives with the insured person*
- *services or supplies which are provided while confined in a hospital on an in-patient basis*
- *services or supplies which are not specified as a covered expense under this benefit*

All claims must be submitted within 12 months after the date the expense was incurred. However, upon termination of your insurance, all claims must be submitted no later than 90 days from the termination date.

EHC - Drugs

100% **Co-insurance**

<table>
<tr><th>Benefit Details</th><th>Your Plan's Coverage</th></tr>
<tr><td rowspan="2">Prescription Drugs with Generic Substitution

Includes the following drug classes:

• oral contraceptives
• life-sustaining drugs
• preventive vaccines and medicines (oral or injected)
• injectable medications (charges made by a practitioner or physician to administer injectable medications are not covered)
• standard syringes, needles and diagnostic aids, required for the treatment of diabetes

No coverage for / excludes:

• sexual dysfunction drugs
• drugs, which are intended to be administered in a hospital on an in-patient or out-patient basis and are not intended for a patient's use at home
• cotton swabs, rubbing alcohol, automatic jet injectors and similar equipment used in the treatment of diabetes
• charges to administer serums, vaccines & injectable drugs
• experimental or investigational drugs not approved or broadly accepted and recognized by the Canadian medical profession as an effective, appropriate and essential treatment of a sickness or injury, in accordance with Canadian medical standards
• natural health products (products with a NPN)</td><td>$5.00 per prescription drug deductible

6 months or 6 cycles of treatment per lifetime maximum on fertility drugs
$300 lifetime maximum on anti-smoking prescription drugs</td></tr>
<tr><td>No Substitution Prescriptions - If your prescription contains a written direction from your physician or dentist that the prescribed drug is not to be substituted with another product, the maximum amount covered is the price of the lowest cost interchangeable drug that can legally be used to fill the prescription. The Provincial Drug Benefit Formulary indicates which drugs are considered interchangeable drugs.

If there is no lower cost interchangeable drug for the prescribed drug, the amount covered is the cost of the prescribed product.

Reimbursement at the cost of a prescribed drug, where a lower cost interchangeable drug is available, will only be considered if medical evidence is provided by the treating physician to support why the lowest cost interchangeable drug cannot be tolerated or is ineffective.

There is a limitation on quantity of drugs that can be dispensed and claimed at one time, to the lesser of:

a) the quantity prescribed by the Physician or Dentist; or

b) a 34 day supply; or

c) up to a 100 day supply may be payable in long term therapy where the larger quantity is recommended as appropriate by the Physician and the Pharmacist.

If you are a Quebec resident, your plan's coverage will coordinate with RAMQ.</td></tr>
</table>

EHC - Vision	
100% **Co-insurance**	
Benefit Details	Your Plan's Coverage
Prescription Glasses, Contact Lenses, Laser Eye Surgery, Eye Exams, Visual Training	$450 per 24 months (12 months if under 18) for prescription glasses, elective contact lenses , repairs and elective laser vision correction procedures If contact lenses are required to treat a severe condition, or if vision in the better eye can be improved to a 20/40 level with contact lenses but not with glasses, the maximum payable will be $250 during any 12 months for persons under age 18 and $250 per 24 months for persons age 18 and over Eye Exams - once per 12 months for persons under age 18 and once per 24 months for persons age 18 and over Visual Training - $250 per lifetime
	*Find out about **discounts** available to you through Manulife Financial's relationship with Preferred Vision Services (PVS).*

EHC - Health Care Professionals (Professional Services)

100% **Co-insurance**

Benefit Details	Your Plan's Coverage
Services provided by the following licensed practitioners: Chiropractor, Osteopath, Podiatrist/Chiropodist, Massage Therapist, Naturopath, Dietician, Speech Therapist, Physiotherapist, Psychologist/Social Worker, Acupuncturist	$45 per visit to a maximum of $600 per calendar year(s) for Chiropractor $45 per visit to a maximum of $600 per calendar year(s) for Osteopath $45 per visit to a maximum of $600 per calendar year(s) for Podiatrist/Chiropodist $55 per visit to a maximum of $600 per calendar year(s) for Massage Therapist $45 per visit to a maximum of $600 per calendar year(s) for Naturopath $45 per visit to a maximum of $600 per calendar year(s) for Dietician $45 per visit to a maximum of $600 per calendar year(s) for Speech Therapist $55 per visit to a maximum of $600 per calendar year(s) for Physiotherapist $45 initial visit, $45 subsequent visits, to a maximum of $600 per calendar year(s) for Psychologist/Social Worker $45 per visit to a maximum of $600 per calendar year(s) for Acupuncturist
	Expenses for some of these professional services may be payable in part by provincial plans. Coverage for the balance of such expenses prior to reaching the provincial plan maximum may be prohibited by provincial legislation. In those provinces, expenses under this benefit program are payable after the Provincial Plan's maximum for the benefit year has been paid. *Recommendation by a physician for Professional Services is not required.*

EHC - Medical Supplies and Services

100% **Co-insurance** (unless otherwise stated)

For all medical equipment and supplies, coverage is limited to the cost of the device or item that adequately meets the patient's fundamental medical needs.

Benefit Details	Your Plan's Coverage
Private Duty Nursing Services Provided by a registered nurse or registered nursing assistant who has completed an approved medications training program Excludes: • custodial care, homemaking duties or supervision • services performed by a nurse practitioner who is an immediate family member or who lives with the patient • services performed while confined to a hospital, nursing home or other similar institution • services that could be performed by a person with lesser qualifications, a relative, a friend or a member of the patient's household	$10,000 per calendar year(s) *Submit a detailed treatment plan estimate before Private Duty Nursing services begin so we can advise you of what benefit may be provided.*
Hearing Aids	$400 per 5 calendar year(s) *Includes cost, installation, repair and maintenance of Hearing Aids (including charges for batteries)*
Orthopaedic Shoes/Orthotics	$100 per calendar year(s) for Stock-item Orthopaedic Shoes Custom-made Shoes which are required because of a medical abnormality that, based on medical evidence, cannot be accommodated in a stock-item orthopaedic shoe or a modified stock-item orthopaedic shoe (must be constructed by a certified orthopaedic footwear specialist).

<table>
<tr><td rowspan="2"></td><td>OR

stock-item orthopaedic shoes and modifications or adjustments to stock-item orthopaedic shoes or regular footwear, all up to a maximum of $100 per calendar year(s) (recommendation of either a physician or a podiatrist is required)

2 pair per calendar year(s) for Custom Made Orthotic Foot Appliances</td></tr>
<tr><td>Must be recommended by a physician or podiatrist.</td></tr>
<tr><td rowspan="2">Medical Equipment

Includes items such as:
ambulance (licensed including air ambulance, provided in province of residence)
mobility equipment (crutches, canes, walkers, wheelchairs)
manual hospital beds
respiratory and oxygen equipment
other equipment usually found only in hospitals
non-dental external prostheses
braces (other than foot braces), trusses, collars, leg orthosis, casts and splints
ileostomy, colostomy and incontinence supplies
medicated dressings and burn garments
breast prosthesis
wigs and hairpieces for patients with temporary hair loss as a result of medical treatment
oxygen
charges for the treatment required as a result of an injury to natural teeth or jaw
surgical brassieres</td><td>2 per calendar year for surgical brassieres

breast prosthesis, 1 per calendar year(s)

wigs and hairpieces for patients with temporary hair loss as a result of medical treatment, unlimited, subject to reasonable and customary limits</td></tr>
<tr><td>Medical equipment dispensed by a hospital is not an eligible expense.

In the province of Quebec, microscopic and other similar diagnostic tests and services rendered in a licensed laboratory are included.

Accidental dental treatment must be provided within 12 months of the accident. Injuries sustained while biting or chewing are not covered.</td></tr>
<tr><td>Surgical Stockings</td><td>4 pairs per calendar year</td></tr>
</table>

EHC - Hospital	
100% **Co-insurance**	
Benefit Details	Your Plan's Coverage
General or Rehabilitation hospitals	• in a Semi-Private Room • in excess of the hospital's public ward charge Rehabilitation Hospital (Convalescent Care Facility): 180 days per disability provided admission starts within 14 days of discharge from a hospital
	Manulife Financial will coordinate payment after any provincial plan coverage has first been applied.

EHC - Medical and Non-Medical Travel Emergencies

Benefit Details	Your Plan's Coverage
Emergency medical coverage Conditions: • Coverage is for immediate medical treatment required for: - a sudden, unexpected injury or a new medical condition which occurs while an insured person is travelling outside of their province of residence; or - a specific medical problem or chronic condition that was diagnosed but medically stable prior to departure. • Coverage is available for medical emergencies related to pregnancy as long as travel is completed at least 4 weeks before the due date. • Valid Government Health Insurance Plan (GHP) coverage is required for you and your dependants.	100% with a maximum of $5,000,000 per lifetime for Out-of-Canada Emergency and Out-of-Canada Referral expenses combined Stable means in the 90 days before departure, the insured person has not: • been treated or tested for any new symptoms or conditions; • had an increase or worsening of any existing symptoms; • changed treatments or medications (other than normal adjustments for ongoing care); • been admitted to the hospital for treatment of the condition. Coverage is not available if you (or your dependant) have scheduled non-routine appointments, tests or treatments for the condition or an undiagnosed condition. A medical emergency ends when the attending physician feels that, based on the medical evidence, a patient is stable enough to return to their home province or territory. *You are typically responsible for payment of medical expenses amounting to less than $200 CDN. When you return from your trip, you can submit a claim to be reimbursed for those expenses through the normal claim submission process.* *For charges over $200 CDN, contact the service partner shown on your benefits card as soon as possible to arrange for payment directly to the treating physician or facility.*
Non-Emergency medical coverage Conditions: • Out-of-Country Referral Travel services for services not available in Canada.	100% with a maximum of $5,000,000 per lifetime for Out-of-Canada Emergency and Out-of-Canada Referral expenses combined

• The expenses must be for the treatment of an illness and ordered in writing by a doctor located in the province where you live. The employee residences provincial medicare plan must agree in writing to pay benefits for the referral services. • Referral services must be: obtained in Canada, if available, regardless of any waiting lists, and covered by the medicare plan in the province or residence. • Out-of-Country Advances - Manulife will advance funds for services in excess of $200 to medical facilities to ensure treatment. Charges for the following are payable under this expense: • physician's services • hospital room and board at standard ward rates. Charges in excess of ward rates are payable, if hospital coverage is provided under this Benefit Program. • special hospital services • hospital charges for out-patient treatment • licensed ambulance services, including air ambulance, to transfer the patient from the nearest medical facility or hospital where adequate treatment is available • medical evacuation for admission to a hospital or medical facility in the province where the patient normally resides • suggests that you submit a detailed treatment plan with cost estimates before treatment begins. You will then be advised of any benefit that will be provided. The amount payable for these expenses will be the reasonable and customary charges less the amount payable by the Provincial Plan. Charges incurred outside the province of residence for all other Covered Extended Health Care Expenses are payable on the same basis as if they were incurred in the province of residence.	
Emergency Travel Assistance	100% with all maximums below stated in Canadian Funds.

<table>
<tr>
<td rowspan="2">Including:
24 hour access to multi-lingual service representatives
referral to local medical care and treatment monitoring
payment of medical bills, medical transportation, return home of dependant children, visit by a family member, trip interruption/delay coverage, support through convalescence after hospital discharge, identification and/or return of a deceased traveller, meals and accommodation, vehicle return, pre-trip advice on passport, visa, vaccination and inoculation requirements for a destination, assistance in replacing lost documents and tickets, referral to legal assistance in your foreign destination, telephone interpretation service, emergency message service, and
after-hours medical advice phone support</td>
<td>$1,000 for return of vehicle

$2,000 for meals and accommodations

$5,000 for return of deceased</td>
</tr>
<tr>
<td>See Emergency Travel Assistance for additional information, a list of phone numbers for frequent Canadian travel destinations and for participating countries.</td>
</tr>
</table>

Health for Life® - Resources to help you and your family maintain overall good health and wellness

Benefit Details	Your Plan's Coverage
Your plan also includes access to services and information you and your family can use to live healthier lives. You can access these services on the Plan Member Secure Site.	
Health eLinks® - Online resources for better health	
Take the first step toward healthier living through online tools and resources such as: Health Risk Assessment Health Library, including: • Conditions database • Medications database • Tests and procedures database • Health features • Personal Health Improvement Program	Included and available on the Plan Member Secure Site

Health Service Navigator®

Whether you or a family member have been diagnosed with a critical or chronic health condition, or you are simply curious about the services available in your area, Health Service Navigator® points you to agencies or resources that may be able to provide the information you need, including:

- tips and tools you can use to navigate through the Canadian health care landscape
- a national physician search database
- provincial health plan information
- health, medical condition, treatment plan options and medication information you can trust, and
- a second medical opinion service for times when you may want to double check a serious medical diagnosis you, your spouse or your child has received

With the exception of the second opinion service (which is available by phone only), Health Service Navigator tools are all available for you or your spouse or children any time on the Plan Member Secure Site.

Survivor Benefit

Benefit Details	Your Plan's Coverage
If you die while your dependants are insured under the program, Manulife Financial will continue coverage for some benefits without payment of premium: • Extended Health Care • Dental Care	Coverage will continue until the earliest of: • the date your dependant is no longer a dependant • the date similar coverage is obtained elsewhere • the date which is 2 years from your death or • the date the Group Policy terminates

Life Insurance

You may also wish to consider supplementing this coverage by purchasing any available FollowMe, Optional or Personal Benefits coverage available for your plan.	
This benefit is insured by Manulife Financial. The plan number is G0011770.	
Benefit Details	Your Plan's Coverage
Waiting Period	120 working days
Benefit Amount	$6,000
Non-Evidence Limit	$6,000
Reduction and Termination Age	Your benefit amount reduces by 50% at age 65 and terminates at age 71 or retirement, whichever is earlier
Qualifying Period for Waiver of Premium	105 days
Waiver of Premium	If you become Totally Disabled while insured and prior to age 65 and meet the Waiver of Premium Entitlement Criteria, your Life Insurance will continue without payment of premium. Totally Disabled means a restriction or lack of ability due to an illness or injury which prevents you from performing the essential duties of: • your own occupation, during the Qualifying Period and the 2 years immediately following the Qualifying Period • any occupation for which you are qualified, or may reasonably become qualified by training, education or experience, after the 2 years specified above The availability of work will not be considered by Manulife Financial in assessing your disability. If you must hold a government permit or licence to perform the duties of your job, you will not be considered Totally Disabled solely because your permit or licence has been withdrawn or not renewed.
Conversion Privilege	If your Group Benefits terminate or reduce, you may be eligible to convert your Life Insurance to an individual policy, without needing to provide medical evidence. Your application for the individual policy along with the first monthly

	premium must be received by Manulife Financial within 31 days of the termination or reduction of your Life Insurance. If you die during this 31-day period, the amount of Life Insurance available for conversion will be paid to your beneficiary or estate, even if you didn't apply for conversion. See the **conversion option** details in the Individual plan options section.
Your beneficiary or estate must **submit a claim** within 90 days of the date of death. He or she can obtain the necessary paperwork from your plan sponsor. Claims for Waiver of Premium must be submitted within 180 days of the end of the qualifying period. If you are terminally ill and not expected to live more than 24 months, and you require financial assistance, you may qualify for a Compassionate Assistance loan. You have the right to designate and/or change a beneficiary, subject to governing law. The necessary forms are available from your Plan Administrator. You should review your beneficiary designation to be sure that it reflects your current intent.	

Individual plan options available to purchase if you are leaving the plan

When your group coverage ends, your relationship with Manulife doesn't have to stop there. You have the option to purchase your own personal plans.

FollowMe™ Health

The FollowMe Health plan is specially designed for those whose group health coverage has recently or will soon come to an end. FollowMe Health allows you to continue enjoying health and dental benefits without completion of a medical questionnaire, so there's no need to worry about interruption of coverage for you or your loved ones.

If you apply within 60 days of your loss of group health and dental benefits, you will qualify without having to complete a medical questionnaire.

With four different plans and levels of coverage to choose from, you're certain to find the FollowMe Health plan that meets your needs.

To find out more, request a brochure, get a quote, apply online or print an application, go to ***www.coverme.com*** *or call 1-877-COVER ME® (1-877-268-3763)*

Definitions

Explanation of some of the terms used in this document

Co-insurance

The way the cost of a service is shared between you and your plan. It exists in addition to any deductibles. So for example, an 80% co-insurance means that after the deductible has been satisfied, your plan will cover up to 80% of the bill and you would pay the rest.

Co-payment

The fixed amount that you must pay towards the cost of a service each time you use your plan. Most often, co-payments exist in situations where a claim is settled at point of sale. For instance, you might see a drug benefit with a $2.00 co-pay amount. Regardless of the cost of the prescription being filled, you are required to pay $2.00.

Dependant

Your Spouse or Child who is insured under the Provincial Plan.

Spouse

- your legal spouse, or a person continuously living with you in a role like that of a marriage partner for at least one year.

Child

- your natural or adopted child, or stepchild, who is:
  - unmarried
  - under the age stated below:
    for Dental coverage - under age 21, or under age 25 if a full-time student;
    for Extended Health Care coverage - under age 21, or under age 25 if a full-time student
  - not employed on a full-time basis
  - not eligible for insurance as an employee under this or any other Group Benefit Program
- a child who is incapacitated on the date he or she reaches the age when insurance would normally terminate will continue to be an eligible dependant. However, the child must have been insured under this Benefit Program immediately prior to that date
- a child is considered incapacitated if he or she is incapable of engaging in any substantially gainful activity and is dependant on the employee for support, maintenance and care, due to a mental or physical disability. Manulife Financial may require written proof of the child's condition as often as may reasonably be necessary
- a stepchild must be living with you to be eligible

Drugs

- must be prescribed in writing by a physician, dentist or other health care professional whose scope of practice within their province permits them to write a prescription;
- must be dispensed by a licensed pharmacist;
- must have been approved for use by Health Canada and have a drug identification number(DIN).

RAMQ - Drug Benefit and Pharmacy Services for persons who reside in Quebec
If you and your dependants reside in Quebec, the following provisions apply to your drug benefit coverage:

- drugs that are on the List of Insured Drugs that is published by the Régie de l'assurance-maladie du Québec (RAMQ List), provided such drugs are on the list at the time the expense is incurred; and
- covered pharmacy services that are to be paid when the drug is on the RAMQ List; and
- drugs that are listed as a covered expense under your drug plan but are not on the RAMQ List.

The following provisions apply to the coverage of drugs that are on the RAMQ List and pharmacy services for private plans, as legislated by An Act Respecting Prescription Drug Insurance and the Health Insurance Act (R.S.Q. c., A-29-01). Coverage for all other drugs will be subject to the regular provisions included in your benefit plan.

a) Benefit Percentage
Prior to the annual out-of-pocket maximum being reached, the percentage of covered drug expenses payable under this benefit will be as follows:

i) For any drug on the RAMQ List which is not otherwise covered under the terms of this benefit, the percentage payable is the percentage as set out by legislation.

ii) For any Legislated pharmacy services which are not otherwise covered under the terms of the Policy, the percentage is as set out by the then applicable Legislation.

iii) For any drug on the RAMQ List which is covered under the terms of this benefit, the percentage payable is the greater of:

- the benefit percentage stated under the benefit; or
- the percentage as set out by the then applicable legislation.

After the annual out-of-pocket maximum has been reached, the percentage of covered drug expenses payable under this benefit will be 100%.

b) Annual Out-of-Pocket Maximum
The annual out-of-pocket maximum is a portion of covered drug expenses or covered pharmacy services which must be paid by you and your spouse in a calendar year, before the percentage payable under this benefit will be 100%. Amounts that will be applied to the annual out-of-pocket maximum are:

i) deductible amounts, and

ii) the portion of covered drug expenses that is paid by an insured person, when the percentage of covered expenses payable under this benefit is less than 100%; and

iii) covered pharmacy services that are performed by pharmacists for drugs on the RAMQ formulary.

The annual out-of-pocket maximum for you and your spouse is as stipulated in the legislation and includes those portions of covered drug expenses and covered pharmacy services relating to a drug on the RAMQ formulary paid for your dependant children.

For the purposes of calculating the out-of-pocket maximum for you and your spouse, those portions of covered drug expenses and covered pharmacy services paid for your dependant children will be applied to the person who is closest to reaching the annual out-of-pocket maximum.

c) Deductible
Deductible amounts (if any) for the drug benefit will apply, until the annual out-of-pocket maximum is reached. Thereafter, the deductible will not apply.

d) Lifetime Maximums
Lifetime maximums (if any) will not apply to drugs on the RAMQ List or covered pharmacy services. Drug and pharmacy service coverage provided after the lifetime maximum stated under this plan is reached is subject to the following conditions:
i) only drugs that are on the RAMQ List are covered, and
ii) covered pharmacy services that are performed for drugs on the RAMQ List, and
iii) the percentage payable by Manulife Financial for covered expenses is the percentage as set out by legislation.

e) Eligible Dependant Children
Your eligible dependant children who are in full-time attendance at an accredited educational institution will be covered until the later of:
i) the age specified in this Benefit Booklet or
ii) age 26.

Drug coverage and covered pharmacy services provided for dependant children after the age stated in this Benefit Booklet is subject to the following conditions:

- only drugs that are on the RAMQ List are covered, and
- covered pharmacy services performed for a drug on the RAMQ List, and
- the percentage payable by Manulife Financial for covered expenses is the percentage as set out by legislation.

f) Termination Age for Covered Drug and Pharmacy Service Expenses
Provided you are otherwise eligible for the drug benefit, the termination age (if any) for the drug benefit will not apply. Drug coverage provided after the termination age specified under The Benefit is subject to the following conditions:
i) only drugs that are on the RAMQ List are covered,
ii) only covered pharmacy services related to a drug on the RAMQ List,
iii) the percentage payable by Manulife Financial for covered expenses is the percentage as stipulated in the legislation
iv) the Annual Out-of-Pocket Maximum is as stipulated in the legislation

Coverage for drugs that are listed as a covered expense under this Benefit but not on the RAMQ List will be subject to all the standard provisions included in this Benefit Booklet.

Earnings

Earnings are your regular rate of pay from your employer (prior to deductions)
- including regular bonuses
- including regular overtime pay

Earnings may include other income as agreed to in writing by your employer and Manulife Financial.

If you are being paid on a commission basis, your earnings will be as reported on your T4/T4A form for the previous 2 years. If you have less than 2 years of service with your employer, your earnings will include an average of the total commissions paid over your actual period of employment.

For the purposes of determining the amount of your benefit at the time of claim, your earnings will be the lesser of:

- the amount reported on your claim form, or
- the amount reported by your employer to Manulife Financial and for which premiums have been paid.

Experimental or Investigational

Treatment not approved or broadly accepted and recognized by the Canadian medical profession, as an effective, appropriate and essential treatment of a sickness or injury, in accordance with Canadian medical standards.

Interchangeable Drugs

Drugs that can legally be substituted for the prescribed drug, as specified by the provincial formulary in the province in which the drug is dispensed.

Medical and Non Medical Travel Emergencies

Sudden, unexpected injuries which occur or unforeseen illnesses which begin while travelling out-of-province or out-of-Canada for business or pleasure and for accidents or illnesses that were not previously diagnosed or treated in Canada.

Medically Necessary

Treatment broadly accepted and recognized by the Canadian medical profession as effective, appropriate and essential in the treatment of a sickness or injury in accordance with Canadian medical standards.

Non-Evidence Limit

The amount of insurance benefits you can receive without needing to provide proof of good health. Anything over this figure means that Manulife must review medical evidence before you are approved for the higher amount.

Out-Of-Pocket Maximum

This is the maximum amount of money you will have to pay on your own before your insurance benefits begin to take over and pay. It includes things like deductibles, and co-insurance, but not things like co-payments or your monthly premium.

Pyogenic Infection

A bacterial infection or inflammation that produces a generally viscous, yellowish-white fluid formed in infected tissue. The fluid consists of white blood cells, dead tissue and cellular debris.

Reasonable and Customary Charges

The lowest of:

- the prevailing amount charged for the same or comparable service or supply in the area in which the charge is incurred, as determined by Manulife Financial; or
- the amount shown in the applicable professional association fee guide; or
- the maximum price established by law

Attachment 8 (of 21):

4-H Appendix 2K

File Number:	2017-0038
Exhibit:	4
Tab:	4
Schedule:	3
Page:	
Date:	September 8 2017

Appendix 2-K
Employee Costs

	Last Rebasing Year - 2012-Board Approved	Last Rebasing Year - 2012-Actual	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year
Number of Employees (FTEs including Part-Time)[1]							
Management (including executive)	12	12	12	12	14	15	14
Non-Management (union and non-union)	33	32	33	33	31	31	30
Total	45	44	45	45	45	46	44
Total Salary and Wages including ovetime and incentive pay							
Management (including executive)	$ 1,080,161	$ 1,152,879	$ 1,215,962	$ 1,235,070	$ 1,387,432	$ 1,607,297	$ 1,486,771
Non-Management (union and non-union)	$ 2,153,368	$ 2,257,488	$ 2,259,558	$ 2,393,498	$ 2,608,905	$ 2,394,895	$ 2,224,585
Total	$ 3,233,529	$ 3,410,367	$ 3,475,520	$ 3,628,568	$ 3,996,337	$ 4,002,193	$ 3,711,356
Total Benefits (Current + Accrued) [2]							
Management (including executive)	$ 255,094	$ 269,045	$ 297,160	$ 299,099	$ 334,012	$ 378,586	$ 351,075
Non-Management (union and non-union)	$ 482,454	$ 508,839	$ 549,477	$ 587,893	$ 617,537	$ 608,303	$ 564,098
Total	$ 737,549	$ 777,884	$ 846,636	$ 886,992	$ 951,549	$ 986,889	$ 915,173
Total Compensation (Salary, Wages, & Benefits)							
Management (including executive)	$ 1,335,255	$ 1,421,924	$ 1,513,122	$ 1,534,169	$ 1,721,444	$ 1,985,884	$ 1,837,846
Non-Management (union and non-union)	$ 2,635,822	$ 2,766,327	$ 2,809,035	$ 2,981,391	$ 3,226,442	$ 3,003,199	$ 2,788,683
Total	$ 3,971,078	$ 4,188,251	$ 4,322,156	$ 4,515,560	$ 4,947,885	$ 4,989,082	$ 4,626,529

Note:

[1] If an applicant wishes to use headcount, it must also file the same schedule on an FTE basis.

Attachment 9 (of 21):

4-I Appendix 2N

File Number:	2017-0038
Exhibit:	4
Tab:	5
Schedule:	1
Page:	
Date:	mber 8 2017

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2012

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		$ 31,058
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		$ 231,028
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		$ 70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		$ 3,613
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 393,237	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 160,787	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	19.79%	$ 190,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	5.03%	$ 48,304
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	13.38%	$ 128,499
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	13.53%	$ 129,899
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	$ -
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	5.73%	$ 54,998
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.79%	$ 45,996
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	37.75%	$ 362,464

Note:

1 This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:

· *Type of Service:*
Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

· *Pricing Methodology:*

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.

· *% Allocation:*

The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2013

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		$ 109,224
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		$ 251,250
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		$ 70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		$ 28,069
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services to Goderich	Fully Allocated Costs	$ 165,066	
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 365,863	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	17.42%	190,000

ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	4.72%	51,475
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	12.07%	131,669
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	6.78%	73,916
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.67%	7,340
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	3.72%	40,543
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.97%	54,208
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	49.66%	541,755

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2014

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		12,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		262,964
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		4,200
ERTH Hldgs	Erie Thames Powerlines	Optimizer - Support/Mtnce	Market Value		40,000
ERTH Hldgs	Erie Thames Powerlines	Data Mining	Fully Allocated Costs		24,000
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 403,321	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 134,512	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	16.10%	205,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	4.64%	59,132
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	10.18%	129,678
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	4.23%	53,811
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	-
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	6.70%	85,367
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	5.84%	74,416
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	52.30%	666,047

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2015

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		170,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		269,538
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		70,560
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		4,200
ERTH Hldgs	Erie Thames Powerlines	Optimizer - Support/Mtnce	Market Value		40,000
Erie Thames Powerlines	ERTH Hldgs	Billing Services		$ 341,705	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 106,638	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	15.23%	200,000
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	6.14%	80,560
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	4.03%	52,900
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	5.48%	72,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	4.44%	58,256
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	6.18%	81,120
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	58.51%	548,216

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2016

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		170,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		231,121
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		50,535
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		3,371
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 438,576	
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 145,116	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	16.53%	212,500
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	2.18%	28,000
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	4.59%	59,000
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	10.97%	141,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	5.60%	72,000
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	2.96%	38,000
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	57.18%	515,000

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2017

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		191,000
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		235,744
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		72,900

ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		3,439
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 148,018	
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 447,348	

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	22.62%	216,500
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	2.09%	20,000
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	5.96%	57,000
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	8.25%	79,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	8.57%	82,000
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.28%	41,000
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	48.22%	461,500

Appendix 2-N

Shared Services and Corporate Cost Allocation [1]

Year: 2018

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
ERTH Hldgs	Erie Thames Powerlines	IT Work	Fully Allocated Costs		217,850
ERTH Hldgs	Erie Thames Powerlines	Billing Services	Fully Allocated Costs		240,459
ERTH Hldgs	Erie Thames Powerlines	MSP	Market Value		72,900
ERTH Hldgs	Erie Thames Powerlines	AMV	Market Value		3,507
Erie Thames Powerlines	ERTH Corp	Eng/Ops/ Services	Fully Allocated Costs	$ 150,979	
Erie Thames Powerlines	ERTH Hldgs	Billing Services	Fully Allocated Costs	$ 456,295	

Corporate Cost Allocation

Name of Company					

From	To	Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
				%	$
ERTH Corp	Erie Thames Powerlines	Rent	Market Value	22.48%	222,995
ERTH Corp	Erie Thames Powerlines	Board Corporate Governance Costs	Fully Allocated Costs	2.08%	20,600
ERTH Corp	Erie Thames Powerlines	IT Infrastructure	Fully Allocated Costs	5.86%	58,140
ERTH Corp	Erie Thames Powerlines	Legal	Fully Allocated Costs	7.96%	79,000
ERTH Corp	Erie Thames Powerlines	Business Development	Fully Allocated Costs	0.00%	-
ERTH Corp	Erie Thames Powerlines	Shared Costs	Fully Allocated Costs	8.51%	84,460
ERTH Corp	Erie Thames Powerlines	Human resourses	Fully Allocated Costs	4.26%	42,230
ERTH Corp	Erie Thames Powerlines	Management Fees	Fully Allocated Costs	48.85%	484,575

Attachment 10 (of 21):

4-J Appendix 2BB

File Number:	2017-0038
Exhibit:	4
Tab:	8
Schedule:	2
Page:	
Date:	September 8 2017

Appendix 2-BB
Service Life Comparison
Table F-1 from Kinetrics Report[1]

		Asset Details			Useful Life			USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of Min, Max TUL?	
Parent*	**#**	**Category| Component | Type**			**MIN UL**	**TUL**	**MAX UL**			**Years**	**Rate**	**Years**	**Rate**	**Below Min TUL**	**Above Max TUL**
OH	1	Fully Dressed Wood Poles	Overall		35	45	75	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
				Steel	30	70	95	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
	2	Fully Dressed Concrete Poles	Overall		50	60	80	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
				Steel	30	70	95	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
	3	Fully Dressed Steel Poles	Overall		60	60	80	1830	Poles, Towers, and Fixtures	25	4%	60	2%	No	No
			Cross Arm	Wood	20	40	55	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
				Steel	30	70	95	1830	Poles, Towers, and Fixtures	25	4%	50	2%	No	No
	4	OH Line Switch			30	45	55	1835	Overhead Conductors and Devices	25	4%	60	2%	No	Yes
	5	OH Line Switch Motor			15	25	25								
	6	OH Line Switch RTU			15	20	20								
	7	OH Integral Switches			35	45	60	1835	Overhead Conductors and Devices	25	4%	60	2%	No	No
	8	OH Conductors			50	60	75	1835	Overhead Conductors and Devices	25	4%	60	2%	No	No
	9	OH Transformers & Voltage Regulators			30	40	60	1850	Line Transformers	25	4%	40	3%	No	No
	10	OH Shunt Capacitor Banks			25	30	40								
	11	Reclosers			25	40	55	1850	Line Transformers	25	4%	40	3%	No	No
TS & MS	12	Power Transformers	Overall		30	45	60	1850	Line Transformers	25	4%	40	3%	No	No
			Bushing		10	20	30	1850	Line Transformers	25	4%	40	3%	No	Yes
			Tap Changer		20	30	60	1850	Line Transformers	25	4%	40	3%	No	No
	13	Station Service Transformer			30	45	55	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	Yes
	14	Station Grounding Transformer			30	40	40	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	Yes
	15	Station DC System	Overall		10	20	30	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	Yes
			Battery Bank		10	15	15	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	Yes
			Charger		20	20	30	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	Yes
	16	Station Metal Clad Switchgear	Overall		30	40	60	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	No
			Removable Breaker		25	40	60	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	No
	17	Station Independent Breakers			35	45	65	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	No
	18	Station Switch			30	50	60	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	No
	19	Electromechanical Relays			25	35	50	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	Yes
	20	Solid State Relays			10	30	45								
	21	Digital & Numeric Relays			15	20	20								
	22	Rigid Busbars			30	55	60	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	No
	23	Steel Structure			35	50	90	1820	Distribution Station Equipment - Normally	25	4%	60	2%	No	No
UG	24	Primary Paper Insulated Lead Covered (PILC) Cables			60	65	75	1845	Underground Conductors and Devices	25	4%	40	3%	Yes	No
	25	Primary Ethylene-Propylene Rubber (EPR) Cables			20	25	25								
	26	Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried			20	25	30	1845	Underground Conductors and Devices	25	4%	40	3%	No	Yes
	27	Primary Non-TR XLPE Cables in Duct			20	25	30	1845	Underground Conductors and Devices	25	4%	40	3%	No	Yes
	30	Secondary PILC Cables			70	75	80								
	31	Secondary Cables Direct Buried			25	35	40	1845	Underground Conductors and Devices	25	4%	40	3%	No	No
	32	Secondary Cables in Duct			35	40	60	1845	Underground Conductors and Devices	25	4%	40	3%	No	No
	33	Network Tranformers	Overall		20	35	50	1850	Line Transformers	25	4%	40	3%	No	No
			Protector		20	35	40	1850	Line Transformers	25	4%	40	3%	No	No
	34	Pad-Mounted Transformers			25	40	45	1850	Line Transformers	25	4%	40	3%	No	No
	35	Submersible/Vault Transformers			25	35	45	1850	Line Transformers	25	4%	40	3%	No	No
	36	UG Foundation			35	55	70	1850	Line Transformers	25	4%	40	3%	No	No
	37	UG Vaults	Overall		40	60	80	1850	Line Transformers	25	4%	40	3%	No	No
			Roof		20	30	45	1850	Line Transformers	25	4%	40	3%	No	No
	38	UG Vault Switches			20	35	50	1850	Line Transformers	25	4%	40	3%	No	No
	39	Pad-Mounted Switchgear			20	30	45	1850	Line Transformers	25	4%	40	3%	No	No
	40	Ducts			30	50	85	1840	Underground Conduit	25	4%	45	2%	No	No
	41	Concrete Encased Duct Banks			35	55	80	1840	Underground Conduit	25	4%	45	2%	No	No
	42	Cable Chambers			50	60	80								
S	43	Remote SCADA			15	20	30								

Table F-2 from Kinetrics Report[1]

	Asset Details		Useful Life Range		USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of Min, Max TUL?	
#	**Category| Component | Type**						**Years**	**Rate**	**Years**	**Rate**	**Below Min Range**	**Above Max Range**
1	Office Equipment		5	15	1915	Office Furniture and Equipment	10	10%	10	10%	No	No
2	Vehicles	Trucks & Buckets	5	15	1930	Transportation Equipment	8	13%	10	10%	No	No
		Trailers	5	20	1930	Transportation Equipment	8	13%	10	10%	No	No
		Vans	5	10	1930	Transportation Equipment	8	13%	8	13%	No	No
3	Administrative Buildings		50	75	n/a							
4	Leasehold Improvements		Lease dependent		1910	Leasehold Improvements	25	4%	55	2%		
5	Station Buildings	Station Buildings	50	75	1808	Buildings and Fixtures	25	4%	55	2%	No	No
		Parking	25	30	1808	Buildings and Fixtures	25	4%	55	2%	No	Yes
		Fence	25	60	1808	Buildings and Fixtures	25	4%	55	2%	No	No
		Roof	20	30	1808	Buildings and Fixtures	25	4%	55	2%	No	Yes
6	Computer Equipment	Hardware	3	5	1920	Computer Equipment - Hardware	5	20%	5	20%	No	No
		Software	2	5	1611	Computer Software	3	33%	3	33%	No	No
7	Equipment	Power Operated	5	10	1950	Power Operated Equipment	10	10%	8	13%	No	No
		Stores	5	10								
		Tools, Shop, Garage Equipment	5	10	1940	Tools, Shop and Garage Equipment	10	10%	8	13%	No	No
		Measurement & Testing Equipment	5	10	1945	Measurement and Testing Equipment	10	10%	8	13%	No	No
8	Communication	Towers	60	70								
		Wireless	2	10	1955	Communication Equipment	0		5	20%	No	No
9	Residential Energy Meters		25	35								
10	Industrial/Commercial Energy Meters		25	35	1860	Meters	25	4%	25	4%	No	No
11	Wholesale Energy Meters		15	30	1860	Meters	25	4%	25	4%	No	No
12	Current & Potential Transformer (CT & PT)		35	50	1860	Meters	25	4%				
13	Smart Meters		5	15	1860	Meters	25	4%	12	8%	No	No
14	Repeaters - Smart Metering		10	15	1860	Meters	25	4%	12	8%	No	No
15	Data Collectors - Smart Metering		15	20	1955	Meters	25	4%	5	20%	Yes	No

TS & MS = Transformer and Municipal Stations UG = Underground Systems S = Monitoring and Control Systems

Note 1: Tables F-1 and F-2 above are to be used as a reference in order to complete columns J, K, L and N.
See pages 17-19 of Kinetrics Report

Attachment 11 (of 21):

4-K Appendix 2C

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2013	CGAAP
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 455,376	$ 8,216	$ 447,160	$ 54,671		$ 54,671	$ 54,671	1.26	79.46%	3.00	33.33%	$ 355,293	$ 18,224	$ 9,112	$ 382,628	$ 737,541	$ 354,913
1612	Land Rights (Formally known as Account 1906)	$ 42,932		$ 42,932	$ 947		$ 947	$ 947		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 103,344		$ 103,344	$ 695		$ 695	$ 695		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 124,624		$ 124,624	$ 24,917		$ 24,917	$ 24,917	38.16	2.62%	60.00	1.67%	$ 3,266	$ 415	$ 208	$ 3,889	$ 75,074	$ 71,185
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 416,939		$ 416,939	$ 16,591		$ 16,591	$ 16,591	41.37	2.42%	60.00	1.67%	$ 10,078	$ 277	$ 138	$ 10,493	$ 198,234	$ 187,742
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 3,625,291		$ 3,625,291	$ 508,874		$ 508,874	$ 508,874	29.95	3.34%	50.00	2.00%	$ 121,035	$ 10,177	$ 5,089	$ 136,301	$ 2,544,985	$ 2,408,684
1835	Overhead Conductors & Devices	$ 3,973,943		$ 3,973,943	$ 770,131		$ 770,131	$ 770,131	21.07	4.75%	60.00	1.67%	$ 188,573	$ 12,836	$ 6,418	$ 207,827	$ 7,035,076	$ 6,827,249
1840	Underground Conduit	$ 2,397,565		$ 2,397,565	$ 46,781		$ 46,781	$ 46,781	40.15	2.49%	45.00	2.22%	$ 59,715	$ 1,040	$ 520	$ 61,274	$ 355,354	$ 294,079
1845	Underground Conductors & Devices	$ 4,872,045		$ 4,872,045	$ 379,360		$ 379,360	$ 379,360	38.61	2.59%	45.00	2.22%	$ 126,171	$ 8,430	$ 4,215	$ 138,816	$ 953,898	$ 815,082
1850	Line Transformers	$ 6,053,932		$ 6,053,932	$ 649,661		$ 649,661	$ 649,661	33.26	3.01%	40.00	2.50%	$ 182,002	$ 16,242	$ 8,121	$ 206,364	$ 1,267,670	$ 1,061,306
1855	Services (Overhead & Underground)	$ 2,484,788		$ 2,484,788	$ 332,065		$ 332,065	$ 332,065	38.19	2.62%	60.00	1.67%	$ 65,057	$ 5,534	$ 2,767	$ 73,359	$ 1,486,280	$ 1,412,921
1860	Meters	$ 2,475,116		$ 2,475,116	$ 35,278		$ 35,278	$ 35,278	37.91	2.64%	25.00	4.00%	$ 65,289	$ 1,411	$ 706	$ 67,406	$ 1,198,433	$ 1,131,027
1860	Meters (Smart Meters)	$ -		$ -	$ 229,651		$ 229,651	$ 229,651	-	0.00%	12.00	8.33%	$ -	$ 19,138	$ 9,569	$ 28,706		-$ 28,706
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 174,259		$ 174,259	$ 53,273		$ 53,273	$ 53,273	51.13	1.96%	55.00	1.82%	$ 3,408	$ 969	$ 484	$ 4,861	$ 17,091	$ 12,230
1915	Office Furniture & Equipment (10 years)	$ 23,165		$ 23,165	$ 3,059		$ 3,059	$ 3,059	2.68	37.28%	10.00	10.00%	$ 8,636	$ 306	$ 153	$ 9,095	$ 68,291	$ 59,196
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 19,443	$ 19,443
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 41,332		$ 41,332	$ 57,214		$ 57,214	$ 57,214	4.50	22.22%	5.00	20.00%	$ 9,185	$ 11,443	$ 5,721	$ 26,349	$ 97,941	$ 71,592
1930	Transportation Equipment	$ 925,955		$ 925,955	$ 386,632		$ 386,632	$ 386,632	2.77	36.07%	8.00	12.50%	$ 333,978	$ 48,329	$ 24,164	$ 406,472	$ 1,960,132	$ 1,553,660
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 79,940		$ 79,940	$ 16,442		$ 16,442	$ 16,442	4.55	21.99%	10.00	10.00%	$ 17,580	$ 1,644	$ 822	$ 20,046	$ 117,688	$ 97,642
1945	Measurement & Testing Equipment	$ 11,001		$ 11,001	$ -		$ -	$ -	6.09	16.43%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 5,269	$ 3,461
1950	Power Operated Equipment	$ 51,894		$ 51,894	$ -		$ -	$ -	6.48	15.44%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 20,209	$ 12,197
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 203,267		$ 203,267	$ 42,216		$ 42,216	$ 42,216	4.75	21.05%	5.00	20.00%	$ 42,793	$ 8,443	$ 4,222	$ 55,458	$ 57,713	$ 2,255
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 4,479,752		-$ 4,479,752	-$ 1,446,296		-$ 1,446,296	-$ 1,446,296	20.96	4.77%	25.00	4.00%	-$ 213,766	-$ 57,852	-$ 28,926	-$ 300,543	-$ 971,011	-$ 670,467
	Total	**$ 24,056,954**	**$ 8,216**	**$ 24,048,738**	**$ 2,162,162**	**$ -**	**$ 2,162,162**	**$ 2,162,162**					**$ 1,388,113**	**$ 107,005**	**$ 53,502**	**$ 1,548,620**	**$ 17,249,204**	**$ 15,700,583**
																	$ -	

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2013	Revised CGAAP
Already rebased with depreciation policy changes in a prior rate application	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 402,593		$ 402,593	$ 54,671		$ 54,671	$ 54,671	1.11	89.87%	3.00	33.33%	$ 361,821	$ 18,224	$ 9,112	$ 389,156	$ 737,541	$ 348,385
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ 947		$ 947	$ 947		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ 695		$ 695	$ 695		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 145,794		$ 145,794	$ 24,917		$ 24,917	$ 24,917	44.64	2.24%	60.00	1.67%	$ 3,266	$ 415	$ 208	$ 3,889	$ 75,074	$ 71,185
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 419,329		$ 419,329	$ 12,875		$ 12,875	$ 12,875	41.61	2.40%	60.00	1.67%	$ 10,078	$ 215	$ 107	$ 10,400	$ 198,234	$ 187,834
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 3,978,438		$ 3,978,438	$ 471,688		$ 471,688	$ 471,688	32.87	3.04%	50.00	2.00%	$ 121,035	$ 9,434	$ 4,717	$ 135,185	$ 2,544,985	$ 2,409,800
1835	Overhead Conductors & Devices	$ 4,979,931		$ 4,979,931	$ 700,608		$ 700,608	$ 700,608	26.41	3.79%	60.00	1.67%	$ 188,573	$ 11,677	$ 5,838	$ 206,089	$ 7,035,076	$ 6,828,987
1840	Underground Conduit	$ 2,362,088		$ 2,362,088	$ 30,270		$ 30,270	$ 30,270	39.56	2.53%	45.00	2.22%	$ 59,715	$ 673	$ 336	$ 60,724	$ 355,354	$ 294,630
1845	Underground Conductors & Devices	$ 5,068,258		$ 5,068,258	$ 344,473		$ 344,473	$ 344,473	40.17	2.49%	45.00	2.22%	$ 126,171	$ 7,655	$ 3,827	$ 137,653	$ 953,898	$ 816,245
1850	Line Transformers	$ 6,507,209		$ 6,507,209	$ 604,928		$ 604,928	$ 604,928	35.75	2.80%	40.00	2.50%	$ 182,002	$ 15,123	$ 7,562	$ 204,687	$ 1,267,670	$ 1,062,984
1855	Services (Overhead & Underground)	$ 2,725,243		$ 2,725,243	$ 308,080		$ 308,080	$ 308,080	41.89	2.39%	60.00	1.67%	$ 65,057	$ 5,135	$ 2,567	$ 72,759	$ 1,486,280	$ 1,413,521
1860	Meters	$ 459,052		$ 459,052	$ 25,249		$ 25,249	$ 25,249	7.03	14.22%	25.00	4.00%	$ 65,289	$ 1,010	$ 505	$ 66,804	$ 1,198,433	$ 1,131,629
1860	Meters (Smart Meters)	$ 3,099,642		$ 3,099,642	$ 211,907		$ 211,907	$ 211,907	12.88	7.76%	12.00	8.33%	$ 240,645	$ 17,659	$ 8,829	$ 267,133		-$ 267,133
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 223,639		$ 223,639	$ 53,273		$ 53,273	$ 53,273	65.62	1.52%	55.00	1.82%	$ 3,408	$ 969	$ 484	$ 4,861	$ 17,091	$ 12,230
1915	Office Furniture & Equipment (10 years)	$ 21,131		$ 21,131	$ 3,059		$ 3,059	$ 3,059	2.45	40.87%	10.00	10.00%	$ 8,636	$ 306	$ 153	$ 9,095	$ 68,291	$ 59,196
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 83,696		$ 83,696	$ 57,214		$ 57,214	$ 57,214	9.11	10.97%	5.00	20.00%	$ 9,185	$ 11,443	$ 5,721	$ 26,349	$ 19,443	-$ 6,906
1930	Transportation Equipment	$ 1,051,728		$ 1,051,728	$ 386,632		$ 386,632	$ 386,632	3.15	31.76%	8.00	12.50%	$ 333,978	$ 48,329	$ 24,164	$ 406,472	$ 1,960,132	$ 1,553,660
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 74,551		$ 74,551	$ 16,442		$ 16,442	$ 16,442	4.24	23.58%	10.00	10.00%	$ 17,580	$ 1,644	$ 822	$ 20,046	$ 117,688	$ 97,642
1945	Measurement & Testing Equipment	$ 9,193		$ 9,193	$ -		$ -	$ -	5.09	19.66%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 5,269	$ 3,461
1950	Power Operated Equipment	$ 43,882		$ 43,882	$ -		$ -	$ -	5.48	18.26%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 20,209	$ 12,197
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 198,468		$ 198,468	$ 42,216		$ 42,216	$ 42,216	4.64	21.56%	5.00	20.00%	$ 42,793	$ 8,443	$ 4,222	$ 55,458	$ 57,713	$ 2,255
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,819,424		-$ 5,819,424	-$ 1,446,296		-$ 1,446,296	-$ 1,446,296	27.22	3.67%	25.00	4.00%	-$ 213,766	-$ 57,852	-$ 28,926	-$ 300,543	-$ 971,011	-$ 670,467
	Total	**$ 26,182,359**	**$ -**	**$ 26,182,359**	**$ 1,903,847**	**$ -**	**$ 1,903,847**	**$ 1,903,847**					**$ 1,635,286**	**$ 100,500**	**$ 50,250**	**$ 1,786,036**	**$ 17,249,204**	**$ 15,463,167**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to
2. This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year
3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years
4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
~~Rebasing for the first time with depreciation policy changes made in 2012~~	~~This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).~~		
~~Rebasing for the first time with depreciation policy changes made in 2013~~	~~This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).~~		
Already rebased with depreciation policy changes in a prior rate application	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2014	Revised CGAAP

Account	Description	Book Values							Service Lives				Depreciation Expense					
		Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1)[1]	Less Fully Depreciated[7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change[2]	Less Fully Depreciated[8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change[3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change[4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions[5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance[6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 402,593		$ 402,593	$ 87,557		$ 87,557	$ 87,557	1.06	94.40%	3.00	33.33%	$ 380,044	$ 29,186	$ 14,593	$ 423,823	$ 817,283	$ 393,460
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 145,794		$ 145,794	$ 4,014		$ 4,014	$ 4,014	39.61	2.52%	60.00	1.67%	$ 3,681	$ 67	$ 33	$ 3,781	$ 83,989	$ 80,208
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 423,045		$ 423,045	$ 3,665		$ 3,665	$ 3,665	41.10	2.43%	60.00	1.67%	$ 10,293	$ 61	$ 31	$ 10,384	$ 222,937	$ 212,553
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 4,015,623		$ 4,015,623	$ 1,270,813		$ 1,270,813	$ 1,270,813	30.78	3.25%	50.00	2.00%	$ 130,468	$ 25,416	$ 12,708	$ 168,593	$ 2,788,948	$ 2,620,355
1835	Overhead Conductors & Devices	$ 5,049,454		$ 5,049,454	$ 1,410,235		$ 1,410,235	$ 1,410,235	25.22	3.97%	60.00	1.67%	$ 200,250	$ 23,504	$ 11,752	$ 235,506	$ 7,540,555	$ 7,305,049
1840	Underground Conduit	$ 2,378,600		$ 2,378,600	$ 61,799		$ 61,799	$ 61,799	39.39	2.54%	45.00	2.22%	$ 60,388	$ 1,373	$ 687	$ 62,448	$ 464,965	$ 402,517
1845	Underground Conductors & Devices	$ 5,103,145		$ 5,103,145	$ 734,039		$ 734,039	$ 734,039	38.13	2.62%	45.00	2.22%	$ 133,826	$ 16,312	$ 8,156	$ 158,294	$ 1,207,629	$ 1,049,335
1850	Line Transformers	$ 6,551,943		$ 6,551,943	$ 598,730		$ 598,730	$ 598,730	33.71	2.97%	40.00	2.50%	$ 194,372	$ 14,968	$ 7,484	$ 216,824	$ 1,520,711	$ 1,303,887
1855	Services (Overhead & Underground)	$ 2,749,228		$ 2,749,228	$ 548,804		$ 548,804	$ 548,804	39.17	2.55%	60.00	1.67%	$ 70,192	$ 9,147	$ 4,573	$ 83,912	$ 1,665,218	$ 1,581,305
1860	Meters	$ 469,081		$ 469,081	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 3,117,386		$ 3,117,386	$ 162,463		$ 162,463	$ 162,463	7.86	12.72%	12.00	8.33%	$ 396,427	$ 13,539	$ 6,769	$ 416,735	$ 1,508,385	$ 1,091,650
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 223,639		$ 223,639	$ 47,056		$ 47,056	$ 47,056	51.10	1.96%	55.00	1.82%	$ 4,377	$ 856	$ 428	$ 5,660	$ 27,661	$ 22,001
1915	Office Furniture & Equipment (10 years)	$ 21,131		$ 21,131	$ 2,395		$ 2,395	$ 2,395	2.36	42.32%	10.00	10.00%	$ 8,942	$ 240	$ 120	$ 9,302	$ 72,339	$ 63,038
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 83,696		$ 83,696	$ 34,018		$ 34,018	$ 34,018	4.06	24.65%	5.00	20.00%	$ 20,628	$ 6,804	$ 3,402	$ 30,833	$ 43,473	$ 12,639
1930	Transportation Equipment	$ 1,051,728	$ 23,326	$ 1,028,402	$ 137,334		$ 137,334	$ 137,334	2.79	35.80%	8.00	12.50%	$ 368,133	$ 17,167	$ 8,583	$ 393,883	$ 2,168,467	$ 1,774,585
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 74,551		$ 74,551	$ 23,803		$ 23,803	$ 23,803	3.88	25.79%	10.00	10.00%	$ 19,224	$ 2,380	$ 1,190	$ 22,794	$ 137,164	$ 114,369
1945	Measurement & Testing Equipment	$ 9,193		$ 9,193	$ -		$ -	$ -	5.09	19.66%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 6,715	$ 4,907
1950	Power Operated Equipment	$ 43,882		$ 43,882	$ -		$ -	$ -	5.48	18.26%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 26,618	$ 18,607
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 198,468		$ 198,468	$ 3,856		$ 3,856	$ 3,856	3.87	25.82%	5.00	20.00%	$ 51,236	$ 771	$ 386	$ 52,393	$ 83,331	$ 30,938
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,819,424		-$ 5,819,424	-$ 810,946		-$ 810,946	-$ 810,946	21.43	4.67%	25.00	4.00%	-$ 271,617	-$ 32,438	-$ 16,219	-$ 320,274	-$ 1,258,847	-$ 938,573
	Total	$ 26,440,674	$ 23,326	$ 26,417,348	$ 4,319,638	$ -	$ 4,319,638	$ 4,319,638					$ 1,790,683	$ 129,352	$ 64,676	$ 1,984,711	$ 19,229,374	$ 17,244,663

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:
1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to
2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year
3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years
4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6 The applicant must provide an explanation of material variances in evidence.
7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012 ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013 ☐	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application ☑	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2014	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 402,593	$ 8,268	$ 394,324	$ 87,557		$ 87,557	$ 87,557	1.06	94.40%	3.00	33.33%	$ 372,239	$ 29,186	$ 14,593	$ 416,018	$ 896,781	$ 480,764
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 145,794		$ 145,794	$ 4,014		$ 4,014	$ 4,014	39.61	2.52%	60.00	1.67%	$ 3,681	$ 67	$ 33	$ 3,781	$ 79,063	$ 75,281
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 423,045		$ 423,045	$ -		$ -	$ -	41.10	2.43%	60.00	1.67%	$ 10,293	$ -	$ -	$ 10,293	$ 208,826	$ 198,533
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 4,015,623		$ 4,015,623	$ 1,232,100		$ 1,232,100	$ 1,232,100	30.78	3.25%	50.00	2.00%	$ 130,468	$ 24,642	$ 12,321	$ 167,431	$ 2,646,159	$ 2,478,727
1835	Overhead Conductors & Devices	$ 5,049,454		$ 5,049,454	$ 1,338,932		$ 1,338,932	$ 1,338,932	25.22	3.97%	60.00	1.67%	$ 200,250	$ 22,316	$ 11,158	$ 233,723	$ 7,244,584	$ 7,010,861
1840	Underground Conduit	$ 2,378,600		$ 2,378,600	$ 45,672		$ 45,672	$ 45,672	39.39	2.54%	45.00	2.22%	$ 60,388	$ 1,015	$ 507	$ 61,910	$ 421,944	$ 360,034
1845	Underground Conductors & Devices	$ 5,103,145		$ 5,103,145	$ 698,300		$ 698,300	$ 698,300	38.13	2.62%	45.00	2.22%	$ 133,826	$ 15,518	$ 7,759	$ 157,102	$ 1,112,622	$ 955,520
1850	Line Transformers	$ 6,551,943		$ 6,551,943	$ 552,591		$ 552,591	$ 552,591	33.71	2.97%	40.00	2.50%	$ 194,372	$ 13,815	$ 6,907	$ 215,094	$ 1,359,688	$ 1,144,594
1855	Services (Overhead & Underground)	$ 2,749,228		$ 2,749,228	$ 523,811		$ 523,811	$ 523,811	39.17	2.55%	60.00	1.67%	$ 70,192	$ 8,730	$ 4,365	$ 83,287	$ 1,560,838	$ 1,477,550
1860	Meters	$ 469,081		$ 469,081	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ 1,198,433	$ 1,198,433
1860	Meters (Smart Meters)	$ 3,117,386		$ 3,117,386	$ 134,232		$ 134,232	$ 134,232	12.07	8.29%	12.00	8.33%	$ 258,304	$ 11,186	$ 5,593	$ 275,083	$ 309,952	$ 34,870
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 223,639		$ 223,639	$ 47,056		$ 47,056	$ 47,056	51.10	1.96%	55.00	1.82%	$ 4,377	$ 856	$ 428	$ 5,660	$ 21,895	$ 16,235
1915	Office Furniture & Equipment (10 years)	$ 21,131		$ 21,131	$ 2,395		$ 2,395	$ 2,395	2.36	42.32%	10.00	10.00%	$ 8,942	$ 240	$ 120	$ 9,302	$ 70,716	$ 61,414
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 83,696		$ 83,696	$ 34,018		$ 34,018	$ 34,018	4.06	24.65%	5.00	20.00%	$ 20,628	$ 6,804	$ 3,402	$ 30,833	$ 43,473	$ 12,639
1930	Transportation Equipment	$ 1,051,728	$ 13,809	$ 1,037,919	$ 137,334		$ 137,334	$ 137,334	2.79	35.80%	8.00	12.50%	$ 371,539	$ 17,167	$ 8,583	$ 397,289	$ 2,148,461	$ 1,751,171
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 74,551	$ 7,203	$ 67,348	$ 23,803		$ 23,803	$ 23,803	3.88	25.79%	10.00	10.00%	$ 17,366	$ 2,380	$ 1,190	$ 20,937	$ 139,024	$ 118,087
1945	Measurement & Testing Equipment	$ 9,193		$ 9,193	$ -		$ -	$ -	5.09	19.66%	8.00	12.50%	$ 1,808	$ -	$ -	$ 1,808	$ 7,077	$ 5,269
1950	Power Operated Equipment	$ 43,882		$ 43,882	$ -		$ -	$ -	5.48	18.26%	8.00	12.50%	$ 8,011	$ -	$ -	$ 8,011	$ 28,220	$ 20,209
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 198,468		$ 198,468	$ 3,856		$ 3,856	$ 3,856	3.87	25.82%	5.00	20.00%	$ 51,236	$ 771	$ 386	$ 52,393	$ 57,713	$ 5,320
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,819,424		-$ 5,819,424	$ -		$ -	$ -	21.43	4.67%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 971,011	-$ 699,393
2440	Deferred Revenue				-$ 810,946		-$ 810,946	-$ 810,946	60.00	1.67%	60.00	1.67%	$ -	-$ 13,516	-$ 6,758	-$ 20,274	-$ 119,932	-$ 99,658
	Total	$ 26,440,674	$ 29,281	$ 26,411,393	$ 4,054,728	$ -	$ 4,054,728	$ 4,054,728					$ 1,646,303	$ 141,175	$ 70,588	$ 1,858,066	$ 18,566,358	$ 16,708,292

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2015	MIFRS
Already rebased with depreciation policy changes in a prior rate application	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/i	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 330,909	$ 13,365	$ 317,544	$ 218,361		$ 218,361	$ 218,361	0.81	123.67%	3.00	33.33%	$ 392,702	$ 72,787	$ 36,393	$ 501,882	$ 1,020,368	$ 518,486
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 145,820		$ 145,820	$ 28,387		$ 28,387	$ 28,387	38.91	2.57%	60.00	1.67%	$ 3,748	$ 473	$ 237	$ 4,458	$ 83,321	$ 78,863
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 408,738		$ 408,738	$ 0		$ 0	$ 0	39.71	2.52%	60.00	1.67%	$ 10,293	$ 0	$ 0	$ 10,293	$ 201,826	$ 191,533
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 5,064,968		$ 5,064,968	$ 706,809		$ 706,809	$ 706,809	32.84	3.04%	50.00	2.00%	$ 154,223	$ 14,136	$ 7,068	$ 175,427	$ 2,744,057	$ 2,568,630
1835	Overhead Conductors & Devices	$ 6,107,456		$ 6,107,456	$ 983,489		$ 983,489	$ 983,489	27.45	3.64%	60.00	1.67%	$ 222,534	$ 16,391	$ 8,196	$ 247,121	$ 7,465,468	$ 7,218,346
1840	Underground Conduit	$ 2,341,171		$ 2,341,171	$ 113,924		$ 113,924	$ 113,924	38.13	2.62%	45.00	2.22%	$ 61,403	$ 2,532	$ 1,266	$ 65,200	$ 490,307	$ 425,107
1845	Underground Conductors & Devices	$ 5,606,712		$ 5,606,712	$ 298,197		$ 298,197	$ 298,197	37.55	2.66%	45.00	2.22%	$ 149,319	$ 6,627	$ 3,313	$ 159,258	$ 1,283,508	$ 1,124,250
1850	Line Transformers	$ 6,898,776		$ 6,898,776	$ 725,235		$ 725,235	$ 725,235	33.41	2.99%	40.00	2.50%	$ 206,462	$ 18,131	$ 9,065	$ 233,658	$ 1,487,577	$ 1,253,919
1855	Services (Overhead & Underground)	$ 3,174,497		$ 3,174,497	$ 605,660		$ 605,660	$ 605,660	40.22	2.49%	60.00	1.67%	$ 78,922	$ 10,094	$ 5,047	$ 94,064	$ 1,644,807	$ 1,550,744
1860	Meters	$ 459,052		$ 459,052	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 2,900,903		$ 2,900,903	$ 353,471		$ 353,471	$ 353,471	7.15	13.99%	12.00	8.33%	$ 405,695	$ 29,456	$ 14,728	$ 449,879	$ 1,783,927	$ 1,334,048
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 265,890		$ 265,890	$ 127,047		$ 127,047	$ 127,047	3.00	33.29%	55.00	1.82%	$ 88,515	$ 2,310	$ 1,155	$ 91,980	$ 28,283	-$ 63,697
1915	Office Furniture & Equipment (10 years)	$ 21,102	$ 323	$ 20,779	$ 5,892		$ 5,892	$ 5,892	2.30	43.51%	10.00	10.00%	$ 9,041	$ 589	$ 295	$ 9,925	$ 74,855	$ 64,930
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 93,685		$ 93,685	$ 11,372		$ 11,372	$ 11,372	3.42	29.28%	5.00	20.00%	$ 27,431	$ 2,274	$ 1,137	$ 30,843	$ 72,041	$ 41,198
1930	Transportation Equipment	$ 958,290	$ 833	$ 957,457	$ 212,573		$ 212,573	$ 212,573	2.47	40.52%	8.00	12.50%	$ 388,006	$ 26,572	$ 13,286	$ 427,864	$ 2,179,045	$ 1,751,181
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 77,019	$ 1,101	$ 75,918	$ 12,251		$ 12,251	$ 12,251	3.56	28.05%	10.00	10.00%	$ 21,296	$ 1,225	$ 613	$ 23,133	$ 155,133	$ 132,000
1945	Measurement & Testing Equipment	$ 7,385		$ 7,385	$ 16,620		$ 16,620	$ 16,620	4.09	24.48%	8.00	12.50%	$ 1,808	$ 2,078	$ 1,039	$ 4,924	$ 9,923	$ 4,999
1950	Power Operated Equipment	$ 35,870		$ 35,870	$ 158,995		$ 158,995	$ 158,995	4.48	22.33%	8.00	12.50%	$ 8,011	$ 19,874	$ 9,937	$ 37,823	$ 26,261	-$ 11,562
1955	Communications Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 202,324		$ 202,324	$ 64,232		$ 64,232	$ 64,232	3.89	25.70%	5.00	20.00%	$ 52,007	$ 12,846	$ 6,423	$ 71,277	$ 116,143	$ 44,866
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,819,424		-$ 5,819,424	$ -		$ -	$ -	21.43	4.67%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 1,097,700	-$ 826,082
2440	Deferred Revenue	-$ 691,014			-$ 667,719		-$ 667,719	-$ 667,719	60.00	1.67%	60.00	1.67%	$ -	-$ 11,129	-$ 5,564	-$ 16,693	-$ 125,496	-$ 108,803
	Total	$ 28,738,047	$ 15,622	$ 29,413,440	$ 3,974,797	$ -	$ 3,974,797	$ 3,974,797					$ 2,009,798	$ 227,267	$ 113,633	$ 2,350,698	$ 19,745,488	$ 17,394,790

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to
2. This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year
3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years
4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012 ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013 ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2016	MIFRS
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 425,684	$ 9,205	$ 416,478	$ 27,000		$ 27,000	$ 27,000	0.88	113.23%	3.00	33.33%	$ 471,594	$ 9,000	$ 4,500	$ 485,094	$ 1,107,800	$ 622,706
1612	Land Rights (Formally known as Account 1906)	$ 43,879		$ 43,879	$ 1,800		$ 1,800	$ 1,800	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 104,039		$ 104,039	$ 74,505		$ 74,505	$ 74,505	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 169,948		$ 169,948	$ 3,194		$ 3,194	$ 3,194	40.26	2.48%	60.00	1.67%	$ 4,221	$ 53	$ 27	$ 4,301	$ 87,843	$ 83,542
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 364,372		$ 364,372	$ -		$ -	$ -	38.61	2.59%	60.00	1.67%	$ 9,437	$ -	$ -	$ 9,437	$ 211,553	$ 202,117
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 5,645,689		$ 5,645,689	$ 548,837		$ 548,837	$ 548,837	33.65	2.97%	50.00	2.00%	$ 167,795	$ 10,977	$ 5,488	$ 184,260	$ 2,839,763	$ 2,655,503
1835	Overhead Conductors & Devices	$ 6,860,376		$ 6,860,376	$ 887,131		$ 887,131	$ 887,131	28.73	3.48%	60.00	1.67%	$ 238,764	$ 14,786	$ 7,393	$ 260,942	$ 7,371,260	$ 7,110,318
1840	Underground Conduit	$ 2,386,731		$ 2,386,731	$ 221,003		$ 221,003	$ 221,003	37.33	2.68%	45.00	2.22%	$ 63,934	$ 4,911	$ 2,456	$ 71,301	$ 562,392	$ 491,091
1845	Underground Conductors & Devices	$ 5,734,023		$ 5,734,023	$ 659,042		$ 659,042	$ 659,042	36.77	2.72%	45.00	2.22%	$ 155,945	$ 14,645	$ 7,323	$ 177,913	$ 1,208,589	$ 1,030,676
1850	Line Transformers	$ 7,410,622		$ 7,410,622	$ 535,551		$ 535,551	$ 535,551	33.31	3.00%	40.00	2.50%	$ 222,455	$ 13,389	$ 6,694	$ 242,538	$ 1,529,179	$ 1,286,641
1855	Services (Overhead & Underground)	$ 3,696,187		$ 3,696,187	$ 591,581		$ 591,581	$ 591,581	41.52	2.41%	60.00	1.67%	$ 89,017	$ 9,860	$ 4,930	$ 103,806	$ 1,738,753	$ 1,634,947
1860	Meters	$ -		$ -	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 3,349,249		$ 3,349,249	$ 246,046		$ 246,046	$ 246,046	7.83	12.77%	12.00	8.33%	$ 427,765	$ 20,504	$ 10,252	$ 458,520	$ 2,124,961	$ 1,666,440
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 386,550		$ 386,550	$ 41,813		$ 41,813	$ 41,813	51.25	1.95%	55.00	1.82%	$ 7,542	$ 760	$ 380	$ 8,683	$ 36,205	$ 27,523
1915	Office Furniture & Equipment (10 years)	$ 22,855		$ 22,855	$ -		$ -	$ -	2.34	42.75%	10.00	10.00%	$ 9,771	$ -	$ -	$ 9,771	$ 78,965	$ 69,194
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 76,488		$ 76,488	$ 22,003		$ 22,003	$ 22,003	2.57	38.84%	5.00	20.00%	$ 29,706	$ 4,401	$ 2,200	$ 36,307	$ 103,947	$ 67,640
1930	Transportation Equipment	$ 1,014,952	$ 6,792	$ 1,008,160	$ 346,258		$ 346,258	$ 346,258	2.54	39.34%	8.00	12.50%	$ 396,578	$ 43,282	$ 21,641	$ 461,501	$ 1,841,558	$ 1,380,057
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 73,160		$ 73,160	$ 15,489		$ 15,489	$ 15,489	3.20	31.20%	10.00	10.00%	$ 22,829	$ 1,549	$ 774	$ 25,153	$ 171,876	$ 146,723
1945	Measurement & Testing Equipment	$ 21,159		$ 21,159	$ -		$ -	$ -	5.45	18.36%	8.00	12.50%	$ 3,885	$ -	$ -	$ 3,885	$ 13,809	$ 9,923
1950	Power Operated Equipment	$ 196,825		$ 196,825	$ 1,574		$ 1,574	$ 1,574	7.06	14.17%	8.00	12.50%	$ 27,886	$ 197	$ 98	$ 28,181	$ 53,926	$ 25,745
1955	Communications Equipment	$ -		$ -	$ 31,915		$ 31,915	$ 31,915		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,192	$ 3,192
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 208,126		$ 208,126	$ 188,030		$ 188,030	$ 188,030	3.21	31.16%	5.00	20.00%	$ 64,854	$ 37,606	$ 18,803	$ 121,263	$ 199,800	$ 78,537
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,692,735		-$ 5,692,735	$ -		$ -	$ -	20.96	4.77%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 1,310,532	-$ 1,038,915
2440	Deferred Revenue	-$ 1,353,169			-$ 1,192,751		-$ 1,192,751	-$ 1,192,751	54.91	1.82%	60.00	1.67%	$ -	-$ 19,879	-$ 9,940	-$ 29,819	-$ 136,339	-$ 106,521
	Total	**$ 31,145,011**	**$ 15,998**	**$ 32,482,182**	**$ 3,250,021**	**$ -**	**$ 3,250,021**	**$ 3,250,021**					**$ 2,142,360**	**$ 166,040**	**$ 83,020**	**$ 2,391,420**	**$ 19,940,333**	**$ 17,548,913**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:
1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to
2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year
3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years
4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6 The applicant must provide an explanation of material variances in evidence.
7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies		Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012	☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013	☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2017	MIFRS
Already rebased with depreciation policy changes in a prior rate application	☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 365,252		$ 365,252	$ 35,000		$ 35,000	$ 35,000	0.74	134.43%	3.00	33.33%	$ 491,017	$ 11,667	$ 5,833	$ 508,517	$ 1,252,688	$ 744,171
1612	Land Rights (Formally known as Account 1906)	$ 45,679		$ 45,679	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 178,544		$ 178,544	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 168,620		$ 168,620	$ 748,343		$ 748,343	$ 748,343	39.45	2.53%	60.00	1.67%	$ 4,274	$ 12,472	$ 6,236	$ 22,983	$ 99,168	$ 76,185
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 354,644		$ 354,644	$ -		$ -	$ -	37.58	2.66%	60.00	1.67%	$ 9,437	$ -	$ -	$ 9,437	$ 221,281	$ 211,845
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 6,021,242		$ 6,021,242	$ 360,363		$ 360,363	$ 360,363	33.98	2.94%	50.00	2.00%	$ 177,220	$ 7,207	$ 3,604	$ 188,031	$ 3,016,650	$ 2,828,619
1835	Overhead Conductors & Devices	$ 7,501,350		$ 7,501,350	$ 604,845		$ 604,845	$ 604,845	30.26	3.30%	60.00	1.67%	$ 247,877	$ 10,081	$ 5,040	$ 262,998	$ 7,622,457	$ 7,359,459
1840	Underground Conduit	$ 2,535,649		$ 2,535,649	$ 125,992		$ 125,992	$ 125,992	36.83	2.72%	45.00	2.22%	$ 68,845	$ 2,800	$ 1,400	$ 73,045	$ 635,876	$ 562,831
1845	Underground Conductors & Devices	$ 6,211,543		$ 6,211,543	$ 301,765		$ 301,765	$ 301,765	37.67	2.65%	45.00	2.22%	$ 164,892	$ 6,706	$ 3,353	$ 174,951	$ 1,393,465	$ 1,218,514
1850	Line Transformers	$ 7,717,024		$ 7,717,024	$ 376,028		$ 376,028	$ 376,028	33.38	3.00%	40.00	2.50%	$ 231,155	$ 9,401	$ 4,700	$ 245,256	$ 1,763,028	$ 1,517,772
1855	Services (Overhead & Underground)	$ 4,193,822		$ 4,193,822	$ 1,087,500		$ 1,087,500	$ 1,087,500	42.41	2.36%	60.00	1.67%	$ 98,876	$ 18,125	$ 9,063	$ 126,064	$ 1,841,762	$ 1,715,699
1860	Meters	$ -		$ -	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 3,254,261		$ 3,254,261	$ 248,628		$ 248,628	$ 248,628	7.26	13.77%	12.00	8.33%	$ 448,268	$ 20,719	$ 10,360	$ 479,347	$ 2,476,354	$ 1,997,007
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 420,441		$ 420,441	$ 49,000		$ 49,000	$ 49,000	50.64	1.97%	55.00	1.82%	$ 8,303	$ 891	$ 445	$ 9,639	$ 44,573	$ 34,934
1915	Office Furniture & Equipment (10 years)	$ 18,744		$ 18,744	$ -		$ -	$ -	1.92	52.13%	10.00	10.00%	$ 9,771	$ -	$ -	$ 9,771	$ 83,076	$ 73,305
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 66,585		$ 66,585	$ 44,950		$ 44,950	$ 44,950	1.95	51.22%	5.00	20.00%	$ 34,106	$ 8,990	$ 4,495	$ 47,591	$ 140,348	$ 92,757
1930	Transportation Equipment	$ 1,211,605		$ 1,211,605	$ 135,000		$ 135,000	$ 135,000	3.17	31.50%	8.00	12.50%	$ 381,645	$ 16,875	$ 8,438	$ 406,958	$ 2,042,979	$ 1,636,021
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 71,907		$ 71,907	$ 35,000		$ 35,000	$ 35,000	2.95	33.90%	10.00	10.00%	$ 24,378	$ 3,500	$ 1,750	$ 29,628	$ 190,806	$ 161,178
1945	Measurement & Testing Equipment	$ 17,274		$ 17,274	$ -		$ -	$ -	4.45	22.49%	8.00	12.50%	$ 3,885	$ -	$ -	$ 3,885	$ 17,694	$ 13,809
1950	Power Operated Equipment	$ 170,734		$ 170,734	$ -		$ -	$ -	6.08	16.45%	8.00	12.50%	$ 28,082	$ -	$ -	$ 28,082	$ 81,591	$ 53,508
1955	Communications Equipment	$ 28,724		$ 28,724	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 6,383	$ 6,383
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 312,499		$ 312,499	$ 50,000		$ 50,000	$ 50,000	3.05	32.79%	5.00	20.00%	$ 102,460	$ 10,000	$ 5,000	$ 117,460	$ 288,457	$ 170,997
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,479,902		-$ 5,479,902	$ -		$ -	$ -	20.18	4.96%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 1,423,706	-$ 1,152,089
2440	Deferred Revenue	-$ 2,535,076			-$ 652,500		-$ 652,500	-$ 652,500	56.94	1.76%	60.00	1.67%	$ -	-$ 10,875	-$ 5,438	-$ 16,313	-$ 162,012	-$ 145,700
	Total	**$ 32,851,164**	**$ -**	**$ 35,386,240**	**$ 3,549,913**	**$ -**	**$ 3,549,913**	**$ 3,549,913**					**$ 2,262,876**	**$ 128,558**	**$ 64,279**	**$ 2,455,714**	**$ 21,734,751**	**$ 19,279,038**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:
1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to
2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year
3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years
4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6 The applicant must provide an explanation of material variances in evidence.
7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012 ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013 ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2018	MIFRS
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 255,364		$ 255,364	$ 35,000		$ 35,000	$ 35,000	0.51	196.85%	3.00	33.33%	$ 502,684	$ 11,667	$ 5,833	$ 520,184	$ 1,403,409	$ 883,225
1612	Land Rights (Formally known as Account 1906)	$ 45,679		$ 45,679	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1805	Land	$ 178,544		$ 178,544	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ 905,638		$ 905,638	$ 8,000		$ 8,000	$ 8,000	54.08	1.85%	60.00	1.67%	$ 16,747	$ 133	$ 67	$ 16,947	$ 110,559	$ 93,612
1810	Leasehold Improvements	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1820	Distribution Station Equipment <50 kV	$ 344,916		$ 344,916	$ -		$ -	$ -	36.55	2.74%	60.00	1.67%	$ 9,437	$ -	$ -	$ 9,437	$ 231,009	$ 221,572
1825	Storage Battery Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 6,204,718		$ 6,204,718	$ 477,590		$ 477,590	$ 477,590	33.64	2.97%	50.00	2.00%	$ 184,427	$ 9,552	$ 4,776	$ 198,755	$ 3,198,313	$ 2,999,558
1835	Overhead Conductors & Devices	$ 7,854,998		$ 7,854,998	$ 801,602		$ 801,602	$ 801,602	30.45	3.28%	60.00	1.67%	$ 257,958	$ 13,360	$ 6,680	$ 277,998	$ 7,880,335	$ 7,602,337
1840	Underground Conduit	$ 2,588,157		$ 2,588,157	$ 166,978		$ 166,978	$ 166,978	36.12	2.77%	45.00	2.22%	$ 71,645	$ 3,711	$ 1,855	$ 77,211	$ 711,216	$ 634,005
1845	Underground Conductors & Devices	$ 6,328,432		$ 6,328,432	$ 399,929		$ 399,929	$ 399,929	36.88	2.71%	45.00	2.22%	$ 171,598	$ 8,887	$ 4,444	$ 184,929	$ 1,583,339	$ 1,398,410
1850	Line Transformers	$ 7,859,202		$ 7,859,202	$ 498,351		$ 498,351	$ 498,351	32.67	3.06%	40.00	2.50%	$ 240,556	$ 12,459	$ 6,229	$ 259,244	$ 2,003,108	$ 1,743,864
1855	Services (Overhead & Underground)	$ 5,178,313		$ 5,178,313	$ 1,087,500		$ 1,087,500	$ 1,087,500	44.26	2.26%	60.00	1.67%	$ 117,001	$ 18,125	$ 9,063	$ 144,189	$ 1,953,834	$ 1,809,645
1860	Meters	$ -		$ -	$ -		$ -	$ -		0.00%	25.00	4.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)	$ 3,151,496		$ 3,151,496	$ 234,500		$ 234,500	$ 234,500	6.72	14.88%	12.00	8.33%	$ 468,987	$ 19,542	$ 9,771	$ 498,300	$ 2,837,518	$ 2,339,218
1905	Land	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1908	Buildings & Fixtures	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1910	Leasehold Improvements	$ 461,073		$ 461,073	$ 35,000		$ 35,000	$ 35,000	50.15	1.99%	55.00	1.82%	$ 9,194	$ 636	$ 318	$ 10,148	$ 53,260	$ 43,111
1915	Office Furniture & Equipment (10 years)	$ 14,634		$ 14,634	$ -		$ -	$ -	1.50	66.77%	10.00	10.00%	$ 9,771	$ -	$ -	$ 9,771	$ 87,186	$ 77,415
1915	Office Furniture & Equipment (5 years)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equipment - Hardware	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 97,941	$ 97,941
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 3,892	$ 3,892
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ 75,134		$ 75,134	$ 21,000		$ 21,000	$ 21,000	1.74	57.36%	5.00	20.00%	$ 43,096	$ 4,200	$ 2,100	$ 49,396	$ 178,849	$ 129,453
1930	Transportation Equipment	$ 1,145,184		$ 1,145,184	$ 20,000		$ 20,000	$ 20,000	2.87	34.80%	8.00	12.50%	$ 398,520	$ 2,500	$ 1,250	$ 402,270	$ 2,245,650	$ 1,843,380
1935	Stores Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1940	Tools, Shop & Garage Equipment	$ 87,977		$ 87,977	$ 20,000		$ 20,000	$ 20,000	3.16	31.69%	10.00	10.00%	$ 27,878	$ 2,000	$ 1,000	$ 30,878	$ 210,986	$ 180,108
1945	Measurement & Testing Equipment	$ 13,388		$ 13,388	$ -		$ -	$ -	3.45	29.02%	8.00	12.50%	$ 3,885	$ -	$ -	$ 3,885	$ 21,579	$ 17,694
1950	Power Operated Equipment	$ 143,069		$ 143,069	$ -		$ -	$ -	5.09	19.63%	8.00	12.50%	$ 28,082	$ -	$ -	$ 28,082	$ 109,256	$ 81,173
1955	Communications Equipment	$ 25,532		$ 25,532	$ -		$ -	$ -	-	0.00%		0.00%	$ -	$ -	$ -	$ -	$ 9,575	$ 9,575
1955	Communication Equipment (Smart Meters)	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1970	Load Management Controls Customer Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment	$ 273,842		$ 273,842	$ 90,000		$ 90,000	$ 90,000	2.44	41.07%	5.00	20.00%	$ 112,460	$ 18,000	$ 9,000	$ 139,460	$ 386,114	$ 246,654
1985	Miscellaneous Fixed Assets	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property	$ -		$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1995	Contributions & Grants	-$ 5,366,728		-$ 5,366,728	$ -		$ -	$ -	19.76	5.06%	25.00	4.00%	-$ 271,617	$ -	$ -	-$ 271,617	-$ 1,536,880	-$ 1,265,263
2440	Deferred Revenue	-$ 3,161,903			-$ 652,500		-$ 652,500	-$ 652,500	57.08	1.75%	60.00	1.67%	$ -	-$ 10,875	-$ 5,438	-$ 16,313	-$ 202,514	-$ 186,202
	Total	**$ 34,606,659**	**$ -**	**$ 37,768,562**	**$ 3,242,950**	**$ -**	**$ 3,242,950**	**$ 3,242,950**					**$ 2,402,310**	**$ 113,897**	**$ 56,948**	**$ 2,573,154**	**$ 23,577,531**	**$ 21,004,377**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Attachment 12 (of 21):

4-L 2011-2016 LRAMVA report

IndEco

Strategic Solutions for a Changing World™

Erie Thames Powerlines Corporation
2011-2016 LRAMVA

Erie Thames Powerlines Corporation lost revenue related to Conservation and Demand Management

2011-2016

This document was prepared for Erie Thames Powerlines Corporation by IndEco Strategic Consulting Inc.

For additional information about this document, please contact:

IndEco Strategic Consulting Inc.
545 King Street West
Toronto, ON, Canada
M5V 1M1

Tel: 416 532-4333
E-mail: **info@indeco.com**

IndEco report B6108

13 July 2017

Contents

Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive electricity local distribution companies (LDCs) may have to promote conservation and demand management (CDM) programs. CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs, which directly impact the LDC's revenue. The LRAM allows LDCs to be compensated for lost revenue that resulted from CDM programs the LDC offered to its customers.

Starting in 2011, the Ontario Energy Board (OEB) authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC's load forecast.[1]

Erie Thames Powerlines Corporation (Erie Thames Powerlines) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. Erie Thames Powerlines is required to use "the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation."[2] The final 2016 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, Erie Thames Powerlines may claim lost revenue from CDM programs up to and including 2016 in Erie Thames Powerlines' 2018 rate case (EB-2017-0038).

Erie Thames Powerlines has not submitted a claim for lost revenues for 2011–2016 CDM programs. This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2011 related to programs offered in 2011,
- Lost revenues in 2012 related to programs offered in 2011,
- Lost revenues in 2012 related to programs offered in 2012,
- Lost revenues in 2013 related to programs offered in 2011,
- Lost revenues in 2013 related to programs offered in 2012,
- Lost revenues in 2013 related to programs offered in 2013,
- Lost revenues in 2014 related to programs offered in 2011,
- Lost revenues in 2014 related to programs offered in 2012,
- Lost revenues in 2014 related to programs offered in 2013,

[1] *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

[2] *Filing Requirements For Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2016.

- Lost revenues in 2014 related to programs offered in 2014.
- Lost revenues in 2015 related to programs offered in 2011,
- Lost revenues in 2015 related to programs offered in 2012,
- Lost revenues in 2015 related to programs offered in 2013,
- Lost revenues in 2015 related to programs offered in 2014,
- Lost revenues in 2015 related to programs offered in 2015,
- Lost revenues in 2016 related to programs offered in 2011,
- Lost revenues in 2016 related to programs offered in 2012,
- Lost revenues in 2016 related to programs offered in 2013,
- Lost revenues in 2016 related to programs offered in 2014,
- Lost revenues in 2016 related to programs offered in 2015, and
- Lost revenues in 2016 related to programs offered in 2016.

The carrying charges on the above variances through April 2018 are also reported.

Methodology

In principle, the determination of lost revenues is a simple calculation:

LR = (CDM results – CDM results in the load forecast) * rate

In practice, it is somewhat more complicated than that because of the limitations of the information available to calculate CDM results, the different time periods of results data and the rate year, and the need to determine carrying charges on the lost revenues.

The most recent input assumptions available have been used to calculate the lost revenue values.

CDM results

From 2011 through 2016, Erie Thames Powerlines offered provincial programs in partnership with the Independent Electricity System Operator (IESO). Erie Thames Powerlines did not offer custom programs beyond the IESO programs.

IESO evaluation results

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTGR), and then from those calculates net energy savings by initiative within each program group (residential, business, industrial and low-income). Peak load reductions are also calculated, and reported in the same way.

Provincial results are allocated to individual LDCs based on each LDC's individual performance where possible, or through an allocation process.

The IESO reports energy savings and peak demand reductions, by initiative in the current year, adjustments to the previous year, based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period. The savings and demand reductions for a particular year for a number of programs persist in the following years. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year.

These are the best, most definitive and defensible estimates of results associated with these programs, and incorporate the most appropriate estimates of results from the measures installed.

However, these data have some limitations, and require some adjustments for use in lost revenue calculations.

Allocating results to rate classes

The IESO reports results by 'program', within four main programs: residential, business (commercial and institutional), industrial and low-income. These only partially map onto rate classes. For initiatives that apply to more than one rate class, Erie Thames Powerlines staff estimated the split by rate class, drawing on participant-specific information where available.

Application of reported results

The IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the IESO reported demand reductions are used to calculate lost revenues related to CDM results.[3] The demand reductions in the IESO reports should be multiplied by a multiplier based on the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year…In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."[4]

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month… Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be credited with lost revenues from demand response programs, except for

[3] The exception is street lighting retrofit projects. Street-lighting is billed by kW, but street lighting retrofit projects have no peak demand reductions associated with conservation measures. A special calculation is done for these, as described below.

[4] Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

those situations where the distributor can explicitly demonstrate revenue impacts."[5]

Load reductions accounted for in the load forecast

In recent years, LDCs have tried to account for load losses due to CDM programs in their load forecasts, submitted as part of their Cost of Service applications. These forecasted reductions need to be deducted from load losses attributable to CDM programs, to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

Overall impact of CDM on load, by rate class

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were captured in the most recent load forecast.

Distribution rates

Revenue impacts to the LDC associated with CDM are calculated using the distribution volumetric rate. Most other rate components (e.g. service charges, global adjustment, transmission charges) are either fixed charges or pass-throughs for the utility that do not affect the LDC's revenues. An exception is for certain rate riders related to taxes, and these are added to the distribution volumetric rates for lost revenue calculations, where applicable.

For most electricity distribution utilities in Ontario, including Erie Thames Powerlines, distribution rates are set for the period from 1 May to 30 April of the next year. CDM results are reported for the calendar year, so average rates for the calendar year need to be calculated. For simplicity, the average rate is estimated based on the rate being four twelfths of the previous year's rate (for January through April), and eight twelfths of the current year's rate (for May through December).

Lost revenues variance

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.[6] The variance is the difference between these lost revenues

---

[5] Ibid. p. 7.

[6] Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

and the quantity of CDM in the load forecast, or what is called ‘the LRAMVA threshold’.

Because these revenues are lost throughout the year, and are only recovered through rate riders in subsequent years, the Ontario Energy Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB, and published on the Board’s website. The carrying charges are simple interest, not compounded and are calculated on the monthly lost revenue balance. Because the IESO final results estimates are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. So 1/12 of the annual results are allocated to each month of the year.

Carrying charges accrue from the time of the results, until disposition.

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

Results

Following the methodology described above, lost revenues were calculated for Erie Thames Powerlines. The results reference tables provided in the completed LRAMVA workform that uses the OEB's template.

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by Erie Thames Powerlines. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for Erie Thames Powerlines Corporation* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for Erie Thames Powerlines Corporation* file released by the IESO on September 1, 2015. These data are reproduced in Table 4-a, b, c and d of the OEB workform for 2011, 2012, 2013 and 2014 respectively.

The net verified final 2015 and 2016 results, including adjustments in 2016 to 2015 results, can be found in the "Net Incremental First Year Energy Savings" and "Net Incremental First Year Peak Demand Savings" sections of the "LDC Progress" tab in the *Final Verified 2016 Annual LDC CDM Program Results Report Erie Thames Powerlines Corporation* Excel file released by the IESO on June 30, 2016. These data are reproduced in Table 5-a and 5-b for 2015 and 2016, respectively.

The IESO provided Erie Thames Powerlines with persistence data for 2011-2014 results and 2011-2013 adjustments at the initiative level. The data provided are presented in Table 7 on Tab 7 of the OEB LRAMVA work form that is filed with this document. These data are also presented in Table 4a-d.

The IESO provided persistence data for 2015 and 2016 as part of the standard results report. These are reproduced in Tables 5a and 5b.

Street lighting projects

Starting in 2012 and continuing in 2016, municipalities in Erie Thames Powerlines' service territory undertook projects under the Retrofit Program to retrofit streetlights to a more energy efficient light emitting diode (LED) technology.

The IESO has included the calculated kilowatt hours (kWh) of energy savings from the street lighting projects in Erie Thames Powerlines'

2012, 2013, and 2015 results (no street light savings were reported for 2014). These project specific values are provided by the IESO as gross savings and the "net to gross" (NTG) ratio for Erie Thames Powerlines' Retrofit program was used to calculate the net savings. These values are included in the table below:

Year	Gross savings (kWh)	Net to gross ratio	Net savings (kWh)
2012	532,349	0.75	399,261
2013	953,366	0.71	676,890
2015	226,162	0.84	189,843
2016	7,506	0.79	5,560

The street lighting account is billed based on kilowatts (kW) of demand. Erie Thames Powerlines reduced the kilowatts of demand it billed municipalities for street lighting by 561.45 kW between July 2012 and February 2016. These reductions were calculated based on the LED streetlight upgrades undertaken as part of the CDM programs offered by Erie Thames Powerlines. The kW reductions are calculated based on the number of bulbs upgraded multiplied by the difference between the wattage of the old technology and the new LED lights, and the associated bills that were adjusted by these amounts. The calculated net demand reduction of the streetlight retrofit projects for July 2012 to December 2016 is shown on Tab 8 of the OEB workform.

The street lighting upgrade projects were undertaken as part of the Retrofit program, and energy savings were reported within results for that program. Because street lighting is not used during peak periods, no peak demand savings were reported by the IESO. As the street lighting rate class is billed by kW, the calculated net kWh savings from the Retrofit LED upgrade projects do not impact Erie Thames Powerlines' revenue. Thus, the calculated kWh of savings have been manually removed from the 2012, 2013, 2015 and 2016 Retrofit program results in 2012, 2013, 2015 and 2016 and persisting into future years for lost revenue calculations. The actual lost revenue from the street lighting retrofit project has been calculated directly by multiplying the demand reduction from the projects by the appropriate rate.

Allocating results to rate classes

Erie Thames Powerlines provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit Incentive Program and High Performance New Construction. No allocation was provided for programs for which Erie Thames Powerlines has no program results.

Erie Thames Powerlines bills customers in different rate classes using different volumetric units, either kilowatt-hours (kWh), or customer peak monthly kilowatts (kW). The rate classes (and billing units) for Erie Thames Powerlines are:

- Residential (kWh)
- GS <50 kW (kWh)
- GS 50 to 999 kW (kW)
- GS 1,000 to 2,999 kW (kW) prior to 2013
- GS 1,000 to 4,999 kW (kW) from 2013 on
- GS 3,000 to 4,999 kW (kW) prior to 2013
- Large Use (kW)
- Street Lighting (kW)
- Sentinel Lighting (kW)
- Unmetered Scattered Load (kWh)
- Embedded Distributor (kW)

Table 4a (beginning at column Y) of the OEB LRAMVA work form shows the percentage allocation by rate class for 2011 results and adjustments. Table 4b of the OEB LRAMVA work form shows the percentage allocation by rate class for 2012 results and adjustments. Table 4c of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 4d of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Tables 5-a and b of the OEB LRAMVA work form show the percentage allocation by rate class for 2015 and 2016 results, respectively. In each year the rate class allocation percentage totals for each program may not add up to 100% in cases because kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Load reductions accounted for in the load forecast

Erie Thames Powerlines' last cost of service application was filed for the 2012 rate year (EB-2012-0121). The load forecast associated with that application did account for load losses from 2011 – 2014 CDM programs. Table 2-b of the OEB LRAMVA work form shows the estimates of load reductions, by rate class that were included at the time of the load forecast. Previous load forecasts did not account for the impact of 2011 – 2014 CDM programs.

The 2012 cost of service rate case for Erie Thames Powerlines was not effective until January 1, 2013, so the forecasted CDM impacts were included starting in the 2013 calendar year. In addition to the other CDM impact included in the load forecast, the forecasted load for the street lighting rate class was reduced by half in the 2012 cost of service load forecast to account for the LED retrofit projects that were taking place or planned for all of the municipalities in Erie Thames Powerlines' service territory.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for Erie Thames Powerlines for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 4a of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 4b of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 4c of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 4d of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Tables 5-a and 5-b of the OEB LRAMVA work form show the overall impact of CDM on load by rate class for 2015 and 2016, respectively.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for Erie Thames Powerlines are shown in Table 3 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in the 2011 to 2016 time period. Table 3-a of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year.

Lost revenues

The lost revenues for each year by rate class for Erie Thames Powerlines calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year. The load impact in a given year will include the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

Table 1 of the OEB LRAMVA work form also shows the lost revenue in each year due to CDM that has already been incorporated into Erie Thames Powerlines' applicable load forecast. The impact on Erie

Thames Powerlines' revenue is the variance between what is calculated from final CDM program results and what has already been accounted for in the load forecast.

Carrying charges

The monthly carrying charges by rate class on Erie Thames Powerlines' lost revenue variance are shown in Table 6 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to April 30, 2018.

Conclusions

The LRAMVA balance at the end of December 2016 for Erie Thames Powerlines that includes results from 2011 – 2016 CDM programs and adjustments to 2011 to 2013 and 2015 results is $348,410.02. The total carrying charges on this LRAMVA balance accumulated to April 30, 2018 are $11,089.27. These balances are attributable to individual rate classes according to the following table:

Customer class	Principal	Carrying charges	Total LRAMVA
Residential	$92,619	$3,250	$94,512
GS<50 kW	$86,367	$3,424	$88,524
GS 50 to 999 kW	$44,023	$1,347	$44,725
GS 1,000 to 4,999 kW	$127,878	$4,295	$132,174
Large Use	$98,711	$3,840	$101,103
Street Lighting	-$97,774	-$4,931	-$101,271
Sentinel Lighting	$393	$9	$396
Unmetered Scattered Load	-$2,671	-$102	-$2,734
Embedded Distributor	-$1,137	-$43	-$1,163
Total	**$348,410**	**$11,089**	**$359,499**

Negative values indicate that the actual reduction in load from CDM programs was less than the amount included in the load forecast.

providing environmental and energy consulting
to private, public and non-governmental organizations

IndEco Strategic Consulting Inc

545 King Street West, Toronto ON M5V 1M1

1 888 INDECO1 416 532 4333 ***info@indeco.com*** ***www.indeco.com***

Attachment 13 (of 21):

4-M PILs Model

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Version 1.00

Utility Name	Erie Thames Powerlines Corporation
Assigned EB Number	EB-2017-0038
Name and Title	Graig Pettit, Director - Regulatory, Finance & Customer Relations
Phone Number	519-485-1820
Email Address	gpettit@eriethamespower.com
Date	September 8th 2017
Last COS Re-based Year	2012

Note: Drop-down lists are shaded blue; Input cells are shaded green.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILS calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H1 to H13 relate to the Historical Year.
Tabs B1 to B13 relate to the Bridge Year.
Tabs T1 to T13 relate to the Test Year.

The amounts on tabs H1 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

No inputs required on this worksheet.

Income Tax/PILs Workform for 2018 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	Utility Confirmation (Y/N)	Notes
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Yes	
2	The capital additions and deductions in the UCC/ CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Yes	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non- distribution tax amounts on Schedule 8.	Yes	Includes transfer of CEC balance from Schedule 10 to Class 14.1 o 1,2017
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the UCC schedules for the same years filed in the application	Yes	
5	Loss carry-forwards, if any, from the tax returns (Schedule 4) agree with those disclosed in the application	Yes	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	Yes	
7	CCA is maximized even if there are tax loss carry-forwards	Yes	
8	Accounting OPEB and pension amounts added back on Schedule 1 to reconcile accounting income to net income for tax purposes, must agree with the OM&A analysis for compensation. The amounts deducted must be reasonable when compared with the notes in the audited financial statements, FSCO reports, and the actuarial valuations.	Yes	
9	The income tax rate used to calculate the tax expense must be consistent with the utility's actual tax facts and evidence filed in the application.	Yes	

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

			Test Year	Bridge Year	
Rate Base		S	**$ 40,296,054**	**$ 42,611,109**	

Return on Ratebase

			Test Year		
Deemed ShortTerm Debt %	56.00%	T	$ 22,565,790	*W = S * T*	
Deemed Long Term Debt %	4.00%	U	$ 1,611,842	*X = S * U*	
Deemed Equity %	40.00%	V	$ 16,118,422	*Y = S * V*	
Short Term Interest Rate	3.72%	Z	$ 839,447	*AC = W * Z*	
Long Term Interest	1.76%	AA	$ 28,368	*AD = X * AA*	
Return on Equity (Regulatory Income)	8.78%	AB	**$ 1,415,197**	*AE = Y * AB*	T1
Return on Rate Base			**$ 2,283,013**	*AF = AC + AD + AE*	

Questions that must be answered

	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	No	No	No
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	Yes	Yes	Yes
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe what was the tax treatment in the manager's summary.*	No	No	No
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Tax Rates **Federal & Provincial** **As of May 16, 2016**	**Effective January 1, 2013**	**Effective January 1, 2014**	**Effective January 1, 2015**	**Effective January 1, 2016**	**Effective January 1, 2017**	**Effective January 1, 2018**
Federal income tax						
General corporate rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario income tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal small business threshold	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	500,000	500,000	500,000	500,000	500,000	500,000
Federal small business rate	11.00%	11.00%	11.00%	10.50%	10.50%	10.50%
Ontario small business rate	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 87,766	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**D = B+C**
Total Income Taxes					**$ 23,258**	**E = A * D**
Investment Tax Credits						**F**
Miscellaneous Tax Credits						**G**
Total Tax Credits					**$ -**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ 23,258**	**I = E - H**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	A	1,116,503		1,116,503
Additions:				
Interest and penalties on taxes	103	4,081		4,081
Amortization of tangible assets	104	1,712,622		1,712,622
Amortization of intangible assets	106			0
Recapture of capital cost allowance from Schedule 8	107			0
Gain on sale of eligible capital property from Schedule 10	108			0
Income or loss for tax purposes- joint ventures or partnerships	109			0
Loss in equity of subsidiaries and affiliates	110			0
Loss on disposal of assets	111			0
Charitable donations	112	100		100
Taxable Capital Gains	113			0
Political Donations	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118			0
Capitalized interest	119			0
Non-deductible club dues and fees	120			0
Non-deductible meals and entertainment expense	121	11,608		11,608
Non-deductible automobile expenses	122			0
Non-deductible life insurance premiums	123			0
Non-deductible company pension plans	124			0
Tax reserves deducted in prior year	125			0
Reserves from financial statements- balance at end of year	126			0
Soft costs on construction and renovation of buildings	127			0
Book loss on joint ventures or partnerships	205			0
Capital items expensed	206			0
Debt issue expense	208			0
Development expenses claimed in current year	212			0
Financing fees deducted in books	216			0
Gain on settlement of debt	220			0
Non-deductible advertising	226			0
Non-deductible interest	227			0
Non-deductible legal and accounting fees	228			0
Recapture of SR&ED expenditures	231			0
Share issue expense	235			0
Write down of capital property	236			0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237			0
Other Additions				
Interest Expensed on Capital Leases	290	30,946		30,946
Realized Income from Deferred Credit Accounts	291			0
Pensions	292			0
Non-deductible penalties	293			0
	294			0
	295			0
ARO Accretion expense				0
Capital Contributions Received (ITA 12(1)(x))				0
Lease Inducements Received (ITA 12(1)(x))				0
Deferred Revenue (ITA 12(1)(a))				0
Prior Year Investment Tax Credits received		54,000		54,000
Amortization of MIFRS		12,834		12,834

Smart Meter Recovery for tax purposes		1,071		1,071
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**1,827,262**	**0**	**1,827,262**
Deductions:				
Gain on disposal of assets per financial statements	401	65,703		65,703
Dividends not taxable under section 83	402			0
Capital cost allowance from Schedule 8	403	2,347,982		2,347,982
Terminal loss from Schedule 8	404			0
Cumulative eligible capital deduction from Schedule 10	405	18,772		18,772
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411			0
Tax reserves claimed in current year	413			0
Reserves from financial statements - balance at beginning of year	414			0
Contributions to deferred income plans	416			0
Book income of joint venture or partnership	305			0
Equity in income from subsidiary or affiliates	306			0
Other deductions: (Please explain in detail the nature of the item)				
Interest capitalized for accounting deducted for tax	390			0
Capital Lease Payments	391	192,380		192,380
Non-taxable imputed interest income on deferral and variance accounts	392			0
Capital Items expensed for tax	393	177,354		177,354
Sale of Scrap/COOP Credit/Post Retirement Adj	394	53,808		53,808
ARO Payments - Deductible for Tax when Paid				0
ITA 13(7.4) Election - Capital Contributions Received				0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				0
Deferred Revenue - ITA 20(1)(m) reserve				0
Principal portion of lease payments				0
Lease Inducement Book Amortization credit to income				0
Financing fees for tax ITA 20(1)(e) and (e.1)				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**2,855,999**	**0**	**2,855,999**
Net Income for Tax Purposes		**87,766**	**0**	**87,766**
Charitable donations from Schedule 2	311			0
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320			0
Non-capital losses of preceding taxation years from Schedule 4	331			0
Net-capital losses of preceding taxation years from Schedule 4 *(Please include explanation and calculation in Manager's summary)*	332			0
Limited partnership losses of preceding taxation years from Schedule 4	335			0
TAXABLE INCOME		**87,766**	**0**	**87,766**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 7-1 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Distribution System - post 1987	###########		############
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election			$ -
2	Distribution System - pre 1988			$ -
8	General Office/Stores Equip	$1,715,478.00		$ 1,715,478.00
10	Computer Hardware/ Vehicles	$ 118,021.00		$ 118,021.00
10.1	Certain Automobiles			$ -
12	Computer Software	$ 13,500.00		$ 13,500.00
13 1	Lease # 1	$ 164,804.00		$ 164,804.00
13 2	Lease #2			$ -
13 3	Lease # 3			$ -
13 4	Lease # 4			$ -
14	Franchise			$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs			$ -
42	Fibre Optic Cable			$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment			$ -
43.2	Certain Clean Energy Generation Equipment	$ 122,947.00		$ 122,947.00
45	Computers & Systems Software acq'd post Mar 22/04	$ 170.00		$ 170.00
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			$ -
47	Distribution System - post February 2005	###########		############
50	Data Network Infrastructure Equipment - post Mar 2007	$ 36,602.00		$ 36,602.00
52	Computer Hardware and system software			$ -
95	CWIP	$ 990,591.00		$ 990,591.00
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				0
	SUB-TOTAL - UCC	30,715,428	0	30,715,428

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filer

Schedule 10 CEC - Historical Year

Cumulative Eligible Capital				**233,914**
Additions				
Cost of Eligible Capital Property Acquired during Test Year	45,679			
Other Adjustments	0			
Subtotal	45,679	**x 3/4 =**	34,259	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	**x 1/2 =**	0	
			34,259	**34,259**
Amount transferred on amalgamation or wind-up of subsidiary	0			**0**
Subtotal				**268,173**
Deductions				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year				
Other Adjustments	0			
Subtotal	0	**x 3/4 =**		**0**
Cumulative Eligible Capital Balance				**268,173**
Current Year Deduction		**268,173**	**x 7% =**	**18,772**
Cumulative Eligible Capital - Closing Balance				**#########**

Ontario Energy Board

Income Tax/PILs Workform for 20

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only
Capital Gains Reserves ss.40(1)			0
Tax Reserves Not Deducted for accounting purposes			
Reserve for doubtful accounts ss. 20(1)(l)			0
Reserve for goods and services not delivered ss. 20(1)(m)			0
Reserve for unpaid amounts ss. 20(1)(n)			0
Debt & Share Issue Expenses ss. 20(1)(e)			0
Other tax reserves			0
			0
			0
			0
			0
			0
Total	**0**	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)			
General Reserve for Inventory Obsolescence (non-specific)			0
General reserve for bad debts			0
Accrued Employee Future Benefits:			0
- Medical and Life Insurance			0
-Short & Long-term Disability			0
-Accmulated Sick Leave			0
- Termination Cost			0
- Other Post-Employment Benefits			0
Provision for Environmental Costs			0
Restructuring Costs			0
Accrued Contingent Litigation Costs			0
Accrued Self-Insurance Costs			0
Other Contingent Liabilities			0
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0
Other			0
			0
			0
Total	**0**	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

PILS Tax Provision - Bridge Year

						Reference	Wires Only
Regulatory Taxable Income						B1	$ 428,838
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate			
Ontario (Max 11.5%)	11.5%	11.5%	$ 49,316	11.5%	**B**		
Federal (Max 15%)	15.0%	15.0%	$ 64,326	15.0%	**C**		
Combined effective tax rate (Max 26.5%)							26.50%
Total Income Taxes							**$ 113,642**
Investment Tax Credits							
Miscellaneous Tax Credits							
Total Tax Credits							**$ -**
Corporate PILs/Income Tax Provision for Bridge Year							**$ 113,642**

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

A

D = B + C

E = A * D

F
G
H = F + G

I = E - H

Ontario Energy Board

Income Tax/PILs Workform for

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	A		1,235,176

Additions:			
Interest and penalties on taxes	103		
Amortization of tangible assets	104		1,649,531
Amortization of intangible assets	106		144,888
Recapture of capital cost allowance from Schedule 8	107		
Gain on sale of eligible capital property from Schedule 10	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		12,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves deducted in prior year	125	B13	0
Reserves from financial statements- balance at end of year	126	B13	0
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		

Adjusted Taxable Income - Bridge Year

Other Additions			
Interest Expensed on Capital Leases	290		30,946
Realized Income from Deferred Credit Accounts	291		
Pensions	292		
Non-deductible penalties	293		
	294		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			9,000
Total Additions			**1,846,365**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	B8	2,337,323
Terminal loss from Schedule 8	404		
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves claimed in current year	413	B13	0
Reserves from financial statements - balance at beginning of year	414	B13	0
Contributions to deferred income plans	416		
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions: (Please explain in detail the nature of the item)			

Ontario Energy Board

Income Tax/PILs Workform for

Adjusted Taxable Income - Bridge Year

Interest capitalized for accounting deducted for tax	390		
Capital Lease Payments	391		192,380
Non-taxable imputed interest income on deferral and variance accounts	392		
Capital Items Expensed for Tax	393		123,000
	394		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**2,652,703**
Net Income for Tax Purposes		calculated	**428,838**
Charitable donations from Schedule 2	311		
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320		
Non-capital losses of preceding taxation years from Schedule 4	331	B4	0
Net-capital losses of preceding taxation years from Schedule 4 *(Please include explanation and calculation in Manager's summary)*	332	B4	0
Limited partnership losses of preceding taxation years from Schedule 4	335		
TAXABLE INCOME		calculated	**428,838**

2018 Filers

2018 Filers

2018 Filers

Ontario Energy Board

Income Tax/PILs Workform for 2018 File

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4


ers

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 8 CCA - Bridge Year

Class	Class Description	Working Paper Reference	UCC Regulated Historical Year	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}
1	Distribution System - post 1987	H8	$ 13,117,023.00			$ 13,117,023	$ -
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	H8		$ 797,343		$ 797,343	$ 398,672
2	Distribution System - pre 1988	H8				$ -	$ -
8	General Office/Stores Equip	H8	$ 1,715,478.00	$ 35,000		$ 1,750,478	$ 17,500
10	Computer Hardware/ Vehicles	H8	$ 118,021.00	$ 214,950		$ 332,971	$ 107,475
10.1	Certain Automobiles	H8				$ -	$ -
12	Computer Software	H8	$ 13,500.00			$ 13,500	$ -
13 1	Lease # 1	H8	$ 164,804.00			$ 164,804	$ -
13 2	Lease #2	H8				$ -	$ -
13 3	Lease # 3	H8				$ -	$ -
13 4	Lease # 4	H8				$ -	$ -
14	Franchise	H8				$ -	$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	H8				$ -	$ -
42	Fibre Optic Cable	H8				$ -	$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	H8				$ -	$ -
43.2	Certain Clean Energy Generation Equipment	H8	$ 122,947.00			$ 122,947	$ -
45	Computers & Systems Software acq'd post Mar 22/04	H8	$ 170.00			$ 170	$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8				$ -	$ -
47	Distribution System - post February 2005	H8	$ 14,436,292.00	$ 2,329,620		$ 16,765,912	$ 1,164,810
50	Data Network Infrastructure Equipment - post Mar 2007	H8	$ 36,602.00	$ 50,000		$ 86,602	$ 25,000
52	Computer Hardware and system software	H8				$ -	$ -
95	CWIP	H8	$ 990,591.00			$ 990,591	$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)[1]	H10	$ 249,401.12			$ 249,401	$ -
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)[1]		$ -			$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
	TOTAL		$ 30,964,829	$ 3,426,913	$ -	$ 34,391,742	$ 1,713,457

Reduced UCC	Rate %	Bridge Year CCA		UCC End of Bridge Year
$ 13,117,023	4%	$ 524,681		$ 12,592,342
$ 398,672	6%	$ 23,920		$ 773,423
$ -	6%	$ -		$ -
$ 1,732,978	20%	$ 346,596		$ 1,403,882
$ 225,496	30%	$ 67,649		$ 265,322
$ -	30%	$ -		$ -
$ 13,500	100%	$ 13,500		$ -
$ 164,804		$ -		$ 164,804
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -	8%	$ -		$ -
$ -	12%	$ -		$ -
$ -	30%	$ -		$ -
$ 122,947	50%	$ 61,474		$ 61,474
$ 170	45%	$ 77		$ 94
$ -	30%	$ -		$ -
$ 15,601,102	8%	$ 1,248,088		$ 15,517,824
$ 61,602	55%	$ 33,881		$ 52,721
$ -	100%	$ -		$ -
$ 990,591	0%	$ -		$ 990,591
$ 249,401	7%	$ 17,458		$ 231,943
$ -	5%	$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ 32,678,286		**$ 2,337,323**	B1	**$ 32,054,419**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Bridge Year Adjustments		Balance for Bridge Year	
						Additions	Disposals		
Capital Gains Reserves ss.40(1)	H13	0		0				0	T13
Tax Reserves Not Deducted for accounting purposes									
Reserve for doubtful accounts ss. 20(1)(l)	H13	0		0				0	T13
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13
Debt & Share Issue Expenses ss. 20(1)(e)	H13	0		0				0	T13
Other tax reserves	H13	0		0				0	T13
		0		0				0	
		0		0				0	
Total		**0**	**0**	**0**	B1	**0**	**0**	**0**	B1
Financial Statement Reserves (not deductible for Tax Purposes)									
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13
General reserve for bad debts	H13	0		0				0	T13
Accrued Employee Future Benefits:	H13	0		0				0	T13
- Medical and Life Insurance	H13	0		0				0	T13
-Short & Long-term Disability	H13	0		0				0	T13
-Accmulated Sick Leave	H13	0		0				0	T13
- Termination Cost	H13	0		0				0	T13
- Other Post-Employment Benefits	H13	0		0				0	T13
Provision for Environmental Costs	H13	0		0				0	T13
Restructuring Costs	H13	0		0				0	T13
Accrued Contingent Litigation Costs	H13	0		0				0	T13
Accrued Self-Insurance Costs	H13	0		0				0	T13
Other Contingent Liabilities	H13	0		0				0	T13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13
Other	H13	0		0				0	T13
		0		0				0	
		0		0				0	
Total		**0**	**0**	**0**	B1	**0**	**0**	**0**	B1

Change During the Year	Disallowed Expenses
0	
0	
0	
0	
0	
0	
0	
0	
0	**0**
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

PILs Tax Provision - Test Year

								Wires Only	
Regulatory Taxable Income							T1	$ 529,136	A
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate					
Ontario (Max 11.5%)	11.5%	11.5%	$ 60,851	11.5%	B				
Federal (Max 15%)	15.0%	15.0%	$ 79,370	15.0%	C				
Combined effective tax rate (Max 26.5%)								26.50%	D = B + C
Total Income Taxes								**$ 140,221**	E = A * D
Investment Tax Credits									F
Miscellaneous Tax Credits									G
Total Tax Credits								**$ -**	H = F + G
Corporate PILs/Income Tax Provision for Test Year								**$ 140,221**	I = E - H S. Su
Corporate PILs/Income Tax Provision Gross Up [1]						73.50%	J = 1-D	**$ 50,556**	K = I/J-I
Income Tax (grossed-up)								**$ 190,777**	L = K + I S. Su

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	1,415,197
Additions:			
Interest and penalties on taxes	103		
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		1,692,059
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		150,721
Recapture of capital cost allowance from Schedule 8	107		
Gain on sale of eligible capital property from Schedule 10	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		10,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	0
Reserves from financial statements- balance at end of year	126	T13	0
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		

Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions: (please explain in detail the nature of the item)			
Interest Expensed on Capital Leases	290		30,946
Realized Income from Deferred Credit Accounts	291		
Pensions	292		
Non-deductible penalties	293		
	294		
	295		
	296		
	297		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			6,000
Total Additions			**1,889,726**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	2,383,407
Terminal loss from Schedule 8	404		
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	0
Reserves from financial statements - balance at beginning of year	414	T13	0
Contributions to deferred income plans	416		
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions: (Please explain in detail the nature of the item)			
Interest capitalized for accounting deducted for tax	390		
Capital Lease Payments	391		192,380

Non-taxable imputed interest income on deferral and variance accounts	392		
Capital Items Expensed for Tax	393		200,000
	394		
	395		
	396		
	397		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**2,775,787**
NET INCOME FOR TAX PURPOSES		calculated	**529,136**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of preceding taxation years from Schedule 7-1	331	T4	0
Net-capital losses of preceding taxation years (Please show calculation)	332	T4	0
Limited partnership losses of preceding taxation years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	**529,136**

n for 2018 Filers

T0

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 7-1 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	**Working Paper Reference**	**Total**	**Non-Distribution Portion**	**Utility Balance**
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		**Total**	**Non-Distribution Portion**	**Utility Balance**
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 8 CCA - Test Year

Class	Class Description	Working Paper Reference	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment
1	Distribution System - post 1987	B8	$ 12,592,342			$ 12,592,342
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	B8	$ 773,423	43,000		$ 816,423
2	Distribution System - pre 1988	B8	$ -			$ -
8	General Office/Stores Equip	B8	$ 1,403,882	20,000		$ 1,423,882
10	Computer Hardware/ Vehicles	B8	$ 265,322	41,000		$ 306,322
10.1	Certain Automobiles	B8	$ -			$ -
12	Computer Software	B8	$ -			$ -
13 1	Lease # 1	B8	$ 164,804			$ 164,804
13 2	Lease #2	B8	$ -			$ -
13 3	Lease # 3	B8	$ -			$ -
13 4	Lease # 4	B8	$ -			$ -
14	Franchise	B8	$ -			$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than B	B8	$ -			$ -
42	Fibre Optic Cable	B8	$ -			$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	B8	$ -			$ -
43.2	Certain Clean Energy Generation Equipment	B8	$ 61,474	35,000		$ 96,474
45	Computers & Systems Software acq'd post Mar 22/04	B8	$ 94			$ 94
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -			$ -
47	Distribution System - post February 2005	B8	$ 15,517,824	2,813,950		$ 18,331,774
50	Data Network Infrastructure Equipment - post Mar 2007	B8	$ 52,721	90,000		$ 142,721
52	Computer Hardware and system software	B8	$ -			$ -
95	CWIP	B8	$ 990,591			$ 990,591
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)1	B8	$ 231,943			$ 231,943
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)1	B8	$ -			$ -
			$ -			$ -
			$ -			$ -
			$ -			$ -
			$ -			$ -
			$ -			$ -
			$ -			$ -
			$ -			$ -
			$ -			$ -
	TOTAL		$ 32,054,419	$ 3,042,950	$ -	$ 35,097,369

1. New CCA class 14.1 effective January 1, 2017. The class includes property that was eligible capital property immediately before January 1, 2017. For tax years that end prior to 2027, trans

1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA		UCC End of Test Year
$ -	$ 12,592,342	4%	$ 503,694		$ 12,088,648
$ 21,500	$ 794,923	6%	$ 47,695		$ 768,727
$ -	$ -	6%	$ -		$ -
$ 10,000	$ 1,413,882	20%	$ 282,776		$ 1,141,106
$ 20,500	$ 285,822	30%	$ 85,747		$ 220,576
$ -	$ -	30%	$ -		$ -
$ -	$ -	100%	$ -		$ -
$ -	$ 164,804		$ -		$ 164,804
$ -	$ -		$ -		$ -
$ -	$ -		$ -		$ -
$ -	$ -		$ -		$ -
$ -	$ -		$ -		$ -
$ -	$ -	8%	$ -		$ -
$ -	$ -	12%	$ -		$ -
$ -	$ -	30%	$ -		$ -
$ 17,500	$ 78,974	50%	$ 39,487		$ 56,987
$ -	$ 94	45%	$ 42		$ 51
$ -	$ -	30%	$ -		$ -
$ 1,406,975	$ 16,924,799	8%	$ 1,353,984		$ 16,977,790
$ 45,000	$ 97,721	55%	$ 53,746		$ 88,974
$ -	$ -	100%	$ -		$ -
$ -	$ 990,591	0%	$ -		$ 990,591
$ -	$ 231,943	7%	$ 16,236		$ 215,707
$ -	$ -	5%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ -	$ -	0%	$ -		$ -
$ 1,521,475	**$ 33,575,894**		**$ 2,383,407**	T1	**$ 32,713,962**

sitional rules apply to class 14.1 that were acquired before January 1, 2017

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Test Year Adjustments Additions	Test Year Adjustments Disposals	Balance for Test Year	
Capital Gains Reserves ss.40(1)	B13	0		0				0	
Tax Reserves Not Deducted for accounting purposes									
Reserve for doubtful accounts ss. 20(1)(l)	B13	0		0		0	0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0	
Other tax reserves	B13	0		0				0	
		0		0				0	
		0		0				0	
Total		**0**	**0**	**0**	T1	**0**	**0**	**0**	T1
Financial Statement Reserves (not deductible for Tax Purposes)									
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0	
General reserve for bad debts	B13	0		0				0	
Accrued Employee Future Benefits:	B13	0		0				0	
- Medical and Life Insurance	B13	0		0				0	
-Short & Long-term Disability	B13	0		0				0	
-Accmulated Sick Leave	B13	0		0				0	
- Termination Cost	B13	0		0				0	
- Other Post-Employment Benefits	B13	0		0				0	
Provision for Environmental Costs	B13	0		0				0	
Restructuring Costs	B13	0		0				0	
Accrued Contingent Litigation Costs	B13	0		0				0	
Accrued Self-Insurance Costs	B13	0		0				0	
Other Contingent Liabilities	B13	0		0				0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0	
Other	B13	0		0				0	
		0		0				0	
		0		0				0	
Total		**0**	**0**	**0**	T1	**0**	**0**	**0**	T1

Change During the Year	Disallowed Expenses
0	
0	
0	
0	
0	
0	
0	
0	
0	**0**
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	
0	**0**

Attachment 14 (of 21):

4-N LRAMVA Workform

Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 2.0 (2017)

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	**Tables 1-a and 1-b** provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	**Tables A-1 and A-2** include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	**Tables 2-a, 2-b and 2-c** include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	**Tables 3-a and 3-b** include the distribution rates that are used to calculate lost revenues.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
4. 2011-2014 LRAM	**Tables 4-a, 4-b, 4-c and 4-d** include the template 2011-2014 LRAMVA work forms.
5. 2015-2020 LRAM	**Tables 5-a, 5-b, 5-c and 5-d** include the template 2015-2020 LRAMVA work forms.
6. Carrying Charges	**Table 6-b** includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Data	**Tables 7-a to 7-j** should be populated with CDM savings persistence data provided to LDCs from the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report.

you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 2.0 (2017)

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	**Tables 1-a and 1-b** provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	**Tables A-1 and A-2** include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	**Tables 2-a, 2-b and 2-c** include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	**Tables 3-a and 3-b** include the distribution rates that are used to calculate lost revenues.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
4. 2011-2014 LRAM	**Tables 4-a, 4-b, 4-c and 4-d** include the template 2011-2014 LRAMVA work forms.
5. 2015-2020 LRAM	**Tables 5-a, 5-b, 5-c and 5-d** include the template 2015-2020 LRAMVA work forms.
6. Carrying Charges	**Table 6-b** includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Data	**Tables 7-a to 7-j** should be populated with CDM savings persistence data provided to LDCs from the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report.

you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Ontario Energy Board

LRAMVA Work Form:
Checklist and Schematic

Version 2.0 (2017)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA ($) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend Drop Down List (Blue)

Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Yes	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

Ontario Energy Board

Tab	
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a gen related components) but have been included i work form and listed below: o Highlight changes to this work form made by o Include any necessary assumptions the LD(o Provide documentation on the LRAMVA thr most recent load forecast was approved. o Include a copy of initiative-level persistence o Apply the IESO verified savings adjustment Results Report. The 2015 savings adjustmen o Provide documentation or data substantiatir projects), as applicable. o Provide documentation or analysis on how r
Tab 1. LRAMVA Summary	Distributors are required to report any past ap new lost revenues and carrying charges amou
Tab 1-a. Summary of Changes	Distributors should list all significant changes a

Tab 2. LRAMVA Threshold	Distributors should use the tables to display th cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with ra
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include doc each year. The rate class allocations would su
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue o Input or manually link the savings, adjustme is available upon request from the IESO. o Ensure that the IESO verified savings adjus by the IESO in 2013 should be included in the o Confirm the monthly multipliers applied to d Tab 1-a and highlight the new monthly multipli o Input the rate class allocations by program supporting rationale in Tab 1-a and highlight th o Provide assumptions about the year(s) in w LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carryin for deferral and variance accounts become av carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include docu

LRAMVA Work Form: Instructions

Instructions

eric manner for use by all LDCs. There are some elements that are not applicable at this tim
n an effort to avoid major updates in the future. Distributors should follow the checklist, whicl

y the LDC, if any, and provide rationale for the change in Tab 1-a.

C has to make in its LRAMVA work form in the "Notes" section of the work form.

eshold by providing the reference and source material from the LDC's cost of service procee

savings information that was verified by the IESO. Persistence information is available upor

s to the year it relates to. For example, savings adjustments to 2015 programs will be provid
ts should be included in the 2015 verified savings portion of the work form.

ng savings from projects that were not provided in the IESO's verified results reports, insertec

rate class allocations were determined by customer class and program each year, inserted in

proved LRAMVA amounts along with the current LRAMVA amount requested for approval. T
ints by year and the totals for rate rider calculations.

and changes in assumptions in the generic work form affecting the LRAMVA.

ıe LRAMVA threshold amounts as approved at a rate class level. This should be taken from t

ıte class specific distribution rates and adjustments as applicable.

:umentation or analysis on how rate class allocations for actual CDM savings were determine
ıpport the LRAMVA rate class allocation figures used in Tabs 4 and 5.

calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by ur

ənts and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5

ıstments apply to the program year it relates to. For example, savings adjustments related to
2012 program savings table.

lemand savings. If a different monthly multiplier is used than what was confirmed in the LRA
ier that has been used.

and year to allocate actual savings to customers. If a different allocation is proposed for adjı
ıe change.

vhich persistence is captured in the load forecast via the "Notes" section of each table and ac

g charges based on the methodology provided in the work form. This includes updating Tabl
ailable and entering any collected interest amounts into the "Amounts Cleared" row to calcula

IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been c

ımentation or data to support projects whose program savings were not provided by the IES(

Version 2.0 (2017)

ıe (i.e., 2017, 2018, 2019 and 2020
h is referenced in this tab of the

ding where its

ı request from the IESO.

ed to LDCs with the 2016 Final

d in Tab 8 (i.e., streetlighting

Tab 3-a.

There are separate tables indicating

he LDC's most recently approved
d by customer class and program
ndertaking the following: . As noted earlier, persistence data 2012 programs that were reported MVA Report, provide rationale in ustments, LDCs must provide the djust what is included in the
e 6 as new prescribed interest rates ate outstanding variances on
created consistently with the IESO's
) (i.e., streetlighting projects).

Ontario Energy Board

LRAMVA Work Form:
Summary Tab

Version 2.0 (2017)

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

LDC Name Erie Thames Powerlines Corporation

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	None
Application of Previous LRAMVA Claim	
Period of LRAMVA Claimed in Previous Application	
Amount of LRAMVA Claimed in Previous Application	$ -

B. Current LRAMVA Application

Current LRAMVA Application (EB#)		EB-2017-0038
Application of Current LRAMVA Claim		2018 COS
Period of New LRAMVA in this Application		2011-2016
Actual Lost Revenues ($)	A	**$ 1,103,184**
Forecast Lost Revenues ($)	B	**$ 754,774**
Carrying Charges ($)	C	**$ 11,089**
LRAMVA ($) for Account 1568	A-B+C	**$ 359,499**

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$92,619	$3,250	$95,870
GS<50 kW	kWh	$86,367	$3,424	$89,790
GS 50 to 999 kW	kW	$44,023	$1,347	$45,371
GS 1,000 to 4,999 kW	kW	$127,878	$4,295	$132,174
Large Use	kW	$98,711	$3,840	$102,551
Street Lighting	kW	-$97,774	-$4,931	-$102,705
Sentinel Lighting	kW	$393	$9	$402
Unmetered Scattered Load	kWh	-$2,671	-$102	-$2,773
Embedded Distributor	kW	-$1,137	-$43	-$1,180
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$348,410**	**$11,089**	**$359,499**

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

Depending on the period of LRAMVA to be claimed, LDCs are expected to adjust the totals for carrying charges in row 82 of Table 1-b and the years included in the LRAMVA balance in row 83, as appropriate.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
2011 Actuals	☐	$5,950.77	$2,949.54	$543.52	$1,499.62	$0.00	$10.84	$193.85	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11,148.14
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2012 Actuals	☐	$10,571.50	$7,564.91	$541.94	$2,678.79	$0.00	$12.90	$7,932.72	$7,774.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$37,077.45
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2013 Actuals	☐	$22,441.68	$16,897.36	$3,355.96	$4,312.00	$1,603.14	$58.69	$15,918.19	$89,927.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$154,514.69
2013 Forecast		($25,949.14)	($6,770.45)	($774.20)	$0.00	($1,524.25)	$0.00	($530.82)	($150,081.34)	($14.75)	($656.36)	($279.17)	$0.00	$0.00	$0.00	($186,580.48)
Amount Cleared																
2014 Actuals	☐	$38,127.87	$25,626.40	$6,085.54	$4,303.03	$33,350.78	$59.25	$21,516.07	$109,381.07	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$238,450.02
2014 Forecast		($26,094.92)	($6,820.23)	($781.38)	$0.00	($1,538.61)	$0.00	($535.82)	($151,508.48)	($14.89)	($662.46)	($281.82)	$0.00	$0.00	$0.00	($188,238.61)
Amount Cleared																
2015 Actuals	☐	$52,270.56	$29,404.82	$17,131.86	$4,255.14	$38,782.13	$60.02	$30,459.27	$151,519.24	$224.68	$0.00	$0.00	$0.00	$0.00	$0.00	$324,107.71
2015 Forecast		($26,386.49)	($6,919.80)	($791.48)	$0.00	($1,558.62)	$0.00	($542.75)	($153,487.76)	($15.09)	($670.39)	($285.49)	$0.00	$0.00	$0.00	($190,657.85)
Amount Cleared																
2016 Actuals		$63,992.24	$31,503.15	$19,515.98	$3,677.68	$39,402.97	$16.89	$24,851.53	$154,697.65	$228.35	$0.00	$0.00	$0.00	$0.00	$0.00	$337,886.44
2016 Forecast		($22,304.60)	($7,069.14)	($804.41)	$0.00	($1,584.08)	$0.00	($551.63)	($155,996.79)	($15.34)	($681.37)	($290.15)	$0.00	$0.00	$0.00	($189,297.50)
Amount Cleared																
2017 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2017 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2018 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2018 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2019 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2019 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2020 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2020 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
Carrying Charges		$3,250.46	$3,423.79	$1,347.37	$978.88	$3,306.15	$10.18	$3,840.26	($4,931.28)	$9.12	($102.18)	($43.48)	$0.00	$0.00	$0.00	$11,089.27
Total LRAMVA Balance		**$95,870**	**$89,790**	**$45,371**	**$21,705**	**$110,239.61**	**$229**	**$102,551**	**-$102,705**	**$402.1**	**-$2,773**	**-$1,180**	**$0**	**$0**	**$0**	**$359,499.29**

Note: Rate classes "GS 1,000 to 2,999" and "GS 3,000 to 4,999" were consolidated in 2013

Ontario Energy Board

LRAMVA Work Form: Summary of Changes

Version 2.0 (2017)

Legend	
	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; use of a different LRAMVA threshold; etc. All important changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	1. LRAMVA Summary	B30:G32	Consolidated intermediate rate classes	Kept them separate in 2011 and 2012 for calculating LRAMVA when had different rates, but rate classes were consolidated in 2013
2	2. LRAMVA Threshold	D24	Although a 2012 COS, rates only came into effect in 2013	Rates in calendar year 2012 did not account for CDM
3	4. 2011-2014 LRAM	AF255	Actual CDM Savings in 2012 - Street Lighting	Manually calculated from Street Lighting tab
4	4. 2011-2014 LRAM	AF384	Actual CDM Savings in 2013 - Street Lighting	Manually calculated from Street Lighting tab
5	4. 2011-2014 LRAM	AF513	Street Lighting	Manually calculated from Street Lighting tab
6	5. 2015-2020 LRAM	AF195	Actual CDM Savings in 2015 - Street Lighting	Manually calculated from Street Lighting tab
7	5. 2015-2020 LRAM	AF378	Actual CDM Savings in 2016 - Street Lighting	Manually calculated from Street Lighting tab
8	4. 2011-2014 LRAM	D178:H178	Retrofit program	kWh attributed to street light project removed, as billing is by kW for street light rate class
9	4. 2011-2014 LRAM	D307:G307	Retrofit program	kWh attributed to street light project removed, as billing is by kW for street light rate class
10	5. 2015-2020 LRAM	D304:H304	Save on Energy Retrofit Program	kWh attributed to street light project removed, as billing is by kW for street light rate class
11	5. 2015-2020 LRAM	D7:I7	Efficiency: Equipment Replacement Incentive Initiative	kWh attributed to street light project removed, as billing is by kW for street light rate class
12	6. Carrying Charges	C42:C43	Estimated carrying charge rate in 2017Q4 and 2018Q1	Based on rate in 2017Q3
13	6. Carrying Charges	H123	Estimated carrying charge rate in April 2018	Based on rate in 2017Q3

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Ontario Energy Board

LRAMVA Work Form:
Forecast Lost Revenues

Version 2.0 (2017)

Legend

User Inputs (Green)
Drop Down List (Blue)
Auto Populated Cells (White)
Instructions (Grey)

Table 2-a. LRAMVA Threshold 2008

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor			
		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0.0	0.0	0.0
kWh	0	0	0	0	0	0	0	0	0	0	0	0			
kW	0	0	0	0	0	0	0	0	0	0	0	0			
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold
Source of Threshold

Table 2-b. LRAMVA Threshold 2013

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor			
		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0.0	0.0	0.0
kWh	4,594,000	1,457,817	497,827	438,559	0	1,012,174	0	958,416	49,128	2,810	6,100	171,169			
kW	7,802	0	0	265	0	384	0	296	6,783	1	0	73			
Summary		1457817	497827	265	0	384	0	296	6783	1	6100	73	0	0	0

Basis of Threshold: 0.5* 201X + 20XX + 0.5 * 20XX (if available)
Source of Threshold: 2012 Settlement Agreement, p. 16

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor			
		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0.0	0.0	0.0
2011	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	1,457,817	497,827	265	0	384	0	296	6,783	1	6,100	73	0	0	0
2014	2013	1,457,817	497,827	265	0	384	0	296	6,783	1	6,100	73	0	0	0
2015	2013	1,457,817	497,827	265	0	384	0	296	6,783	1	6,100	73	0	0	0
2016	2013	1,457,817	497,827	265	0	384	0	296	6,783	1	6,100	73	0	0	0

Note: Although the Cost of Service was for 2012, rate changes did not take effect until 2013, so it has been used as the basis for the analysis

Ontario Energy Board

LRAMVA Work Form: Distribution Rates

Version 2.0 (2017)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-0222	EB-2010-0080	EB-2012-0121	EB-2013-0018	EB-2013-0126	EB-2014-0070	EB-2015-0067	EB-2016-0068	EB-2017-0038	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		*6*	*4*	*12*	*4*	*4*	*4*	*4*	*4*	*4*			
Period 2 (# months)		*6*	*8*	*0*	*8*	*8*	*8*	*8*	*8*	*8*	*12*	*12*	*12*
Residential	kWh	$ 0.0125	$ 0.0124	$ 0.0178	$ 0.0178	$ 0.0180	$ 0.0182	$ 0.0139					
Adjusted rate		$ 0.0125	$ 0.0124	$ 0.0178	$ 0.0178	$ 0.0180	$ 0.0182	$ 0.0139	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0124**	**$ 0.0124**	**$ 0.0178**	**$ 0.0179**	**$ 0.0181**	**$ 0.0153**	**$ 0.0046**	**$ -**	**$ -**	**$ -**	
GS<50 kW	kWh	$ 0.0089	$ 0.0089	$ 0.0136	$ 0.0136	$ 0.0138	$ 0.0140	$ 0.0143					
Adjusted rate		$ 0.0089	$ 0.0089	$ 0.0136	$ 0.0136	$ 0.0138	$ 0.0140	$ 0.0143	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0089**	**$ 0.0089**	**$ 0.0136**	**$ 0.0137**	**$ 0.0139**	**$ 0.0142**	**$ 0.0048**	**$ -**	**$ -**	**$ -**	
GS 50 to 999 kW	kW	$ 1.1425	$ 1.1325	$ 2.9168	$ 2.9238	$ 2.9610	$ 2.9995	$ 3.0535					
Adjusted rate		$ 1.1425	$ 1.1325	$ 2.9168	$ 2.9238	$ 2.9610	$ 2.9995	$ 3.0535	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 1.1358**	**$ 1.1325**	**$ 2.9215**	**$ 2.9486**	**$ 2.9867**	**$ 3.0355**	**$ 1.0178**	**$ -**	**$ -**	**$ -**	
GS 1,000 to 2,999 kW	kW	$ 2.4374	$ 2.4197	$ 3.9632	$ 3.9725	$ 4.0240	$ 4.0763	$ 4.1497					
Adjusted rate		$ 2.4374	$ 2.4197	$ 3.9632	$ 3.9725	$ 4.0240	$ 4.0763	$ 4.1497	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 2.4256**	**$ 2.4197**	**$ 3.9694**	**$ 4.0068**	**$ 4.0589**	**$ 4.1252**	**$ 1.3832**	**$ -**	**$ -**	**$ -**	
GS 1,000 to 4,999 kW	kW	$ -	$ -	$ 3.9632	$ 3.9725	$ 4.0240	$ 4.0763	$ 4.1497					
Adjusted rate		$ -	$ -	$ 3.9632	$ 3.9725	$ 4.0240	$ 4.0763	$ 4.1497	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ 3.9694**	**$ 4.0068**	**$ 4.0589**	**$ 4.1252**	**$ 1.3832**	**$ -**	**$ -**	**$ -**	
GS 3,000 to 4,999 kW	kW	$ 0.8795	$ 0.8723	$ 3.9632	$ 3.9725	$ 4.0240	$ 4.0763	$ 4.1497					
Adjusted rate		$ 0.8795	$ 0.8723	$ 3.9632	$ 3.9725	$ 4.0240	$ 4.0763	$ 4.1497	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.8747**	**$ 0.8723**	**$ 3.9694**	**$ 4.0068**	**$ 4.0589**	**$ 4.1252**	**$ 1.3832**	**$ -**	**$ -**	**$ -**	
Large Use	kW	$ 1.9779	$ 1.9676	$ 1.7905	$ 1.7947	$ 1.8179	$ 1.8415	$ 1.8746					
Adjusted rate		$ 1.9779	$ 1.9676	$ 1.7905	$ 1.7947	$ 1.8179	$ 1.8415	$ 1.8746	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 1.9710**	**$ 1.9676**	**$ 1.7933**	**$ 1.8102**	**$ 1.8336**	**$ 1.8636**	**$ 0.6249**	**$ -**	**$ -**	**$ -**	
Street Lighting	kW	$ 10.5494	$ 10.4573	$ 22.0950	$ 22.1416	$ 22.4339	$ 22.7255	$ 23.1346					
Adjusted rate		$ 10.5494	$ 10.4573	$ 22.0950	$ 22.1416	$ 22.4339	$ 22.7255	$ 23.1346	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 10.4880**	**$ 10.4573**	**$ 22.1261**	**$ 22.3365**	**$ 22.6283**	**$ 22.9982**	**$ 7.7115**	**$ -**	**$ -**	**$ -**	
Sentinel Lighting	kW	$ 14.0911	$ 13.9752	$ 14.7326	$ 14.7621	$ 14.9586	$ 15.1531	$ 15.4259					
Adjusted rate		$ 14.0911	$ 13.9752	$ 14.7326	$ 14.7621	$ 14.9586	$ 15.1531	$ 15.4259	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 14.0138**	**$ 13.9752**	**$ 14.7523**	**$ 14.8931**	**$ 15.0883**	**$ 15.3350**	**$ 5.1420**	**$ -**	**$ -**	**$ -**	
Unmetered Scattered Load	kWh	$ 0.0117	$ 0.0117	$ 0.1074	$ 0.1077	$ 0.1090	$ 0.1104	$ 0.1124					
Adjusted rate		$ 0.0117	$ 0.0117	$ 0.1074	$ 0.1077	$ 0.1090	$ 0.1104	$ 0.1124	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0117**	**$ 0.0117**	**$ 0.1076**	**$ 0.1086**	**$ 0.1099**	**$ 0.1117**	**$ 0.0375**	**$ -**	**$ -**	**$ -**	
Embedded Distributor	kW	$ 1.6633	$ 1.6551	$ 3.8186	$ 3.8271	$ 3.8772	$ 3.9276	$ 3.9983					
Adjusted rate		$ 1.6633	$ 1.6551	$ 3.8186	$ 3.8271	$ 3.8772	$ 3.9276	$ 3.9983	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ 1.6578**	**$ 1.6551**	**$ 3.8243**	**$ 3.8605**	**$ 3.9108**	**$ 3.9747**	**$ 1.3328**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. As such, please clear the rates related to the year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor			
	kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0
2011	$0.0124	$0.0089	$1.1358	$2.4256	$0.0000	$0.8747	$1.9710	$10.4880	$14.0138	$0.0117	$1.6578	$0.0000	$0.0000	$0.0000
2012	$0.0124	$0.0089	$1.1325	$2.4197	$0.0000	$0.8723	$1.9676	$10.4573	$13.9752	$0.0117	$1.6551	$0.0000	$0.0000	$0.0000
2013	$0.0178	$0.0136	$2.9215	$3.9694	$3.9694	$3.9694	$1.7933	$22.1261	$14.7523	$0.1076	$3.8243	$0.0000	$0.0000	$0.0000
2014	$0.0179	$0.0137	$2.9486	$4.0068	$4.0068	$4.0068	$1.8102	$22.3365	$14.8931	$0.1086	$3.8605	$0.0000	$0.0000	$0.0000
2015	$0.0181	$0.0139	$2.9867	$4.0589	$4.0589	$4.0589	$1.8336	$22.6283	$15.0883	$0.1099	$3.9108	$0.0000	$0.0000	$0.0000
2016	$0.0153	$0.0142	$3.0355	$4.1252	$4.1252	$4.1252	$1.8636	$22.9982	$15.3350	$0.1117	$3.9747	$0.0000	$0.0000	$0.0000
2017														
2018	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2019	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2020	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Ontario Energy Board

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 2.0 (2017)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Consumer Program																						
1	Appliance Retirement	Verified	119,727	119,727	119,727	119,222	89,283	0						17	17	17	17	12	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
2	Appliance Exchange	Verified	4,458	4,458	4,458	2,055	0	0						4	4	4	1	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
3	HVAC Incentives	Verified	196,514	196,514	196,514	196,514	196,514	196,514						104	104	104	104	104	104				
	Adjustment to 2011 savings	True-up	-28,307	-28,307	-28,307	-28,307	-28,307	-28,307						-15	-15	-15	-15	-15	0				
4	Conservation Instant Coupon Booklet	Verified	74,929	74,929	74,929	74,929	69,048	62,622						5	5	5	5	5	5				
	Adjustment to 2011 savings	True-up	974	974	974	974	974	890						0	0	0	0	0	0				
5	Bi-Annual Retailer Event	Verified	103,886	103,886	103,886	103,886	94,945	85,176						6	6	6	6	6	5				
	Adjustment to 2011 savings	True-up	7,718	7,718	7,718	7,718	7,718	7,014						0	0	0	0	0	0				
6	Retailer Co-op	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
7	Residential Demand Response	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
9	Residential New Construction	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
	Business Program																						
10	Retrofit	Verified	106,770	106,770	106,770	106,770	106,770	106,770					12	17	17	17	17	17	17				
	Adjustment to 2011 savings	True-up	186,633	186,633	186,633	186,633	186,633	103,621					12	37	37	37	37	37	0				
11	Direct Install Lighting	Verified	202,377	202,216	199,631	144,485	144,485	144,372					12	75	75	74	55	55	55				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
12	Building Commissioning	Verified	0	0	0	0	0	0					3	0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					3	0	0	0	0	0	0				
13	New Construction	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
14	Energy Audit	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
17	Demand Response 3	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
	Industrial Program																						
18	Process & System Upgrades	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
19	Monitoring & Targeting	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
20	Energy Manager	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
21	Retrofit	Verified	61,631	61,631	61,631	61,631	61,631	61,631					12	11	11	11	11	11	11				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
22	Demand Response 3	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
	Home Assistance Program																						
23	Home Assistance Program	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				

	Program	Rate Allocations for LRAMVA														
		Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
1	Appliance Retirement	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program															
10	Retrofit	0.00%	29.64%	37.29%	33.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	0.00%	29.64%	37.29%	33.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program															
18	Process & System Upgrades	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	0.00%	0.00%	25.97%	0.00%	0.00%	0.00%	74.03%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	0.00%	0.00%	25.97%	0.00%	0.00%	0.00%	74.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2011 savings	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program															
23	Home Assistance Program	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2011 savings	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Program	Results Status																					
Aboriginal Program																						
24 Home Assistance Program	Verified	0	0	0	0	0	0						0	0	0	0	0	0				
Adjustment to 2011 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
25 Direct Install Lighting	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
Adjustment to 2011 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				
Pre-2011 Programs completed in 2011																						
26 Electricity Retrofit Incentive Program	Verified	228,469	228,469	228,469	228,469	228,469	228,469					12	61	61	61	61	61	61				
Adjustment to 2011 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
27 High Performance New Construction	Verified	1,452	1,452	1,452	1,452	1,452	1,452					12	0	0	0	0	0	0				
Adjustment to 2011 savings	True-up	9,154	9,154	9,154	9,154	9,154	9,154					12	2	2	2	2	2	0				
28 Toronto Comprehensive	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
Adjustment to 2011 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				
29 Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
Adjustment to 2011 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				
30 LDC Custom Programs	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
Adjustment to 2011 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				
Other																						
31 Program Enabled Savings	Verified											0										
Adjustment to 2011 savings	True-up											0										
32 Time of Use Savings	Verified											0										
Adjustment to 2011 savings	True-up											0										
33 LDC Pilots	Verified											0										
Adjustment to 2011 savings	True-up											0										
Actual CDM Savings in 2011		**1,276,386**											**325**									
Forecast CDM Savings in 2011																						

Program	Results Status															Total
24 Home Assistance Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Direct Install Lighting	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26 Electricity Retrofit Incentive Program	Verified	0.00%	18.41%	27.86%	53.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2011 savings	True-up	0.00%	18.41%	27.86%	53.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27 High Performance New Construction	Verified	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Toronto Comprehensive	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Multifamily Energy Efficiency Rebates	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 LDC Custom Programs	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Program Enabled Savings	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Time of Use Savings	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 LDC Pilots	Verified															0%
Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2011		**479,901**	**331,409**	**479**	**618**	**0**	**12**	**98**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2011		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2011		$0.01240	$0.00890	$1.13580	$2.42560	$0.00000	$0.87470	$1.97100	$10.48800	$14.01380	$0.01170	$1.65780	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2011 from 2011 programs		**$5,950.77**	**$2,949.54**	**$543.52**	**$1,499.62**	**$0.00**	**$10.84**	**$193.85**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$11,148.14**
Forecast Lost Revenues in 2011		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2011																**$11,148.14**
2011 Savings Persisting in 2012		479,901	331,249	479	618	0	12	98	0	0	0	0	0	0	0	
2011 Savings Persisting in 2013		479,901	328,663	479	618	0	12	98	0	0	0	0	0	0	0	
2011 Savings Persisting in 2014		476,993	273,518	479	618	0	12	98	0	0	0	0	0	0	0	
2011 Savings Persisting in 2015		430,174	273,518	479	618	0	12	98	0	0	0	0	0	0	0	
2011 Savings Persisting in 2016		323,909	248,799	314	461	0	2	98	0	0	0	0	0	0	0	
2011 Savings Persisting in 2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011 Savings Persisting in 2020		0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 4-b. 2012 Lost Revenues Work Form

Return to top

Program	Results Status	Net Energy Savings (kWh) 2012	Net Energy Savings Persistence (kWh) 2013	2014	2015	2016	2017	2018	2019	2020	2021	Monthly Multiplier	Net Demand Savings (kW) 2012	Net Peak Demand Savings Persistence (kW) 2013	2014	2015	2016	2017	2018	2019	2020	2021
Consumer Program																						
1 Appliance Retirement	Verified	115,287	115,287	115,287	114,467	72,284							17	17	17	16	10					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
2 Appliance Exchange	Verified	17,409	17,409	17,409	17,022	0							10	10	10	10	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
3 HVAC Incentives	Verified	118,578	118,578	118,578	118,578	118,578							66	66	66	66	66					
Adjustment to 2012 savings	True-up	1,325	1,325	1,325	1,325	0							1	1	1	1	0					
4 Conservation Instant Coupon Booklet	Verified	4,943	4,943	4,943	4,943	4,868							1	1	1	1	1					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
5 Bi-Annual Retailer Event	Verified	94,675	94,675	94,675	94,675	85,107							5	5	5	5	5					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
6 Retailer Co-op	Verified	0	0	0	0	0							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
7 Residential Demand Response	Verified	0	0	0	0	0							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
8 Residential Demand Response (IHD)	Verified	0	0	0	0	0							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
9 Residential New Construction	Verified	540	540	540	540	540							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
Business Program																						
10 Retrofit	Verified	1,967,240	1,925,086	1,899,925	1,847,915	1,847,915						12	302	290	282	266	266					
Adjustment to 2012 savings	True-up	23,092	23,092	23,092	23,092	0						12	0	0	0	0	0					
11 Direct Install Lighting	Verified	269,533	269,533	269,533	203,127	203,127						12	72	72	72	56	56					
Adjustment to 2012 savings	True-up	31,989	31,989	31,914	29,183	0						12	8	8	8	7	0					
12 Building Commissioning	Verified	0	0	0	0	0						3	0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0						3	0	0	0	0	0					
13 New Construction	Verified	0	0	0	0	0						12	0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0					
14 Energy Audit	Verified	0	0	0	0	0						12	0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0					
15 Small Commercial Demand Response	Verified	0	0	0	0	0							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
16 Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
17 Demand Response 3	Verified	0	0	0	0	0							0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0					
Industrial Program																						
18 Process & System Upgrades	Verified	0	0	0	0	0						12	0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0					
19 Monitoring & Targeting	Verified	0	0	0	0	0						12	0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0					
20 Energy Manager	Verified	0	0	0	0	0						12	0	0	0	0	0					
Adjustment to 2012 savings	True-up	1,133,908	1,133,908	1,123,132	1,123,132	0						12	99	99	98	98	0					
21 Retrofit	Verified	0	0	0	0	0						12	0	0	0	0	0					
Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0					

Program	Results Status	Rate Allocations for LRAMVA: Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
Consumer Program		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
1 Appliance Retirement	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4 Conservation Instant Coupon Booklet	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5 Bi-Annual Retailer Event	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6 Retailer Co-op	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7 Residential Demand Response	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Residential Demand Response (IHD)	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9 Residential New Construction	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Business Program																
10 Retrofit	Verified	0%	11%	0%	13%	0%	0%	76%	0%	0%	0%	0%				100%
Adjustment to 2012 savings	True-up	0.00%	10.91%	0.00%	13.40%	0.00%	0.00%	75.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 Direct Install Lighting	Verified	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Building Commissioning	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13 New Construction	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14 Energy Audit	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15 Small Commercial Demand Response	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16 Small Commercial Demand Response (IHD)	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program																
18 Process & System Upgrades	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19 Monitoring & Targeting	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Energy Manager	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%				100%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21 Retrofit	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

22	Demand Response 3	Verified	2,104	0	0	0	0							87	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified	11,757	11,757	11,757	11,581	11,581							1	1	1	1	1						100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2012 savings	True-up	8,127	8,127	7,696	7,657	0							1	1	1	1	0						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																					
24	Home Assistance Program	Verified	0	0	0	0	0							0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0							0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																					
26	Electricity Retrofit Incentive Program	Verified	0	0	0	0	0						12	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	387	387	387	387	387						12	0	0	0	0	0						0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						12	0	0	0	0	0						0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
31	Program Enabled Savings	Verified	0	0	0	0	0						0	0	0	0	0	0						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0	0						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2012 savings	True-up	0	0	0	0	0						0	0	0	0	0	0						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											0																									0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2012		**3,800,894**											**672**										**372,640**	**518,742**	**0**	**489**	**0**	**2**	**3,933**	**743**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2012																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Distribution Rate in 2012	$0.01240	$0.00890	$1.13250	$2.41970	$0.00000	$0.87230	$1.96760	$10.45730	$13.97520	$0.01170	$1.65510	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2012 from 2011 programs	$5,950.77	$2,948.11	$541.94	$1,495.98	$0.00	$10.81	$193.52	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11,141.13
Lost Revenue in 2012 from 2012 programs	$4,620.74	$4,616.80	$0.00	$1,182.81	$0.00	$2.09	$7,739.20	$7,774.68	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$25,936.32
Total Lost Revenues in 2012	**$10,571.50**	**$7,564.91**	**$541.94**	**$2,678.79**	**$0.00**	**$12.90**	**$7,932.72**	**$7,774.68**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$37,077.45**
Forecast Lost Revenues in 2012	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2012															**$37,077.45**
2012 Savings Persisting in 2013	372,640	514,141	0	468	0	2	3,816	0	0	0	0	0	0	0	
2012 Savings Persisting in 2014	372,209	511,320	0	456	0	2	3,732	0	0	0	0	0	0	0	
2012 Savings Persisting in 2015	370,787	436,506	0	430	0	2	3,588	0	0	0	0	0	0	0	
2012 Savings Persisting in 2016	292,958	404,803	0	430	0	2	2,415	0	0	0	0	0	0	0	
2012 Savings Persisting in 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: kWh for streetlighting have been removed from Retrofit program as streetlighting is calculated separately based on bill changes

Table 4-c. 2013 Lost Revenues Work Form

Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
1	Appliance Retirement	Verified	86,185	86,185	86,185	86,083								13	13	13	13							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	4,803	4,803	4,803	4,803								3	3	3	3							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	148,404	148,404	148,404	148,404								82	82	82	82							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	10,529	10,529	10,529	0								6	6	6	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	27,247	27,247	26,197	22,194								2	2	2	2							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	83	83	79	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	60,732	60,732	57,073	44,585								4	4	4	3							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																					
10	Retrofit	Verified	1,528,952	1,527,753	1,527,586	1,527,586							12	220	220	220	220							0.00%	10.71%	21.19%	0.00%	15.16%	0.00%	52.95%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	11,446	11,446	11,446	0							12	2	2	2	0							0.00%	10.71%	21.19%	0.00%	15.16%	0.00%	52.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	234,744	234,744	223,480	180,544							12	66	66	63	51							0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified	0	0	0	0							3	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							3	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	48,451	48,451	48,451	48,451							12	9	9	9	9							0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	32	32	32	0							12	0	0	0	0							0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
18	Process & System Upgrades	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

20	Energy Manager	Verified	2,990,081	2,322,412	2,322,412	2,322,412							12	280	212	212	212							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2013 savings	True-up	332,231	999,900	533,230	0							12	16	84	34	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	8,802	0	0	0								387	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified	50,224	47,831	47,614	42,469								7	7	7	6							100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2013 savings	True-up	20,022	19,686	19,656	0								3	3	3	0							100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																					
24	Home Assistance Program	Verified	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0								0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																					
26	Electricity Retrofit Incentive Program	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							12	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
31	Program Enabled Savings	Verified	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2013 savings	True-up	0	0	0	0							0	0	0	0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											0																									0%
	Adjustment to 2013 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**5,562,967**											**1,099**										**408,228**	**399,648**	**670**	**0**	**404**	**0**	**4,962**	**4,064**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2013																							**1,457,817**	**497,827**	**265**	**0**	**384**	**0**	**296**	**6,783**	**1**	**6,100**	**73**	**0**	**0**	**0**	
	Distribution Rate in 2013																							$0.01780	$0.01360	$2.92150	$3.96940	$3.96940	$3.96940	$1.79330	$22.12610	$14.75230	$0.10760	$3.82430	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2013 from 2011 programs																							$8,542.23	$4,469.82	$1,398.04	$2,454.09	$0.00	$49.18	$176.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17,089.74
	Lost Revenue in 2013 from 2012 programs																							$6,632.99	$6,992.32	$0.00	$1,857.92	$0.00	$9.51	$6,843.30	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$22,336.04
	Lost Revenue in 2013 from 2013 programs																							$7,266.45	$5,435.21	$1,957.92	$0.00	$1,603.14	$0.00	$8,898.52	$89,927.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$115,088.91
	Total Lost Revenues in 2013																							**$22,441.68**	**$16,897.36**	**$3,355.96**	**$4,312.00**	**$1,603.14**	**$58.69**	**$15,918.19**	**$89,927.67**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$154,514.69**
	Forecast Lost Revenues in 2013																							**$25,949.14**	**$6,770.45**	**$774.20**	**$0.00**	**$1,524.25**	**$0.00**	**$530.82**	**$150,081.34**	**$14.75**	**$656.36**	**$279.17**	**$0.00**	**$0.00**	**$0.00**	**$186,580.48**
	LRAMVA in 2013																																					**-$32,065.79**
	2013 Savings Persisting in 2014																							405,500	399,519	669	0	403	0	4,960	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2015																							400,539	388,238	669	0	403	0	4,352	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2016																							348,537	344,076	665	0	400	0	3,939	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2017																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: kWh for streetlighting have been removed from Retrofit program as streetlighting is calculated separately based on bill changes

Table 4-d. 2014 Lost Revenues Work Form

Return to Top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
1	Appliance Retirement	Verified	71,153	71,153	71,153									11	11	11								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	13,300	13,300	13,300									7	7	7								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	200,758	200,758	200,758									107	107	107								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	100,435	93,583	90,274									8	7	7								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	434,469	376,897	346,894									28	25	23								100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																					
10	Retrofit	Verified	1,320,812	1,320,812	1,320,812								12	250	250	250								0.00%	12.37%	30.51%	0.00%	26.68%	0.00%	30.44%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0	0	0								12	0	0	0								0.00%	12.37%	30.51%	0.00%	26.68%	0.00%	30.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	522,792	512,560	413,073								12	132	129	106								0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0	0	0								12	0	0	0								0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified	0	0	0								3	0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0	0	0								3	0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	0	0	0								12	0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0	0	0								12	0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	0	0	0								12	0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0	0	0								12	0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0	0	0									0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0	0	0									0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0	0	0									0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0	0	0									0	0	0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

#	Program	Type							
	Industrial Program								
18	Process & System Upgrades	Verified	5,195,250	5,195,250	5,195,250	12	593	593	593
	Adjustment to 2014 savings	True-up	0	0	0	12	0	0	0
19	Monitoring & Targeting	Verified	0	0	0	12	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	12	0	0	0
20	Energy Manager	Verified	876,960	876,960	280,800	12	182	182	31
	Adjustment to 2014 savings	True-up	0	0	0	12	0	0	0
21	Retrofit	Verified	0	0	0	12	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	12	0	0	0
22	Demand Response 3	Verified	0	0	0		81	0	0
	Adjustment to 2014 savings	True-up	0	0	0		0	0	0
	Home Assistance Program								
23	Home Assistance Program	Verified	55,233	55,213	55,213		4	4	3
	Adjustment to 2014 savings	True-up	0	0	0		0	0	0
	Aboriginal Program								
24	Home Assistance Program	Verified	0	0	0		0	0	0
	Adjustment to 2014 savings	True-up	0	0	0		0	0	0
25	Direct Install Lighting	Verified	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0
	Pre-2011 Programs completed in 2011								
26	Electricity Retrofit Incentive Program	Verified	0	0	0	12	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	12	0	0	0
27	High Performance New Construction	Verified	0	0	0	12	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	12	0	0	0
28	Toronto Comprehensive	Verified	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0
30	LDC Custom Programs	Verified	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0
	Other								
31	Program Enabled Savings	Verified	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0
32	Time of Use Savings	Verified	0	0	0	0	215	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0
33	LDC Pilots	Verified				0			
	Adjustment to 2014 savings	True-up				0			
	Actual CDM Savings in 2014		**8,791,161**				**1,619**		
	Forecast CDM Savings in 2014								

#	Program	Type															
18	Process & System Upgrades	Verified	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Home Assistance Program	Verified	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%				100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Home Assistance Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Electricity Retrofit Incentive Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Program Enabled Savings	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified															0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**875,348**	**686,184**	**916**	**0**	**7,920**	**0**	**3,096**	**4,897**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2014		**1,457,817**	**497,827**	**265**	**0**	**384**	**0**	**296**	**6,783**	**1**	**6,100**	**73**	**0**	**0**	**0**	
	Distribution Rate in 2014		$0.01790	$0.01370	$2.94860	$4.00680	$4.00680	$4.00680	$1.81020	$22.33650	$14.89310	$0.10860	$3.86050	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2014 from 2011 programs		$8,538.17	$3,747.19	$1,411.01	$2,477.21	$0.00	$49.64	$178.04	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16,401.26
	Lost Revenue in 2014 from 2012 programs		$6,662.54	$7,005.08	$0.00	$1,825.82	$0.00	$9.60	$6,755.79	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$22,258.83
	Lost Revenue in 2014 from 2013 programs		$7,258.45	$5,473.42	$1,973.19	$0.00	$1,615.45	$0.00	$8,977.99	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$25,298.49
	Lost Revenue in 2014 from 2014 programs		$15,668.72	$9,400.72	$2,701.35	$0.00	$31,735.33	$0.00	$5,604.25	$109,381.07	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$174,491.44
	Total Lost Revenues in 2014		**$38,127.87**	**$25,626.40**	**$6,085.54**	**$4,303.03**	**$33,350.78**	**$59.25**	**$21,516.07**	**$109,381.07**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$238,450.02**
	Forecast Lost Revenues in 2014		**$26,094.92**	**$6,820.23**	**$781.38**	**$0.00**	**$1,538.61**	**$0.00**	**$535.82**	**$151,508.48**	**$14.89**	**$662.46**	**$281.82**	**$0.00**	**$0.00**	**$0.00**	**$188,238.61**
	LRAMVA in 2014																**$50,211.41**
	2014 Savings Persisting in 2015		810,904	675,952	916	0	7,920	0	3,096	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2016		777,591	576,465	916	0	7,920	0	1,288	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2020		0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Ontario Energy Board

LRA

Determinati

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate
program each year.

Allocations are shown on Tab 4 and 5. Allocations are based on project specific information where
For example, for 2011-2015, ETPL examined the IESO project database and allocated individual pro
For 2016, IESO provided a separate spreadsheet with individual project data and net kW and kWh s
Because they are treated separately, as a special case, kWh savings from streetlights were subtract
% of kWh attributable to rate classes were used for rate classes billed by kWh, and % of kW savings

AMVA Work Form:
ion of Rate Class Allocations

e classes, including supporting documentation and rationale for its proposal. This should be s

available.
jects to rate classes and calculated the share of kW and kWh based on the estimated gross savings (the only d
savings and this was used for the allocation.
ted from Retrofit kWh savings
s were used for classes billed by kW. Consequently, the sum of the allocation may not total to 100%

Version 2.0 (2017)

shown by customer class and

ata available)

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 2.0 (2017)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 5-a. 2015 Lost Revenues
Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues
Table 5-e. 2019 Lost Revenues
Table 5-f. 2020 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

#	Program	Results Status	Net Energy Savings (kWh) 2015	Net Energy Savings Persistence (kWh) 2016	2017	2018	2019	2020	2021	2022	2023	2024	Monthly Multiplier	Net Demand Savings (kW) 2015	Net Peak Demand Savings Persistence (kW) 2016	2017	2018	2019	2020	2021	2022	2023	2024
	Legacy Framework																						
	Residential Program																						
1	Coupon Initiative	Verified	110,197	109,167	109,167	109,167	109,167	109,167						7	7	7	7	7	7				
	Adjustment to 2015 savings	True-up	2,245	2,217	2,217	2,217	2,217	2,217						0	0	0	0	0	0				
2	Bi-Annual Retailer Event Initiative	Verified	314,138	308,535	308,535	308,535	308,535	308,535						21	21	21	21	21	21				
	Adjustment to 2015 savings	True-up	725	719	719	719	719	719						0	0	0	0	0	0				
3	Appliance Retirement Initiative	Verified	38,491	38,491	38,491	38,491	38,491	38,491						6	6	6	6	3	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0						0	0	0	0	0	0				
4	HVAC Incentives Initaitive	Verified	165,711	165,711	165,711	165,711	165,711	165,711						86	86	86	86	86	86				
	Adjustment to 2015 savings	True-up	3,308	3,308	3,308	3,308	3,308	3,308						2	2	2	2	2	2				
5	Residential New Construction and Major	Verified	16,853	16,853	16,853	16,853	16,853	16,853						5	5	5	5	5	5				
	Adjustment to 2015 savings	True-up	34,777	34,777	34,777	34,777	34,777	34,777						2	2	2	2	2	2				
	Commercial & Institutional Program																						
6	Energy Audit Initiative	Verified	498,894	498,894	498,894	498,894	0	0					12	106	106	106	106	0	0				
	Adjustment to 2015 savings	True-up	33,571	33,571	33,571	33,571	532,466	532,466					12	7	7	7	7	114	114				
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	2,263,033	#######	#######	#######	#######	#######					12	414	414	397	397	397	397				
	Adjustment to 2015 savings	True-up	62,843	62,843	62,843	62,843	62,843	62,843					12	4	4	4	4	4	4				
8	Direct Install Lighting and Water Heating Initiative	Verified	137,291	123,187	64,080	63,790	63,790	63,790					12	34	31	15	15	15	15				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
9	New Construction and Major Renovation Initiative	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
10	Existing Building Commissioning Incentive Initiative	Verified	0	0	0	0	0	0					3	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					3	0	0	0	0	0	0				
	Industrial Program																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	1,976,348	#######	#######	#######	#######	#######					12	372	372	372	372	372	372				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Low Income Program																						
14	Low Income Initiative	Verified	69,013	54,769	52,128	49,487	49,487	49,487					12	6	5	5	5	5	5				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					12	0	0	0	0	0	0				
	Other																						
15	Aboriginal Conservation Program	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				
16	Program Enabled Savings	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				
	Conservation Fund Pilots																						
17	Conservation Fund Pilot - EnerNOC	Verified	0	0	0	0	0	0					0	0	0	0	0	0	0				
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0					0	0	0	0	0	0	0				

#	Program	Results Status	Rate Allocations for LRAMVA: Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
	Legacy Framework		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
	Residential Program																
1	Coupon Initiative	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initaitive	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																
6	Energy Audit Initiative	Verified	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	0.00%	8.77%	46.18%	0.00%	24.55%	0.00%	20.21%	0.00%	0.2969%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	0.00%	8.77%	46.18%	0.00%	24.55%	0.00%	20.21%	0.00%	0.30%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																
14	Low Income Initiative	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
15	Aboriginal Conservation Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																
17	Conservation Fund Pilot - EnerNOC	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

18	Loblaws Pilot	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pliot	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																													
	Residential Province-Wide Programs																													
21	Save on Energy Coupon Program	Verified	78,448	77,676	77,676	77,676	77,676	77,676		5	5	5	5	5	5	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	28,978	28,548	28,548	28,548	28,548	28,548		2	2	2	2	2	2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling	Verified	11,944	11,944	11,944	11,944	11,944	11,944		6	6	6	6	6	6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	645	645	645	645	645	645		0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified	0	0	0	0	0	0		0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0		0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified	0	0	0	0	0	0		0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0		0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																													
25	Save on Energy Audit Funding Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	256,812	256,812	256,812	256,812	256,812	256,812	12	43	43	43	43	43	43	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified	0	0	0	0	0	0	3	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	3	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	12	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																													
33	Business Refrigeration Local Program	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2015 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																													
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																												0%
	Adjustment to 2015 savings	True-up														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified							0																					0%
	Adjustment to 2015 savings	True-up							0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

			Net Energy Savings (kWh)	Monthly Multiplier	Net Demand Savings (kW)															
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2015		**6,104,265**		**1,128**	**875,473**	**341,241**	**3,672**	**0**	**1,231**	**0**	**5,478**	**6,696**	**15**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2015					**1,457,817**	**497,827**	**265**	**0**	**384**	**0**	**296**	**6,783**	**1**	**6,100**	**73**	**0**	**0**	**0**	
	Distribution Rate in 2015					$0.01810	$0.01390	$2.98670	$4.05890	$4.05890	$4.05890	$1.83360	$22.62830	$15.08830	$0.10990	$3.91080	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2015 from 2011 programs					$7,786.15	$3,801.89	$1,429.24	$2,509.42	$0.00	$50.29	$180.34	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$15,757.33
	Lost Revenue in 2015 from 2012 programs					$6,711.24	$6,067.44	$0.00	$1,745.71	$0.00	$9.73	$6,578.19	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21,112.31
	Lost Revenue in 2015 from 2013 programs					$7,249.75	$5,396.51	$1,998.28	$0.00	$1,636.06	$0.00	$7,980.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24,260.97
	Lost Revenue in 2015 from 2014 programs					$14,677.36	$9,395.73	$2,736.26	$0.00	$32,147.99	$0.00	$5,676.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$64,634.03
	Lost Revenue in 2015 from 2015 programs					$15,846.06	$4,743.25	$10,968.08	$0.00	$4,998.08	$0.00	$10,043.68	$151,519.24	$224.68	$0.00	$0.00	$0.00	$0.00	$0.00	$198,343.07
	Total Lost Revenues in 2015					**$52,270.56**	**$29,404.82**	**$17,131.86**	**$4,255.14**	**$38,782.13**	**$60.02**	**$30,459.27**	**$151,519.24**	**$224.68**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$324,107.71**
	Forecast Lost Revenues in 2015					**$26,386.49**	**$6,919.80**	**$791.48**	**$0.00**	**$1,558.62**	**$0.00**	**$542.75**	**$153,487.76**	**$15.09**	**$670.39**	**$285.49**	**$0.00**	**$0.00**	**$0.00**	**$190,657.85**
	LRAMVA in 2015																			**$133,449.87**
	2015 Savings Persisting in 2016					853,360	327,137	3,672	0	1,231	0	5,478	0	14.89	0	0	0	0	0	
	2015 Savings Persisting in 2017					850,719	263,561	3,578	0	1,181	0	5,436	0	14	0	0	0	0	0	
	2015 Savings Persisting in 2018					848,078	263,271	3,578	0	1,181	0	5,436	0	14	0	0	0	0	0	
	2015 Savings Persisting in 2019					848,078	263,271	3,590	0	1,181	0	5,436	0	14	0	0	0	0	0	
	2015 Savings Persisting in 2020					848,078	263,162	3,590	0	1,181	0	5,436	0	14	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

Return to top

#	Program	Results Status	Net Energy Savings (kWh) 2016	Net Energy Savings Persistence (kWh) 2017	2018	2019	2020	2021	2022	2023	2024	2025	Monthly Multiplier	Net Demand Savings (kW) 2016	Net Peak Demand Savings Persistence (kW) 2017	2018	2019	2020	2021	2022	2023	2024	2025
	Legacy Framework																						
	Residential Program																						
1	Coupon Initiative	Verified	0	0	0	0	0							0	0	0	0	0					
	Adjustment to 2016 savings	True-up																					
2	Bi-Annual Retailer Event Initiative	Verified	0	0	0	0	0							0	0	0	0	0					
	Adjustment to 2016 savings	True-up																					
3	Appliance Retirement Initiative	Verified	0	0	0	0	0							0	0	0	0	0					
	Adjustment to 2016 savings	True-up																					
4	HVAC Incentives Intaitive	Verified	0	0	0	0	0							0	0	0	0	0					
	Adjustment to 2016 savings	True-up																					
5	Residential New Construction and Major Renovation Initiative	Verified	0	0	0	0	0							0	0	0	0	0					
	Adjustment to 2016 savings	True-up																					
	Commercial & Institutional Program																						
6	Energy Audit Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
8	Direct Install Lighting and Water Heating Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
9	New Construction and Major Renovation Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
10	Existing Building Commissioning Incentive Initiative	Verified	0	0	0	0	0						3	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											3										
	Industrial Program																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
	Low Income Program																						
14	Low Income Initiative	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
	Other																						
15	Aboriginal Conservation Program	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
16	Program Enabled Savings	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
	Conservation Fund Pilots																						
17	Conservation Fund Pilot - EnerNOC	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
18	Loblaws Pilot	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
19	Conservation Fund Pilot - SEG	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
20	Social Benchmarking Pliot	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
	Conservation First Framework																						
	Residential Province-Wide Programs																						
21	Save on Energy Coupon Program	Verified	1,352,728	#######	#######	#######	#######							88	88	88	88	88					
	Adjustment to 2016 savings	True-up																					
22	Save on Energy Heating and Cooling	Verified	233,416	233,416	233,416	233,416	233,416							68	68	68	68	68					
	Adjustment to 2016 savings	True-up																					
23	Save on Energy New Construction Program	Verified	0	0	0	0	0							0	0	0	0	0					

#	Program	Results Status	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
	Legacy Framework		kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
	Residential Program																
1	Coupon Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Intaitive	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major Renovation Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																
6	Energy Audit Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																
14	Low Income Initiative	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
15	Aboriginal Conservation Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																
17	Conservation Fund Pilot - EnerNOC	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pliot	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																
	Residential Province-Wide Programs																
21	Save on Energy Coupon Program	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2016 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling	Verified	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				100%
	Adjustment to 2016 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%

#	Program	Results Status																				
	Adjustment to 2016 savings	True-up																					
24	Save on Energy Home Assistance Program	Verified	0	0	0	0	0							0	0	0	0	0					
	Adjustment to 2016 savings	True-up																					
	Non-Residential Province-Wide Programs																						
25	Save on Energy Audit Funding Program	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
26	Save on Energy Retrofit Program	Verified	988,055	963,110	963,110	963,110	963,110						12	138	133	133	133	133					
	Adjustment to 2016 savings	True-up											12										
27	Save on Energy Small Business Lighting Program	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
28	Save on Energy High Performance New Construction Program	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
29	Save on Energy Existing Building Commissioning Program	Verified	0	0	0	0	0						3	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											3										
30	Save on Energy Process & Systems Upgrades Program	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
31	Save on Energy Monitoring & Targeting Program	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
32	Save on Energy Energy Manager Program	Verified	0	0	0	0	0						12	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											12										
	Local & Regional Programs																						
33	Business Refrigeration Local Program	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
34	First Nation Conservation Local Program	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
35	Social Benchmarking Local Program	Verified	0	0	0	0	0						0	0	0	0	0	0					
	Adjustment to 2016 savings	True-up											0										
	Pilot Programs																						
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											0										
	Adjustment to 2016 savings	True-up											0										
37	EnWin Utilities Ltd. - Building Optimization	Verified											0										
	Adjustment to 2016 savings	True-up											0										
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											0										
	Adjustment to 2016 savings	True-up											0										
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											0										
	Adjustment to 2016 savings	True-up											0										
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											0										
	Adjustment to 2016 savings	True-up											0										
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											0										
	Adjustment to 2016 savings	True-up											0										
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																					
	Adjustment to 2016 savings	True-up																					
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											0										
	Adjustment to 2016 savings	True-up											0										
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											0										
	Adjustment to 2016 savings	True-up											0										
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											0										
	Adjustment to 2016 savings	True-up											0										
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											0										
	Adjustment to 2016 savings	True-up											0										
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											0										
	Adjustment to 2016 savings	True-up											0										
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											0										
	Adjustment to 2016 savings	True-up											0										
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											0										
	Adjustment to 2016 savings	True-up											0										
	Actual CDM Savings in 2016		**2,574,199**											**294**									
	Forecast CDM Savings in 2016																						

#	Program	Results Status															
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																
25	Save on Energy Audit Funding Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified	0.00%	32.11%	52.07%	0.00%	0.00%	0.00%	7.10%	0.00%	0.00%	0.00%	0.00%				91%
	Adjustment to 2016 savings	True-up	0.00%	32.11%	52.07%	0.00%	0.00%	0.00%	7.10%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																
33	Business Refrigeration Local Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2016		**1,586,144**	**317,252**	**862**	**0**	**0**	**0**	**118**	**6,727**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2016		**1,457,817**	**497,827**	**265**	**0**	**384**	**0**	**296**	**6,783**	**1**	**6,100**	**73**	**0**	**0**	**0**	
	Distribution Rate in 2016		$0.01530	$0.01420	$3.03550	$4.12520	$4.12520	$4.12520	$1.86360	$22.99820	$15.33500	$0.11170	$3.97470	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2016 from 2011 programs		$4,955.80	$3,532.94	$952.33	$1,903.45	$0.00	$7.00	$183.29	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11,534.81
	Lost Revenue in 2016 from 2012 programs		$4,482.26	$5,748.21	$0.00	$1,774.23	$0.00	$9.89	$4,501.29	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16,515.88
	Lost Revenue in 2016 from 2013 programs		$5,332.62	$4,885.89	$2,017.72	$0.00	$1,650.14	$0.00	$7,340.26	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21,226.62
	Lost Revenue in 2016 from 2014 programs		$11,897.15	$8,185.80	$2,780.96	$0.00	$32,673.11	$0.00	$2,399.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$57,936.55
	Lost Revenue in 2016 from 2015 programs		$13,056.41	$4,645.34	$11,147.29	$0.00	$5,079.72	$0.00	$10,208.01	$0.00	$228.35	$0.00	$0.00	$0.00	$0.00	$0.00	$44,365.12
	Lost Revenue in 2016 from 2016 programs		$24,268.00	$4,504.97	$2,617.68	$0.00	$0.00	$0.00	$219.15	$154,697.65	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$186,307.45
	Total Lost Revenues in 2016		**$63,992.24**	**$31,503.15**	**$19,515.98**	**$3,677.68**	**$39,402.97**	**$16.89**	**$24,851.53**	**$154,697.65**	**$228.35**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$337,886.44**
	Forecast Lost Revenues in 2016		**$22,304.60**	**$7,069.14**	**$804.41**	**$0.00**	**$1,584.08**	**$0.00**	**$551.63**	**$155,996.79**	**$15.34**	**$681.37**	**$290.15**	**$0.00**	**$0.00**	**$0.00**	**$189,297.50**
	LRAMVA in 2016																**$148,588.94**
	2016 Savings Persisting in 2017		1,586,144	309,242	831	0	0	0	113	0	0	0	0	0	0	0	

2016 Savings Persisting in 2018	1,586,144	309,242	831	0	0	0	113	0	0	0	0	0	0	0	
2016 Savings Persisting in 2019	1,586,144	309,242	831	0	0	0	113	0	0	0	0	0	0	0	
2016 Savings Persisting in 2020	1,586,144	309,242	831	0	0	0	113	0	0	0	0	0	0	0	

Note: kWh for streetlighting have been removed from Retrofit program as streetlighting is calculated separately based on bill changes

Table 5-c. 2017 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Legacy Framework																						
Actual CDM Savings in 2017		0											0									
Forecast CDM Savings in 2017																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
Legacy Framework	kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
Actual CDM Savings in 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2017	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2017 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2017 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2017 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2017 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2017 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2017 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2017 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2017	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Forecast Lost Revenues in 2017	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
LRAMVA in 2017															$0.00
2017 Savings Persisting in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017 Savings Persisting in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Legacy Framework																						
Actual CDM Savings in 2018		0											0									
Forecast CDM Savings in 2018																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
Legacy Framework	kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
Actual CDM Savings in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2018	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2018 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2018 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2018	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Forecast Lost Revenues in 2018	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
LRAMVA in 2018															$0.00
2018 Savings Persisting in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: kWh for streetlighting have been removed from Retrofit program as streetlighting is calculated separately based on bill changes

Table 5-e. 2019 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Legacy Framework																						
Actual CDM Savings in 2019		0											0									
Forecast CDM Savings in 2019																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
Legacy Framework	kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
Actual CDM Savings in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2019	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2019 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2018 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2019 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2019	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Forecast Lost Revenues in 2019	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
LRAMVA in 2019															$0.00
2019 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Legacy Framework																						
Actual CDM Savings in 2020		0											0									
Forecast CDM Savings in 2020																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
Legacy Framework	kWh	kWh	kW	kW	kW	kW	kW	kW	kW	kWh	kW	0	0	0	
Actual CDM Savings in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forecast CDM Savings in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Distribution Rate in 2020	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2020 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2018 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2019 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2020 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2020	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Forecast Lost Revenues in 2020	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
LRAMVA in 2020															$0.00

Note: LDC to make note of key assumptions included above

Return to top

Ontario Energy Board

LRAMVA Work Form:
Carrying Charges by Rate Class

Version 2.0 (2017)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principle will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.10%
2018 Q1	1.10%
2018 Q2	
2018 Q3	
2018 Q4	
2019 Q1	
2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

Check OEB website

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	GS 50 to 999 kW	GS 1,000 to 2,999 kW	GS 1,000 to 4,999 kW	GS 3,000 to 4,999 kW	Large Use	Street Lighting	Sentinel Lighting	Unmetered Scattered Load	Embedded Distributor				Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.61	$0.30	$0.06	$0.15	$0.00	$0.00	$0.02	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1.14
Mar-11	2011	Q1	0.12%	$1.21	$0.60	$0.11	$0.31	$0.00	$0.00	$0.04	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2.28
Apr-11	2011	Q2	0.12%	$1.82	$0.90	$0.17	$0.46	$0.00	$0.00	$0.06	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3.41
May-11	2011	Q2	0.12%	$2.43	$1.20	$0.22	$0.61	$0.00	$0.00	$0.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4.55
Jun-11	2011	Q2	0.12%	$3.04	$1.51	$0.28	$0.77	$0.00	$0.01	$0.10	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5.69
Jul-11	2011	Q3	0.12%	$3.64	$1.81	$0.33	$0.92	$0.00	$0.01	$0.12	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6.83
Aug-11	2011	Q3	0.12%	$4.25	$2.11	$0.39	$1.07	$0.00	$0.01	$0.14	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.97
Sep-11	2011	Q3	0.12%	$4.86	$2.41	$0.44	$1.22	$0.00	$0.01	$0.16	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9.10
Oct-11	2011	Q4	0.12%	$5.47	$2.71	$0.50	$1.38	$0.00	$0.01	$0.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10.24
Nov-11	2011	Q4	0.12%	$6.07	$3.01	$0.55	$1.53	$0.00	$0.01	$0.20	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11.38
Dec-11	2011	Q4	0.12%	$6.68	$3.31	$0.61	$1.68	$0.00	$0.01	$0.22	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$12.52
Total for 2011				**$40.09**	**$19.87**	**$3.66**	**$10.10**	**$0.00**	**$0.07**	**$1.31**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$75.11**
Amount Cleared																		
Opening Balance for 2012				**$40.09**	**$19.87**	**$3.66**	**$10.10**	**$0.00**	**$0.07**	**$1.31**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$75.11**
Jan-12	2011-2012	Q1	0.12%	$7.29	$3.61	$0.67	$1.84	$0.00	$0.01	$0.24	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$13.66
Feb-12	2011-2012	Q1	0.12%	$8.37	$4.39	$0.72	$2.11	$0.00	$0.01	$1.05	$0.79	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17.44
Mar-12	2011-2012	Q1	0.12%	$9.45	$5.16	$0.78	$2.38	$0.00	$0.02	$1.86	$1.59	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21.23
Apr-12	2011-2012	Q2	0.12%	$10.53	$5.93	$0.83	$2.66	$0.00	$0.02	$2.67	$2.38	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$25.01
May-12	2011-2012	Q2	0.12%	$11.61	$6.70	$0.89	$2.93	$0.00	$0.02	$3.48	$3.17	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$28.80
Jun-12	2011-2012	Q2	0.12%	$12.69	$7.47	$0.94	$3.20	$0.00	$0.02	$4.29	$3.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$32.58
Jul-12	2011-2012	Q3	0.12%	$13.76	$8.25	$1.00	$3.48	$0.00	$0.02	$5.10	$4.76	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$36.37
Aug-12	2011-2012	Q3	0.12%	$14.84	$9.02	$1.05	$3.75	$0.00	$0.02	$5.91	$5.56	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40.15
Sep-12	2011-2012	Q3	0.12%	$15.92	$9.79	$1.11	$4.02	$0.00	$0.02	$6.72	$6.35	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$43.94
Oct-12	2011-2012	Q4	0.12%	$17.00	$10.56	$1.16	$4.30	$0.00	$0.03	$7.53	$7.14	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$47.72
Nov-12	2011-2012	Q4	0.12%	$18.08	$11.34	$1.22	$4.57	$0.00	$0.03	$8.34	$7.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$51.51
Dec-12	2011-2012	Q4	0.12%	$19.16	$12.11	$1.27	$4.85	$0.00	$0.03	$9.15	$8.73	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.29
Total for 2012				**$198.80**	**$114.20**	**$15.30**	**$50.20**	**$0.00**	**$0.32**	**$57.60**	**$52.38**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$488.80**
Amount Cleared																		
Opening Balance for 2013				**$198.80**	**$114.20**	**$15.30**	**$50.20**	**$0.00**	**$0.32**	**$57.60**	**$52.38**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$488.80**
Jan-13	2011-2013	Q1	0.12%	$20.24	$12.88	$1.33	$5.12	$0.00	$0.03	$9.96	$9.52	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$59.08
Feb-13	2011-2013	Q1	0.12%	$19.88	$13.91	$1.59	$5.56	$0.01	$0.04	$11.53	$3.38	$0.00	-$0.07	-$0.03	$0.00	$0.00	$0.00	$55.80
Mar-13	2011-2013	Q1	0.12%	$19.52	$14.95	$1.86	$6.00	$0.02	$0.04	$13.10	-$2.76	$0.00	-$0.13	-$0.06	$0.00	$0.00	$0.00	$52.53
Apr-13	2011-2013	Q2	0.12%	$19.17	$15.98	$2.12	$6.44	$0.02	$0.05	$14.67	-$8.90	$0.00	-$0.20	-$0.09	$0.00	$0.00	$0.00	$49.26
May-13	2011-2013	Q2	0.12%	$18.81	$17.02	$2.38	$6.88	$0.03	$0.05	$16.24	-$15.04	-$0.01	-$0.27	-$0.11	$0.00	$0.00	$0.00	$45.98
Jun-13	2011-2013	Q2	0.12%	$18.45	$18.05	$2.65	$7.32	$0.04	$0.06	$17.81	-$21.18	-$0.01	-$0.34	-$0.14	$0.00	$0.00	$0.00	$42.71
Jul-13	2011-2013	Q3	0.12%	$18.09	$19.08	$2.91	$7.76	$0.05	$0.07	$19.38	-$27.32	-$0.01	-$0.40	-$0.17	$0.00	$0.00	$0.00	$39.44
Aug-13	2011-2013	Q3	0.12%	$17.73	$20.12	$3.17	$8.20	$0.06	$0.07	$20.95	-$33.46	-$0.01	-$0.47	-$0.20	$0.00	$0.00	$0.00	$36.16
Sep-13	2011-2013	Q3	0.12%	$17.38	$21.15	$3.44	$8.64	$0.06	$0.08	$22.52	-$39.60	-$0.01	-$0.54	-$0.23	$0.00	$0.00	$0.00	$32.89
Oct-13	2011-2013	Q4	0.12%	$17.02	$22.18	$3.70	$9.08	$0.07	$0.08	$24.09	-$45.74	-$0.01	-$0.60	-$0.26	$0.00	$0.00	$0.00	$29.62
Nov-13	2011-2013	Q4	0.12%	$16.66	$23.22	$3.97	$9.52	$0.08	$0.09	$25.66	-$51.88	-$0.02	-$0.67	-$0.28	$0.00	$0.00	$0.00	$26.34
Dec-13	2011-2013	Q4	0.12%	$16.30	$24.25	$4.23	$9.96	$0.09	$0.09	$27.23	-$58.02	-$0.02	-$0.74	-$0.31	$0.00	$0.00	$0.00	$23.07
Total for 2013				**$418.04**	**$336.99**	**$48.65**	**$140.67**	**$0.53**	**$1.06**	**$280.74**	**-$238.62**	**-$0.10**	**-$4.42**	**-$1.88**	**$0.00**	**$0.00**	**$0.00**	**$981.67**
Amount Cleared																		
Opening Balance for 2014				**$418.04**	**$336.99**	**$48.65**	**$140.67**	**$0.53**	**$1.06**	**$280.74**	**-$238.62**	**-$0.10**	**-$4.42**	**-$1.88**	**$0.00**	**$0.00**	**$0.00**	**$981.67**
Jan-14	2011-2014	Q1	0.12%	$15.94	$25.29	$4.49	$10.40	$0.10	$0.10	$28.80	-$64.16	-$0.02	-$0.80	-$0.34	$0.00	$0.00	$0.00	$19.80
Feb-14	2011-2014	Q1	0.12%	$17.17	$27.21	$5.03	$10.84	$3.34	$0.11	$30.95	-$68.46	-$0.02	-$0.87	-$0.37	$0.00	$0.00	$0.00	$24.92
Mar-14	2011-2014	Q1	0.12%	$18.40	$29.13	$5.58	$11.28	$6.59	$0.11	$33.09	-$72.77	-$0.02	-$0.94	-$0.40	$0.00	$0.00	$0.00	$30.05
Apr-14	2011-2014	Q2	0.12%	$19.63	$31.05	$6.12	$11.72	$9.84	$0.12	$35.23	-$77.07	-$0.02	-$1.01	-$0.43	$0.00	$0.00	$0.00	$35.17
May-14	2011-2014	Q2	0.12%	$20.86	$32.96	$6.66	$12.16	$13.09	$0.13	$37.37	-$81.37	-$0.02	-$1.07	-$0.46	$0.00	$0.00	$0.00	$40.30
Jun-14	2011-2014	Q2	0.12%	$22.08	$34.88	$7.20	$12.60	$16.33	$0.13	$39.51	-$85.67	-$0.03	-$1.14	-$0.49	$0.00	$0.00	$0.00	$45.42
Jul-14	2011-2014	Q3	0.12%	$23.31	$36.80	$7.74	$13.04	$19.58	$0.14	$41.65	-$89.97	-$0.03	-$1.21	-$0.51	$0.00	$0.00	$0.00	$50.55
Aug-14	2011-2014	Q3	0.12%	$24.54	$38.72	$8.28	$13.48	$22.83	$0.14	$43.80	-$94.27	-$0.03	-$1.28	-$0.54	$0.00	$0.00	$0.00	$55.68
Sep-14	2011-2014	Q3	0.12%	$25.77	$40.64	$8.82	$13.91	$26.08	$0.15	$45.94	-$98.57	-$0.03	-$1.35	-$0.57	$0.00	$0.00	$0.00	$60.80
Oct-14	2011-2014	Q4	0.12%	$27.00	$42.56	$9.37	$14.35	$29.32	$0.16	$48.08	-$102.87	-$0.03	-$1.41	-$0.60	$0.00	$0.00	$0.00	$65.93
Nov-14	2011-2014	Q4	0.12%	$28.23	$44.48	$9.91	$14.79	$32.57	$0.16	$50.22	-$107.17	-$0.03	-$1.48	-$0.63	$0.00	$0.00	$0.00	$71.05
Dec-14	2011-2014	Q4	0.12%	$29.46	$46.40	$10.45	$15.23	$35.82	$0.17	$52.36	-$111.47	-$0.03	-$1.55	-$0.66	$0.00	$0.00	$0.00	$76.18
Total for 2014				**$690.43**	**$767.13**	**$138.30**	**$294.47**	**$216.03**	**$2.67**	**$767.74**	**-$1,292.42**	**-$0.42**	**-$18.53**	**-$7.88**	**$0.00**	**$0.00**	**$0.00**	**$1,557.52**
Amount Cleared																		
Opening Balance for 2015				**$690.43**	**$767.13**	**$138.30**	**$294.47**	**$216.03**	**$2.67**	**$767.74**	**-$1,292.42**	**-$0.42**	**-$18.53**	**-$7.88**	**$0.00**	**$0.00**	**$0.00**	**$1,557.52**
Jan-15	2011-2015	Q1	0.12%	$30.68	$48.32	$10.99	$15.67	$39.07	$0.17	$54.51	-$115.77	-$0.04	-$1.62	-$0.69	$0.00	$0.00	$0.00	$81.30
Feb-15	2011-2015	Q1	0.12%	$33.33	$50.62	$12.66	$16.11	$42.87	$0.18	$57.56	-$115.97	-$0.01	-$1.68	-$0.72	$0.00	$0.00	$0.00	$94.93
Mar-15	2011-2015	Q1	0.12%	$35.97	$52.91	$14.33	$16.54	$46.67	$0.19	$60.61	-$116.17	$0.01	-$1.75	-$0.75	$0.00	$0.00	$0.00	$108.55
Apr-15	2011-2015	Q2	0.09%	$28.89	$41.31	$11.97	$12.70	$37.76	$0.14	$47.64	-$87.08	$0.02	-$1.36	-$0.58	$0.00	$0.00	$0.00	$91.42
May-15	2011-2015	Q2	0.09%	$30.87	$43.03	$13.22	$13.03	$40.61	$0.15	$49.93	-$87.23	$0.04	-$1.41	-$0.60	$0.00	$0.00	$0.00	$101.62
Jun-15	2011-2015	Q2	0.09%	$32.85	$44.75	$14.46	$13.35	$43.45	$0.15	$52.21	-$87.38	$0.05	-$1.46	-$0.62	$0.00	$0.00	$0.00	$111.81

Jul-15	2011-2015	Q3	0.09%	$34.82	$46.47	$15.71	$13.68	$46.29	$0.16	$54.50	-$87.53	$0.07	-$1.52	-$0.65	$0.00	$0.00	$0.00	$122.00
Aug-15	2011-2015	Q3	0.09%	$36.80	$48.18	$16.96	$14.00	$49.14	$0.16	$56.78	-$87.68	$0.08	-$1.57	-$0.67	$0.00	$0.00	$0.00	$132.20
Sep-15	2011-2015	Q3	0.09%	$38.78	$49.90	$18.21	$14.33	$51.98	$0.17	$59.07	-$87.83	$0.10	-$1.62	-$0.69	$0.00	$0.00	$0.00	$142.39
Oct-15	2011-2015	Q4	0.09%	$40.76	$51.62	$19.46	$14.65	$54.82	$0.17	$61.35	-$87.98	$0.12	-$1.67	-$0.71	$0.00	$0.00	$0.00	$152.59
Nov-15	2011-2015	Q4	0.09%	$42.73	$53.34	$20.71	$14.98	$57.67	$0.18	$63.64	-$88.13	$0.13	-$1.72	-$0.73	$0.00	$0.00	$0.00	$162.78
Dec-15	2011-2015	Q4	0.09%	$44.71	$55.05	$21.95	$15.30	$60.51	$0.18	$65.92	-$88.28	$0.15	-$1.77	-$0.75	$0.00	$0.00	$0.00	$172.98
Total for 2015				**$1,121.62**	**$1,352.63**	**$328.92**	**$468.82**	**$786.86**	**$4.67**	**$1,451.47**	**-$2,429.48**	**$0.30**	**-$37.69**	**-$16.03**	**$0.00**	**$0.00**	**$0.00**	**$3,032.09**
Amount Cleared																		
Opening Balance for 2016				**$1,121.62**	**$1,352.63**	**$328.92**	**$468.82**	**$786.86**	**$4.67**	**$1,451.47**	**-$2,429.48**	**$0.30**	**-$37.69**	**-$16.03**	**$0.00**	**$0.00**	**$0.00**	**$3,032.09**
Jan-16	2011-2016	Q1	0.09%	$46.69	$56.77	$23.20	$15.63	$63.36	$0.18	$68.21	-$88.44	$0.16	-$1.82	-$0.78	$0.00	$0.00	$0.00	$183.17
Feb-16	2011-2016	Q1	0.09%	$49.87	$58.64	$24.63	$15.91	$66.24	$0.19	$70.07	-$88.53	$0.18	-$1.88	-$0.80	$0.00	$0.00	$0.00	$194.52
Mar-16	2011-2016	Q1	0.09%	$53.06	$60.50	$26.06	$16.19	$69.13	$0.19	$71.92	-$88.63	$0.20	-$1.93	-$0.82	$0.00	$0.00	$0.00	$205.87
Apr-16	2011-2016	Q2	0.09%	$56.24	$62.37	$27.49	$16.47	$72.02	$0.19	$73.78	-$88.73	$0.21	-$1.98	-$0.84	$0.00	$0.00	$0.00	$217.22
May-16	2011-2016	Q2	0.09%	$59.43	$64.24	$28.92	$16.75	$74.91	$0.19	$75.63	-$88.83	$0.23	-$2.03	-$0.86	$0.00	$0.00	$0.00	$228.57
Jun-16	2011-2016	Q2	0.09%	$62.61	$66.10	$30.35	$17.03	$77.80	$0.19	$77.49	-$88.93	$0.25	-$2.08	-$0.89	$0.00	$0.00	$0.00	$239.92
Jul-16	2011-2016	Q3	0.09%	$65.79	$67.97	$31.78	$17.31	$80.69	$0.19	$79.35	-$89.03	$0.26	-$2.14	-$0.91	$0.00	$0.00	$0.00	$251.27
Aug-16	2011-2016	Q3	0.09%	$68.98	$69.84	$33.21	$17.59	$83.58	$0.19	$81.20	-$89.13	$0.28	-$2.19	-$0.93	$0.00	$0.00	$0.00	$262.62
Sep-16	2011-2016	Q3	0.09%	$72.16	$71.70	$34.64	$17.88	$86.47	$0.20	$83.06	-$89.23	$0.30	-$2.24	-$0.95	$0.00	$0.00	$0.00	$273.97
Oct-16	2011-2016	Q4	0.09%	$75.35	$73.57	$36.07	$18.16	$89.36	$0.20	$84.92	-$89.33	$0.31	-$2.29	-$0.98	$0.00	$0.00	$0.00	$285.32
Nov-16	2011-2016	Q4	0.09%	$78.53	$75.44	$37.50	$18.44	$92.24	$0.20	$86.77	-$89.43	$0.33	-$2.34	-$1.00	$0.00	$0.00	$0.00	$296.67
Dec-16	2011-2016	Q4	0.09%	$81.72	$77.30	$38.93	$18.72	$95.13	$0.20	$88.63	-$89.53	$0.34	-$2.40	-$1.02	$0.00	$0.00	$0.00	$308.03
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Amount Cleared																		
Opening Balance for 2017				**$1,892.04**	**$2,157.08**	**$701.69**	**$674.89**	**$1,737.79**	**$6.97**	**$2,392.50**	**-$3,497.26**	**$3.36**	**-$63.01**	**-$26.81**	**$0.00**	**$0.00**	**$0.00**	**$5,979.26**
Jan-17	2011-2017	Q1	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Feb-17	2011-2017	Q1	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Mar-17	2011-2017	Q1	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Apr-17	2011-2017	Q2	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
May-17	2011-2017	Q2	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Jun-17	2011-2017	Q2	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Jul-17	2011-2017	Q3	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Aug-17	2011-2017	Q3	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Sep-17	2011-2017	Q3	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Oct-17	2011-2017	Q4	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Nov-17	2011-2017	Q4	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Dec-17	2011-2017	Q4	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Total for 2017				**$2,910.86**	**$3,107.11**	**$1,185.95**	**$902.88**	**$2,914.06**	**$9.38**	**$3,478.32**	**-$4,572.77**	**$7.68**	**-$92.39**	**-$39.31**	**$0.00**	**$0.00**	**$0.00**	**$9,811.77**
Amount Cleared																		
Opening Balance for 2018				**$2,910.86**	**$3,107.11**	**$1,185.95**	**$902.88**	**$2,914.06**	**$9.38**	**$3,478.32**	**-$4,572.77**	**$7.68**	**-$92.39**	**-$39.31**	**$0.00**	**$0.00**	**$0.00**	**$9,811.77**
Jan-18	2011-2018	Q1	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Feb-18	2011-2018	Q1	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Mar-18	2011-2018	Q1	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
Apr-18	2011-2018	Q2	0.09%	$84.90	$79.17	$40.35	$19.00	$98.02	$0.20	$90.48	-$89.63	$0.36	-$2.45	-$1.04	$0.00	$0.00	$0.00	$319.38
May-18	2011-2018	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-18	2011-2018	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-18	2011-2018	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-18	2011-2018	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-18	2011-2018	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-18	2011-2018	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-18	2011-2018	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-18	2011-2018	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2018				**$3,250.46**	**$3,423.79**	**$1,347.37**	**$978.88**	**$3,306.15**	**$10.18**	**$3,840.26**	**-$4,931.28**	**$9.12**	**-$102.18**	**-$43.48**	**$0.00**	**$0.00**	**$0.00**	**$11,089.27**
Amount Cleared																		
Opening Balance for 2019				**$3,250.46**	**$3,423.79**	**$1,347.37**	**$978.88**	**$3,306.15**	**$10.18**	**$3,840.26**	**-$4,931.28**	**$9.12**	**-$102.18**	**-$43.48**	**$0.00**	**$0.00**	**$0.00**	**$11,089.27**
Jan-19	2011-2019	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-19	2011-2019	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-19	2011-2019	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-19	2011-2019	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-19	2011-2019	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-19	2011-2019	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-19	2011-2019	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-19	2011-2019	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-19	2011-2019	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-19	2011-2019	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-19	2011-2019	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-19	2011-2019	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2019				**$3,250.46**	**$3,423.79**	**$1,347.37**	**$978.88**	**$3,306.15**	**$10.18**	**$3,840.26**	**-$4,931.28**	**$9.12**	**-$102.18**	**-$43.48**	**$0.00**	**$0.00**	**$0.00**	**$11,089.27**
Amount Cleared																		
Opening Balance for 2020				**$3,250.46**	**$3,423.79**	**$1,347.37**	**$978.88**	**$3,306.15**	**$10.18**	**$3,840.26**	**-$4,931.28**	**$9.12**	**-$102.18**	**-$43.48**	**$0.00**	**$0.00**	**$0.00**	**$11,089.27**
Jan-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-20	2011-2020	Q1	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-20	2011-2020	Q2	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-20	2011-2020	Q3	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-20	2011-2020	Q4	0.00%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2020				**$3,250.46**	**$3,423.79**	**$1,347.37**	**$978.88**	**$3,306.15**	**$10.18**	**$3,840.26**	**-$4,931.28**	**$9.12**	**-$102.18**	**-$43.48**	**$0.00**	**$0.00**	**$0.00**	**$11,089.27**
Amount Cleared																		

Ontario Energy Board

Supporting Documentation: LDC Persistence Savings Results from IESO

Version 2.0 (2017)

Legend

- User Inputs (Green)
- Drop Down List (Blue)
- Instructions (Grey)

Instructions *(Steps)*

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the dropdown list in Column I.

3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	#1					#3	#2	#4
Portfolio	Program	Initiative	LDC	Sector	Conservation Resource Type	(Implementation) Year	Identify Source of Report	Identify Status of Savings
Tier 1	Consumer	Appliance Exchange	Erie Thames Powerlines Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Consumer	Appliance Retirement	Erie Thames Powerlines Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Consumer	Bi-Annual Retailer Event	Erie Thames Powerlines Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Consumer	Conservation Instant Coupon Booklet	Erie Thames Powerlines Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Consumer	HVAC Incentives	Erie Thames Powerlines Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Consumer	Residential Demand Response	Erie Thames Powerlines Corporation	Residential	DR	2011	2011 Results Persistence	Current year savings
Tier 1	Consumer	Retailer Co-op	Erie Thames Powerlines Corporation	Residential	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Business	Demand Response 3 (part of the Industrial pro	Erie Thames Powerlines Corporation	Commercial & Institutional	DR	2011	2011 Results Persistence	Current year savings
Tier 1	Business	Direct Install Lighting	Erie Thames Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Business	Retrofit	Erie Thames Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Industrial	Demand Response 3	Erie Thames Powerlines Corporation	Industrial	DR	2011	2011 Results Persistence	Current year savings
Tier 1	Industrial	Retrofit	Erie Thames Powerlines Corporation	Industrial	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Pre-2011 Prog	Electricity Retrofit Incentive Program	Erie Thames Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Pre-2011 Prog	High Performance New Construction	Erie Thames Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence	Current year savings
Tier 1	Business	Direct Install Lighting	Erie Thames Powerlines Corporation	C&I	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Business	Retrofit	Erie Thames Powerlines Corporation	C&I	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Consumer	Appliance Exchange	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Consumer	Appliance Retirement	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Consumer	Bi-Annual Retailer Event	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Consumer	Conservation Instant Coupon Booklet	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Consumer	HVAC Incentives	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Home Assista	Home Assistance Program	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Industrial	Demand Response 3	Erie Thames Powerlines Corporation	Industrial	DR	2012	2012 Results Persistence	Current year savings
Tier 1	Pre-2011 Prog	High Performance New Construction	Erie Thames Powerlines Corporation	C&I	EE	2012	2012 Results Persistence	Current year savings
Tier 1	Consumer	Residential New Construction	Erie Thames Powerlines Corporation	Residential	EE	2012	2012 Results Persistence	Current year savings
Non-Tier 1	Industrial	Demand Response 3	Erie Thames Powerlines Corporation	Industrial	DR	2012	2012 Results Persistence	Current year savings
Tier 1 - 2011 Adjustment	Business	Retrofit	Erie Thames Powerlines Corporation	C&I	EE	2011	2012 Results Persistence	Adjustment
Tier 1 - 2011 Adjustment	Pre-2011 Prog	High Performance New Construction	Erie Thames Powerlines Corporation	C&I	EE	2011	2012 Results Persistence	Adjustment

#1 Net Verified Annual Peak Demand Savings at the End-User Level (kW)

Initiative (Year)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Appliance Exchange (2011)	3.8	3.8	3.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Appliance Retirement (2011)	17.4	17.4	17.4	16.8	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bi-Annual Retailer Event (2011)	5.9	5.9	5.9	5.9	5.5	5.1	4.1	4.1	4.9	2.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conservation Instant Coupon Booklet (2011)	5.1	5.1	5.1	5.1	4.8	4.5	3.9	3.9	4.4	2.7	0.3	0.3	0.3	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HVAC Incentives (2011)	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	89.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential Demand Response (2011)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retailer Co-op (2011)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Response 3 (part of the Industrial pro (2011)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Direct Install Lighting (2011)	75.2	75.1	74.4	55.3	55.3	55.3	12.9	11.6	11.6	11.6	10.3	10.3	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retrofit, Business (2011)	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Response 3, Industrial (2011)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retrofit, Industrial (2011)	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity Retrofit Incentive Program (2011)	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
High Performance New Construction (2011)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
Direct Install Lighting (2012)	0.0	72.4	72.4	72.4	56.4	56.4	9.6	9.6	9.1	9.1	9.1	8.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retrofit (2012)	0.0	302.5	289.6	281.9	265.9	265.9	254.9	245.6	245.6	245.1	119.9	119.2	119.2	61.8	27.6	27.6	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Appliance Exchange (2012)	0.0	10.0	10.0	10.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Appliance Retirement (2012)	0.0	17.3	17.3	17.3	16.4	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bi-Annual Retailer Event (2012)	0.0	5.2	5.2	5.2	5.2	4.8	4.1	3.0	3.0	3.0	1.9	0.8	0.8	0.8	0.7	0.7	0.7	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conservation Instant Coupon Booklet (2012)	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HVAC Incentives (2012)	0.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	57.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Home Assistance Program (2012)	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5	0.5	0.5	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Response 3, Industrial (2012)	0.0	87.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
High Performance New Construction (2012)	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential New Construction (2012)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Demand Response 3, Non-Tier 1 (2012)	0.0	611.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retrofit, 2011 Adjustment	36.8	36.8	36.8	36.8	36.8	15.1	14.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
High Performance New Construction, 2011 Adjustment	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

#1 Net Verified Annual Energy Savings at the End-User Level (kWh)

Initiative (Year)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Appliance Exchange (2011)	4,458	4,458	4,458	2,055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appliance Retirement (2011)	119,727	119,727	119,727	119,222	89,383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bi-Annual Retailer Event (2011)	103,886	103,886	103,886	103,886	94,945	85,176	64,257	63,983	82,894	26,536	9,355	8,451	8,451	6,253	6,253	5,444	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Conservation Instant Coupon Booklet (2011)	74,929	74,929	74,929	74,929	69,048	63,622	49,750	49,222	61,529	24,351	7,364	6,130	6,130	5,227	5,227	5,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HVAC Incentives (2011)	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	196,514	182,310	-	-	-	-	-	-	-	-	-	-	-
Residential Demand Response (2011)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retailer Co-op (2011)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demand Response 3 (part of the Industrial pro (2011)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct Install Lighting (2011)	202,377	202,254	199,651	144,485	144,485	144,372	32,572	31,613	31,613	31,613	23,022	23,022	5,557	5,557	5,557	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retrofit, Business (2011)	106,770	106,770	106,770	106,770	106,770	106,770	106,770	106,770	106,770	106,770	106,770	106,770	38,525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demand Response 3, Industrial (2011)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retrofit, Industrial (2011)	61,631	61,631	61,631	61,631	61,631	61,631	61,631	61,631	61,631	61,631	61,631	61,631	32,581	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electricity Retrofit Incentive Program (2011)	228,469	228,469	228,469	228,469	228,469	228,469	228,469	228,469	228,469	228,469	228,469	228,469	228,469	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Performance New Construction (2011)	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	-	-	-	-
Direct Install Lighting (2012)	-	269,533	269,533	269,533	203,127	203,127	38,157	38,157	37,681	37,681	37,681	29,652	29,652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retrofit (2012)	-	2,366,501	2,324,348	2,299,184	2,247,177	2,247,177	2,210,688	2,125,910	2,125,910	2,044,466	905,453	572,213	572,213	227,311	115,568	115,568	521	521	521	521	521	-	-	-	-	-	-	-	-	-
Appliance Exchange (2012)	-	17,409	17,409	17,409	17,022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Appliance Retirement (2012)	-	115,287	115,287	115,287	114,467	72,284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bi-Annual Retailer Event (2012)	-	94,675	94,675	94,675	94,675	85,307	69,204	47,204	47,106	47,106	23,926	17,756	17,205	17,205	16,003	16,003	15,781	4,429	4,429	4,429	4,429	-	-	-	-	-	-	-	-	-
Conservation Instant Coupon Booklet (2012)	-	4,941	4,941	4,941	4,941	4,866	4,866	2,290	2,290	2,290	2,290	376	296	296	256	256	247	-	-	-	-	-	-	-	-	-	-	-	-	-
HVAC Incentives (2012)	-	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	118,578	110,857	-	-	-	-	-	-	-	-	-	-
Home Assistance Program (2012)	-	11,757	11,757	11,757	11,757	11,585	11,585	10,555	10,555	3,504	3,504	2,264	2,264	1,350	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demand Response 3, Industrial (2012)	-	2,309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Performance New Construction (2012)	-	387	387	387	387	387	387	387	387	387	387	387	387	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential New Construction (2012)	-	540	540	540	540	540	540	540	540	540	540	540	540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demand Response 3, Non-Tier 1 (2012)	-	14,727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retrofit, 2011 Adjustment	186,633	186,633	186,633	186,633	186,633	103,621	98,242	25,706	25,706	25,706	25,706	25,706	25,706	25,706	25,706	25,706	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Performance New Construction, 2011 Adjustment	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	9,154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Ontario Energy Board

Instructions

Please provide documentation and/or data to substantiate progra

Energy savings attributed to street lighting project in IESO results			
Year	Gross	NTG	Net
2011		0.73	
2012	532,349	0.75	399,261
2013	953,366	0.71	676,890
2014		0.70	0
2015	226,162	0.84	189,843
2016	7,506	0.79	5,960

Actual lost revenue based on kW billing for unmetered street lights

Month	Billed kW	CDM adjustments for current month	Adjustments carried forward from previous months	Gross kW reduction	NTG	Net kW reduction
Jan-12	1,130.50				0.76	0.00
Feb-12	1,130.50	0.00	0.00	0.00	0.76	0.00
Mar-12	1,130.50		0.00	0.00	0.76	0.00
Apr-12	1,130.50		0.00	0.00	0.76	0.00
May-12	1,130.50		0.00	0.00	0.76	0.00
Jun-12	1,130.50		0.00	0.00	0.76	0.00
Jul-12	1,062.60	67.90	0.00	67.90	0.76	51.60
Aug-12	1,005.19	57.41	67.90	125.31	0.76	95.23
Sep-12	934.24	70.95	125.31	196.26	0.76	149.16
Oct-12	934.24		196.26	196.26	0.76	149.16
Nov-12	934.24		196.26	196.26	0.76	149.16

Dec-12	934.24		196.26	196.26	0.76	149.16
2012 total				**978.25**		**743.47**
Jan-13	685.42	248.82	196.26	445.08	0.71	316.00
Feb-13	685.42		445.08	445.08	0.71	316.00
Mar-13	685.42		445.08	445.08	0.71	316.00
Apr-13	685.42		445.08	445.08	0.71	316.00
May-13	685.42		445.08	445.08	0.71	316.00
Jun-13	685.42	63.91	445.08	445.08	0.71	316.00
Jul-13	621.51		508.99	508.99	0.71	361.38
Aug-13	621.51		508.99	508.99	0.71	361.38
Sep-13	621.51		508.99	508.99	0.71	361.38
Oct-13	621.51		508.99	508.99	0.71	361.38
Nov-13	621.51		508.99	508.99	0.71	361.38
Dec-13	621.51		508.99	508.99	0.71	361.38
2013 total				**5,724.40**		**4,064.33**
Jan-14	605.58	15.92	508.99	524.92	0.7	367.44
Feb-14	605.58		524.92	524.92	0.7	367.44
Mar-14	605.58		524.92	524.92	0.7	367.44
Apr-14	605.58		524.92	524.92	0.7	367.44
May-14	518.50	87.09	524.92	612.00	0.7	428.40
Jun-14	518.50		612.00	612.00	0.7	428.40
Jul-14	518.50		612.00	612.00	0.7	428.40
Aug-14	518.50		612.00	612.00	0.7	428.40
Sep-14	518.50		612.00	612.00	0.7	428.40
Oct-14	518.50		612.00	612.00	0.7	428.40
Nov-14	518.50		612.00	612.00	0.7	428.40
Dec-14	518.50		612.00	612.00	0.7	428.40
2014 total				**6,995.67**		**4,896.97**
Jan-15	518.50		612.00	612.00	0.83	507.75
Feb-15	518.50		612.00	612.00	0.83	507.75
Mar-15	518.50		612.00	612.00	0.83	507.75
Apr-15	442.73	75.77	612.00	687.77	0.83	570.61
May-15	437.12	5.61	687.77	693.38	0.83	575.27
Jun-15	437.12		693.38	693.38	0.83	575.27
Jul-15	437.12		693.38	693.38	0.83	575.27
Aug-15	437.12		693.38	693.38	0.83	575.27
Sep-15	437.12		693.38	693.38	0.83	575.27
Oct-15	437.12		693.38	693.38	0.83	575.27
Nov-15	437.12		693.38	693.38	0.83	575.27
Dec-15	437.12		693.38	693.38	0.83	575.27
2015 total				**8,070.79**		**6,696.01**
Jan-16	437.12		693.38	693.38	0.79	550.52
Feb-16	423.35	13.77	693.38	707.15	0.79	561.45
Mar-16	423.35		707.15	707.15	0.79	561.45
Apr-16	423.35		707.15	707.15	0.79	561.45
May-16	423.35		707.15	707.15	0.79	561.45
Jun-16	423.35		707.15	707.15	0.79	561.45

Jul-16	423.35	707.15	707.15	0.79	561.45
Aug-16	423.35	707.15	707.15	0.79	561.45
Sep-16	423.35	707.15	707.15	0.79	561.45
Oct-16	423.35	707.15	707.15	0.79	561.45
Nov-16	423.35	707.15	707.15	0.79	561.45
Dec-16	423.35	707.15	707.15	0.79	561.45
2016 total			**8,472.02**		**6,726.51**

LRAMVA Work Form:
Documentation for Streetlightin

ım savings that were not provided by the IESO (i.e., streetlighting projects) as applicable.

Notes
Tavistock and Beachville Thamesford Central Elgin

0
Town of Ingersoll
Norwich
Clinton phase 1
Town of Aylmer
West Perth
Clinton phase 2
Clinton phase 3

ng Projects

Version 2.0 (2017)

Attachment 15 (of 21):

4-O Final Verified 2016 CDM

Final Verified 2016 Annual LDC CDM Program Results Report

Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2017

I am pleased to provide LDCs with their Final Verified 2016 Annual Results Report. Collectively in 2016, LDCs achieved 1.2 TWh of energy savings persisting to 2020. When combined with the 2015 results, LDCs have achieved 2.6 TWh of energy savings, representing 38 % of the 7 TWh target. The results show positive progress towards the achievement of the Conservation First Framework (CFF) target and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

Key highlights from the 2016 final results include the following:

- The Coupons program produced a record achievement, delivering 428 GWh of energy savings in 2016, more than doubling the results from 2015. LED light bulbs remained the most common measure accounting for 75 % of coupons redeemed and 96 % of savings.
- The Retrofit program continues to be the highest performing program achieving 567 GWh of energy savings in 2016, despite experiencing a 29 % reduction in savings over the 2015 results (including adjustments). Lighting measures continue to produce the majority of savings, 74 % in 2016, with non-lighting measures accounting for the remainder.
- The success of the Coupons program supported residential sector programs in achieving a larger share of the portfolio savings in 2016 than in previous years, accounting for 44 % of target achievement, with business sector programs and local and pilot programs accounting for 54 % and 1 %, respectively.
    - It is important to note that there remains a considerable data lag, representing completed, but unreported projects for the Retrofit and Process and Systems Upgrades Programs. Together, these programs have roughly 250 GWh in unverified savings waiting to be reported by LDCs. It is anticipated that these savings will be reported in future year's 2016 adjustments.
- As with 2015, the IESO evaluation methodology enabled further granulation of net verified results in 2016, resulting in increased LDC-specific and regional level net-to-gross adjustment factors, where data permitted.
- Four LDCs have achieved at least 90 % of their CFF target, and nine others are above 50 %. These early successes are prompting increased dialogue between LDCs with respect to potential target exchange, which is both permitted and encouraged under the CFF.

There were minor revisions to the final results relative to the preliminary results including: 1) revisions/corrections to program savings assumptions / adjustments as required (primarily to participation levels for Coupons Program and Heating & Cooling Program); 2) the inclusion of an additional five LDC Innovation Fund and Conservation Fund Pilot Programs; and 3) amendments based on comments received by LDCs as part of their review of the preliminary results. Further details on the revisions between the preliminary and the final 2016 verified results can be found in the 2016 Frequently Asked Questions (FAQs) and Evaluation Findings Report which will be posted along with the results on the LDC extranet.

Please note that all results contained within this report are considered to be final verified results. Projects included in this report are reflected in the accompanying LDC Project List Report. Any program activity not captured in this report will be included as part of a future adjustment process.

In terms of next steps, as with the 2015 CFF results, Final Verified 2016 Annual Results Reports will be posted on the IESO website in early July. In addition, LDC-Program level and portfolio-level cost effectiveness test results will be available on September 15, 2017, as outlined in the Energy Conservation Agreement version 3.0 update. Finally, 2016 EM&V reports will be available later this summer along with key program recommendations to be shared with the LDC Working Groups and the IESO.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process. As we look ahead, the IESO will be focusing on enhancing its communication and support services to further support LDCs in the delivery of programs and to increase customer participation in these programs. I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final Verified 2016 Annual LDC CDM Program Results Report

Table of Contents

Final Verified 2016 Annual LDC CDM Program Results Report

How to Use this Report

The IESO is pleased to provide you with the 2016 Annual Verified Results Report.

This report provides:
1) electricity savings;
2) annual Full Cost Recovery funding model program progress; and
3) peak demand savings;
4) IESO Value Added Services Costs
in accordance with Section 9.2(b)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail:
1) program participation results including:
   a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);

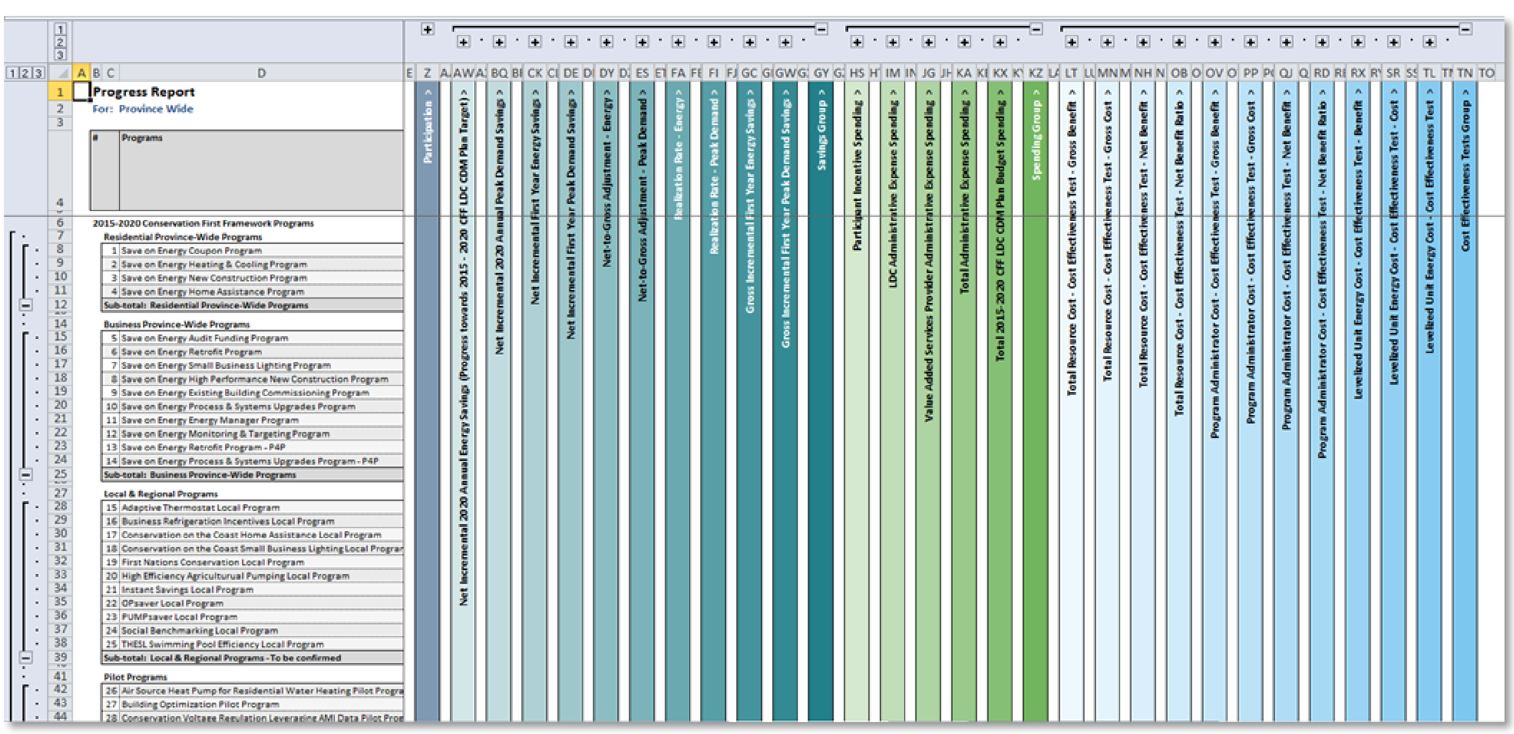
2) program savings results including:
   a) net 2020 annual energy and peak demand savings;
   b) allocated target, target achievement and progress towards target;
   c) incremental net first year energy and peak demand savings;
   d) annual net-to-gross and realization rate adjustments; and
   e) incremental gross first year energy and peak demand savings;
   and where available reported by: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

3) program spending including:
   a) participation incentive spending;
   b) administrative expense spending (including IESO value-added services costs);
   c) aggregated total spending; and
   d) allocated budget, LDC CDM Plan budget spending and progress towards budget;
   and for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

4) program savings results persistence for:
   a) gross energy savings;
   b) gross peak demand savings;
   c) net energy savings; and
   d) net peak demand savings;

by both the LDC specific level and the province-wide aggregated level for 2016 and 2015 including 2015 Adjustments.

This report's format is consistent with the IESO issued Monthly Participation and Cost Report in that it is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the four results categories listed above have been grouped together for easy accessibility.



Please note:
1) Cost Effectiveness Test (CET) results including:
   a) total resource cost test;
   b) program administration cost test;
   c) levelized unit energy cost test;
   and for each test: i) benefits; ii) cost; iii) net benefit; iv) benefit ratio; at the LDC and province wide level will not be available in this report but will be provided to LDCs by September 15 2017, as per the Energy Conservation Agreement, version 3.0.

2) forecasts of: a) activity; b) savings; and c) spending; included in this report are
   based on approved LDC CDM Plan - Cost Effectiveness Tools as of April 1, 2017
   (from the i) Program Design; ii) Budget Inputs; iii) Savings Results; and iv) CE Results; worksheets);
   Please note that this does not contain data for Legacy Framework program spending or CFF pilot program activity, savings, spending or cost effectiveness.

3) Annual FCR Progress only includes Full Cost Recovery funding model program savings results and excludes Pay-for-Performance funding model program savings results.

4) The complete list of approved programs and pilots as of April 1, 2017 approved LDC CDM Plans have been included, however only programs and pilots in market for a sufficient period of time to enable a valid EM&V process will have verified results.

5) 2015 Adjustments consists of projects completed in 2015 but were not reported to the IESO by the 2015 Verified Results Reporting deadline of March 31, 2016.

6) Pilot program savings are attributed to the LDC where the pilot program project is located in; and

7) This Annual Verified Results Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;

Final Verified 2016 Annual LDC CDM Program Results Report
Summary

For: Erie Thames Powerlines Corporation

Results

#	Metric	2015 Verified Results	2016 Verified Results	2015-2016 Verified Results	Allocated Target / Budget	2015-2016 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2016 Progress versus 2015-2020 LDC CDM Plan Forecast	2016 LDC CDM Plan Forecast	2016 Progress versus 2016 LDC CDM Plan Forecast	2015-2016 LDC CDM Plan Forecast	2015-2016 Progress versus 2015-2016 LDC CDM Plan Forecast
1	Net Verified Annual Energy Savings Persisting to 2020	6,103 MWh	2,555 MWh	8,658 MWh	27,630 MWh	31 %	39,590 MWh	22 %	3,215 MWh	79 %	21,956 MWh	39 %
2	LDC Ranking - Net Verified Annual Energy Savings Persisting to 2020	30	40	34	33	44	26	63	37	55	19	68
3	Total Spending ($)	$ 42,534	$ 561,527	$ 604,061	$ 7,104,954	9 %	$ 7,020,999	9 %	$ 1,352,450	42 %	$ 1,524,690	40 %
4	LDC Ranking - Total Spending ($)	26	39	37	34	55	33	52	30	60	30	63

Annual Results

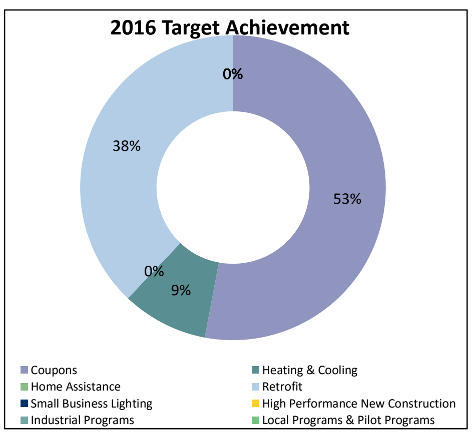
#	Metric	2015	2016	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	6,103 MWh	2,555 MWh	**8,658 MWh**
2	Net Verified Incremental First Year Energy Savings (MWh)	6,294 MWh	2,580 MWh	**8,874 MWh**
3	Total Spending ($)	$ 42,534	$ 561,527	**$ 604,061**

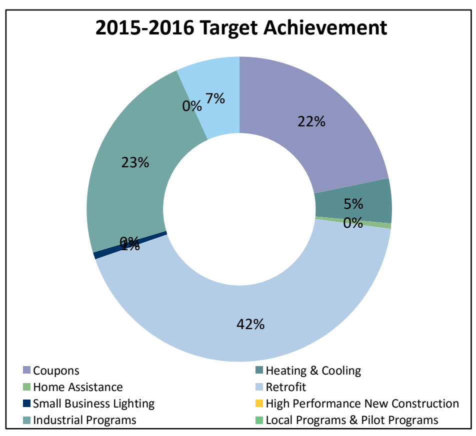
Cost Effectiveness

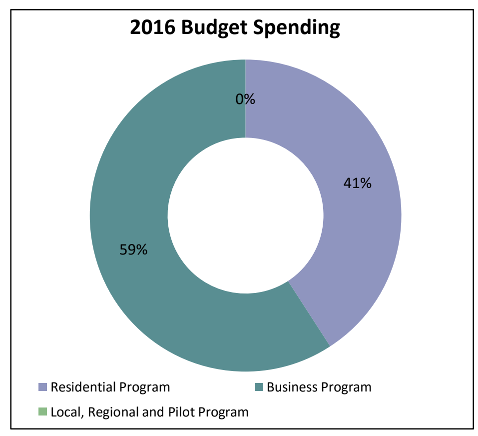
#	Test	2015	2016	Total
1	Total Resource Cost Test (Ratio)	n/a	tbd	**tbd**
2	Program Administrator Cost Test (Ratio)	n/a	tbd	**tbd**
3	Levelized Unit Energy Cost Result (¢/kWh)	n/a	tbd	**tbd**

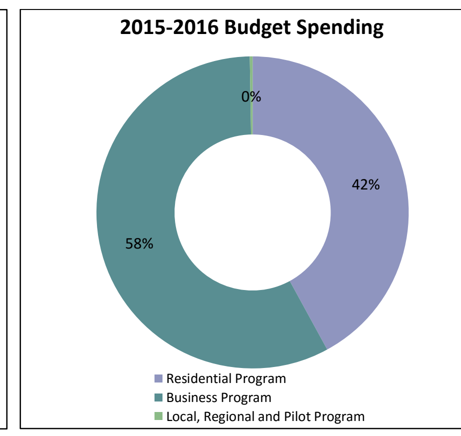
Annual FCR Progress

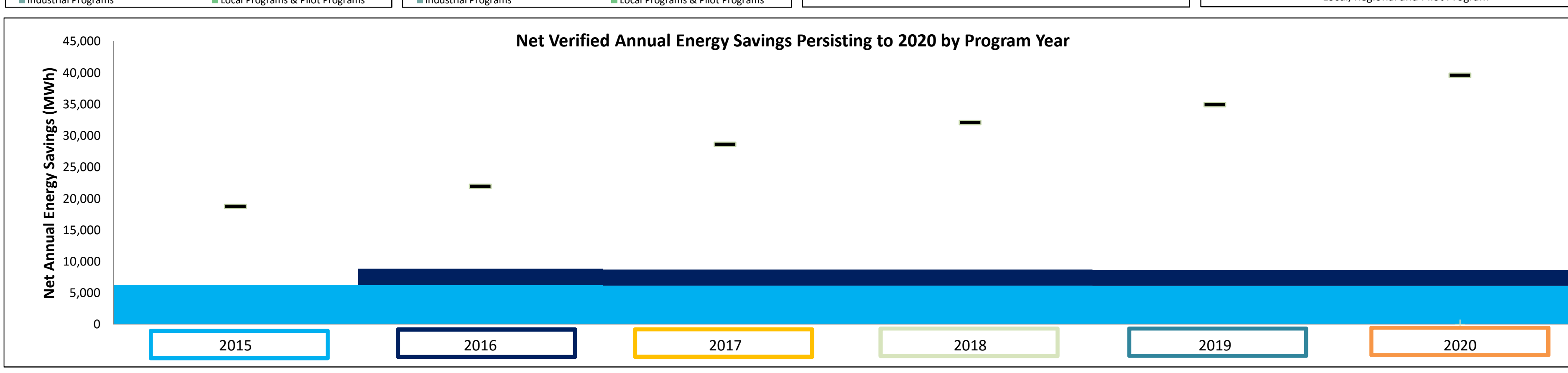
#	Metric	Result
1	2015-2016 Incremental Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	**8,658 MWh**
2	2015-2016 Incremental Net 2020 Annual Energy Savingsfrom Full Cost Recovery Program per CDM Plan Forecast	**21,956 MWh**
3	FCR Progress (%)	**39 %**

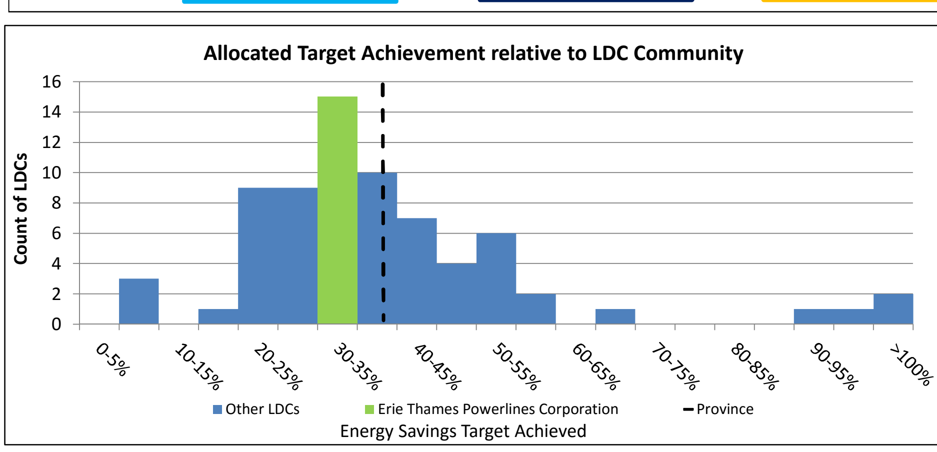


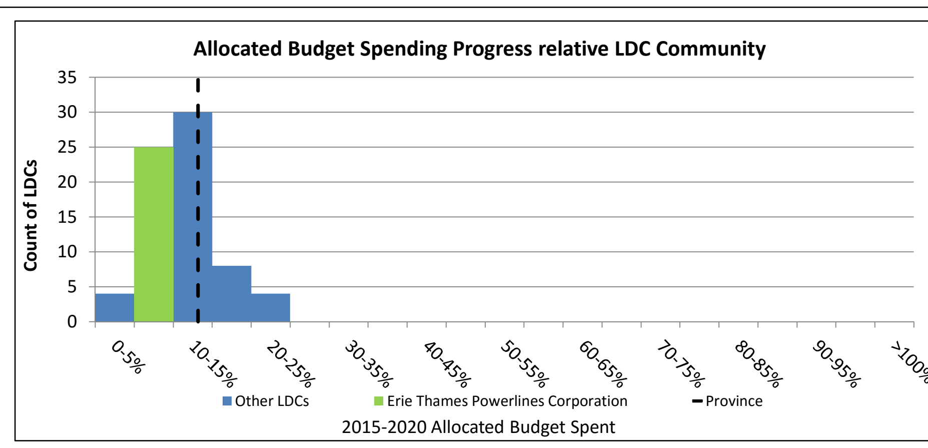












Final Verified 2016 Annual LDC CDM Program Results Report

LDC Rankings

Net Verified Annual Energy Savings Persisting to 2020

#	LDC	2015 Verified Results Value (kWh)	LDC Ranking (#)	Verified 2015 Adjustment Results Value (kWh)	Verified Adjusted 2015 Results Value (kWh)	LDC Ranking (#)	2016 Verified Results Value (kWh)	LDC Ranking (#)	2015-2016 Verified Results Value (kWh)	LDC Ranking (#)	Allocated Target Value (kWh)	LDC Ranking (#)	2015-2016 Progress versus Allocated Target Value (%)	LDC Ranking (#)	2015-2020 LDC CDM Plan Forecast Value (kWh)	LDC Ranking (#)	2015-2016 Progress versus 2015-2020 LDC CDM Plan Forecast Value (%)	LDC Ranking (#)	2016 LDC CDM Plan Forecast Value (kWh)	LDC Ranking (#)	2016 Progress versus 2016 LDC CDM Plan Forecast Value (%)	LDC Ranking (#)
1	Algoma Power Inc.	1,031,011	57	25,818	1,056,828	58	1,285,402	52	2,342,230	56	7,510,000	54	31	45	11,100,760	47	21	66	816,284	54	157	16
2	Atikokan Hydro Inc.	109,769	67	2,444	112,213	67	189,357	68	301,570	68	1,140,000	67	26	54	1,139,590	67	26	52	127,788	71	148	18
3	Attawapiskat Power Corporation	35,822	70	2,343	38,165	70	0	69	38,165	70	510,000	70	7	71	556,816	69	7	71	209,344	66	0	69
4	Bluewater Power Distribution Corporation	7,755,327	21	268,687	8,024,013	26	5,570,598	28	13,594,611	30	62,370,000	19	22	65	62,370,000	19	22	64	7,092,037	25	79	56
5	Brantford Power Inc.	7,457,011	22	1,458,523	8,915,534	25	10,499,455	19	19,414,989	21	54,320,000	22	36	33	54,880,608	23	35	36	9,918,198	18	106	39
6	Burlington Hydro Inc.	12,632,309	18	1,975,945	14,608,254	18	11,531,861	15	26,140,115	16	99,040,000	13	26	55	99,040,000	14	26	53	11,672,695	15	99	47
7	Canadian Niagara Power Inc.	3,502,396	37	5,579,808	9,082,204	23	5,553,280	29	14,635,484	27	28,480,000	32	51	12	28,104,418	31	52	15	4,745,580	30	117	29
8	Centre Wellington Hydro Ltd.	1,581,029	53	109,971	1,690,999	53	1,548,975	50	3,239,975	52	8,730,000	50	37	30	8,729,845	50	37	33	2,771,886	40	56	62
9	Chapleau Public Utilities Corporation	275,333	64	3,485	278,818	64	191,711	67	470,529	66	1,050,000	68	45	18	1,057,696	68	44	21	134,983	70	142	21
10	COLLUS PowerStream Corp.	1,637,947	51	385,929	2,023,876	49	2,194,349	44	4,218,225	47	16,860,000	39	25	58	16,860,000	38	25	57	2,047,097	42	107	38
11	Cooperative Hydro Embrun Inc.	120,443	66	19,234	139,677	66	730,806	57	870,483	62	1,790,000	65	49	15	1,790,697	65	49	18	241,547	65	303	2
12	E.L.K. Energy Inc.	1,662,553	49	583,829	2,246,382	47	1,963,393	48	4,209,775	48	16,200,000	41	26	56	16,203,264	40	26	54	1,785,578	45	110	36
13	Energy+ Inc.	17,245,241	13	60,025,983	77,271,224	5	14,252,795	12	91,524,019	7	100,950,000	12	91	4	106,219,451	11	86	4	10,054,813	17	142	22
14	Enersource Hydro Mississauga Inc.	59,582,917	5	15,701,481	75,284,398	6	80,992,918	4	156,277,316	4	483,270,000	4	32	42	483,273,204	4	32	42	79,419,033	3	102	42
15	Entegrus Powerlines Inc.	38,558,192	8	3,536,019	42,094,211	9	14,186,934	13	56,281,145	11	56,830,000	21	99	3	62,079,147	20	91	3	5,611,768	27	253	4
16	EnWin Utilities Ltd.	14,809,440	15	2,675,379	17,484,819	16	29,365,888	9	46,850,707	12	151,300,000	10	31	47	152,801,848	10	31	45	44,722,046	5	66	61
17	Erie Thames Powerlines Corporation	5,180,177	27	922,335	6,102,511	30	2,555,215	40	8,657,726	34	27,630,000	33	31	44	39,589,797	26	22	63	3,215,423	37	79	55
18	Espanola Regional Hydro Distribution Corporation	502,006	61	14,537	516,543	62	339,978	65	856,521	63	2,410,000	64	36	34	1,998,806	64	43	23	328,608	64	103	40
19	Essex Powerlines Corporation	3,819,710	36	1,720,380	5,540,090	33	7,059,017	26	12,599,107	31	31,430,000	30	40	24	31,430,000	28	40	29	7,103,736	24	99	46
20	Festival Hydro Inc.	4,822,853	30	2,088,958	6,911,811	27	9,417,074	21	16,328,885	26	34,650,000	28	47	17	29,884,429	30	55	10	4,336,821	31	217	7
21	Fort Albany Power Corporation	29,906	71	1,956	31,862	71	0	69	31,862	71	340,000	71	9	69	373,387	71	9	70	197,235	68	0	69
22	Fort Frances Power Corporation	254,688	65	11,215	265,903	65	553,935	60	819,838	64	4,000,000	61	20	67	3,687,415	61	22	62	348,835	63	159	15
23	Greater Sudbury Hydro Inc.	6,959,582	23	3,141,790	10,101,372	22	9,312,088	22	19,413,460	22	34,740,000	27	56	7	23,985,670	34	81	5	3,943,302	34	236	5
24	Grimsby Power Incorporated	2,804,724	40	319,119	3,123,843	40	2,159,053	45	5,282,896	43	10,850,000	48	49	14	10,863,961	48	49	17	1,870,647	44	115	33
25	Guelph Hydro Electric Systems Inc.	58,594,547	6	2,215,864	60,810,411	8	8,394,053	24	69,204,463	9	99,040,000	13	70	5	99,040,001	13	70	7	7,470,386	22	112	35
26	Halton Hills Hydro Inc.	5,500,566	25	212,955	5,713,521	31	4,755,591	32	10,469,112	33	30,940,000	31	34	38	30,962,677	29	34	39	3,268,861	36	145	20
27	Hearst Power Distribution Company Limited	1,510,384	54	985,005	2,495,390	44	2,417,972	42	4,913,361	44	3,180,000	63	155	1	3,183,595	62	154	1	369,657	62	654	1
28	Horizon Utilities Corporation	70,835,688	4	6,703,611	77,539,298	4	44,884,274	6	122,423,572	6	330,680,000	6	37	31	366,197,247	6	33	41	41,674,275	7	108	37
29	Hydro 2000 Inc.	80,683	68	3,633	84,316	68	257,750	66	342,066	67	1,360,000	66	25	57	1,360,459	66	25	56	165,677	69	156	17
30	Hydro Hawkesbury Inc.	1,162,440	56	26,255	1,188,695	57	1,339,759	51	2,528,454	54	7,920,000	53	32	43	7,920,346	53	32	43	1,335,307	50	100	44
31	Hydro One Brampton Networks Inc.	29,578,103	9	6,302,266	35,880,369	10	41,650,660	7	77,531,030	8	255,160,000	7	30	49	255,160,000	7	30	46	40,763,367	8	102	41
32	Hydro One Networks Inc.	220,487,100	1	89,902,682	310,389,782	1	208,374,078	2	518,763,860	2	1,220,690,000	2	42	19	1,263,550,435	2	41	26	257,427,028	2	81	54
33	Hydro Ottawa Limited	57,247,836	7	15,553,929	72,801,765	7	59,247,505	5	132,049,269	5	394,540,000	5	33	40	394,559,846	5	33	40	42,147,373	6	141	23
34	InnPower Corporation	1,850,172	47	132,220	1,982,392	50	2,561,285	39	4,543,677	46	13,010,000	44	35	35	13,009,980	43	35	37	3,158,377	38	81	53
35	Kashechewan Power Corporation	40,200	69	2,629	42,829	69	0	69	42,829	69	520,000	69	8	70	438,286	70	10	69	209,344	66	0	69
36	Kenora Hydro Electric Corporation Ltd.	1,606,080	52	65,793	1,671,873	54	552,901	61	2,224,774	57	5,270,000	57	42	21	5,269,561	56	42	24	1,403,058	48	39	65
37	Kingston Hydro Corporation	4,445,966	32	1,046,947	5,492,913	35	2,580,410	38	8,073,324	36	34,500,000	29	23	63	37,182,911	27	22	65	11,465,768	16	23	68
38	Kitchener-Wilmot Hydro Inc.	21,865,242	11	2,654,908	24,520,150	12	14,184,542	14	38,704,692	14	105,710,000	11	37	32	105,712,088	12	37	34	17,127,724	12	83	52
39	Lakefront Utilities Inc.	2,239,136	44	280,605	2,519,741	43	1,185,986	53	3,705,727	50	12,170,000	45	30	48	12,201,915	44	30	47	1,739,771	46	68	60
40	Lakeland Power Distribution Ltd.	4,432,710	33	708,780	5,141,489	37	2,495,021	41	7,636,510	37	15,770,000	42	48	16	15,832,919	41	48	20	1,345,374	49	185	9
41	London Hydro Inc.	28,534,591	10	3,454,236	31,988,827	11	31,824,871	8	63,813,698	10	196,660,000	8	32	41	219,747,453	8	29	50	34,869,274	9	91	49
42	Midland Power Utility Corporation	2,860,953	39	301,878	3,162,831	39	2,402,265	43	5,565,096	41	10,830,000	49	51	13	10,830,000	49	51	16	1,433,109	47	168	14
43	Milton Hydro Distribution Inc.	9,889,501	19	476,099	10,365,601	21	6,501,088	27	16,866,689	25	45,360,000	24	37	29	45,363,753	24	37	32	5,584,323	28	116	30
44	Newmarket-Tay Power Distribution Ltd.	8,218,024	20	840,996	9,059,020	24	4,962,518	31	14,021,538	28	36,240,000	26	39	25	26,923,645	32	52	14	4,271,910	32	116	32
45	Niagara Peninsula Energy Inc.	12,742,252	17	1,752,111	14,494,363	19	10,838,434	17	25,332,796	18	74,440,000	17	34	37	74,440,000	17	34	38	7,449,258	23	145	19
46	Niagara-on-the-Lake Hydro Inc.	2,598,018	42	369,192	2,967,210	41	3,401,852	36	6,369,062	39	11,680,000	46	55	8	11,877,636	46	54	13	3,546,990	35	96	48
47	North Bay Hydro Distribution Limited	4,245,690	35	12,427,153	16,672,842	17	4,001,370	34	20,674,212	20	20,260,000	37	102	2	17,933,641	37	115	2	2,300,259	41	174	12
48	Northern Ontario Wires Inc.	509,731	60	38,057	547,788	60	907,761	56	1,455,549	59	4,310,000	59	34	39	2,998,209	63	49	19	492,913	61	184	10
49	Oakville Hydro Electricity Distribution Inc.	21,252,248	12	2,499,447	23,751,695	13	15,431,935	11	39,183,630	13	92,390,000	15	42	20	93,974,490	15	42	25	13,265,566	14	116	31
50	Orangeville Hydro Limited	3,398,117	38	314,840	3,712,958	38	2,056,808	46	5,769,766	40	14,150,000	43	41	22	14,301,698	42	40	27	1,194,829	51	172	13
51	Orillia Power Distribution Corporation	1,662,040	50	246,213	1,908,253	52	2,008,907	47	3,917,160	49	16,580,000	40	24	62	16,653,694	39	24	60	5,922,408	26	34	66
52	Oshawa PUC Networks Inc.	5,046,074	28	1,182,326	6,228,399	29	11,449,535	16	17,677,934	23	73,010,000	18	24	61	73,010,000	18	24	59	8,484,484	20	135	24
53	Ottawa River Power Corporation	2,779,858	41	156,362	2,936,220	42	1,812,492	49	4,748,712	45	8,720,000	51	54	9	8,724,947	51	54	11	985,681	52	184	11
54	Peterborough Distribution Incorporated	4,979,980	29	554,811	5,534,790	34	5,186,524	30	10,721,314	32	37,880,000	25	28	52	42,122,834	25	25	55	20,077,835	10	26	67
55	PowerStream Inc.	76,511,169	3	20,976,284	97,487,452	3	103,018,833	3	200,506,286	3	535,440,000	3	37	27	535,440,000	3	37	31	76,738,762	4	134	25
56	PUC Distribution Inc.	4,538,096	31	659,247	5,197,342	36	8,793,170	23	13,990,513	29	26,410,000	34	53	11	18,988,655	36	74	6	3,121,781	39	282	3
57	Renfrew Hydro Inc.	351,383	63	32,771	384,155	63	418,059	64	802,214	65	4,170,000	60	19	68	4,169,705	59	19	68	595,808	58	70	58
58	Rideau St. Lawrence Distribution Inc.	1,353,836	55	95,782	1,449,618	56	570,963	59	2,020,581	58	5,020,000	58	40	23	5,020,495	57	40	28	561,831	59	102	43
59	Sioux Lookout Hydro Inc.	537,110	59	7,737	544,847	61	485,367	63	1,030,214	61	3,700,000	62	28	53	3,699,848	60	28	51	621,773	57	78	57
60	St. Thomas Energy Inc.	2,146,544	45	188,013	2,334,556	46	4,191,889	33	6,526,446	38	17,510,000	38	37	28	11,992,835	45	54	12	1,971,651	43	213	8
61	Thunder Bay Hydro Electricity Distribution Inc.	5,286,985	26	13,266,747	18,553,733	15	7,141,247	25	25,694,979	17	48,420,000	23	53	10	58,393,454	22	44	22	17,239,812	11	41	64
62	Tillsonburg Hydro Inc.	1,886,420	46	243,278	2,129,698	48	673,753	58	2,803,451	53	11,310,000	47	25	59	4,901,901	58	57	8	741,159	56	91	50
63	Toronto Hydro-Electric System Limited	197,146,346	2	78,444,901	275,591,247	2	269,366,448	1	544,957,695	1	1,576,050,000	1	35	36	1,437,213,978	1	38	30	270,786,926	1	99	45
64	Veridian Connections Inc.	16,332,332	14	2,693,631	19,025,963	14	18,086,912	10	37,112,875	15	152,970,000	9	24	60	152,970,000	9	24	58	14,873,397	13	122	28
65	Wasaga Distribution Inc.	2,385,191	43	26,401	2,411,591	45	1,165,103	54	3,576,694	51	6,320,000	55	57	6	6,319,847	54	57	9	530,215	60	220	6
66	Waterloo North Hydro Inc.	12,799,897	16	1,083,855	13,883,752	20	10,576,686	18	24,460,438	19	82,380,000	16	30	50	82,384,212	16	30	48	8,465,944	21	125	26
67	Welland Hydro-Electric System Corp.	1,729,306	48	230,560	1,959,866	51	3,416,423	35	5,376,290	42	25,500,000	35	21	66	25,500,101	33	21	67	3,976,815	33	86	51
68	Wellington North Power Inc.	709,927	58	86,269	796,196	59	522,470	62	1,318,666	60	5,890,000	56	22	64	5,897,926	55	22	61	757,400	55	69	59
69	West Coast Huron Energy Inc.	438,855	62	1,041,276	1,480,131	55	1,033,396	55	2,513,526	55	8,080,000	52	31	46	8,175,845	52	31	44	829,562	53	125	27
70	Westario Power Inc.	4,282,957	34	1,285,842	5,568,799	32	3,071,071	37	8,639,870	35	23,010,000	36	38	26	23,824,531	35	36	35	5,570,909	29	55	63
71	Whitby Hydro Electric Corporation	6,210,809	24	410,389	6,621,198	28	10,455,293	20	17,076,491	24	58,440,000	20	29	51	58,440,000	21	29	49	9,262,887	19	113	34
Total		1,117,489,826		372,776,418	1,490,266,244		1,154,154,798		2,644,421,042		6,999,990,000		38		6,961,838,409		38		1,160,312,103		99	

Net Verified Annual Energy Savings Persisting to 2020 (continued) / Total Spending

#	LDC	2015-2016 LDC CDM Plan Forecast Value (kWh)	LDC Ranking (#)	2015-2016 Progress versus 2015-2016 LDC CDM Plan Forecast Value (%)	LDC Ranking (#)	Total Spending: 2015 Verified Spending Value ($)	LDC Ranking (#)	Verified 2015 Adjustment Spending Value ($)	Verified Adjusted 2015 Spending Value ($)	LDC Ranking (#)	2016 Verified Spending Value ($)	LDC Ranking (#)	2015-2016 Verified Spending Value ($)	LDC Ranking (#)	Allocated Budget Value ($)	LDC Ranking (#)	2015-2016 Progress versus Allocated Budget Value (%)	LDC Ranking (#)	2015-2020 LDC CDM Plan Forecast Value ($)	LDC Ranking (#)	2015-2016 Progress versus 2015-2020 LDC CDM Plan Forecast Value (%)	LDC Ranking (#)	2016 LDC CDM Plan Forecast Value ($)	LDC Ranking (#)	2016 Progress versus 2016 LDC CDM Plan Forecast Value (%)	LDC Ranking (#)	2015-2016 LDC CDM Plan Forecast Value ($)	LDC Ranking (#)	2015-2016 Progress versus 2015-2016 LDC CDM Plan Forecast Value (%)	LDC Ranking (#)
1	Algoma Power Inc.	1,777,226	53	132	34	39,320	22	59,951	99,271	20	344,836	47	444,108	42	2,107,963	53	21	3	3,449,717	45	13	24	683,154	43	50	51	737,814	43	60	37
2	Atikokan Hydro Inc.	170,828	71	177	17	0	30	0	0	43	50,265	66	50,265	66	311,330	67	16	9	374,405	70	13	19	56,766	71	89	8	56,772	71	89	10
3	Attawapiskat Power Corporation	209,344	68	18	70	0	30	0	0	43	0	69	0	69	148,832	70	0	69	1,846,142	54	0	69	386,748	52	0	69	386,748	52	0	69
4	Bluewater Power Distribution Corporation	14,839,910	25	92	57	5,119	29	0	5,119	41	1,340,938	26	1,346,056	27	15,838,687	20	8	56	15,838,687	20	8	54	2,579,261	19	52	48	2,584,380	21	52	50
5	Brantford Power Inc.	17,760,851	22	109	46	0	30	29,000	29,000	30	1,564,432	22	1,593,432	24	14,048,458	22	11	30	11,591,730	23	14	16	2,207,285	23	71	29	2,236,285	23	71	28
6	Burlington Hydro Inc.	18,090,682	21	144	24	118,667	17	193,116	311,783	12	2,472,234	12	2,784,017	13	25,825,521	13	11	37	25,890,159	12	11	38	3,893,532	15	63	35	4,877,008	12	57	43
7	Canadian Niagara Power Inc.	11,046,585	27	132	33	162,334	14	58,069	220,403	13	1,200,961	27	1,421,364	26	7,355,555	33	19	5	6,338,440	35	22	4	1,589,930	29	76	22	1,643,473	29	86	12
8	Centre Wellington Hydro Ltd.	4,123,814	39	79	60	0	30	0	0	43	276,194	49	276,194	50	2,252,724	51	12	26	2,252,724	51	12	29	651,826	44	42	59	651,826	44	42	59
9	Chapleau Public Utilities Corporation	508,197	62	93	56	0	30	3,354	3,354	42	19,890	68	23,244	68	298,764	68	8	60	298,764	71	8	59	57,618	69	35	64	57,618	69	40	62
10	COLLUS PowerStream Corp.	3,784,720	41	111	43	157,689	15	0	157,689	16	636,318	33	794,008	31	4,446,841	39	18	7	4,446,841	39	18	8	842,348	39	76	21	1,118,451	35	71	30
11	Cooperative Hydro Embrun Inc.	320,602	66	272	9	0	30	0	0	43	61,223	64	61,223	65	525,743	65	12	28	525,743	68	12	31	78,227	68	78	16	78,227	68	78	17
12	E.L.K. Energy Inc.	3,064,492	45	137	29	0	30	0	0	43	435,083	42	435,083	43	4,273,057	41	10	41	4,273,057	41	10	42	504,219	48	86	10	504,219	48	86	13
13	Energy+ Inc.	67,208,866	8	136	30	0	30	0	0	43	2,916,887	11	2,916,887	11	25,873,071	12	11	32	23,678,815	14	12	28	4,939,935	10	59	38	4,939,935	11	59	39
14	Enersource Hydro Mississauga Inc.	149,356,740	4	105	50	0	30	0	0	43	5,508,332	8	5,508,332	8	122,499,403	4	4	68	123,761,401	4	4	68	20,565,231	4	27	66	23,154,175	4	24	66
15	Entegrus Powerlines Inc.	34,007,927	14	165	21	374,365	8	60,099	434,464	8	2,370,550	14	2,805,014	12	14,695,867	21	19	6	13,843,474	21	20	6	2,447,799	20	97	5	3,048,339	19	92	6
16	EnWin Utilities Ltd.	64,562,249	9	73	62	0	30	111,618	111,618	19	2,430,728	13	2,542,346	15	38,421,929	10	7	64	38,421,929	10	7	64	11,447,244	8	21	67	11,447,244	8	22	67
17	Erie Thames Powerlines Corporation	21,956,460	19	39	68	23,149	25	19,384	42,533	26	561,528	39	604,060	37	7,104,954	34	9	55	7,020,999	33	9	52	1,352,450	30	42	60	1,524,690	30	40	63
18	Espanola Regional Hydro Distribution Corporation	328,608	65	261	10	5,306	28	0	5,306	40	57,969	65	63,275	63	685,489	64	9	48	759,788	67	8	57	141,751	63	41	61	141,751	64	45	58
19	Essex Powerlines Corporation	9,728,188	29	130	35	176,840	12	6,737	183,577	14	1,818,727	18	2,002,304	17	8,532,573	30	23	1	8,421,412	30	24	3	1,871,165	25	97	4	2,199,199	25	91	8
20	Festival Hydro Inc.	4,336,821	36	377	5	0	30	8,075	8,075	37	1,003,864	29	1,011,939	29	8,768,149	28	12	29	8,768,149	28	12	32	1,323,777	32	76	20	1,323,777	33	76	18
21	Fort Albany Power Corporation	197,235	70	16	71	0	30	0	0	43	0	69	0	69	98,990	71	0	69	1,682,107	58	0	69	345,251	55	0	69	345,251	55	0	69
22	Fort Frances Power Corporation	486,914	64	168	19	0	30	0	0	43	92,580	60	92,580	60	1,109,758	60	8	59	1,119,638	63	8	58	124,580	66	74	23	124,601	66	74	23
23	Greater Sudbury Hydro Inc.	3,943,302	40	492	2	112,497	18	0	112,497	18	1,425,683	24	1,538,180	25	9,672,498	26	16	10	9,117,459	27	17	10	1,701,015	28	84	12	1,701,015	28	90	9
24	Grimsby Power Incorporated	3,670,614	42	144	25	0	30	34,500	34,500	29	292,926	48	327,426	48	2,894,613	47	11	31	2,894,612	47	11	33	633,209	45	46	57	633,209	45	52	52
25	Guelph Hydro Electric Systems Inc.	59,741,607	11	116	41	278,441	10	103,065	381,506	11	1,377,942	25	1,759,447	20	24,920,625	14	7	62	23,290,402	15	8	60	3,782,778	16	36	63	4,255,743	16	41	61
26	Halton Hills Hydro Inc.	6,234,990	34	168	20	0	30	0	0	43	604,017	35	604,017	38	8,387,497	31	7	61	8,387,497	31	7	62	1,310,004	33	46	58	1,458,606	31	41	60
27	Hearst Power Distribution Company Limited	1,033,780	59	475	3	0	30	10,063	10,063	36	71,209	62	81,272	62	843,903	63	10	45	843,903	66	10	45	122,762	67	58	39	122,762	67	66	36
28	Horizon Utilities Corporation	116,705,818	5	105	49	2,679,921	3	194,944	2,874,865	3	10,061,393	5	12,936,258	5	84,830,304	6	15	12	84,830,304	6	15	13	14,826,453	6	68	32	17,664,321	5	73	25
29	Hydro 2000 Inc.	215,261	67	159	22	0	30	0	0	43	41,957	67	41,957	67	394,750	66	11	38	394,750	69	11	39	56,806	70	74	24	56,806	70	74	24
30	Hydro Hawkesbury Inc.	2,406,871	49	105	48	0	30	0	0	43	189,396	52	189,396	53	2,139,160	52	9	51	2,139,160	52	9	50	399,100	51	47	56	399,100	51	47	57
31	Hydro One Brampton Networks Inc.	70,364,866	7	110	45	363,847	9	139,709	503,556	7	7,314,450	7	7,818,006	7	66,798,531	7	12	27	66,798,530	7	12	30	14,629,427	7	50	52	14,994,829	7	52	49
32	Hydro One Networks Inc.	477,719,756	1	109	47	1,742,284	4	32,818	1,775,101	5	44,738,829	1	46,513,930	2	338,355,409	2	14	16	341,857,197	1	14	17	62,293,684	2	72	27	63,838,190	2	73	26
33	Hydro Ottawa Limited	99,489,881	6	133	32	389,296	7	0	389,296	10	13,469,631	4	13,858,927	4	105,242,155	5	13	19	105,242,156	5	13	21	17,214,251	5	78	17	17,591,400	6	79	16
34	InnPower Corporation	4,728,558	35	96	54	0	30	0	0	43	467,510	41	467,510	41	3,680,241	44	13	23	3,680,241	44	13	25	851,157	37	55	45	851,157	38	55	48
35	Kashechewan Power Corporation	209,344	68	20	69	0	30	0	0	43	0	69	0	69	155,966	69	0	69	1,741,263	56	0	69	358,436	54	0	69	358,436	54	0	69
36	Kenora Hydro Electric Corporation Ltd.	1,596,071	56	139	28	0	30	0	0	43	124,005	59	124,005	59	1,407,448	57	9	52	1,688,937	57	7	61	220,129	59	56	43	220,150	59	56	46
37	Kingston Hydro Corporation	14,206,168	26	57	65	0	30	17,728	17,728	34	566,812	38	584,540	39	8,674,286	29	7	63	8,631,873	29	7	63	1,716,251	27	33	65	1,716,251	27	34	65
38	Kitchener-Wilmot Hydro Inc.	27,136,429	16	143	27	0	30	0	0	43	1,754,249	20	1,754,249	21	27,710,719	11	6	65	27,710,719	11	6	65	4,634,072	14	38	62	4,634,072	15	38	64
39	Lakefront Utilities Inc.	3,639,829	43	102	51	0	30	0	0	43	265,025	50	265,025	51	3,077,834	45	9	53	3,077,834	46	9	51	511,743	46	52	49	511,744	46	52	51
40	Lakeland Power Distribution Ltd.	4,319,290	37	177	16	0	30	0	0	43	433,380	43	433,380	44	4,142,391	42	10	40	4,142,392	42	10	41	511,363	47	85	11	511,364	47	85	14
41	London Hydro Inc.	63,862,340	10	100	53	1,611,279	5	506,532	2,117,811	4	8,721,449	6	10,839,260	6	51,192,690	8	21	2	51,389,905	8	21	5	9,187,376	9	95	7	10,660,376	9	102	3
42	Midland Power Utility Corporation	3,063,543	46	182	14	0	30	0	0	43	345,045	46	345,045	47	2,739,690	49	13	24	2,739,690	48	13	26	432,693	49	80	14	432,694	49	80	15
43	Milton Hydro Distribution Inc.	9,970,719	28	169	18	0	30	41,699	41,699	27	1,563,222	23	1,604,921	23	11,911,927	24	13	17	11,908,123	22	13	18	2,051,810	24	76	18	2,205,823	24	73	27
44	Newmarket-Tay Power Distribution Ltd.	4,271,910	38	328	7	51,311	20	0	51,311	23	1,009,481	28	1,060,792	28	9,649,555	27	11	35	9,993,198	25	11	40	1,842,766	26	55	46	1,842,766	26	58	41
45	Niagara Peninsula Energy Inc.	20,191,139	20	125	36	0	30	40,000	40,000	28	2,317,811	15	2,357,811	16	19,056,865	18	12	25	19,056,865	18	12	27	2,378,879	22	97	3	2,378,879	22	99	4
46	Niagara-on-the-Lake Hydro Inc.	6,289,627	33	101	52	0	30	0	0	43	424,921	44	424,921	45	2,993,633	46	14	14	2,321,538	49	18	7	828,092	40	51	50	828,092	41	51	53
47	North Bay Hydro Distribution Limited	2,300,259	50	899	1	27,296	23	0	27,296	31	713,129	32	740,425	33	5,545,424	37	13	18	5,738,692	37	13	23	992,259	35	72	26	992,259	37	75	22
48	Northern Ontario Wires Inc.	492,913	63	295	8	6,212	27	0	6,212	39	156,126	56	162,339	56	1,174,934	59	14	15	1,139,682	62	14	15	212,627	61	73	25	212,627	61	76	19
49	Oakville Hydro Electricity Distribution Inc.	34,517,814	13	114	42	0	30	77,518	77,518	21	3,120,547	10	3,198,065	10	24,575,982	15	13	21	24,574,176	13	13	22	4,665,101	13	67	33	4,742,101	13	67	34
50	Orangeville Hydro Limited	2,889,637	47	200	11	0	30	0	0	43	229,432	51	229,432	52	3,705,603	43	6	66	3,705,604	43	6	66	412,100	50	56	44	412,100	50	56	47
51	Orillia Power Distribution Corporation	7,529,238	32	52	66	0	30	17,378	17,378	35	605,352	34	622,730	35	4,318,856	40	14	13	4,289,364	40	15	14	765,330	42	79	15	831,580	40	75	21
52	Oshawa PUC Networks Inc.	24,199,815	18	73	61	0	30	24,000	24,000	33	1,975,382	17	1,999,382	18	19,963,922	17	10	42	19,918,698	17	10	43	3,504,522	17	56	42	3,504,522	17	57	44
53	Ottawa River Power Corporation	2,614,339	48	182	15	0	30	0	0	43	353,106	45	353,106	46	2,282,373	50	15	11	2,282,373	50	15	12	366,122	53	96	6	366,122	53	96	5
54	Peterborough Distribution Incorporated	25,666,491	17	42	67	0	30	43,197	43,197	25	847,015	30	890,212	30	9,781,455	25	9	49	9,581,681	26	9	48	4,697,210	12	18	68	4,697,210	14	19	68
55	PowerStream Inc.	165,941,199	3	121	38	5,019,130	2	0	5,019,130	2	19,030,891	3	24,050,021	3	140,696,240	3	17	8	140,696,240	3	17	9	26,679,186	3	71	28	34,058,295	3	71	31
56	PUC Distribution Inc.	3,121,781	44	448	4	58,515	19	0	58,515	22	729,307	31	787,822	32	7,440,107	32	11	39	7,217,989	32	11	37	1,346,637	31	54	47	1,346,637	32	59	40
57	Renfrew Hydro Inc.	946,461	60	85	59	8,025	26	0	8,025	38	82,258	61	90,283	61	1,070,574	61	8	57	1,070,547	64	8	55	170,067	62	48	53	178,092	62	51	54
58	Rideau St. Lawrence Distribution Inc.	1,627,920	55	124	37	0	30	0	0	43	124,517	58	124,517	58	1,306,239	58	10	46	1,306,239	60	10	46	217,038	60	57	40	217,038	60	57	42
59	Sioux Lookout Hydro Inc.	764,616	61	135	31	0	30	0	0	43	61,605	63	61,605	64	1,016,095	62	6	67	1,219,314	61	5	67	128,495	64	48	55	128,512	65	48	56
60	St. Thomas Energy Inc.	1,971,651	51	331	6	25,415	24	0	25,415	32	579,723	36	605,138	36	4,643,532	38	13	20	4,558,730	38	13	20	850,507	38	68	31	850,507	39	71	29
61	Thunder Bay Hydro Electricity Distribution Inc.	36,097,692	12	71	63	485,575	6	48,109	533,684	6	2,110,681	16	2,644,365	14	12,927,445	23	20	4	10,763,047	24	25	2	2,413,463	21	87	9	2,885,599	20	92	7
62	Tillsonburg Hydro Inc.	1,483,941	57	189	13	122,716	16	0	122,716	17	158,627	55	281,343	49	2,881,461	48	10	43	939,108	65	30	1	126,641	65	125	2	167,576	63	168	2
63	Toronto Hydro-Electric System Limited	467,933,206	2	116	40	7,855,850	1	396,666	8,252,517	1	42,611,695	2	50,864,212	1	400,296,506	1	13	22	320,548,882	2	16	11	64,707,553	1	66	34	72,960,069	1	70	33
64	Veridian Connections Inc.	31,199,796	15	119	39	275,672	11	121,369	397,041	9	4,125,057	9	4,522,099	9	40,482,340	9	11	33	40,482,340	9	11	34	4,935,532	11	84	13	5,203,645	10	87	11
65	Wasaga Distribution Inc.	1,837,059	52	195	12	0	30	0	0	43	176,877	53	176,877	54	1,814,647	55	10	44	1,814,647	55	10	44	232,600	58	76	19	232,600	58	76	20
66	Waterloo North Hydro Inc.	15,800,261	23	155	23	0	30	0	0	43	1,816,067	19	1,816,067	19	21,192,868	16	9	54	21,192,868	16	9	53	3,185,447	18	57	41	3,185,447	18	57	45
67	Welland Hydro-Electric System Corp.	8,694,159	31	62	64	163,173	13	0	163,173	15	571,216	37	734,389	34	6,584,437	35	11	34	6,584,434	34	11	35	932,633	36	61	36	1,108,547	36	66	35
68	Wellington North Power Inc.	1,467,327	58	90	58	0	30	0	0	43	141,935	57	141,935	57	1,493,412	56	10	47	1,493,412	59	10	47	236,870	57	60	37	236,870	57	60	38
69	West Coast Huron Energy Inc.	1,752,338	54	143	26	0	30	0	0	43	169,605	54	169,605	55	2,012,404	54	8	58	2,012,404	53	8	56	240,844	56	70	30	240,844	56	70	32
70	Westario Power Inc.	9,007,283	30	96	55	0	30	0	0	43	553,926	40	553,926	40	6,101,269	36	9	50	6,101,269	36	9	49	1,152,483	34	48	54	1,152,485	34	48	55
71	Whitby Hydro Electric Corporation	15,473,631	24	110	44	50,281	21	0	50,281	24	1,690,118	21	1,740,399	22	15,860,460	19	11	36	15,860,460	19	11	36	811,391	41	208	1	811,391	42	214	1
Total		2,298,209,799		115		22,426,566		2,398,699	24,825,265		205,478,075		230,303,339		1,835,264,933		13		1,753,574,871		13		324,567,014		63		353,772,247		65	

Progress Report

For: Erie Thames Powerlines Corporation

#	Programs	Participation >	Net Incremental 2020 Annual Energy Savings (Progress towards 2015 - 2020 CFF LDC CDM Plan Target) >	Net Incremental 2020 Annual Peak Demand Savings >	Net Incremental First Year Energy Savings >	Net Incremental First Year Peak Demand Savings >	Net-to-Gross Adjustment - Energy >	Net-to-Gross Adjustment - Peak Demand >	Realization Rate - Energy >	Realization Rate - Peak Demand >	Gross Incremental First Year Energy Savings >	Gross Incremental First Year Peak Demand Savings >	Savings Group >	Participant Incentive Spending >	LDC Administrative Expense Spending >	Value Added Services Provider Administrative Expense Spending >	Total Administrative Expense Spending >	Total 2015-2020 CFF LDC CDM Plan Budget Spending >	Spending Group >	Total Resource Cost - Cost Effectiveness Test - Gross Benefit >	Total Resource Cost - Cost Effectiveness Test - Gross Cost >	Total Resource Cost - Cost Effectiveness Test - Net Benefit >	Total Resource Cost - Cost Effectiveness Test - Net Benefit Ratio >	Program Administrator Cost - Cost Effectiveness Test - Gross Benefit >	Program Administrator Cost - Cost Effectiveness Test - Gross Cost >	Program Administrator Cost - Cost Effectiveness Test - Net Benefit >	Program Administrator Cost - Cost Effectiveness Test - Net Benefit Ratio >	Levelized Unit Energy Cost - Benefit >	Levelized Unit Energy Cost - Cost >	Levelized Unit Energy Cost - Cost Effectiveness Test >	Cost Effectiveness Tests Group >
	2015-2020 Conservation First Framework Programs																														
	Residential Province-Wide Programs																														
1	Save on Energy Coupon Program																														
2	Save on Energy Heating & Cooling Program																														
3	Save on Energy New Construction Program																														
4	Save on Energy Home Assistance Program																														
	Sub-total: Residential Province-Wide Programs																														
	Business Province-Wide Programs																														
5	Save on Energy Audit Funding Program																														
6	Save on Energy Retrofit Program																														
7	Save on Energy Small Business Lighting Program																														
8	Save on Energy High Performance New Construction Program																														
9	Save on Energy Existing Building Commissioning Program																														
10	Save on Energy Process & Systems Upgrades Program																														
11	Save on Energy Energy Manager Program																														
12	Save on Energy Monitoring & Targeting Program																														
13	Save on Energy Retrofit Program - P4P																														
14	Save on Energy Process & Systems Upgrades Program - P4P																														
	Sub-total: Business Province-Wide Programs																														
	Local & Regional Programs																														
15	Adaptive Thermostat Local Program																														
16	Business Refrigeration Incentives Local Program																														
17	Conservation on the Coast Home Assistance Local Program																														
18	Conservation on the Coast Small Business Lighting Local Program																														
19	First Nations Conservation Local Program																														
20	High Efficiency Agriculturul Pumping Local Program																														
21	Instant Savings Local Program																														
22	OPsaver Local Program																														
23	PUMPsaver Local Program																														
24	Social Benchmarking Local Program																														
25	THESL Swimming Pool Efficiency Local Program																														
	Sub-total: Local & Regional Programs																														
	LDC Innovation Fund Pilot Programs																														
26	Air Source Heat Pump for Residential Water Heating Pilot Program																														
27	Building Optimization Pilot Program																														
28	Conservation Voltage Regulation Leveraging AMI Data Pilot Program																														
29	Demand Control Kitchen Ventilation Pilot Program																														
30	Direct Install - Hydronic Pilot Program																														
31	Direct Install - RTU Controls Pilot Program																														
32	Electronically Commutated Furnace Motor Pilot Program																														
33	Electronics Takeback Pilot Program																														
34	Home Energy Assessment and Retrofit Pilot Program																														
35	HONI HP Pilot Program																														
36	P4P for Class B Office Pilot Program																														
37	Performance Based Conservation Pilot Program																														
38	Re-Invest Pilot Program																														
39	Residential Direct Install Pilot Program																														
40	Residential Direct Mail Pilot Program																														
41	Residential Ductless Heat Pump Pilot Program																														
42	Residential Install Pilot Program																														
43	Social Benchmarking Pilot Program																														
44	Solar Powered Attic Ventilation Pilot Program																														
45	Truckload Event Pilot Program																														
	Sub-total: LDC Innovation Fund Pilot Programs																														
	Program Enabled Savings																														
46	Save on Energy Retrofit Program Enabled Savings																														
47	Save on Energy High Performance New Construction Program Enabled Savi																														
48	Save on Energy Process & Systems Upgrades Program Enabled Savings																														
	Sub-total: Program Enabled Savings																														
	Other																														
49	Proposed Program or Pilot																														
50	Unassigned Target																														
	Sub-total: Other																														
	Sub-total: 2015-2020 Conservation First Framework																														
	Conservation Fund																														
51	EnerNOC Conservation Fund Pilot Program																														
52	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra																														
53	Loblaw P4P Conservation Fund Pilot Program																														
54	Ontario Clean Water Agency P4P Conservation Fund Pilot Program																														
55	Social Benchmarking Conservation Fund Pilot Program																														
56	Strategic Energy Group Conservation Fund Pilot Program																														
	Sub-total: Conservation Fund																														
	2011-2014+2015 Extension Legacy Framework Programs																														
	Residential Program																														
57	Appliance Retirement Initiative																														
58	Coupon Initiative																														
59	Bi-Annual Retailer Event Initiative																														
60	HVAC Incentives Initiative																														
61	Residential New Construction and Major Renovation Initiative																														
	Sub-total: Residential Program																														
	Commercial & Institutional Program																														
62	Energy Audit Initiative																														
63	Efficiency: Equipment Replacement Incentive Initiative																														
64	Direct Install Lighting and Water Heating Initiative																														
65	New Construction and Major Renovation Initiative																														
66	Existing Building Commissioning Incentive Initiative																														
	Sub-total: Commercial & Institutional Program																														
	Industrial Program																														
67	Process and Systems Upgrades Initiatives - Project Incentive Initiative																														
68	Process and Systems Upgrades Initiatives - Energy Manager Initiative																														
69	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiat																														
	Sub-total: Industrial Program																														
	Low Income Program																														
70	Low Income Initiative																														
	Sub-total: Low-Income Program																														
	Other																														
71	Aboriginal Conservation Program																														
72	Program Enabled Savings																														
	Sub-total: Other																														
	Sub-total: 2011-2014+2015 Extension Legacy Framework																														
	Total																														

Progress Report

For: Province Wide

#	Programs	Participation >	Net Incremental 2020 Annual Energy Savings (Progress towards 2015 - 2020 CFF LDC CDM Plan Target) >	Net Incremental 2020 Annual Peak Demand Savings >	Net Incremental First Year Energy Savings >	Net Incremental First Year Peak Demand Savings >	Net-to-Gross Adjustment - Energy >	Net-to-Gross Adjustment - Peak Demand >	Realization Rate - Energy >	Realization Rate - Peak Demand >	Gross Incremental First Year Energy Savings >	Gross Incremental First Year Peak Demand Savings >	Savings Group >	Participant Incentive Spending >	LDC Administrative Expense Spending >	Value Added Services Provider Administrative Expense Spending >	Total Administrative Expense Spending >	Total 2015-2020 CFF LDC CDM Plan Budget Spending >	Spending Group >	Total Resource Cost - Cost Effectiveness Test - Gross Benefit >	Total Resource Cost - Cost Effectiveness Test - Gross Cost >	Total Resource Cost - Cost Effectiveness Test - Net Benefit >	Total Resource Cost - Cost Effectiveness Test - Net Benefit Ratio >	Program Administrator Cost - Cost Effectiveness Test - Gross Benefit >	Program Administrator Cost - Cost Effectiveness Test - Gross Cost >	Program Administrator Cost - Cost Effectiveness Test - Net Benefit >	Program Administrator Cost - Cost Effectiveness Test - Net Benefit Ratio >	Levelized Unit Energy Cost - Cost Effectiveness Test - Benefit >	Levelized Unit Energy Cost - Cost Effectiveness Test - Cost >	Levelized Unit Energy Cost - Cost Effectiveness Test >	Cost Effectiveness Tests Group >
	2015-2020 Conservation First Framework Programs																														
	Residential Province-Wide Programs																														
1	Save on Energy Coupon Program																														
2	Save on Energy Heating & Cooling Program																														
3	Save on Energy New Construction Program																														
4	Save on Energy Home Assistance Program																														
	Sub-total: Residential Province-Wide Programs																														
	Business Province-Wide Programs																														
5	Save on Energy Audit Funding Program																														
6	Save on Energy Retrofit Program																														
7	Save on Energy Small Business Lighting Program																														
8	Save on Energy High Performance New Construction Program																														
9	Save on Energy Existing Building Commissioning Program																														
10	Save on Energy Process & Systems Upgrades Program																														
11	Save on Energy Energy Manager Program																														
12	Save on Energy Monitoring & Targeting Program																														
13	Save on Energy Retrofit Program - P4P																														
14	Save on Energy Process & Systems Upgrades Program - P4P																														
	Sub-total: Business Province-Wide Programs																														
	Local & Regional Programs																														
15	Adaptive Thermostat Local Program																														
16	Business Refrigeration Incentives Local Program																														
17	Conservation on the Coast Home Assistance Local Program																														
18	Conservation on the Coast Small Business Lighting Local Program																														
19	First Nations Conservation Local Program																														
20	High Efficiency Agricultural Pumping Local Program																														
21	Instant Savings Local Program																														
22	OPsaver Local Program																														
23	PUMPsaver Local Program																														
24	Social Benchmarking Local Program																														
25	THESL Swimming Pool Efficiency Local Program																														
	Sub-total: Local & Regional Programs																														
	LDC Innovation Fund Pilot Programs																														
26	Air Source Heat Pump for Residential Water Heating Pilot Program																														
27	Building Optimization Pilot Program																														
28	Conservation Voltage Regulation Leveraging AMI Data Pilot Program																														
29	Demand Control Kitchen Ventilation Pilot Program																														
30	Direct Install - Hydronic Pilot Program																														
31	Direct Install - RTU Controls Pilot Program																														
32	Electronically Commutated Furnace Motor Pilot Program																														
33	Electronics Takeback Pilot Program																														
34	Home Energy Assessment and Retrofit Pilot Program																														
35	HONI HP Pilot Program																														
36	P4P for Class B Office Pilot Program																														
37	Performance Based Conservation Pilot Program																														
38	Re-Invest Pilot Program																														
39	Residential Direct Install Pilot Program																														
40	Residential Direct Mail Pilot Program																														
41	Residential Ductless Heat Pump Pilot Program																														
42	Residential Install Pilot Program																														
43	Social Benchmarking Pilot Program																														
44	Solar Powered Attic Ventilation Pilot Program																														
45	Truckload Event Pilot Program																														
	Sub-total: LDC Innovation Fund Pilot Programs																														
	Program Enabled Savings																														
46	Save on Energy Retrofit Program Enabled Savings																														
47	Save on Energy High Performance New Construction Program Enabled Savi																														
48	Save on Energy Process & Systems Upgrades Program Enabled Savings																														
	Sub-total: Program Enabled Savings																														
	Other																														
49	Proposed Program or Pilot																														
50	Unassigned Target																														
	Sub-total: Other																														
	Sub-total: 2015-2020 Conservation First Framework																														
	Conservation Fund																														
51	EnerNOC Conservation Fund Pilot Program																														
52	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra																														
53	Loblaw P4P Conservation Fund Pilot Program																														
54	Ontario Clean Water Agency P4P Conservation Fund Pilot Program																														
55	Social Benchmarking Conservation Fund Pilot Program																														
56	Strategic Energy Group Conservation Fund Pilot Program																														
	Sub-total: Conservation Fund																														
	2011-2014+2015 Extension Legacy Framework Programs																														
	Residential Program																														
57	Appliance Retirement Initiative																														
58	Coupon Initiative																														
59	Bi-Annual Retailer Event Initiative																														
60	HVAC Incentives Initiative																														
61	Residential New Construction and Major Renovation Initiative																														
	Sub-total: Residential Program																														
	Commercial & Institutional Program																														
62	Energy Audit Initiative																														
63	Efficiency: Equipment Replacement Incentive Initiative																														
64	Direct Install Lighting and Water Heating Initiative																														
65	New Construction and Major Renovation Initiative																														
66	Existing Building Commissioning Incentive Initiative																														
	Sub-total: Commercial & Institutional Program																														
	Industrial Program																														
67	Process and Systems Upgrades Initiatives - Project Incentive Initiative																														
68	Process and Systems Upgrades Initiatives - Energy Manager Initiative																														
69	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiat																														
	Sub-total: Industrial Program																														
	Low Income Program																														
70	Low Income Initiative																														
	Sub-total: Low-Income Program																														
	Other																														
71	Aboriginal Conservation Program																														
72	Program Enabled Savings																														
	Sub-total: Other																														
	Sub-total: 2011-2014+2015 Extension Legacy Framework																														
	Total																														

Savings Persistence Report

For: Erie Thames Powerlines Corporation

#	Program / Initiative Name	Implementation Year	Gross Verified Energy Savings >	Gross Verified Peak Demand Savings >	Gross Verified Savings >	Net Verified Energy Savings >	Net Verified Peak Demand Savings >	Net Verified Savings >
2015								
1	Save on Energy Coupon Program	2015						
2	Save on Energy Heating & Cooling Program	2015						
3	Save on Energy New Construction Program	2015						
4	Save on Energy Home Assistance Program	2015						
5	Save on Energy Audit Funding Program	2015						
6	Save on Energy Retrofit Program	2015						
7	Save on Energy Small Business Lighting Program	2015						
8	Save on Energy High Performance New Construction Program	2015						
9	Save on Energy Existing Building Commissioning Program	2015						
10	Save on Energy Process & Systems Upgrades Program	2015						
11	Save on Energy Energy Manager Program	2015						
12	Save on Energy Monitoring & Targeting Program	2015						
13	Save on Energy Retrofit Program - P4P	2015						
14	Save on Energy Process & Systems Upgrades Program - P4P	2015						
15	Adaptive Thermostat Local Program	2015						
16	Business Refrigeration Incentives Local Program	2015						
17	Conservation on the Coast Home Assistance Local Program	2015						
18	Conservation on the Coast Small Business Lighting Local Program	2015						
19	First Nations Conservation Local Program	2015						
20	High Efficiency Agriculturual Pumping Local Program	2015						
21	Instant Savings Local Program	2015						
22	OPsaver Local Program	2015						
23	PUMPsaver Local Program	2015						
24	Social Benchmarking Local Program	2015						
25	THESL Swimming Pool Efficiency Local Program	2015						
26	Air Source Heat Pump for Residential Water Heating Pilot Program	2015						
27	Building Optimization Pilot Program	2015						
28	Conservation Voltage Regulation Leveraging AMI Data Pilot Program	2015						
29	Demand Control Kitchen Ventilation Pilot Program	2015						
30	Direct Install - Hydronic Pilot Program	2015						
31	Direct Install - RTU Controls Pilot Program	2015						
32	Electronically Commutated Furnace Motor Pilot Program	2015						
33	Electronics Takeback Pilot Program	2015						
34	Home Energy Assessment and Retrofit Pilot Program	2015						
35	HONI HP Pilot Program	2015						
36	P4P for Class B Office Pilot Program	2015						
37	Performance Based Conservation Pilot Program	2015						
38	Re-Invest Pilot Program	2015						
39	Residential Direct Install Pilot Program	2015						
40	Residential Direct Mail Pilot Program	2015						
41	Residential Ductless Heat Pump Pilot Program	2015						
42	Residential Install Pilot Program	2015						
43	Social Benchmarking Pilot Program	2015						
44	Solar Powered Attic Ventilation Pilot Program	2015						
45	Truckload Event Pilot Program	2015						
46	Save on Energy Retrofit Program Enabled Savings	2015						
47	Save on Energy High Performance New Construction Program Enabled Savir	2015						
48	Save on Energy Process & Systems Upgrades Program Enabled Savings	2015						
49	Proposed Program or Pilot	2015						
50	Unassigned Target	2015						
51	EnerNOC Conservation Fund Pilot Program	2015						
52	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra	2015						
53	Loblaw P4P Conservation Fund Pilot Program	2015						
54	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2015						
55	Social Benchmarking Conservation Fund Pilot Program	2015						
56	Strategic Energy Group Conservation Fund Pilot Program	2015						
57	Appliance Retirement Initiative	2015						
58	Coupon Initiative	2015						
59	Bi-Annual Retailer Event Initiative	2015						
60	HVAC Incentives Initiative	2015						
61	Residential New Construction and Major Renovation Initiative	2015						
62	Energy Audit Initiative	2015						
63	Efficiency: Equipment Replacement Incentive Initiative	2015						
64	Direct Install Lighting and Water Heating Initiative	2015						
65	New Construction and Major Renovation Initiative	2015						
66	Existing Building Commissioning Incentive Initiative	2015						
67	Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015						
68	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2015						
69	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiati	2015						
70	Low Income Initiative	2015						
71	Aboriginal Conservation Program	2015						
72	Program Enabled Savings	2015						
2015 Total								
2015 Adjustment								
73	Save on Energy Coupon Program	2015 Adjustment						
74	Save on Energy Heating & Cooling Program	2015 Adjustment						
75	Save on Energy New Construction Program	2015 Adjustment						
76	Save on Energy Home Assistance Program	2015 Adjustment						
77	Save on Energy Audit Funding Program	2015 Adjustment						
78	Save on Energy Retrofit Program	2015 Adjustment						
79	Save on Energy Small Business Lighting Program	2015 Adjustment						
80	Save on Energy High Performance New Construction Program	2015 Adjustment						
81	Save on Energy Existing Building Commissioning Program	2015 Adjustment						
82	Save on Energy Process & Systems Upgrades Program	2015 Adjustment						
83	Save on Energy Energy Manager Program	2015 Adjustment						
84	Save on Energy Monitoring & Targeting Program	2015 Adjustment						
85	Save on Energy Retrofit Program - P4P	2015 Adjustment						
86	Save on Energy Process & Systems Upgrades Program - P4P	2015 Adjustment						
87	Adaptive Thermostat Local Program	2015 Adjustment						
88	Business Refrigeration Incentives Local Program	2015 Adjustment						
89	Conservation on the Coast Home Assistance Local Program	2015 Adjustment						
90	Conservation on the Coast Small Business Lighting Local Program	2015 Adjustment						
91	First Nations Conservation Local Program	2015 Adjustment						
92	High Efficiency Agriculturual Pumping Local Program	2015 Adjustment						
93	Instant Savings Local Program	2015 Adjustment						
94	OPsaver Local Program	2015 Adjustment						
95	PUMPsaver Local Program	2015 Adjustment						
96	Social Benchmarking Local Program	2015 Adjustment						
97	THESL Swimming Pool Efficiency Local Program	2015 Adjustment						
98	Air Source Heat Pump for Residential Water Heating Pilot Program	2015 Adjustment						
99	Building Optimization Pilot Program	2015 Adjustment						
100	Conservation Voltage Regulation Leveraging AMI Data Pilot Program	2015 Adjustment						
101	Demand Control Kitchen Ventilation Pilot Program	2015 Adjustment						
102	Direct Install - Hydronic Pilot Program	2015 Adjustment						
103	Direct Install - RTU Controls Pilot Program	2015 Adjustment						
104	Electronically Commutated Furnace Motor Pilot Program	2015 Adjustment						
105	Electronics Takeback Pilot Program	2015 Adjustment						
106	Home Energy Assessment and Retrofit Pilot Program	2015 Adjustment						
107	HONI HP Pilot Program	2015 Adjustment						
108	P4P for Class B Office Pilot Program	2015 Adjustment						
109	Performance Based Conservation Pilot Program	2015 Adjustment						
110	Re-Invest Pilot Program	2015 Adjustment						
111	Residential Direct Install Pilot Program	2015 Adjustment						
112	Residential Direct Mail Pilot Program	2015 Adjustment						
113	Residential Ductless Heat Pump Pilot Program	2015 Adjustment						
114	Residential Install Pilot Program	2015 Adjustment						
115	Social Benchmarking Pilot Program	2015 Adjustment						
116	Solar Powered Attic Ventilation Pilot Program	2015 Adjustment						
117	Truckload Event Pilot Program	2015 Adjustment						
118	Save on Energy Retrofit Program Enabled Savings	2015 Adjustment						
119	Save on Energy High Performance New Construction Program Enabled Savir	2015 Adjustment						
120	Save on Energy Process & Systems Upgrades Program Enabled Savings	2015 Adjustment						
121	Proposed Program or Pilot	2015 Adjustment						
122	Unassigned Target	2015 Adjustment						
123	EnerNOC Conservation Fund Pilot Program	2015 Adjustment						
124	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra	2015 Adjustment						
125	Loblaw P4P Conservation Fund Pilot Program	2015 Adjustment						
126	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2015 Adjustment						
127	Strategic Energy Group Conservation Fund Pilot Program	2015 Adjustment						
128	Social Benchmarking Conservation Fund Pilot Program	2015 Adjustment						
129	Appliance Retirement Initiative	2015 Adjustment						
130	Coupon Initiative	2015 Adjustment						
131	Bi-Annual Retailer Event Initiative	2015 Adjustment						
132	HVAC Incentives Initiative	2015 Adjustment						
133	Residential New Construction and Major Renovation Initiative	2015 Adjustment						
134	Energy Audit Initiative	2015 Adjustment						
135	Efficiency: Equipment Replacement Incentive Initiative	2015 Adjustment						
136	Direct Install Lighting and Water Heating Initiative	2015 Adjustment						
137	New Construction and Major Renovation Initiative	2015 Adjustment						
138	Existing Building Commissioning Incentive Initiative	2015 Adjustment						
139	Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015 Adjustment						
140	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2015 Adjustment						
141	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiati	2015 Adjustment						
142	Low Income Initiative	2015 Adjustment						
143	Aboriginal Conservation Program	2015 Adjustment						
144	Program Enabled Savings	2015 Adjustment						
2015 Adjustment Total								
2016								
145	Save on Energy Coupon Program	2016						
146	Save on Energy Heating & Cooling Program	2016						
147	Save on Energy New Construction Program	2016						
148	Save on Energy Home Assistance Program	2016						
149	Save on Energy Audit Funding Program	2016						
150	Save on Energy Retrofit Program	2016						
151	Save on Energy Small Business Lighting Program	2016						
152	Save on Energy High Performance New Construction Program	2016						
153	Save on Energy Existing Building Commissioning Program	2016						
154	Save on Energy Process & Systems Upgrades Program	2016						
155	Save on Energy Energy Manager Program	2016						
156	Save on Energy Monitoring & Targeting Program	2016						
157	Save on Energy Retrofit Program - P4P	2016						
158	Save on Energy Process & Systems Upgrades Program - P4P	2016						
159	Adaptive Thermostat Local Program	2016						
160	Business Refrigeration Incentives Local Program	2016						
161	Conservation on the Coast Home Assistance Local Program	2016						
162	Conservation on the Coast Small Business Lighting Local Program	2016						
163	First Nations Conservation Local Program	2016						
164	High Efficiency Agriculturual Pumping Local Program	2016						
165	Instant Savings Local Program	2016						
166	OPsaver Local Program	2016						
167	PUMPsaver Local Program	2016						
168	Social Benchmarking Local Program	2016						
169	THESL Swimming Pool Efficiency Local Program	2016						
170	Air Source Heat Pump for Residential Water Heating Pilot Program	2016						
171	Building Optimization Pilot Program	2016						
172	Conservation Voltage Regulation Leveraging AMI Data Pilot Program	2016						
173	Demand Control Kitchen Ventilation Pilot Program	2016						
174	Direct Install - Hydronic Pilot Program	2016						
175	Direct Install - RTU Controls Pilot Program	2016						
176	Electronically Commutated Furnace Motor Pilot Program	2016						
177	Electronics Takeback Pilot Program	2016						
178	Home Energy Assessment and Retrofit Pilot Program	2016						
179	HONI HP Pilot Program	2016						
180	P4P for Class B Office Pilot Program	2016						
181	Performance Based Conservation Pilot Program	2016						
182	Re-Invest Pilot Program	2016						
183	Residential Direct Install Pilot Program	2016						
184	Residential Direct Mail Pilot Program	2016						
185	Residential Ductless Heat Pump Pilot Program	2016						
186	Residential Install Pilot Program	2016						
187	Social Benchmarking Pilot Program	2016						
188	Solar Powered Attic Ventilation Pilot Program	2016						
189	Truckload Event Pilot Program	2016						
190	Save on Energy Retrofit Program Enabled Savings	2016						
191	Save on Energy High Performance New Construction Program Enabled Savir	2016						
192	Save on Energy Process & Systems Upgrades Program Enabled Savings	2016						
193	Proposed Program or Pilot	2016						
194	Unassigned Target	2016						
195	EnerNOC Conservation Fund Pilot Program	2016						
196	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra	2016						
197	Loblaw P4P Conservation Fund Pilot Program	2016						
198	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2016						
199	Strategic Energy Group Conservation Fund Pilot Program	2016						
200	Social Benchmarking Conservation Fund Pilot Program	2016						
201	Appliance Retirement Initiative	2016						
202	Coupon Initiative	2016						
203	Bi-Annual Retailer Event Initiative	2016						
204	HVAC Incentives Initiative	2016						
205	Residential New Construction and Major Renovation Initiative	2016						
206	Energy Audit Initiative	2016						
207	Efficiency: Equipment Replacement Incentive Initiative	2016						
208	Direct Install Lighting and Water Heating Initiative	2016						
209	New Construction and Major Renovation Initiative	2016						
210	Existing Building Commissioning Incentive Initiative	2016						
211	Process and Systems Upgrades Initiatives - Project Incentive Initiative	2016						
212	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2016						
213	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiati	2016						
214	Low Income Initiative	2016						
215	Aboriginal Conservation Program	2016						
216	Program Enabled Savings	2016						
2016 Total								
Total								

Savings Persistence Report

For: Province Wide

#	Program / Initiative Name	Implementation Year	Gross Verified Energy Savings >	Gross Verified Peak Demand Savings >	Gross Verified Savings >	Net Verified Energy Savings >	Net Verified Peak Demand Savings >	Net Verified Savings >
2015								
1	Save on Energy Coupon Program	2015						
2	Save on Energy Heating & Cooling Program	2015						
3	Save on Energy New Construction Program	2015						
4	Save on Energy Home Assistance Program	2015						
5	Save on Energy Audit Funding Program	2015						
6	Save on Energy Retrofit Program	2015						
7	Save on Energy Small Business Lighting Program	2015						
8	Save on Energy High Performance New Construction Program	2015						
9	Save on Energy Existing Building Commissioning Program	2015						
10	Save on Energy Process & Systems Upgrades Program	2015						
11	Save on Energy Energy Manager Program	2015						
12	Save on Energy Monitoring & Targeting Program	2015						
13	Save on Energy Retrofit Program - P4P	2015						
14	Save on Energy Process & Systems Upgrades Program - P4P	2015						
15	Adaptive Thermostat Local Program	2015						
16	Business Refrigeration Incentives Local Program	2015						
17	Conservation on the Coast Home Assistance Local Program	2015						
18	Conservation on the Coast Small Business Lighting Local Program	2015						
19	First Nations Conservation Local Program	2015						
20	High Efficiency Agriculturual Pumping Local Program	2015						
21	Instant Savings Local Program	2015						
22	OPsaver Local Program	2015						
23	PUMPsaver Local Program	2015						
24	Social Benchmarking Local Program	2015						
25	THESL Swimming Pool Efficiency Local Program	2015						
26	Air Source Heat Pump for Residential Water Heating Pilot Program	2015						
27	Building Optimization Pilot Program	2015						
28	Conservation Voltage Regulation Leveraging AMI Data Pilot Program	2015						
29	Demand Control Kitchen Ventilation Pilot Program	2015						
30	Direct Install - Hydronic Pilot Program	2015						
31	Direct Install - RTU Controls Pilot Program	2015						
32	Electronically Commutated Furnace Motor Pilot Program	2015						
33	Electronics Takeback Pilot Program	2015						
34	Home Energy Assessment and Retrofit Pilot Program	2015						
35	HONI HP Pilot Program	2015						
36	P4P for Class B Office Pilot Program	2015						
37	Performance Based Conservation Pilot Program	2015						
38	Re-Invest Pilot Program	2015						
39	Residential Direct Install Pilot Program	2015						
40	Residential Direct Mail Pilot Program	2015						
41	Residential Ductless Heat Pump Pilot Program	2015						
42	Residential Install Pilot Program	2015						
43	Social Benchmarking Pilot Program	2015						
44	Solar Powered Attic Ventilation Pilot Program	2015						
45	Truckload Event Pilot Program	2015						
46	Save on Energy Retrofit Program Enabled Savings	2015						
47	Save on Energy High Performance New Construction Program Enabled Savir	2015						
48	Save on Energy Process & Systems Upgrades Program Enabled Savings	2015						
49	Proposed Program or Pilot	2015						
50	Unassigned Target	2015						
51	EnerNOC Conservation Fund Pilot Program	2015						
52	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra	2015						
53	Loblaw P4P Conservation Fund Pilot Program	2015						
54	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2015						
55	Strategic Energy Group Conservation Fund Pilot Program	2015						
56	Social Benchmarking Conservation Fund Pilot Program	2015						
57	Appliance Retirement Initiative	2015						
58	Coupon Initiative	2015						
59	Bi-Annual Retailer Event Initiative	2015						
60	HVAC Incentives Initiative	2015						
61	Residential New Construction and Major Renovation Initiative	2015						
62	Energy Audit Initiative	2015						
63	Efficiency: Equipment Replacement Incentive Initiative	2015						
64	Direct Install Lighting and Water Heating Initiative	2015						
65	New Construction and Major Renovation Initiative	2015						
66	Existing Building Commissioning Incentive Initiative	2015						
67	Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015						
68	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2015						
69	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiati	2015						
70	Low Income Initiative	2015						
71	Aboriginal Conservation Program	2015						
72	Program Enabled Savings	2015						
2015 Total								
2015 Adjustment								
73	Save on Energy Coupon Program	2015 Adjustment						
74	Save on Energy Heating & Cooling Program	2015 Adjustment						
75	Save on Energy New Construction Program	2015 Adjustment						
76	Save on Energy Home Assistance Program	2015 Adjustment						
77	Save on Energy Audit Funding Program	2015 Adjustment						
78	Save on Energy Retrofit Program	2015 Adjustment						
79	Save on Energy Small Business Lighting Program	2015 Adjustment						
80	Save on Energy High Performance New Construction Program	2015 Adjustment						
81	Save on Energy Existing Building Commissioning Program	2015 Adjustment						
82	Save on Energy Process & Systems Upgrades Program	2015 Adjustment						
83	Save on Energy Energy Manager Program	2015 Adjustment						
84	Save on Energy Monitoring & Targeting Program	2015 Adjustment						
85	Save on Energy Retrofit Program - P4P	2015 Adjustment						
86	Save on Energy Process & Systems Upgrades Program - P4P	2015 Adjustment						
87	Adaptive Thermostat Local Program	2015 Adjustment						
88	Business Refrigeration Incentives Local Program	2015 Adjustment						
89	Conservation on the Coast Home Assistance Local Program	2015 Adjustment						
90	Conservation on the Coast Small Business Lighting Local Program	2015 Adjustment						
91	First Nations Conservation Local Program	2015 Adjustment						
92	High Efficiency Agriculturual Pumping Local Program	2015 Adjustment						
93	Instant Savings Local Program	2015 Adjustment						
94	OPsaver Local Program	2015 Adjustment						
95	PUMPsaver Local Program	2015 Adjustment						
96	Social Benchmarking Local Program	2015 Adjustment						
97	THESL Swimming Pool Efficiency Local Program	2015 Adjustment						
98	Air Source Heat Pump for Residential Water Heating Pilot Program	2015 Adjustment						
99	Building Optimization Pilot Program	2015 Adjustment						
100	Conservation Voltage Regulation Leveraging AMI Data Pilot Program	2015 Adjustment						
101	Demand Control Kitchen Ventilation Pilot Program	2015 Adjustment						
102	Direct Install - Hydronic Pilot Program	2015 Adjustment						
103	Direct Install - RTU Controls Pilot Program	2015 Adjustment						
104	Electronically Commutated Furnace Motor Pilot Program	2015 Adjustment						
105	Electronics Takeback Pilot Program	2015 Adjustment						
106	Home Energy Assessment and Retrofit Pilot Program	2015 Adjustment						
107	HONI HP Pilot Program	2015 Adjustment						
108	P4P for Class B Office Pilot Program	2015 Adjustment						
109	Performance Based Conservation Pilot Program	2015 Adjustment						
110	Re-Invest Pilot Program	2015 Adjustment						
111	Residential Direct Install Pilot Program	2015 Adjustment						
112	Residential Direct Mail Pilot Program	2015 Adjustment						
113	Residential Ductless Heat Pump Pilot Program	2015 Adjustment						
114	Residential Install Pilot Program	2015 Adjustment						
115	Social Benchmarking Pilot Program	2015 Adjustment						
116	Solar Powered Attic Ventilation Pilot Program	2015 Adjustment						
117	Truckload Event Pilot Program	2015 Adjustment						
118	Save on Energy Retrofit Program Enabled Savings	2015 Adjustment						
119	Save on Energy High Performance New Construction Program Enabled Savir	2015 Adjustment						
120	Save on Energy Process & Systems Upgrades Program Enabled Savings	2015 Adjustment						
121	Proposed Program or Pilot	2015 Adjustment						
122	Unassigned Target	2015 Adjustment						
123	EnerNOC Conservation Fund Pilot Program	2015 Adjustment						
124	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra	2015 Adjustment						
125	Loblaw P4P Conservation Fund Pilot Program	2015 Adjustment						
126	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2015 Adjustment						
127	Strategic Energy Group Conservation Fund Pilot Program	2015 Adjustment						
128	Social Benchmarking Conservation Fund Pilot Program	2015 Adjustment						
129	Appliance Retirement Initiative	2015 Adjustment						
130	Coupon Initiative	2015 Adjustment						
131	Bi-Annual Retailer Event Initiative	2015 Adjustment						
132	HVAC Incentives Initiative	2015 Adjustment						
133	Residential New Construction and Major Renovation Initiative	2015 Adjustment						
134	Energy Audit Initiative	2015 Adjustment						
135	Efficiency: Equipment Replacement Incentive Initiative	2015 Adjustment						
136	Direct Install Lighting and Water Heating Initiative	2015 Adjustment						
137	New Construction and Major Renovation Initiative	2015 Adjustment						
138	Existing Building Commissioning Incentive Initiative	2015 Adjustment						
139	Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015 Adjustment						
140	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2015 Adjustment						
141	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiati	2015 Adjustment						
142	Low Income Initiative	2015 Adjustment						
143	Aboriginal Conservation Program	2015 Adjustment						
144	Program Enabled Savings	2015 Adjustment						
2015 Adjustment Total								
2016								
145	Save on Energy Coupon Program	2016						
146	Save on Energy Heating & Cooling Program	2016						
147	Save on Energy New Construction Program	2016						
148	Save on Energy Home Assistance Program	2016						
149	Save on Energy Audit Funding Program	2016						
150	Save on Energy Retrofit Program	2016						
151	Save on Energy Small Business Lighting Program	2016						
152	Save on Energy High Performance New Construction Program	2016						
153	Save on Energy Existing Building Commissioning Program	2016						
154	Save on Energy Process & Systems Upgrades Program	2016						
155	Save on Energy Energy Manager Program	2016						
156	Save on Energy Monitoring & Targeting Program	2016						
157	Save on Energy Retrofit Program - P4P	2016						
158	Save on Energy Process & Systems Upgrades Program - P4P	2016						
159	Adaptive Thermostat Local Program	2016						
160	Business Refrigeration Incentives Local Program	2016						
161	Conservation on the Coast Home Assistance Local Program	2016						
162	Conservation on the Coast Small Business Lighting Local Program	2016						
163	First Nations Conservation Local Program	2016						
164	High Efficiency Agriculturual Pumping Local Program	2016						
165	Instant Savings Local Program	2016						
166	OPsaver Local Program	2016						
167	PUMPsaver Local Program	2016						
168	Social Benchmarking Local Program	2016						
169	THESL Swimming Pool Efficiency Local Program	2016						
170	Air Source Heat Pump for Residential Water Heating Pilot Program	2016						
171	Building Optimization Pilot Program	2016						
172	Conservation Voltage Regulation Leveraging AMI Data Pilot Program	2016						
173	Demand Control Kitchen Ventilation Pilot Program	2016						
174	Direct Install - Hydronic Pilot Program	2016						
175	Direct Install - RTU Controls Pilot Program	2016						
176	Electronically Commutated Furnace Motor Pilot Program	2016						
177	Electronics Takeback Pilot Program	2016						
178	Home Energy Assessment and Retrofit Pilot Program	2016						
179	HONI HP Pilot Program	2016						
180	P4P for Class B Office Pilot Program	2016						
181	Performance Based Conservation Pilot Program	2016						
182	Re-Invest Pilot Program	2016						
183	Residential Direct Install Pilot Program	2016						
184	Residential Direct Mail Pilot Program	2016						
185	Residential Ductless Heat Pump Pilot Program	2016						
186	Residential Install Pilot Program	2016						
187	Social Benchmarking Pilot Program	2016						
188	Solar Powered Attic Ventilation Pilot Program	2016						
189	Truckload Event Pilot Program	2016						
190	Save on Energy Retrofit Program Enabled Savings	2016						
191	Save on Energy High Performance New Construction Program Enabled Savir	2016						
192	Save on Energy Process & Systems Upgrades Program Enabled Savings	2016						
193	Proposed Program or Pilot	2016						
194	Unassigned Target	2016						
195	EnerNOC Conservation Fund Pilot Program	2016						
196	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra	2016						
197	Loblaw P4P Conservation Fund Pilot Program	2016						
198	Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2016						
199	Strategic Energy Group Conservation Fund Pilot Program	2016						
200	Social Benchmarking Conservation Fund Pilot Program	2016						
201	Appliance Retirement Initiative	2016						
202	Coupon Initiative	2016						
203	Bi-Annual Retailer Event Initiative	2016						
204	HVAC Incentives Initiative	2016						
205	Residential New Construction and Major Renovation Initiative	2016						
206	Energy Audit Initiative	2016						
207	Efficiency: Equipment Replacement Incentive Initiative	2016						
208	Direct Install Lighting and Water Heating Initiative	2016						
209	New Construction and Major Renovation Initiative	2016						
210	Existing Building Commissioning Incentive Initiative	2016						
211	Process and Systems Upgrades Initiatives - Project Incentive Initiative	2016						
212	Process and Systems Upgrades Initiatives - Energy Manager Initiative	2016						
213	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiati	2016						
214	Low Income Initiative	2016						
215	Aboriginal Conservation Program	2016						
216	Program Enabled Savings	2016						
2016 Total								
Total								

Final Verified 2016 Annual LDC CDM Program Results Report

Methodology

General

All results are at the end-user level (not including transmission and distribution losses) and reported to IESO by April 15, 2017. 2015 results are based on projects completed between January 1, 2015 and December 31, 2015 and reported to the IESO by March 31, 2016. 2015 Adjustment results are based on projects completed between January 1, 2015 and December 31, 2015 and reported to the IESO between April 1, 2016 and April 15 2017. 2016 results are based on projects compelted between January 1, 2016 and December 31, 2016 and reported to the IESO by April 15, 2017.

Legacy Framework results are based on projects begun prior to an LDC's transition to the Conservation First Framework program and completed by December 31, 2015. Conservation First Framework results are based on projects begun after an LDC's transition to the Conservation First Framework program and projects transitioned to the Conservation First Framework through a valid Extension Agreement or eligible Programs.

Savings Calculations

#	Project Type	Attributing Savings to LDCs
1	Prescriptive Measures and Projects Programs	**Gross Reported Savings** = Activity * Per Unit Assumption Savings **Gross Verified Savings** = Gross Reported Savings * Realization Rate **Net Verified Savings** = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
2	Engineered and Custom Projects / Programs	**Gross Reported Savings** = Reported Savings **Gross Verified Savings** = Gross Reported Savings * Realization Rate **Net Verified Savings** = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
3	Adjustments to Previous Years' Verified Results	All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the annual effect of energy savings.

Cost Determination

Costs are determined and allocated to the period based on the date the cost has been reported to the IESO regardless of when the cost was incurred.

E.g. if an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2016 program year.

However if the same is reported in or after the January 2017 IESO Reporting Period: i) the savings will be attributed to the 2016 program year; ii) the expenditures will be attributed to the 2017 program year and will not appear in the 2016 Verified Results Report; but iii) the project's Participant Incentives will be used to calculate 2016 Cost Effectiveness;

2015-2020 Conservation First Framework

#	Program	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2017	Savings are considered to begin in the year in which the coupon was redeemed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
2	Save on Energy Heating & Cooling Program	Results directly attributed to LDC based on customer applications and postal code.	April 15, 2017	Savings are considered to begin in the year that the installation occurred.	
3	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in LDC Report	April 15, 2017	Savings are considered to begin in the year of the project completion date.	
4	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year in which the measures were installed.	
5	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
6	Save on Energy Retrofit Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year of the actual project completion date as reported in the LDC Report	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
7	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2017	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
8	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM LDC Report Template. Preliminary unverified net savings are calculated by multiplying reported savings by 2014 Net-to-gross ratios and realization rates.
9	Save on Energy Existing Building Commissioning Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year of the actual project completion date.	
10	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2017	Savings are considered to begin in the year in which the project was in-service.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
11	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year in which the project was completed by the energy manager.	
12	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year in which the incentive project was completed.	

2011-2014+2015 Extension Legacy Framework

#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	saveONenergy Appliance Retirement Initiative	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	April 15, 2017	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
2	saveONenergy Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2017	Savings are considered to begin in the year in which the coupon was redeemed.	
3	saveONenergy Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2017	Savings are considered to begin in the year in which the event occurs.	
4	saveONenergy HVAC Incentives	Results directly attributed to LDC based on customer applications and postal code.	April 15, 2017	Savings are considered to begin in the year that the installation occurred.	
5	saveONenergy Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system.	April 15, 2017	Savings are considered to begin in the year of the project completion date.	
6	saveONenergy Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
7	saveONenergy Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	April 15, 2017	Savings are considered to begin in the year of the actual project completion date in the iCON system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014)
8	saveONenergy Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2017	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
9	saveONenergy New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017		Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
10	saveONenergy Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017		
11	saveONenergy Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2017	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
12	saveONenergy Energy Manager	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2017	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	
13	saveONenergy Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2017	Savings are considered to begin in the year in which the incentive project was completed.	
14	saveONenergy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
15	Aboriginal Conservation Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2017		
16	Program Enabled Savings		April 15, 2017		

Final Verified 2016 Annual LDC CDM Program Results Report

Consumer Program Allocation Reference Table

#	Local Distribution Company	Allocation (%)
1	Algoma Power Inc.	0.18
2	Atikokan Hydro Inc.	0.02
3	Attawapiskat Power Corporation	0.01
4	Bluewater Power Distribution Corporation	0.62
5	Brantford Power Inc.	0.67
6	Burlington Hydro Inc.	1.34
7	Canadian Niagara Power Inc.	0.35
8	Centre Wellington Hydro Ltd.	0.11
9	Chapleau Public Utilities Corporation	0.03
10	COLLUS PowerStream Corp.	0.25
11	Cooperative Hydro Embrun Inc.	0.06
12	E.L.K. Energy Inc.	0.25
13	Energy+ Inc.	1.12
14	Enersource Hydro Mississauga Inc.	4.64
15	Entegrus Powerlines Inc.	0.70
16	EnWin Utilities Ltd.	1.49
17	Erie Thames Powerlines Corporation	0.32
18	Espanola Regional Hydro Distribution Corporation	0.06
19	Essex Powerlines Corporation	0.61
20	Festival Hydro Inc.	0.32
21	Fort Albany Power Corporation	0.01
22	Fort Frances Power Corporation	0.09
23	Greater Sudbury Hydro Inc.	0.80
24	Grimsby Power Incorporated	0.18
25	Guelph Hydro Electric Systems Inc.	0.85
26	Halton Hills Hydro Inc.	0.59
27	Hearst Power Distribution Company Limited	0.05
28	Horizon Utilities Corporation	3.72
29	Hydro 2000 Inc.	0.04
30	Hydro Hawkesbury Inc.	0.15
31	Hydro One Brampton Networks Inc.	3.59
32	Hydro One Networks Inc.	27.29
33	Hydro Ottawa Limited	6.61
34	InnPower Corporation	0.33
35	Kashechewan Power Corporation	0.02
36	Kenora Hydro Electric Corporation Ltd.	0.09
37	Kingston Hydro Corporation	0.29
38	Kitchener-Wilmot Hydro Inc.	1.51
39	Lakefront Utilities Inc.	0.11
40	Lakeland Power Distribution Ltd.	0.23
41	London Hydro Inc.	2.61
42	Midland Power Utility Corporation	0.10
43	Milton Hydro Distribution Inc.	0.66
44	Newmarket-Tay Power Distribution Ltd.	0.60
45	Niagara Peninsula Energy Inc.	0.82
46	Niagara-on-the-Lake Hydro Inc.	0.13
47	North Bay Hydro Distribution Limited	0.42
48	Northern Ontario Wires Inc.	0.09
49	Oakville Hydro Electricity Distribution Inc.	1.51
50	Orangeville Hydro Limited	0.20
51	Orillia Power Distribution Corporation	0.22
52	Oshawa PUC Networks Inc.	1.48
53	Ottawa River Power Corporation	0.12
54	Peterborough Distribution Incorporated	0.46
55	PowerStream Inc.	7.82
56	PUC Distribution Inc.	0.65
57	Renfrew Hydro Inc.	0.05
58	Rideau St. Lawrence Distribution Inc.	0.07
59	Sioux Lookout Hydro Inc.	0.08
60	St. Thomas Energy Inc.	0.28
61	Thunder Bay Hydro Electricity Distribution Inc.	0.82
62	Tillsonburg Hydro Inc.	0.12
63	Toronto Hydro-Electric System Limited	15.57
64	Veridian Connections Inc.	2.39
65	Wasaga Distribution Inc.	0.18
66	Waterloo North Hydro Inc.	0.96
67	Welland Hydro-Electric System Corp.	0.31
68	Wellington North Power Inc.	0.06
69	West Coast Huron Energy Inc.	0.06
70	Westario Power Inc.	0.37
71	Whitby Hydro Electric Corporation	1.12
Total		**100.00**

Final Verified 2016 Annual LDC CDM Program Results Report
Glossary

#	Term	Definition
	Reporting Terms	
1	Forecast	An LDCs' forecast of program activity, savings, net-to-gross adjustments, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools. Forecasts at the province wide level are the sum of all LDCs' forecasts.
2	Reported	Program activity savings and expenditures as determined by the LDC. For savings: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
3	Verified	The IESO's annually EM&V assessed program activity, savings, net-to-gross, expenditures and cost effectiveness. Preliminary Verified results are provided by June 1st of each year and Final Verfied results are provided by July 1st of each year.
4	Adjustment	Verified results that were achieved in previous years but were not provided in a previous years' Annual Verified Results Report.
5	Progress or Comparison	An assessment of Actual results versus Verified results.
	Framework Terms	
6	2011-2014+2015 Extension Legacy Framework	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
7	2015-2020 Conservation First Framework	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
8	LDC Innovation Fund	A source of funding under the 2015-2020 Conservation First Framework separate from LDC CDM Plan Budgets that the IESO maintains to support LDC led program design and market testing of new initiatives. Savings from LDC Innovation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
9	Conservation Fund	A source of funding external to the 2015-2020 Conservation First Framework that provides financial support for innovative electricity conservation technologies, practices, research, and pilot programs. Savings from Conservation Fund pilot programs contribute to the LDCs savings targets based on the LDC service territory the pilot program is delivered in.
	Programs Terms	
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Coupon; or Retrofit;) from the 2015-2020 Conservation First Framework.
11	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
12	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
13	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
14	Pilot Program	A program pilot that may achieve energy or demand savings and is funded separately from an LDC's CDM Plan Budget.
15	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
	Activity Terms	
16	Participation	A measure of the level of program participation, such as number of projects, homes, equipment, etc..
17	Unit of Measure	For a specific initiative the relevant type of participation acquired in the market place (e.g. appliances picked up; coupon products installed; HVAC equipment installed; audits performed; or projects completed;).
	Savings Terms	
18	Energy Savings	Energy savings attributable to conservation and demand management activities.
19	Peak Demand Savings	Peak Demand savings attributable to conservation and demand management activities, as determined by the IESO's EM&V Protocols.
20	Incremental Savings	The energy or peak demand savings newly attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'. Savings attributed to activity performed or completed in 2016 are presented as 2016 savings.
21	First Year Savings	The energy or peak demand savings that occur in the year it was achieved (includes resource savings from only new program activity).
22	Annual Savings	The energy or peak demand savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
23	Gross Savings	The energy or peak demand savings that have been reported based on a conservation and demand management program's participation tracking.
24	Net Savings	The energy or peak demand savings attributable to conservation and demand management activities, net of free-riders, spill over, etc.
25	Realization Rate	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts; adjustment for connected demand savings to peak demand savings; etc.
26	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc.
27	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.
28	Spillover	Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.
29	Allocated Target	Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
	Costs Terms	
30	Participant Incentive	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
31	LDC Administrative Expense	Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc.
32	IESO Value Added Services Cost	Costs incurred by the IESO's Value Added Service Provider related to associated programs (Coupons and Heating & Cooling), and charged to the LDC in which the programs's activity took place.
33	Total Administrative Expense	The sum of LDC Adminsitrative Expense and IESO Value Added Services Cost.
34	Delivery Cost	The sum of Total Administrative Expenses and Participant Incentives. **All costs are presented based on the period reported by LDCs to the IESO, not necessarily associated with reported activity.** **E.g. if an LDC reports by the December 2016 IESO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2016 completed project, then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2016 program year.** **However if the same is reported in or after the January 2017 IESO Reporting Period: i) the savings will be attributed to the 2016 program year; ii) the expenditures will be attributed to the 2017 program year and will not appear in the 2016 Verified Results Report; but iii) the project's Participant Incentives will be used to calculate 2016 Cost Effectiveness;**
35	Allocated Budget	Each LDC's assigned portion of the Province's $ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
	Cost Effectiveness Terms	
36	Total Resource Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs.
37	Program Administrator Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant.
38	Levelized Unit Energy Cost Cost Effectiveness Test	A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced.

Attachment 16 (of 21):

4-P Appendix 2M

File Number:	2017-0038
Exhibit:	4
Tab:	6
Schedule:	3
Page:	
Date:	September 8 2017

Appendix 2-M
Regulatory Cost Schedule

	Regulatory Cost Category	USoA Account	USoA Account Balance	Ongoing or One-time Cost? [2]	Last Rebasing Year (2012 Board Approved)	Most Current Actuals Year 2016	2017 Bridge Year	Annual % Change	2018 Test Year	Annual % Change
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = [(G)-(F)]/(F)	(I)	(J) = [(I)-(G)]/(G)
1	OEB Annual Assessment	5655	$ 71,081	On-Going	$ 53,948	$ 71,081	$ 83,308	17.20%	$ 86,640	4.00%
2	OEB Section 30 Costs (Applicant-originated)	5655	$ 71,081	On-Going		$ 71,081	$ 4,192	-94.10%	$ 5,500	31.20%
3	OEB Section 30 Costs (OEB-initiated)									
4	Expert Witness costs for regulatory matters			One-Time	$ 15,000					
5	Legal costs for regulatory matters	5630	$ 315,346	One-Time	$ 75,000.00	$ 7,401.36	$ 58,594.10	691.67%	$ 23,437.64	-60.00%
6	Consultants' costs for regulatory matters	5630	$ 315,346	One-Time	$ 105,000.00	$ 4,598.64	$ 36,405.90	691.67%	$ 14,562.36	-60.00%
7	Operating expenses associated with staff resources allocated to regulatory matters	5630	$ 315,346	One-Time		$ 57,105.26	$ 28,000.00	-50.97%	$ 5,000	-82.14%
8	Operating expenses associated with other resources allocated to regulatory matters [1]	5630	$ 315,346	One-Time					$ 12,000	
9	Other regulatory agency fees or assessments									
10	Any other costs for regulatory matters (please define) Cyber Security and Risk	5655	$ 71,081	On-Going					$ 130,000	
11	Intervenor costs				$ 30,000	$ -	$ -		$ 70,000	
12	Sub-total - Ongoing Costs [3]		$ -		$ -	$ -	$ -		$ -	
13	Sub-total - One-time Costs [4]		$ -		$ -	$ -	$ -		$ -	
14	Total		$ -		$ -	$ -	$ -		$ -	

Please fill out the following table for all one-time costs related to this cost of service application to be amortized over the test year plus the IRM period.

		Historical Year(s)	2017 Bridge Year	2018 Test Year
4	Expert Witness costs			
5	Legal costs	$ 7,401.36	$ 58,594.10	$ 23,437.64
6	Consultants' costs	$ 4,598.64	$ 36,405.90	$ 14,562.36
7	Incremental operating expenses associated with staff resources allocated to this application.	$ 57,105.26	$ 28,000.00	$ 5,000.00
8	Incremental operating expenses associated with other resources allocated to this application. [1]			$ 12,000.00
11	Intervenor costs			$ 70,000.00

Notes:

1 Please identify the resources involved.

2 Where a category's costs include both one-time and ongoing costs, the applicant should prove a separate breakdown between one-time and ongoing costs.

3 Sum of all ongoing costs identified in rows 1 to 11 inclusive.

4 Sum of all one-time costs identified in rows 1 to 11 inclusive.

Attachment 17 (of 21):

4-Q 2011-2014 CDM Results

Message from the Vice President:

The IESO is pleased to provide the enclosed 2011-2014 Final Results Report. This report is designed to help populate LDC Annual Reports that will be submitted to the Ontario Energy Board (OEB) in September 2015.

2011-2014 Conservation Framework Highlights:

- LDCs have made significant achievements against dual energy and peak demand savings targets. Collectively, the LDCs have achieved 109% of the energy target and 70% of the peak demand target.
- Momentum has built as we transition to the Conservation First Framework. 2014 demonstrated an achievement of over 1 TWh of net incremental energy savings, positioning us well for average net incremental energy savings of 1.2 TWh required in the new framework to meet our 2020 CDM targets.
- Throughout the past framework, program results have become more predictable year over year as noted in the increasingly smaller variance between quarterly preliminary results and verified final results.
- Customer engagement continued to increase in both the Consumer and Business Programs. Between 2011 - 2014 consumers have purchased over 10 million energy efficient products through the saveONenergy COUPONS program. Customers in RETROFIT continue to declare a positive experience participating in the program with 86% likely to recommend.
- saveONenergy has seen a steady and significant increase in unaided brand awareness by 33% from 2011-2014
- Conservation is becoming even more cost-effective as programs become more efficient and effective. 2014 proved early investments in long lead time projects will pay off with the high savings now being realized in programs like PROCESS & SYSTEMS and RETROFIT. Within 4 cents per kWh, Conservation programs continue to be a valuable and cost effective resource for customers across the province.

The 2011-2014 Final Results within this report vary from the Draft 2011-2014 Final Results Report for the following reasons:

- Savings from Time of Use pricing are included in the Final Results Report. Overall the province saved 55 MWs from Time-of-Use pricing in 2014, or 0.73% of residential summer peak demand.
- Between August 4th and August 28th, the IESO and LDCs have worked collaboratively to reconcile projects from 2011-2014 Final Results Report to ensure every eligible project was captured and accurately reported.
- Verified savings from Innovation Fund pilots are also included for participating LDCs.

All results will be considered final for the 2011-2014 Conservation Framework. Any additional program activity not captured in the 2011-2014 Final Results Report will not be included as part of a future adjustment process.

Please continue to monitor saveONenergy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and we look forward to the success ahead in the Conservation First Framework.

Sincerely,

Terry Young

Table of Contents

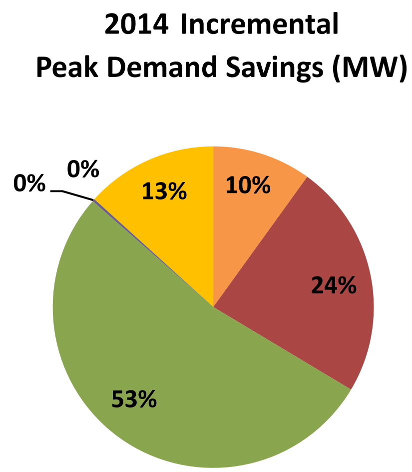
IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

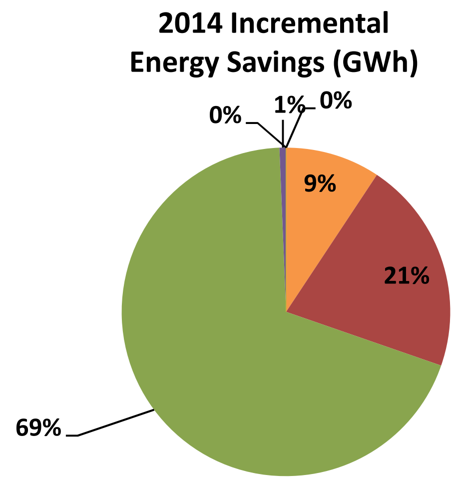
LDC: Erie Thames Powerlines Corporation

Final 2014 Achievement Against Targets	2014 Incremental	2011-2014 Achievement Against Target	% of Target Achieved
Net Annual Peak Demand Savings (MW)	1.8	3.2	**61.2%**
Net Energy Savings (GWh)	11.0	38.8	**168.8%**

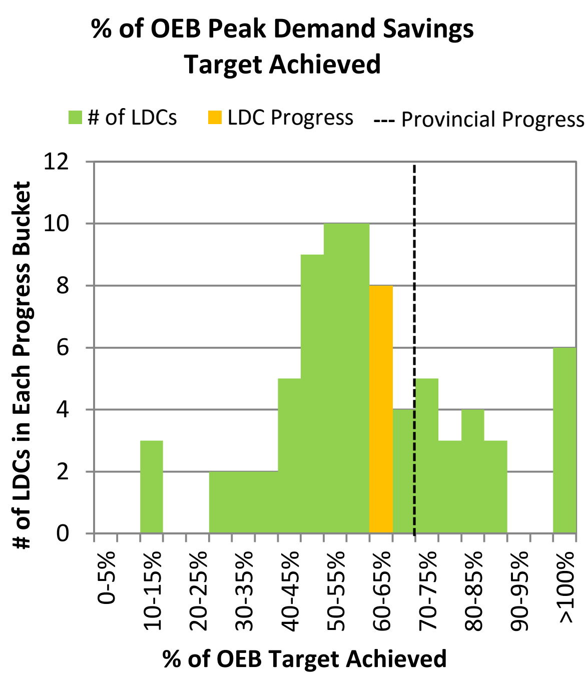
Unless otherwise noted, results are presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Achievement by Sector





Comparison: LDC Achievement vs. LDC Community Achievement (Progress to Target)



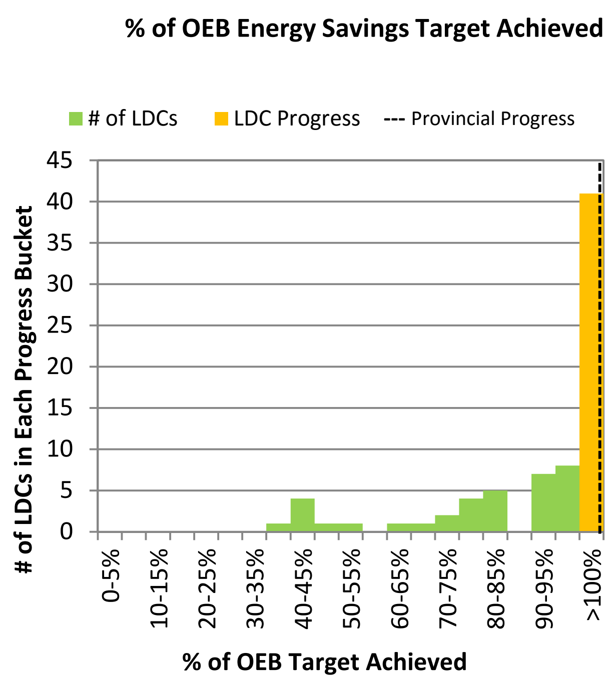


Table 1: Erie Thames Powerlines Corporation Initiative and Program Level Net Savings by Year

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	282	293	200	163	17	17	13	11	119,727	115,287	86,185	71,153	58	1,067,787
Appliance Exchange	Appliances	39	69	13	36	4	10	3	7	4,458	17,409	4,803	13,300	21	90,561
HVAC Incentives	Equipment	299	278	388	478	104	66	82	107	196,514	118,578	148,404	200,758	359	1,639,354
Conservation Instant Coupon Booklet	Items	2,007	109	1,230	3,683	5	1	2	8	74,929	4,943	27,247	100,435	15	469,474
Bi-Annual Retailer Event	Items	3,366	3,750	3,340	17,056	6	5	4	28	103,886	94,675	60,732	434,469	44	1,255,503
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	2	0	0	0	0	0	0	0	540	0	0	0	1,620
Consumer Program Total						**136**	**99**	**104**	**161**	**499,515**	**351,431**	**327,370**	**820,115**	**498**	**4,524,300**
Business Program															
Retrofit	Projects	8	34	44	50	17	302	220	250	106,770	2,366,501	2,205,842	1,320,812	769	13,148,412
Direct Install Lighting	Projects	59	85	65	134	75	72	66	132	202,377	269,533	234,744	522,792	325	2,549,588
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Audit	Audits	0	0	1	0	0	0	9	0	0	0	48,451	0	9	96,902
Small Commercial Demand Response	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business Program Total						**92**	**375**	**295**	**382**	**309,147**	**2,636,034**	**2,489,037**	**1,843,604**	**1,103**	**15,794,902**
Industrial Program															
Process & System Upgrades	Projects	0	0	0	1	0	0	0	593	0	0	0	5,195,250	593	5,195,250
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	16	10	4	0	0	280	182	0	0	2,990,081	876,960	394	6,189,453
Retrofit	Projects	5	0	0	0	11	0	0	0	61,631	0	0	0	11	246,522
Demand Response 3	Facilities	0	1	2	1	0	87	387	81	0	2,104	8,802	0	81	10,906
Industrial Program Total						**11**	**87**	**667**	**856**	**61,631**	**2,104**	**2,998,883**	**6,072,210**	**1,079**	**11,642,131**
Home Assistance Program															
Home Assistance Program	Homes	0	16	64	97	0	1	7	4	0	11,757	50,224	55,233	12	188,560
Home Assistance Program Total						**0**	**1**	**7**	**4**	**0**	**11,757**	**50,224**	**55,233**	**12**	**188,560**
Aboriginal Program															
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	8	0	0	0	61	0	0	0	228,469	0	0	0	61	913,876
High Performance New Construction	Projects	1	0	0	0	0	0	0	0	1,452	387	0	0	1	6,970
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total						**61**	**0**	**0**	**0**	**229,921**	**387**	**0**	**0**	**62**	**920,846**
Other															
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	215	0	0	0	0	215	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Total						**0**	**0**	**0**	**215**	**0**	**0**	**0**	**0**	**215**	**0**
Adjustments to 2011 Verified Results							**24**	**0**	**0**		**176,172**	**0**	**0**	**24**	**704,688**
Adjustments to 2012 Verified Results								**9**	**99**			**35,972**	**1,151,261**	**107**	**3,584,041**
Adjustments to 2013 Verified Results									**95**				**1,041,676**	**95**	**1,416,019**
Energy Efficiency Total						**301**	**476**	**686**	**1,537**	**1,100,214**	**2,999,610**	**5,856,712**	**8,791,161**	**2,887**	**33,059,833**
Demand Response Total (Scenario 1)						**0**	**87**	**387**	**81**	**0**	**2,104**	**8,802**	**0**	**81**	**10,906**
Adjustments to Previous Years' Verified Results Total						**0**	**24**	**9**	**194**	**0**	**176,172**	**35,972**	**2,192,938**	**226**	**5,704,748**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**301**	**587**	**1,081**	**1,812**	**1,100,214**	**3,177,886**	**5,901,486**	**10,984,099**	**3,195**	**38,775,487**
													Full OEB Target:	**5,220**	**22,970,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**61.2%**	**168.8%**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 2: Adjustments to Erie Thames Powerlines Corporation Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-50	4	26		-15	1	6		-28,307	1,325	10,529		-8	-88,197
Conservation Instant Coupon Booklet	Items	29	0	4		0	0	0		974	0	83		0	4,064
Bi-Annual Retailer Event	Items	289	0	0		0	0	0		7,718	0	0		0	30,874
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total						**-15**	**1**	**6**		**-19,614**	**1,325**	**10,612**		**-8**	**-53,259**
Business Program															
Retrofit	Projects	4	2	2		37	0	2		186,633	23,092	11,446		39	838,700
Direct Install Lighting	Projects	0	7	0		0	8	0		0	31,989	0		8	95,892
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	0	0		0	0	0		0	0	0		0	0
Energy Audit	Audits	0	0	0		0	0	0		0	0	32		0	64
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						**37**	**8**	**2**		**186,633**	**55,082**	**11,478**		**47**	**934,656**
Industrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	16	0		0	99	16		0	1,133,908	332,231		182	4,723,079
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						**0**	**99**	**16**		**0**	**1,133,908**	**332,231**		**182**	**4,723,079**
Home Assistance Program															
Home Assistance Program	Homes	0	4	13		0	1	3		0	8,127	20,022		4	63,658
Home Assistance Program Total						**0**	**1**	**3**		**0**	**8,127**	**20,022**		**4**	**63,658**
Aboriginal Program															
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						**0**	**0**	**0**		**0**	**0**	**0**		**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0		0	0	0		0	0
High Performance New Construction	Projects	1	0	0		2	0	0		9,154	0	0		2	36,614
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						**2**	**0**	**0**		**9,154**	**0**	**0**		**2**	**36,614**
Other															
Program Enabled Savings	Projects	0	0	0		0	0	0		0	0	0		0	0
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						**0**	**0**	**0**		**0**	**0**	**0**		**0**	**0**
Adjustments to 2011 Verified Results						**24**				**176,172**				**24**	**704,688**
Adjustments to 2012 Verified Results							**109**				**1,198,441**			**107**	**3,584,041**
Adjustments to 2013 Verified Results								**26**				**374,343**		**95**	**1,416,019**
Total Adjustments to Previous Years' Verified Results						**24**	**109**	**26**		**176,172**	**1,198,441**	**374,343**		**226**	**5,704,748**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 3: Erie Thames Powerlines Corporation Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	n/a	n/a	0.51	0.46	0.42	0.42	1.00	1.00	n/a	n/a	0.52	0.47	0.44	0.44
Appliance Exchange	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.15	1.00	1.11	1.71	1.00	1.00	1.00	1.00	1.11	1.05	1.13	1.73
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.13	0.91	1.04	1.74	1.00	1.00	1.00	1.00	1.10	0.92	1.04	1.75
Retailer Co-op	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	n/a	3.33	n/a	n/a	n/a	0.49	n/a	n/a	n/a	2.42	n/a	n/a	n/a	0.49	n/a	n/a
Business Program																
Retrofit	0.95	0.90	0.97	0.87	0.71	0.76	0.71	0.70	1.29	0.99	1.05	0.85	0.73	0.75	0.71	0.70
Direct Install Lighting	1.08	0.68	0.81	0.78	0.93	0.94	0.94	0.94	0.90	0.85	0.84	0.83	0.93	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Construction	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Audit	n/a	n/a	1.02	n/a	n/a	n/a	0.66	n/a	n/a	n/a	0.97	n/a	n/a	n/a	0.66	n/a
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	n/a	1.13	n/a	n/a	n/a	0.75	n/a	n/a	n/a	1.02	n/a	n/a	n/a	0.75
Monitoring & Targeting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Manager	n/a	n/a	0.90	0.91	n/a	n/a	0.90	0.90	n/a	n/a	0.90	0.96	n/a	n/a	0.90	0.90
Retrofit																
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	n/a	1.16	0.08	0.80	n/a	1.00	1.00	1.00	n/a	1.01	0.88	0.74	n/a	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.77	n/a	n/a	n/a	0.52	n/a	n/a	n/a	0.77	n/a	n/a	n/a	0.52	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50
Toronto Comprehensive	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other																
Program Enabled Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Achievement Against CDM Targets

Results are recognized using current IESO reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year (Scenario 1). Please see methodology tab for more detailed information.

Table 4: Net Peak Demand Savings at the End User Level (MW) (Scenario 1)

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	0.3	0.3	0.3	0.3
2012 - Verified†	0.0	0.6	0.5	0.5
2013 - Verified†	0.0	0.0	1.1	0.6
2014 - Verified†	0.0	0.1	0.1	1.8
Verified Net Annual Peak Demand Savings Persisting in 2014:				**3.2**
Erie Thames Powerlines Corporation 2014 Annual CDM Capacity Target:				**5.2**
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				**61.2%**

Table 5: Net Energy Savings at the End User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	1.1	1.1	1.1	1.0	4.3
2012 - Verified†	0.2	3.2	3.1	3.1	9.6
2013 - Verified†	0.0	0.0	5.9	5.2	11.2
2014 - Verified†	0.0	1.2	1.54	11.0	13.7
Verified Net Cumulative Energy Savings 2011-2014:					**38.8**
Erie Thames Powerlines Corporation 2011-2014 Annual CDM Energy Target:					**23.0**
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					**168.8%**

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 6: Province-Wide Initiatives and Program Level Net Savings by Year (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW)	Program-to-Date Verified Progress to Target (excludes DR): 2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146	20,952	22,563	3,299	2,011	1,433	1,617	23,005,812	13,424,518	8,713,107	9,497,343	8,221	159,100,415
Appliance Exchange	Appliances	3,688	3,836	5,337	5,685	371	556	1,106	1,178	450,187	974,621	1,971,701	2,100,266	2,973	10,556,192
HVAC Incentives	Equipment	92,748	87,540	96,286	113,002	32,037	19,060	19,552	23,106	59,437,670	32,841,283	33,923,592	42,888,217	93,755	447,009,930
Conservation Instant Coupon Booklet	Items	567,678	30,891	347,946	1,208,108	1,344	230	517	2,440	21,211,537	1,398,202	7,707,573	32,802,537	4,531	137,258,436
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772	4,824,751	1,681	1,480	1,184	8,043	29,387,468	26,781,674	17,179,841	122,902,769	12,389	355,157,348
Retailer Co-op	Items	152	0	0	0	0	0	0	0	2,652	0	0	0	0	10,607
Residential Demand Response	Devices	19,550	98,388	171,733	241,381	10,947	49,038	93,076	117,513	24,870	359,408	390,303	8,379	117,513	782,960
Residential Demand Response (IHD)	Devices	0	49,689	133,657	188,577	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	27	21	279	2,367	0	2	18	369	743	17,152	163,690	2,330,865	390	2,712,676
Consumer Program Total						**49,681**	**72,377**	**116,886**	**154,267**	**133,520,941**	**75,796,859**	**70,049,807**	**212,530,376**	**239,772**	**1,112,588,565**
Business Program															
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						**64,617**	**98,221**	**107,261**	**133,319**	**198,124,253**	**381,415,230**	**430,423,659**	**600,176,121**	**332,769**	**3,358,699,887**
Industrial Program															
Process & System Upgrades	Projects	0	0	5	10	0	0	294	9,692	0	0	2,603,764	72,053,255	9,986	77,260,782
Monitoring & Targeting	Projects	0	1	3	5	0	0	0	102	0	0	0	502,517	102	502,517
Energy Manager	Projects	1	132	306	379	0	1,086	3,558	5,191	0	7,372,108	21,994,263	40,436,427	8,384	95,324,998
Retrofit	Projects	433	0	0	0	4,615	0	0	0	28,866,840	0	0	0	4,613	115,462,282
Demand Response 3	Facilities	124	185	281	336	52,484	74,056	162,543	166,082	3,080,737	1,784,712	4,309,160	0	166,082	9,174,609
Industrial Program Total						**57,098**	**75,141**	**166,395**	**181,066**	**31,947,577**	**9,156,820**	**28,907,187**	**112,992,199**	**189,168**	**297,725,188**
Home Assistance Program															
Home Assistance Program	Homes	46	5,920	29,654	25,424	2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Home Assistance Program Total						**2**	**566**	**2,361**	**2,466**	**39,283**	**5,442,232**	**20,987,275**	**19,582,658**	**5,370**	**77,532,571**
Aboriginal Program															
Home Assistance Program	Homes	0	0	717	1,125	0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						**0**	**0**	**267**	**549**	**0**	**0**	**1,609,393**	**3,101,207**	**816**	**6,319,993**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,028	0	0	0	21,662	0	0	0	121,138,219	0	0	0	21,662	484,552,876
High Performance New Construction	Projects	182	73	19	3	5,098	3,251	772	134	26,185,591	11,901,944	3,522,240	688,738	9,255	148,181,415
Toronto Comprehensive	Projects	577	15	4	5	15,805	0	0	281	86,964,886	0	0	2,479,840	16,086	350,339,385
Multifamily Energy Efficiency Rebates	Projects	110	0	0	0	1,981	0	0	0	7,595,683	0	0	0	1,981	30,382,733
LDC Custom Programs	Projects	8	0	0	0	399	0	0	0	1,367,170	0	0	0	399	5,468,679
Pre-2011 Programs completed in 2011 Total						**44,945**	**3,251**	**772**	**415**	**243,251,550**	**11,901,944**	**3,522,240**	**3,168,578**	**49,382**	**1,018,925,088**
Other															
Program Enabled Savings	Projects	33	71	46	43	0	2,304	3,692	5,500	0	1,188,362	4,075,382	19,035,337	11,496	30,751,187
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
LDC Pilots	Projects	0	0	0	1,174	0	0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
Other Total						**0**	**2,304**	**3,692**	**61,466**	**0**	**1,188,362**	**4,075,382**	**24,096,859**	**67,462**	**35,812,709**
Adjustments to 2011 Verified Results							**1,406**	**641**	**1,418**		**18,689,081**	**1,736,381**	**7,319,857**	**3,215**	**110,143,550**
Adjustments to 2012 Verified Results								**6,260**	**9,221**			**41,947,840**	**37,080,215**	**15,401**	**238,780,637**
Adjustments to 2013 Verified Results									**24,391**				**150,785,808**	**24,391**	**296,465,211**
Energy Efficiency Total						**136,610**	**109,191**	**117,536**	**224,457**	**603,144,419**	**482,474,435**	**554,528,447**	**975,639,300**	**575,647**	**5,896,382,612**
Demand Response Total (Scenario 1)						**79,733**	**142,670**	**280,099**	**309,091**	**3,739,185**	**2,427,011**	**5,046,495**	**8,698**	**309,091**	**11,221,389**
Adjustments to Previous Years' Verified Results Total						**0**	**1,406**	**6,901**	**35,030**	**0**	**18,689,081**	**43,684,221**	**195,185,880**	**43,006**	**645,389,397**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**216,343**	**253,267**	**404,536**	**568,578**	**606,883,604**	**503,590,526**	**603,259,163**	**1,170,833,878**	**927,745**	**6,552,993,397**
													Full OEB Target:	**1,330,000**	**6,000,000,000**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices

*Includes adjustments after Final Reports were issued contracted since January 1, 2011 (reported cumulatively).

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

% of Full OEB Target Achieved to Date (Scenario 1):	**70%**	**109%**

Table 7: Adjustments to Province-Wide Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW)	Program-to-Date Verified Progress to Target (excludes DR): 2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-18,839	2,319	4,705		-5,270	479	1,037		-9,707,002	955,512	1,838,408		-3,754	-32,284,656
Conservation Instant Coupon Booklet	Items	8,216	0	1,050		16	0	2		275,655	0	23,571		18	1,149,763
Bi-Annual Retailer Event	Items	81,817	0	0		108	0	0		2,183,391	0	0		108	8,733,563
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	20	2	193		1	1	72		14,667	985	441,938		74	945,497
Consumer Program Total						**-5,145**	**480**	**1,111**		**-7,233,290**	**956,497**	**2,303,917**		**-3,555**	**-21,664,975**
Business Program															
Retrofit	Projects	312	876	961		3,208	7,233	11,961		16,266,129	42,498,052	78,146,280		22,056	347,545,386
Direct Install Lighting	Projects	444	197	51		501	204	46		1,250,388	736,541	164,667		620	7,158,143
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	15	29	72		850	1,304	2,241		3,604,553	4,825,774	8,636,179		4,401	46,187,216
Energy Audit	Audits	119	77	270		604	439	2,383		2,945,189	2,145,367	13,100,635		3,426	44,418,129
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						**5,162**	**9,181**	**16,631**		**24,066,259**	**50,205,734**	**100,047,761**		**30,503**	**385,148,444**
Industrial Program															
Process & System Upgrades	Projects	0	0	2		0	0	324		0	0	968,659		324	1,937,318
Monitoring & Targeting	Projects	0	1	3		0	0	54		0	528,000	639,348		54	2,862,696
Energy Manager	Projects	1	93	101		27	1,067	2,395		241,515	8,266,841	25,814,853		4,345	81,853,489
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						**27**	**1,067**	**2,774**		**241,515**	**8,794,841**	**27,422,860**		**4,723**	**61,215,516**
Home Assistance Program															
Home Assistance Program	Homes	0	887	2,898		0	222	791		0	1,316,749	4,321,794		1,009	12,515,300
Home Assistance Program Total						**0**	**222**	**791**		**0**	**1,316,749**	**4,321,794**		**1,009**	**8,581,177**
Aboriginal Program															
Home Assistance Program	Homes	0	0	133		0	0	134		0	0	563,715		134	1,127,430
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						**0**	**0**	**134**		**0**	**0**	**563,715**		**134**	**1,127,430**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	12	0	0		138	0	0		545,536	0	0		138	2,182,145
High Performance New Construction	Projects	37	4	15		1,507	363	-184		2,398,941	2,832,533	-993,596		1,686	16,106,171
Toronto Comprehensive	Projects	0	15	4		0	672	185		0	4,523,517	1,324,388		857	16,219,327
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						**1,645**	**1,035**	**2**		**2,944,477**	**7,356,050**	**330,792**		**2,682**	**11,104,528**
Other															
Program Enabled Savings	Projects	33	55	33		1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						**1,776**	**3,712**	**2,020**		**7,727,573**	**11,481,687**	**10,688,564**		**7,509**	**86,732,481**
Adjustments to 2011 Verified Results						**3,465**				**27,746,535**				**3,215**	**110,143,550**
Adjustments to 2012 Verified Results							**15,697**				**80,111,558**			**15,401**	**238,780,637**
Adjustments to 2013 Verified Results								**23,463**				**145,679,403**		**24,391**	**296,465,211**
Adjustments to Previous Years' Verified Results Total						**3,465**	**15,697**	**23,463**		**27,746,535**	**80,111,558**	**145,679,403**		**43,006**	**645,389,397**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 8: Province-Wide Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	1.00	1.00	0.51	0.46	0.42	0.45	1.00	1.00	1.00	1.00	0.46	0.47	0.44	0.47
Appliance Exchange	1.00	1.00	1.00	1.00	0.51	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	1.00	1.00	0.60	0.50	0.48	0.48	1.00	1.00	1.00	1.00	0.50	0.49	0.48	0.48
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.69	1.00	1.00	1.00	1.00	1.00	1.05	1.13	1.73
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.12	0.91	1.04	1.74	1.00	1.00	1.00	1.00	0.91	0.92	1.04	1.75
Retailer Co-op	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	1.00	3.65	0.78	1.03	0.41	0.49	0.63	0.63	3.65	7.17	3.09	0.62	0.49	0.49	0.63	0.63
Business Program																
Retrofit	1.06	0.93	0.92	0.84	0.72	0.75	0.73	0.71	0.93	1.05	1.01	0.98	0.75	0.76	0.73	0.72
Direct Install Lighting	1.08	0.69	0.82	0.78	1.08	0.94	0.94	0.94	0.69	0.85	0.84	0.83	0.94	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	1.97	n/a	n/a	n/a	1.00	n/a	n/a	n/a	1.16	n/a	n/a	n/a	1.00
New Construction	0.50	0.98	0.68	0.71	0.50	0.49	0.54	0.54	0.98	0.99	0.76	0.79	0.49	0.49	0.54	0.54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	0.85	0.96	n/a	n/a	0.94	0.79	n/a	n/a	0.87	0.96	n/a	n/a	0.93	0.80
Monitoring & Targeting	n/a	n/a	n/a	0.59	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.36	n/a	n/a	n/a	1.00
Energy Manager	n/a	1.16	0.90	0.91	n/a	0.90	0.90	0.90	1.16	1.16	0.90	0.96	0.90	0.90	0.90	0.85
Retrofit	1.11	n/a	n/a	n/a	0.72	n/a	n/a	n/a	0.91	n/a	n/a	n/a	0.75	n/a	n/a	n/a
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	1.00	0.32	0.26	0.49	0.70	1.00	1.00	1.00	0.32	0.99	0.88	0.78	1.00	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	0.05	0.15	n/a	n/a	1.00	1.00	n/a	n/a	0.95	0.97	n/a	n/a	1.00	1.00
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.80	n/a	n/a	n/a	0.54	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	n/a	0.49	0.50	0.50	0.50	1.00	1.00	1.00	n/a	0.50	0.50	0.50	0.50
Toronto Comprehensive	1.13	n/a	n/a	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	0.93	n/a	n/a	n/a	0.78	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	1.00	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other																
Program Enabled Savings	n/a	1.06	1.00	0.86	n/a	1.00	1.00	1.00	n/a	2.26	1.00	0.98	n/a	1.00	1.00	1.00

Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Provincial Progress Towards CDM Targets

Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

Implementation Period	Annual			
	2011	2012	2013	2014
2011	216.3	136.6	135.8	129.0
2012†	1.4	253.3	109.8	108.2
2013†	0.6	7.0	404.5	122.0
2014†	1.4	10.8	34.2	568.6
Verified Net Annual Peak Demand Savings in 2014:				**927.7**
2014 Annual CDM Capacity Target:				**1,330**
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				**69.8%**

Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011	606.9	603.0	601.0	582.3	2,393.1
2012†	18.7	503.6	498.4	492.6	1,513.3
2013†	1.7	44.4	603.3	583.4	1,232.8
2014†	7.3	44.8	191.0	1,170.8	1,413.9
Verified Net Cumulative Energy Savings 2011-2014:					**6,553.0**
2011-2014 Cumulative CDM Energy Target:					**6,000**
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					**109.2%**

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

EQUATIONS	
Prescriptive Measures and Projects	**Gross Savings = Activity * Per Unit Assumption** **Net Savings = Gross Savings * Net-to-Gross Ratio** **All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)**
Engineered and Custom Projects	**Gross Savings = Reported Savings * Realization Rate** **Net Savings = Gross Savings * Net-to-Gross Ratio** **All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)**
Demand Response	**Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio** **Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW** **All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR)**
Adjustments to Previous Years' Verified Results	All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Consumer Program			
Appliance Retirement	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Appliance Exchange	When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year that the exchange event occurred.	

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
HVAC Incentives	Results directly attributed to LDC based on customer postal code.	Savings are considered to begin in the year that the installation occurred.	
Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the event occurs.	
Retailer Co-op	When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year of the home visit and installation date.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Residential Demand Response	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists.	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any “snapback” in energy consumption experienced after the event. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.
Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system. Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case.	Savings are considered to begin in the year of the project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Business Program			

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date in the iCON system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
	Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014)		
Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	
Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
Commercial Demand Response (part of the Residential program schedule)	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Demand Response 3 (part of the Industrial program schedule)	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
Industrial Program			
Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application.	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
Energy Manager	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&I program schedule)	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
Demand Response 3	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Home Assistance Program			
Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Aboriginal Program			
Aboriginal Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014 assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported. A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
High Performance New Construction	Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	
Toronto Comprehensive	Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation.		
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation.		

Consumer Program Allocation Methodology

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

Local Distribution Company	Allocation
Algoma Power Inc.	0.2%
Atikokan Hydro Inc.	0.0%
Attawapiskat Power Corporation	0.0%
Bluewater Power Distribution Corporation	0.6%
Brant County Power Inc.	0.2%
Brantford Power Inc.	0.7%
Burlington Hydro Inc.	1.4%
Cambridge and North Dumfries Hydro Inc.	1.0%
Canadian Niagara Power Inc.	0.5%
Centre Wellington Hydro Ltd.	0.1%
Chapleau Public Utilities Corporation	0.0%
COLLUS Power Corporation	0.3%
Cooperative Hydro Embrun Inc.	0.0%
E.L.K. Energy Inc.	0.2%
Enersource Hydro Mississauga Inc.	3.9%
ENTEGRUS	0.6%
ENWIN Utilities Ltd.	1.6%
Erie Thames Powerlines Corporation	0.4%
Espanola Regional Hydro Distribution Corporation	0.1%
Essex Powerlines Corporation	0.7%
Festival Hydro Inc.	0.3%
Fort Albany Power Corporation	0.0%
Fort Frances Power Corporation	0.1%
Greater Sudbury Hydro Inc.	1.0%
Grimsby Power Inc.	0.2%
Guelph Hydro Electric Systems Inc.	0.9%
Haldimand County Hydro Inc.	0.4%
Halton Hills Hydro Inc.	0.5%
Hearst Power Distribution Company Limited	0.1%
Horizon Utilities Corporation	4.0%
Hydro 2000 Inc.	0.0%
Hydro Hawkesbury Inc.	0.1%
Hydro One Brampton Networks Inc.	2.8%
Hydro One Networks Inc.	30.0%
Hydro Ottawa Limited	5.6%
Innisfil Hydro Distribution Systems Limited	0.4%
Kashechewan Power Corporation	0.0%
Kenora Hydro Electric Corporation Ltd.	0.1%
Kingston Hydro Corporation	0.5%
Kitchener-Wilmot Hydro Inc.	1.6%
Lakefront Utilities Inc.	0.2%

Lakeland Power Distribution Ltd.	0.2%
London Hydro Inc.	2.7%
Middlesex Power Distribution Corporation	0.1%
Midland Power Utility Corporation	0.1%
Milton Hydro Distribution Inc.	0.6%
Newmarket - Tay Power Distribution Ltd.	0.7%
Niagara Peninsula Energy Inc.	1.0%
Niagara-on-the-Lake Hydro Inc.	0.2%
Norfolk Power Distribution Inc.	0.3%
North Bay Hydro Distribution Limited	0.5%
Northern Ontario Wires Inc.	0.1%
Oakville Hydro Electricity Distribution Inc.	1.5%
Orangeville Hydro Limited	0.2%
Orillia Power Distribution Corporation	0.3%
Oshawa PUC Networks Inc.	1.2%
Ottawa River Power Corporation	0.2%
Parry Sound Power Corporation	0.1%
Peterborough Distribution Incorporated	0.7%
PowerStream Inc.	6.6%
PUC Distribution Inc.	0.9%
Renfrew Hydro Inc.	0.1%
Rideau St. Lawrence Distribution Inc.	0.1%
Sioux Lookout Hydro Inc.	0.1%
St. Thomas Energy Inc.	0.3%
Thunder Bay Hydro Electricity Distribution Inc.	0.9%
Tillsonburg Hydro Inc.	0.1%
Toronto Hydro-Electric System Limited	12.8%
Veridian Connections Inc.	2.4%
Wasaga Distribution Inc.	0.2%
Waterloo North Hydro Inc.	1.0%
Welland Hydro-Electric System Corp.	0.4%
Wellington North Power Inc.	0.1%
West Coast Huron Energy Inc.	0.1%
Westario Power Inc.	0.5%
Whitby Hydro Electric Corporation	0.9%
Woodstock Hydro Services Inc.	0.3%

Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011 - 2014). This concept does not apply to peak demand savings.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses).

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

Initiative: a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup).

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

Program: a group of initiatives that target a particular market sector (e.g. Consumer, Industrial).

Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

Spillover: Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

Table 11: Erie Thames Powerlines Corporation Initiative and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	35	17	27	24	233,084	115,287	182,693	151,190
Appliance Exchange**	Appliances	7	10	5	14	8,650	17,409	9,125	25,269
HVAC Incentives	Equipment	173	134	172	224	329,189	242,936	313,224	422,963
Conservation Instant Coupon Booklet	Items	4	1	2	4	67,813	4,687	24,188	58,173
Bi-Annual Retailer Event	Items	5	6	4	16	95,091	103,302	58,121	248,354
Retailer Co-op	Items	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	0	0	0	0	0	0	0	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	0	0	0	455	0	0
Consumer Program Total		**225**	**168**	**210**	**283**	**733,827**	**484,076**	**587,350**	**905,949**
Business Program									
Retrofit	Projects	24	391	311	356	146,066	3,096,674	3,125,566	1,781,856
Direct Install Lighting	Projects	70	97	70	140	217,952	323,870	248,704	553,881
Building Commissioning	Buildings	0	0	0	0	0	0	0	0
New Construction	Buildings	0	0	0	0	0	0	0	0
Energy Audit	Audits	0	0	13	0	0	0	73,311	0
Small Commercial Demand Response	Devices	0	0	0	0	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	0	0	0	0	0	0	0	0
Business Program Total		**94**	**488**	**394**	**495**	**364,018**	**3,420,544**	**3,447,581**	**2,335,737**
Industrial Program									
Process & System Upgrades	Projects	0	0	0	791	0	0	0	6,927,000
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	312	202	0	0	3,322,312	974,400
Retrofit	Projects	16	0	0	0	86,015	0	0	0
Demand Response 3	Facilities	0	87	387	81	0	2,104	8,802	0
Industrial Program Total		**16**	**87**	**698**	**1,074**	**86,015**	**2,104**	**3,331,114**	**7,901,400**
Home Assistance Program									
Home Assistance Program	Homes	0	1	7	4	0	11,584	50,224	55,233
Home Assistance Program Total		**0**	**1**	**7**	**4**	**0**	**11,584**	**50,224**	**55,233**
Aboriginal Program									
Home Assistance Program	Homes	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	117	0	0	0	439,363	0	0	0
High Performance New Construction	Projects	1	1	0	0	2,905	774	0	0
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total		**118**	**1**	**0**	**0**	**442,268**	**774**	**0**	**0**
Other									
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	215	0	0	0	0
LDC Pilots	Projects	0	0	0	0	0	0	0	0
Other Total		**0**	**0**	**0**	**215**	**0**	**0**	**0**	**0**
Adjustments to 2011 Verified Results			**31**	**0**	**0**		**209,245**	**0**	**0**
Adjustments to 2012 Verified Results				**10**	**109**			**40,289**	**1,284,253**
Adjustments to 2013 Verified Results					**108**				**1,170,069**
Energy Efficiency Total		**453**	**657**	**923**	**1,990**	**1,626,127**	**3,916,977**	**7,407,467**	**11,198,319**
Demand Response Total		**0**	**87**	**387**	**81**	**0**	**2,104**	**8,802**	**0**
Adjustments to Previous Years' Verified Results Total		**0**	**31**	**10**	**218**	**0**	**209,245**	**40,289**	**2,454,322**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		**453**	**776**	**1,320**	**2,290**	**1,626,127**	**4,128,326**	**7,456,558**	**13,652,641**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

**Net results substituted for gross results due to unavailability of data

Table 12: Adjustments to Erie Thames Powerlines Corporation Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-25	2	12		-47,400	2,694	22,163	
Conservation Instant Coupon Booklet	Items	0	0	0		905	0	73	
Bi-Annual Retailer Event	Items	0	0	0		8,391	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	0	0		0	0	0	
Consumer Program Total		**-24**	**2**	**12**		**-38,104**	**2,694**	**22,236**	
Business Program									
Retrofit	Projects	51	0	3		246,894	32,271	17,098	
Direct Install Lighting	Projects	0	9	0		0	33,957	0	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	0	0	0		455	0	0	
Energy Audit	Audits	0	0	0		0	0	49	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		**51**	**9**	**3**		**247,349**	**66,228**	**17,147**	
Industrial Program									
Process & System Upgrades	Projects	0	0	0		0	0	0	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	17		0	1,259,898	369,146	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		**0**	**0**	**17**		**0**	**1,259,898**	**369,146**	
Home Assistance Program									
Home Assistance Program	Homes	0	0	3		0	8,127	20,022	
Home Assistance Program Total		**0**	**0**	**3**		**0**	**8,127**	**20,022**	
Aboriginal Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		**0**	**0**	**0**		**0**	**0**	**0**	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0	
High Performance New Construction	Projects	4	0	0		0	0	0	
Toronto Comprehensive	Projects	0	0	0		0	0	0	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		**4**	**0**	**0**		**0**	**0**	**0**	
Other									
Program Enabled Savings	Projects	0	0	0		0	0	0	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		**0**	**0**	**0**		**0**	**0**	**0**	
Adjustments to 2011 Verified Results		**31**				**209,245**			
Adjustments to 2012 Verified Results			**10**				**1,336,947**		
Adjustments to 2013 Verified Results				**35**				**428,550**	
Total Adjustments to Previous Years' Verified Results		**31**	**10**	**35**		**209,245**	**1,336,947**	**428,550**	

Activity and savings for Demand Response resources for each year represent

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).	are not considered official 2014 Final Verified Results

Table 13: Province-Wide Initiatives and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	6,750	2,011	3,151	3,579	45,971,627	13,424,518	18,616,239	20,315,770
Appliance Exchange**	Appliances	719	556	2,101	2,238	873,531	974,621	3,746,106	3,990,372
HVAC Incentives	Equipment	53,209	38,346	40,418	48,467	99,413,430	66,929,213	71,225,037	90,274,814
Conservation Instant Coupon Booklet	Items	1,184	231	464	1,442	19,192,453	1,325,898	6,842,244	19,000,254
Bi-Annual Retailer Event	Items	1,504	1,622	1,142	4,626	26,899,265	29,222,072	16,441,329	70,254,471
Retailer Co-op	Items	0	0	0	0	3,917	0	0	0
Residential Demand Response	Devices	10,390	49,038	93,076	117,513	23,597	359,408	390,303	8,379
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	1	29	587	1,813	4,884	259,826	3,699,786
Consumer Program Total		**73,757**	**91,805**	**140,380**	**178,452**	**192,379,633**	**112,240,615**	**117,521,084**	**207,543,846**
Business Program									
Retrofit	Projects	34,201	78,965	82,896	98,849	184,070,265	387,817,248	478,410,896	642,515,421
Direct Install Lighting	Projects	22,155	20,469	19,807	24,794	65,777,197	68,896,046	68,140,249	89,528,509
Building Commissioning	Buildings	0	0	0	988	0	0	0	1,513,377
New Construction	Buildings	247	1,596	2,934	11,911	823,434	3,755,869	9,183,826	37,742,970
Energy Audit	Audits	0	1,450	4,283	9,367	0	7,049,351	23,386,108	46,012,517
Small Commercial Demand Response	Devices	55	187	773	2,116	131	1,068	373	319
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	21,390	19,389	23,706	23,380	633,421	281,823	346,659	0
Business Program Total		**78,048**	**122,056**	**134,399**	**171,405**	**251,304,448**	**467,801,406**	**579,468,111**	**817,313,113**
Industrial Program									
Process & System Upgrades	Projects	0	0	313	12,287	0	0	2,799,746	90,463,617
Monitoring & Targeting	Projects	0	0	0	102	0	0	0	502,517
Energy Manager	Projects	0	1,034	3,953	5,767	0	7,067,535	24,438,070	44,929,364
Retrofit	Projects	6,372	0	0	0	38,412,408	0	0	0
Demand Response 3	Facilities	176,180	74,056	162,543	166,082	4,243,958	1,784,712	4,309,160	0
Industrial Program Total		**182,552**	**75,090**	**166,809**	**184,238**	**42,656,366**	**8,852,247**	**31,546,976**	**135,895,498**
Home Assistance Program									
Home Assistance Program	Homes	4	1,777	2,361	2,466	56,119	5,524,230	20,987,275	19,582,658
Home Assistance Program Total		**4**	**1,777**	**2,361**	**2,466**	**56,119**	**5,524,230**	**20,987,275**	**19,582,658**
Aboriginal Program									
Home Assistance Program	Homes	0	0	267	549	0	0	1,609,393	3,101,207
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		**0**	**0**	**267**	**549**	**0**	**0**	**1,609,393**	**3,101,207**
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	40,418	0	0	0	223,956,390	0	0	0
High Performance New Construction	Projects	10,197	6,501	772	268	52,371,183	23,803,888	3,522,240	1,377,475
Toronto Comprehensive	Projects	33,467	0	0	802	174,070,574	0	0	7,085,257
Multifamily Energy Efficiency Rebates	Projects	2,553	0	0	0	9,774,792	0	0	0
LDC Custom Programs	Projects	534	0	0	0	649,140	0	0	0
Pre-2011 Programs completed in 2011 Total		**87,169**	**6,501**	**772**	**1,070**	**460,822,079**	**23,803,888**	**3,522,240**	**8,462,733**
Other									
Program Enabled Savings	Projects	0	2,177	3,692	5,500	0	525,011	4,075,382	19,035,337
Time-of-Use Savings	Homes	0	0	0	54,795	0	0	0	0
LDC Pilots	Projects	0	0	0	1,170	0	0	0	5,061,522
Other Total		**0**	**2,177**	**3,692**	**60,296**	**0**	**525,011**	**4,075,382**	**19,035,337**
Adjustments to 2011 Verified Results			**13,266**	**645**	**1,601**		**48,705,294**	**20,581**	**6,028**
Adjustments to 2012 Verified Results				**8,632**	**13,449**			**54,301,893**	**59,098,939**
Adjustments to 2013 Verified Results					**34,727**				**206,413,158**
Energy Efficiency Total		**213,515**	**156,735**	**168,583**	**289,384**	**942,317,539**	**616,320,385**	**753,683,966**	**1,210,925,694**
Demand Response Total		**208,015**	**142,670**	**280,099**	**309,091**	**4,901,107**	**2,427,011**	**5,046,495**	**8,698**
Adjustments to Previous Years' Verified Results Total		**0**	**13,266**	**9,277**	**49,777**	**0**	**48,705,294**	**54,322,474**	**265,518,125**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		**421,530**	**312,671**	**457,958**	**648,252**	**947,218,646**	**667,452,690**	**813,052,934**	**1,476,452,516**

Activity and savings for Demand Response resources for each year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

**Net results substituted for gross results due to unavailability of data represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Net results substituted for gross results due to unavailability of data

Table 14: Adjustments to Province-Wide Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-8,759	1,091	2,157		-16,241,086	1,952,473	3,873,449	
Conservation Instant Coupon Booklet	Items	15	0	1		255,975	0	20,668	
Bi-Annual Retailer Event	Items	117	0	0		2,373,616	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	1	1	115		330,093	2,009	701,488	
Consumer Program Total		**-8,628**	**1,092**	**2,273**		**-13,281,402**	**1,954,483**	**4,595,605**	
Business Program									
Retrofit	Projects	4,511	10,114	16,584		22,046,931	58,528,789	108,677,566	
Direct Install Lighting	Projects	541	217	49		1,346,618	781,858	174,460	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	3,287	2,673	4,151		11,323,593	9,884,305	15,992,924	
Energy Audit	Audits	656	488	3,631		2,391,744	2,386,374	19,822,524	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		**8,996**	**13,491**	**24,414**		**37,108,886**	**71,581,326**	**144,667,473**	
Industrial Program									
Process & System Upgrades	Projects	0	0	426		0	0	1,232,785	
Monitoring & Targeting	Projects	0	0	54		0	528,000	639,348	
Energy Manager	Projects	29	1,071	2,687		0	8,968,007	28,893,596	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		**29**	**1,071**	**3,168**		**0**	**9,496,007**	**30,765,729**	
Home Assistance Program									
Home Assistance Program	Homes	0	222	791		0	1,316,749	4,321,794	
Home Assistance Program Total		**0**	**222**	**791**		**0**	**1,316,749**	**4,321,794**	
Aboriginal Program									
Home Assistance Program	Homes	0	0	134		0	0	563,715	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		**0**	**0**	**134**		**0**	**0**	**563,715**	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	266	0	0		1,049,108	0	0	
High Performance New Construction	Projects	13,072	727	405		23,905,663	5,665,066	1,535,048	
Toronto Comprehensive	Projects	0	1,920	529		0	12,924,335	3,783,965	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		**13,337**	**2,647**	**934**		**24,954,771**	**18,589,400**	**5,319,013**	
Other									
Program Enabled Savings	Projects	1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		**1,776**	**3,712**	**2,020**		**1,673,712**	**11,481,687**	**10,688,564**	
Adjustments to 2011 Verified Results		**15,511**				**50,455,967**			
Adjustments to 2012 Verified Results			**22,235**				**114,419,652**		
Adjustments to 2013 Verified Results				**33,734**				**200,921,892**	
Adjustments to Previous Years' Verified Results Total		**15,511**	**22,235**	**33,734**		**50,455,967**	**114,419,652**	**200,921,892**	

Activity and savings for Demand Response resources for each year represent the savings

*Includes adjustments after Final Reports were issued

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).	Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year	Verified Results

Attachment 18 (of 21):

4-R OPEB Report

Fiscal 2016 Accounting Information Other Postemployment Employee Benefits (OPEB)

ERTH Corporation

March 2017

Risk. Reinsurance. Human Resources.

Empower Results®

Table of Contents

Introduction

This material summarizes the results of the accounting valuation for the other postemployment employee benefit (OPEB) plans named below for the fiscal year January 1, 2016 to December 31, 2016. Year-end liabilities and assets have been determined using a December 31, 2016 measurement date.

ERTH Corporation (the “Company”) sponsors retiree benefit plans which are referred to as OPEB plans for the following employee groups:

- Members of OPEB Plan for Employees of ERTH Holdings (“ERTH Holdings”).
- Members of OPEB Plan for Employees of ERTH Corporation (“ERTH Corporation”).
- Members of OPEB Plan for Employees of Erie Thames Powerlines (“Powerlines”).

This material is intended to serve as a source document for information to meet certain accounting filing requirements in relation to the Company postretirement obligations as specified under Chapter 19 – “Employee Benefits” IAS 19 rev. 2011 (“IAS 19”) of the International Accounting Standards Board (“IASB”). The accounting information contained in this report covers the defined benefit component of the aforementioned plans only.

The Company adopted International Financial Reporting Standards (“IFRS”) IAS 19 accounting effective January 1, 2014.

All figures shown are in Canadian dollars.

I confirm the following:

- These plans are all defined benefit plans as defined by IAS19.
- The actuarial cost method and basis used for the calculations is prescribed by IAS 19. Our actuarial valuation used the projected unit credit cost method to determine liabilities and normal cost as at December 31, 2016 for the OPEB plans.
- IAS 19 sets out the following general requirements for setting of assumptions:
  - Actuarial assumptions shall be unbiased and materially compatible; and
  - Financial assumptions shall be based on market expectations, at the balance sheet date, for the period over which the obligations are to be settled.
- Furthermore, IAS 19 requires that the assumed discount rate is determined by reference to market yields at the balance sheet date on high quality corporate bonds. In countries where there is no deep market on such bonds, the market yield (at the balance sheet date) on government bonds shall be used.
- The discount rate used for the calculations reported here is based on the annualized yield on long AA rated corporate bond, the duration of which approximately matches the duration of liabilities. We have considered the Canadian Institute of Actuaries Educational Note on Accounting Discount Rate assumption for Pension and Postemployment Benefits Plan. In our opinion, the Aon Hewitt curve methodology is sufficient and appropriate for the purpose of our valuation.
- A summary of the key financial assumptions we have used and believe are appropriate at the start and end of the accounting period are set out on pages 26 to 28 of this report. Aon Hewitt has made recommendations with respect to the economic and non-economic assumptions that were accepted by the Company.
- We have been informed of no other postretirement benefits for which accounting disclosures may be required. We are aware of no other additional disclosure information that may be required, or that we believe is necessary.
- We are not aware of any subsequent events which occurred or were fully committed to after December 31, 2016 which would have a material impact on these results.
- In conducting these valuations, we have used:
  - December 31, 2013 valuation results extrapolated to December 31, 2015 for the 2016 expense;
  - December 31, 2016 valuation results for the year end liabilities;
  - expected contributions and benefit payments for developing the fiscal year 2016 expense;
  - actual benefit payments in the reconciliation of the defined benefit obligation as of December 31, 2016;
  - actual contributions for developing the December 31, 2016 funded status;
  - the projected benefit prorated on service actuarial cost method;
  - actuarial assumptions that are management's best estimate of future events; and
  - a discount rate which has been determined in accordance with IAS 19 and best estimate assumptions developed by management. Aon Hewitt has made recommendations with respect to economic and non-economic assumptions that were accepted by the Company.

I hereby certify that, for the purposes of the valuation, in my opinion:

- The membership data on which these valuations are based are sufficient and reliable for the purposes of the valuations;
- The assumptions used are appropriate for the purposes of the valuation;
- The calculations have been made in accordance with my understanding of the requirements of IAS 19;

This report and its associated work have been prepared, and my opinions given, in accordance with accepted actuarial practice in Canada.

Aon Hewitt

Scott Palmer
Fellow of the Society of Actuaries
Fellow of the Canadian Institute of Actuaries

March 22, 2017

Fiscal Year 2016 Disclosure Information at December 31, 2016

	Fiscal 2015				Fiscal 2016			
	ERTH Holdings	ERTH Corporation	Powerlines	Total	ERTH Holdings	ERTH Corporation	Powerlines	Total
Reconciliation of Defined Benefit Obligation								
Obligation at the Beginning of the Period	$ 240,400	$ 97,100	$ 794,900	$ 1,132,400	$ 281,600	$ 108,100	$ 829,100	$ 1,218,800
Service Cost	32,400	7,600	26,100	66,100	33,700	7,900	27,100	68,700
Interest Cost	9,600	3,900	31,300	44,800	11,200	4,300	32,600	48,100
Participants' Contributions	-	-	-	-	-	-	-	-
Benefit Payments	(3,300)	(6,000)	(22,700)	(32,000)	(6,800)	(5,200)	(23,900)	(35,900)
Settlements	-	-	-	-	-	-	-	-
Curtailments	-	-	-	-	-	-	-	-
Actuarial (Gain) Loss due to Experience	2,500	5,500	(500)	7,500	25,800	(36,300)	(28,300)	(38,800)
Actuarial (Gain) Loss due to Demographic Assumptions	-	-	-	-	(21,100)	(2,700)	(11,900)	(35,700)
Actuarial (Gain) Loss due to Financial Assumptions	-	-	-	-	(22,300)	(2,800)	(27,600)	(52,700)
Acquisitions (Divestitures)	-	-	-	-	-	-	-	-
Obligation at the End of the Period	$ 281,600	$ 108,100	$ 829,100	$ 1,218,800	$ 302,100	$ 73,300	$ 797,100	$ 1,172,500
Reconciliation of Fair Value of Plan Assets								
Assets at the Beginning of the Period	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Expected Return on Plan Assets	-	-	-	-	-	-	-	-
Participants' Contributions	-	-	-	-	-	-	-	-
Employer Contributions	3,300	6,000	22,700	32,000	6,800	5,200	23,900	35,900
Benefit Payments	(3,300)	(6,000)	(22,700)	(32,000)	(6,800)	(5,200)	(23,900)	(35,900)
Settlements	-	-	-	-	-	-	-	-
Curtailments	-	-	-	-	-	-	-	-
Actuarial Gain (Loss)	-	-	-	-	-	-	-	-
Acquisitions (Divestitures)	-	-	-	-	-	-	-	-
Assets at the End of the Period	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Funded Status								
Fair Value of Plan Assets, the End of the Period	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Defined Benefit Obligation, the End of the Period	(281,600)	(108,100)	(829,100)	(1,218,800)	(302,100)	(73,300)	(797,100)	(1,172,500)
Defined Benefit Asset (Liability)	$ (281,600)	$ (108,100)	$ (829,100)	$ (1,218,800)	$ (302,100)	$ (73,300)	$ (797,100)	$ (1,172,500)
Asset (liability) Reconciliation								
Opening Balance	$ (240,400)	$ (97,100)	$ (794,900)	$ (1,132,400)	$ (281,600)	$ (108,100)	$ (829,100)	$ (1,218,800)
Expense for the year	(42,000)	(11,500)	(57,400)	(110,900)	(44,900)	(12,200)	(59,700)	(116,800)
Contributions by the company	3,300	6,000	22,700	32,000	6,800	5,200	23,900	35,900
Amount recognized in OCI	(2,500)	(5,500)	500	(7,500)	17,600	41,800	67,800	127,200
Closing Balance	$ (281,600)	$ (108,100)	$ (829,100)	$ (1,218,800)	$ (302,100)	$ (73,300)	$ (797,100)	$ (1,172,500)
Accumulated Gains/Losses								
Accumulated (Gain)/Loss recognized in OCI, Beginning of Period	$ 52,800	$ 19,300	$ 114,100	$ 186,200	$ 55,300	$ 24,800	$ 113,600	$ 193,700
(Gain)/Loss on Liabilities	2,500	5,500	(500)	7,500	(17,600)	(41,800)	(67,800)	(127,200)
(Gain)/Loss on Assets	-	-	-	-	-	-	-	-
Accumulated (Gain)/Loss recognized in OCI, End of Period	$ 55,300	$ 24,800	$ 113,600	$ 193,700	$ 37,700	$ (17,000)	$ 45,800	$ 66,500

	Fiscal 2015				Fiscal 2016			
	ERTH Holdings	ERTH Corporation	Powerlines	Total	ERTH Holdings	ERTH Corporation	Powerlines	Total
Amount Recognized in Expense								
Service Cost	$ 32,400	$ 7,600	$ 26,100	$ 66,100	$ 33,700	$ 7,900	$ 27,100	$ 68,700
Interest Cost	9,600	3,900	31,300	44,800	11,200	4,300	32,600	48,100
Expected Return on Plan Assets	-	-	-	-	-	-	-	-
Curtailment	-	-	-	-	-	-	-	-
Prior Service Cost (Credit)	-	-	-	-	-	-	-	-
Transition (Asset) Obligation	-	-	-	-	-	-	-	-
Cost (Income)	$ 42,000	$ 11,500	$ 57,400	$ 110,900	$ 44,900	$ 12,200	$ 59,700	$ 116,800
Weighted Average Assumptions								
Discount Rate								
Expense	4.00%	4.00%	4.00%		4.00%	4.00%	4.00%	
Year-End Disclosure	4.00%	4.00%	4.00%		4.00%	4.00%	4.00%	
Rate of compensation increase	2.50%	2.50%	2.50%		2.00%	2.00%	2.00%	
Health care inflation - select	6.90%	6.90%	6.90%		6.72%	6.72%	6.72%	
Health care inflation - ultimate	4.50%	4.50%	4.50%		4.00%	4.00%	4.00%	
Year ultimate reached	2031	2031	2031		2037	2037	2037	
Participant Information								
Active Members	46	11	44	101	52	6	45	103
Retired Members	4	1	20	25	6	3	21	30
Total	50	12	64	126	58	9	66	133
Plan Maturity								
Duration of Plan (years)	31.2	28.9	20.0	24.8	26.9	25.6	18.4	22.1
Basic Information								
Estimated Benefit Payments	$ 800	$ 500	$ 23,200	$ 24,500	$ 2,200	$ 1,300	$ 26,600	$ 30,100
Actual Benefit Payments	3,300	6,000	22,700	32,000	6,800	5,200	23,900	35,900
Estimated Employer Contributions	800	500	23,200	24,500	2,200	1,300	26,600	30,100
Actual Employer Contributions	3,300	6,000	22,700	32,000	6,800	5,200	23,900	35,900
Projected Benefit Payments								
2017					$ 5,100	$ 600	$ 27,300	$ 33,000
2018					6,400	900	32,400	39,700
2019					7,500	1,200	38,100	46,800
2020					9,000	1,600	40,100	50,700
2021					10,800	2,000	42,500	55,300
2022 - 2026					84,000	11,600	240,100	335,700

Sensitivity Analysis

The following table shows the impact of changes to the assumptions, while holding all other assumptions constant on the following by group:

- Defined Benefit Obligation as of December 31, 2016
- Fiscal 2017 Expense

	Defined Benefit Obligation		Fiscal Expense	
	Change ($)	**Change (%)**	**Change ($)**	**Change (%)**
ERTH Holdings				
Effect of 1% decrease in discount rate	$ 73,900	24.5%	$ 8,800	21.4%
Effect of 1% increase in salary scale	14,500	4.8%	3,200	7.8%
Effect of 1% increase in Medical/Dental trend rates	20,300	6.7%	4,100	10.0%
ERTH Corporation				
Effect of 1% decrease in discount rate	$ 18,900	25.8%	$ 900	15.3%
Effect of 1% increase in salary scale	3,200	4.4%	400	6.8%
Effect of 1% increase in Medical/Dental trend rates	2,400	3.3%	400	6.8%
Powerlines				
Effect of 1% decrease in discount rate	$ 144,400	18.1%	$ 2,000	3.9%
Effect of 1% increase in salary scale	18,500	2.3%	2,100	4.1%
Effect of 1% increase in Medical/Dental trend rates	22,600	2.8%	2,700	5.3%
All Groups				
Effect of 1% decrease in discount rate	$ 237,200	20.2%	$ 11,700	11.9%
Effect of 1% increase in salary scale	36,200	3.1%	5,700	5.8%
Effect of 1% increase in Medical/Dental trend rates	45,300	3.9%	7,200	7.3%

Projected Fiscal 2017 Expense

The Company's OPEB plan expense for the year ending December 31, 2017 under IAS 19 is as follows:

	ERTH Holdings	ERTH Corporation	Powerlines	Total
Amount Recognized in 2017 Expense				
Service Cost*	$ 29,200	$ 3,000	$ 19,900	$ 52,100
Interest Cost	12,000	2,900	31,300	46,200
Expected Administration Cost	-	-	-	-
Cost (Income)	$ 41,200	$ 5,900	$ 51,200	$ 98,300
Weighted Average Assumptions				
Discount Rate	4.00%	4.00%	4.00%	
Basic Information				
2017 Estimated Benefit Payments	$ 5,100	$ 600	$ 27,300	$ 33,000
2017 Estimated Employer Contributions	5,100	600	27,300	33,000

** Interest on Service Cost has been included in the Service Cost component under IAS 19*

Accounting Policy

The Company is subject to IAS 19 accounting for years beginning January 1, 2014 and after.

Accounting policy for recognizing gains and losses

- Gains and losses are recognized in the Other Comprehensive Income (OCI) in the period in which they occur.

Accounting policy for curtailment and settlement impact

- The impacts of curtailment and settlement are recognized in the income statement in the period in which they occur.

General description of the plan

- The OPEB plans provide the following benefits:
  - Retiree Life Insurance benefits (currently provided by Mearie) for all eligible current and future retirees of ERTH; and
  - Retiree Medical, Dental and Life Insurance benefits (currently provided by Manulife) for all eligible current and future retirees, with retirees paying a portion of the costs.

2016 Valuation Gain/Loss

The following tables present a reconciliation of the change in the Defined Benefit Obligation (DBO) and Service Cost (SC), and Benefit Payments (BPs) from expected as of December 31, 2016 (under fiscal 2015 year-end assumptions) to revised as of December 31, 2016 (under new valuation assumptions):

All Groups Combined

	12/31/2016 Defined Benefit Obligation	2017 Service Cost (End of Year)	2017 Expected Benefit Payments
Expected as of December 31, 2016	**$ 1,305,500**	**$ 74,200**	**$ 33,300**
Plus Increase (Decrease) Due to:			
New Census Data	(44,600)	(8,600)	1,900
New Premium and Claims Costs	(35,700)	(3,300)	(2,200)
Updated Trend Assumption	1,800	(100)	0
Updated Salary Scale	(18,800)	(2,300)	0
New Withdrawal Assumption	(35,700)	(7,800)	0
Subtotal:	**$ (133,000)**	**$ (22,100)**	**$ (300)**
Revised as of December 31, 2016	**$ 1,172,500**	**$ 52,100**	**$ 33,000**

Comments

- Overall, the OPEB liability has decreased from $1,305,500 to $1,172,500 as a result of the new valuation
- Nearly every update to the valuation produced a gain, with the most significant changes being the new census data, premium and claims changes, and the addition of a withdrawal assumption
  - Liability decrease due to census data is driven by declines in Powerlines retiree liability and ERTH Corporation active liability
  - Premium rates are largely in line with prior assumptions; however, age-grading the claims costs resulted in a marked decrease to the liability
  - The Medical trend was reset, producing a minor loss that was largely offset by a decrease to the Dental trend assumption
  - The salary scale decreased from 2.50% per year to 2.00% per year in accordance with ERTH's best estimates
  - Prior valuations did not include a withdrawal assumption, but with material terminations under the plan over the past three years, this provided the rationale to include a withdrawal assumption ongoing

ERTH Holdings

		12/31/2016 Defined Benefit Obligation		2017 Service Cost (End of Year)		2017 Expected Benefit Payments
Expected as of December 31, 2016	**$**	**324,300**	**$**	**36,400**	**$**	**2,600**
Plus Increase (Decrease) Due to:						
New Census Data		21,200		1,100		4,200
New Premium and Claims Costs		(14,800)		(1,900)		(1,700)
Updated Trend Assumption		300		0		0
Updated Salary Scale		(7,800)		(1,500)		0
New Withdrawal Assumption		(21,100)		(4,900)		0
Subtotal:	**$**	**(22,200)**	**$**	**(7,200)**	**$**	**2,500**
Revised as of December 31, 2016	**$**	**302,100**	**$**	**29,200**	**$**	**5,100**

Comments

- Overall, the OPEB liability has decreased from $324,300 to $302,100 as a result of the new valuation
- Nearly every update to the valuation produced a gain with a notable exception of census data
  - Census data produced an increase due to an increase in headcount and a retiree electing family Manulife coverage (there were no retirees with Manulife coverage in the prior census)

ERTH Corporation

	12/31/2016 Defined Benefit Obligation	2017 Service Cost (End of Year)	2017 Expected Benefit Payments
Expected as of December 31, 2016	**$ 119,000**	**$ 8,500**	**$ 1,500**
Plus Increase (Decrease) Due to:			
New Census Data	(40,200)	(4,800)	(900)
New Premium and Claims Costs	(1,200)	(100)	0
Updated Trend Assumption	0	0	0
Updated Salary Scale	(1,600)	(200)	0
New Withdrawal Assumption	(2,700)	(400)	0
Subtotal:	**$ (45,700)**	**$ (5,500)**	**$ (900)**
Revised as of December 31, 2016	**$ 73,300**	**$ 3,000**	**$ 600**

Comments

- Overall, the OPEB liability has decreased significantly from $119,000 to $73,300 as a result of the new valuation and the Service Cost has decreased accordingly
- Most valuation updates produced marginal gains except census data which resulted in a significant liability decrease
  - The census run produced a large gain due to loss in headcount on the active plan from 11 members to 6 members

Powerlines

	12/31/2016 Defined Benefit Obligation	2017 Service Cost (End of Year)	2017 Expected Benefit Payments
Expected as of December 31, 2016	**$ 862,200**	**$ 29,300**	**$ 29,200**
Plus Increase (Decrease) Due to:			
New Census Data	(25,600)	(4,900)	(1,400)
New Premium and Claims Costs	(19,700)	(1,300)	(500)
Updated Trend Assumption	1,500	(100)	0
Updated Salary Scale	(9,400)	(600)	0
New Withdrawal Assumption	(11,900)	(2,500)	0
Subtotal:	**$ (65,100)**	**$ (9,400)**	**$ (1,900)**
Revised as of December 31, 2016	**$ 797,100**	**$ 19,900**	**$ 27,300**

Comments

- Overall, the OPEB liability has decreased significantly from $862,200 to $797,100 as a result of the new valuation
- Most valuation updates produced marginal gains, with census data being the largest change
  - The census run produced a gain in the retiree liabilities (due to a decreased Life Insurance liability) partly offset by a loss in the active member Life Insurance liability

Personnel Information

Personnel Statistics

The actuarial valuation was based on personnel information from ERTH records as of December 31, 2016. The following are some of the pertinent characteristics from the personnel data as of that date. Prior year characteristics are also provided for comparison purposes. Both age and service have been determined using years and months as of the valuation date.

All Groups Combined

	As at December 31, 2013	As at December 31, 2016	Change
Actives Not Fully Eligible			
Number	88	90	2
Average Age	40.7	41.3	0.5
Average Service	8.7	9.5	0.8
Average Earnings	$74,352	$79,371	$5,019
Actives Fully Eligible			
Number	13	13	0
Average Age	59.2	59.3	0.1
Average Service	18.6	21.7	3.1
Average Earnings	$95,519	$90,132	-$5,387
Retirees			
Number	25	30	5
Average Age	72.2	71.8	(0.4)
Total Participants			
Number	126	133	7
Retiree Manulife Benefits			
No Coverage (Mearie only)	25	28	3
Single Coverage	0	1	1
Family Coverage	0	1	1
Total	**25**	**30**	**5**

ERTH Holdings

	As at December 31, 2013	As at December 31, 2016	Change
Actives Not Fully Eligible			
Number	44	49	5
Average Age	38.2	39.2	1.0
Average Service	5.9	6.3	0.4
Average Earnings	$71,560	$77,033	$5,473
Actives Fully Eligible			
Number	2	3	1
Average Age	61.9	60.4	(1.5)
Average Service	2.3	15.8	13.5
Average Earnings*	N/A	N/A	N/A
Retirees			
Number	4	6	2
Average Age	65.4	66.0	0.7
Total Participants			
Number	50	58	8
Retiree Manulife Benefits			
No Coverage (Mearie only)	4	5	1
Single Coverage	0	0	0
Family Coverage	0	1	1
Total	**4**	**6**	**2**

** For groups with fewer than 5 employees, earnings information is shown as “N/A” for privacy*

ERTH Corporation

	As at December 31, 2013	As at December 31, 2016	Change
Actives Not Fully Eligible			
Number	8	5	(3)
Average Age	40.4	41.2	0.8
Average Service	5.0	7.5	2.5
Average Earnings*	$92,065	N/A	N/A
Actives Fully Eligible			
Number	3	1	(2)
Average Age	61.3	59.8	(1.5)
Average Service	12.3	12.6	0.4
Average Earnings*	N/A	N/A	N/A
Retirees			
Number	1	3	2
Average Age	66.1	67.4	1.3
Total Participants			
Number	12	9	(3)
Retiree Manulife Benefits			
No Coverage (Mearie only)	1	3	2
Single Coverage	0	0	0
Family Coverage	0	0	0
Total	**1**	**3**	**2**

** For groups with fewer than 5 employees, earnings information is shown as "N/A" for privacy*

Powerlines

	As at December 31, 2013	As at December 31, 2016	Change
Actives Not Fully Eligible			
Number	36	36	0
Average Age	43.9	44.1	0.2
Average Service	12.9	14.0	1.1
Average Earnings	$73,827	$81,768	$7,941
Actives Fully Eligible			
Number	8	9	1
Average Age	57.8	58.9	1.1
Average Service	25.0	24.6	(0.4)
Average Earnings	$70,464	$89,075	$18,611
Retirees			
Number	20	21	1
Average Age	73.9	74.1	0.2
Total Participants			
Number	64	66	2
Retiree Manulife Benefits			
No Coverage (Mearie only)	20	20	0
Single Coverage	0	1	1
Family Coverage	0	0	0
Total	**20**	**21**	**1**

Age and Service Tables

Active Employees

The table below illustrates the distribution of active members as of December 31, 2016 by age and accrued years of service.

	Years of Service Band									
Age Band	**0-4**	**5-9**	**10-14**	**15-19**	**20-24**	**25-29**	**30-34**	**35-39**	**40+**	**Total**
0-24	4	0	0	0	0	0	0	0	0	**4**
25-29	7	1	0	0	0	0	0	0	0	**8**
30-34	10	7	0	0	0	0	0	0	0	**17**
35-39	1	4	3	1	0	0	0	0	0	**9**
40-44	7	5	1	1	1	0	0	0	0	**15**
45-49	4	3	5	2	1	1	0	0	0	**16**
50-54	1	6	4	1	2	6	0	1	0	**21**
55-59	0	1	1	2	2	1	1	0	0	**8**
60-64	0	1	0	1	0	1	2	0	0	**5**
65+	0	0	0	0	0	0	0	0	0	**0**
Total	**34**	**28**	**14**	**8**	**6**	**9**	**3**	**1**	**0**	**103**

Retired Employees and Spouses

The table below illustrates the distribution of members receiving benefits as of December 31, 2016 by age and status.

Age Band	**Retirees**	**Spouses**	**Surviving Spouses**	**Total**
0-54	0	0	0	0
55-59	2	0	0	2
60-64	3	1	0	4
65-69	10	0	0	10
70-74	5	0	0	5
75-79	4	0	0	4
80+	6	0	0	6
Total	**30**	**1**	**0**	**31**

Membership Data Reconciliation

Below are tables showing the changes in the number of participants from December 31, 2013 to December 31, 2016.

All Groups Combined

Data Reconciliation	Actives	Retirees	Surviving Spouses	Total
Headcount – 12.31.2013	**101**	**25**	**0**	**126**
Data Corrections	5	0	0	5
Changes due to:				
New Entrants	19	0	0	19
Retirements	(7)	7	0	0
Terminations	(15)	0	0	(15)
Deaths	0	(2)	0	(2)
Subtotal:	**(3)**	**5**	**0**	**2**
Headcount – 12.31.2016	**103**	**30**	**0**	**133**

Comments

- The active population has remained fairly stable with new entrants mostly balancing out terminations and retirements
- The retiree population has grown with more retirements as the plan matures
  - There are now two retirees receiving Manulife benefits (up from zero in 2013)
- There continue to be no surviving spouses covered under the plan
- The five data corrections consist of active employees who have dates of hire prior to December 31, 2013 but were not included in the prior valuation

ERTH Holdings

Data Reconciliation	**Actives**	**Retirees**	**Surviving Spouses**	**Total**
Headcount – 12.31.2013	**46**	**4**	**0**	**50**
Data Corrections	5	0	0	5
Changes due to:				
New Entrants	15	0	0	15
Retirements	(2)	2	0	0
Terminations	(12)	0	0	(12)
Deaths	0	0	0	0
Subtotal:	**1**	**2**	**0**	**3**
Headcount – 12.31.2016	**52**	**6**	**0**	**58**

Comments

- ERTH Holdings has seen the most changes in demographics since the last valuation
- The five data corrections consist of active employees who have dates of hire prior to December 31, 2013 but were not included in the prior valuation

ERTH Corporation

Data Reconciliation	**Actives**	**Retirees**	**Surviving Spouses**	**Total**
Headcount – 12.31.2013	**11**	**1**	**0**	**12**
Data Corrections	(2)	0	0	(2)
Changes due to:				
New Entrants	1	0	0	1
Retirements	(2)	2	0	0
Terminations	(2)	0	0	(2)
Deaths	0	0	0	0
Subtotal:	**(3)**	**2**	**0**	**(1)**
Headcount – 12.31.2016	**6**	**3**	**0**	**9**

Comments

- ERTH Corporation is the smallest division and has seen little change in the plan
- Data corrections consist of two employees being moved to the Powerlines division

Powerlines

Data Reconciliation	Actives	Retirees	Surviving Spouses	Total
Headcount – 12.31.2013	**44**	**20**	**0**	**64**
Data Corrections	2	0	0	2
Changes due to:				
New Entrants	3	0	0	3
Retirements	(3)	3	0	0
Terminations	(1)	0	0	(1)
Deaths	0	(2)	0	(2)
Subtotal:	**(1)**	**1**	**0**	**0**
Headcount – 12.31.2016	**45**	**21**	**0**	**66**

Comments

- Powerlines has been a very stable group since the last valuation
- Data corrections consist of two employees being moved from ERTH Holdings into the Powerlines division

Plan Provisions

General Provisions

The Company provides Medical, Dental and Life Insurance benefits to eligible retirees and their dependents.

A core salary-based Life Insurance benefit is provided to all eligible retirees through Mearie. Retirees also have the option of electing a pre-65 Medical/Dental/Life Insurance package upon retirement through Manulife, for which retirees pay 50% of the premium.

A summary of the major provisions of the retiree benefits plan which have an impact on the projection of future plan costs is provided below.

Eligibility

Retirees and surviving spouses of eligible retirees are eligible for benefits covered under the Plan upon satisfaction of the following criteria:

Benefit	Eligibility Criteria at Retirement
Life Insurance (salary-based benefit)	Age 55
Life Insurance (flat benefit)	Age 55
Medical	Age 55
Dental	Age 55

Termination of Coverage

Coverage ends for retirees and surviving spouses of eligible retirees upon the following criteria:

Benefit	Termination
Life Insurance (salary-based benefit)	Lifetime
Life Insurance (flat benefit)	Age 65;
Medical	Age 65 (24 months surviving spouse coverage)
Dental	Age 65 (24 months surviving spouse coverage)

Life Insurance

Benefit	Life Insurance Coverage
Salary-based Benefit (Provided by Mearie)	<u>Superseded Plan (closed)</u> Date of hire prior to May 1, 1967: 50% of final earnings Date of hire on May 1, 1967 or later: 70% of active coverage <u>Current Plan</u> Less than 10 years of service: $2,000 More than 10 years of service: 50% of final annual earnings, reducing by 2.5% of final annual earnings per year for 10 years, to an ultimate amount of 25% of final annual earnings
Flat Benefit (Provided by Manulife)	<u>Management</u> Under age 65: $5,000 Over age 65: No coverage <u>Non-Management</u> Under age 65: $3,000 Over age 65: No coverage

Dental Benefits

Benefit	Dental Coverage
Deductible	None
Coinsurance	Preventative: 100% Basic: 100% Major (including dentures): 50% Orthodontia: 50%
Maximums	Preventative and Basic: Unlimited Major (including dentures): $2,000/year Orthodontia: $2,500/lifetime
Dental Fee Guide	One year lag

Medical Benefits

Benefit	**Medical Coverage**
Annual Deductible	None
Coinsurance	100%
Prescription Drugs	Drug card; Fertility drugs: 6 months of 6 cycles of treatment per lifetime; Anti-smoking: $300/lifetime
Vision Care	Eye exams: 1/24 months (adult), 1/12 months (child); Glasses, lenses, contacts, laser eye surgery: $450/24 months (adult), $450/12 months (child)
Paramedical Practitioners	Chiropractor: $600/year; Osteopath: $600/year; Podiatrist/Chiropodist: $600/year; Other practitioners*: $500/year
Hospital	100% semi-private
Private Duty Nursing	$10,000/year
Orthopaedic Shoes	$100/year (stock item only)
Orthotics	2 pairs/year (recommendation required)
Hearing Aids	$400/5 years
Out of country	$5,000,000/lifetime

** Other practitioners include massage therapist, dietician, naturopath, speech therapist, physiotherapist, psychologist/social worker, and acupuncturist*

Actuarial Assumptions and Methods

	December 31, 2015 Disclosure and Fiscal 2016 Expense	December 31, 2016 Disclosure and Fiscal 2017 Expense
Economic Assumptions		
Discount Rate	4.00% per year	No change
Expected Long-Term Return on Assets	Not applicable	No change
Salary Scale	2.50% per year	2.00% per year
Government Benefits	It has been assumed that current government benefits will continue unchanged	No change
Per Capita Claims Costs	See Table A	See Table A
Retiree Premium Rates	See Table B	See Table B
Increase in Dental Claims Cost	4.50% per year	4.00% per year
Increase in Medical Claims Cost	8.00% per year starting in 2012; reducing over 20 years to 4.50%	7.00% per year starting in 2017; reducing over 20 years to 4.00%
Increase in Claims by Age	None assumed	See Table A
Expenses and Taxes		
Medical and Dental	Included in claims costs	No change
Life Insurance	20%	No change
Demographic Assumptions		
Retirement Rates	10% per year starting at age 55; 100% at earliest of either age 65 or 90 points	No change
Mortality Rates	2014 Canadian Public Sector Pensioners' Mortality Table with mortality improvement scale CPM-B	No change
Withdrawal Rates	None assumed	Ontario Light Termination Table (See Table C)
Disability Rates	None assumed	No change
Percentage Married at Retirement	80% assumed to be married Males assumed to be three years older than a female spouse.	No change
Participation Rate (Manulife)	25%	No change
Cost Methods		
Actuarial Cost Method	Projected Unit Credit Prorated on Service to full Eligibility	No change

Table A—Annual Claims Costs

The following table shows sample claims costs as of December 31, 2016 expected based on the prior valuation and then revised based on the new valuation.

	2013 Valuation Claims Costs Expected as at December 31, 2016		2016 Valuation Claims Costs Actual as at December 31, 2016	
Age	**Medical**	**Dental**	**Medical**	**Dental**
50 & under	$3,387	$773	$1,956	$780
55	$3,387	$773	$2,496	$780
60	$3,387	$773	$3,186	$780
65	$3,387	$773	$2,236	$780
70	$3,387	$773	$2,708	$780
75	$3,387	$773	$3,200	$780
80	$3,387	$773	$3,692	$780
85+	$3,387	$773	$4,075	$780

Comments

- Expected per capita claims cost assumptions are based on the Manulife premium rates
- Medical claims are then adjusted to reflect retiree-only experience
- Medical claims are further adjusted for aging in the new valuation:
  - Claims increase by 5% per year from ages 50 to 65, with a reduction of 45% at age 65
  - Claims increase by 4% per year grading down by 50 basis points every five years from ages 65 to 85, and remain constant after age 85

Table B—Annual Premium Rates

The following table shows the gross premium rates as of December 31, 2016 expected based on the prior valuation and then revised based on the new valuation.

Benefit	Coverage	2013 Valuation Premium Rates Expected as at December 31, 2016	2016 Valuation Premium Rates Actual as at December 31, 2016
Medical	Retiree Only	$1,355	$1,408
	Retiree and Family	$3,231	$3,375
Dental	Retiree Only	$773	$780
	Retiree and Family	$1,989	$2,007

Comments

- The retiree premium rates are based on active/retiree blended experience
- Premium contributions are calculated as 50% of the gross premium rates, including 8% sales tax.

Table C—Withdrawal Rates

Age	Rate	Age	Rate
19 & under	0.0000	35	0.0320
20	0.1500	36	0.0300
21	0.1400	37	0.0280
22	0.1300	38	0.0260
23	0.1200	39	0.0240
24	0.1100	40	0.0220
25	0.1000	41	0.0198
26	0.0912	42	0.0176
27	0.0824	43	0.0154
28	0.0736	44	0.0132
29	0.0648	45	0.0110
30	0.0560	46	0.0088
31	0.0512	47	0.0066
32	0.0464	48	0.0044
33	0.0416	49	0.0022
34	0.0368	50+	0.0000

Comments

- Based on termination experience under the plan since the prior valuation, a withdrawal assumption is appropriate for valuing future benefits
- The Ontario Light Termination Table has been used

Employer Certification

With respect to the non-pension postretirement benefits included in this report, I hereby certify that, to the best of my knowledge and belief:

- The membership data supplied to the actuary, and summarized in the Personnel Information section of this report, provides a complete and accurate description of all persons who are entitled to benefits under the terms of this Plan for service up to the valuation date (December 31, 2016);
- The plan provisions summarized in the Plan Provisions section of this report, and relied upon by the Actuary in preparing the December 31, 2016 disclosure, accurately reflect the benefits provided to the plan participants;
- All Substantive Plan commitments/constructive obligations have been communicated to the Actuary;
- Management's best estimate assumptions are as described in the Actuarial Assumptions & Methods section of this report.

Name (print) of Authorized Signatory	Title
Signature	Date

Employer Certification

With respect to the non-pension postretirement benefits included in this report, I hereby certify that, to the best of my knowledge and belief:

- The membership data supplied to the actuary, and summarized in the Personnel Information section of this report, provides a complete and accurate description of all persons who are entitled to benefits under the terms of this Plan for service up to the valuation date (December 31, 2016);
- The plan provisions summarized in the Plan Provisions section of this report, and relied upon by the Actuary in preparing the December 31, 2016 disclosure, accurately reflect the benefits provided to the plan participants;
- All Substantive Plan commitments/constructive obligations have been communicated to the Actuary;
- Management's best estimate assumptions are as described in the Actuarial Assumptions & Methods section of this report.

Sherry Collier	Controller
Name (print) of Authorized Signatory	Title
	03/29/17
Signature	Date

About Aon Hewitt

Aon Hewitt is the global leader in human capital consulting and outsourcing solutions. The company partners with organizations to solve their most complex benefits, talent and related financial challenges, and improve business performance. Aon Hewitt designs, implements, communicates and administers a wide range of human capital, retirement, investment management, health care, compensation and talent management strategies. With more than 30,000 professionals in 90 countries, Aon Hewitt makes the world a better place to work for clients and their employees.

For more information on Aon Hewitt, please visit aonhewitt.com/canada.

About Aon

Aon plc (NYSE:AON) is the leading global provider of risk management, insurance and reinsurance brokerage, and human resources solutions and outsourcing services. Through its more than 66,000 colleagues worldwide, Aon unites to empower results for clients in over 120 countries via innovative and effective risk and people solutions and through industry-leading global resources and technical expertise. Aon has been named repeatedly as the world's best broker, best insurance intermediary, best reinsurance intermediary, best captives manager, and best employee benefits consulting firm by multiple industry sources. Visit aon.com for more information on Aon and aon.com/manchesterunited to learn about Aon's global partnership with Manchester United.

Attachment 19 (of 21):

4-S 2015 Tax Return

Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

200

055 **Do not use this area**

This form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in Quebec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporation return.

All legislative references on this return are to the federal *Income Tax Act* and *Income Tax Regulations*. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the *General Index of Financial Information* (GIFI), to your tax centre or tax services office. You have to file the return within six months after the end of the corporation's tax year.

For more information see **www.cra.gc.ca** or Guide T4012, *T2 Corporation – Income Tax Guide*.

Identification

Business number (BN) 001 86371 9498 RC0002

Corporation's name
002 Erie Thames Powerlines Corporation

Address of head office
Has this address changed since the last time we were notified? 010 1 Yes [ ] 2 No [X]
(If **yes**, complete lines 011 to 018.)
011 143 Bell Street
012 PO Box 157
City: 015 Ingersoll
Province, territory, or state: 016 ON
Country (other than Canada): 017
Postal code/Zip code: 018 N5C 3K5

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? 020 1 Yes [ ] 2 No [X]
(If **yes**, complete lines 021 to 028.)
021 c/o
022
023
City: 025
Province, territory, or state: 026
Country (other than Canada): 027
Postal code/Zip code: 028

Location of books and records (if different from head office address)
Has the location of books and records changed since the last time we were notified? 030 1 Yes [ ] 2 No [X]
(If **yes**, complete lines 031 to 038.)
031 143 Bell Street
032 PO Box 157
City: 035 Ingersoll
Province, territory, or state: 036 ON
Country (other than Canada): 037
Postal code/Zip code: 038 N5C 3K5

040 **Type of corporation at the end of the tax year**
1 [X] Canadian-controlled private corporation (CCPC)
2 [ ] Other private corporation
3 [ ] Public corporation
4 [ ] Corporation controlled by a public corporation
5 [ ] Other corporation (specify, below)

If the type of corporation changed during the tax year, provide the effective date of the change 043 ______ YYYY MM DD

To which tax year does this return apply?
Tax year start: 060 2015-01-01 (YYYY MM DD)
Tax year-end: 061 2015-12-31 (YYYY MM DD)

Has there been an acquisition of control to which subsection 249(4) applies since the tax year start on line 060? 063 1 Yes [ ] 2 No [X]
If **yes**, provide the date control was acquired 065 ______ YYYY MM DD

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? 066 1 Yes [ ] 2 No [X]

Is the corporation a professional corporation that is a member of a partnership? 067 1 Yes [ ] 2 No [X]

Is this the first year of filing after:
Incorporation? 070 1 Yes [ ] 2 No [X]
Amalgamation? 071 1 Yes [ ] 2 No [X]
If **yes**, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? 072 1 Yes [ ] 2 No [X]
If **yes**, complete and attach Schedule 24.

Is this the final tax year before amalgamation? 076 1 Yes [ ] 2 No [X]

Is this the final return up to dissolution? 078 1 Yes [ ] 2 No [X]

If an election was made under section 261, state the functional currency used 079

Is the corporation a resident of Canada?
080 1 Yes [X] 2 No [ ] If **no**, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? 082 1 Yes [ ] 2 No [X]
If **yes**, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
1 [ ] Exempt under paragraph 149(1)(e) or (l)
2 [ ] Exempt under paragraph 149(1)(j)
3 [ ] Exempt under paragraph 149(1)(t)
4 [ ] Exempt under other paragraphs of section 149

Do not use this area

095 096 898

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.
Schedules – Answer the following questions. For each **yes** response, **attach** the schedule to the T2 return, unless otherwise instructed.

Question	Line	Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered **yes** to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164		14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165		15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the *Income Tax Regulations*?	170		29
Did the corporation have a total amount over $1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		
Does the corporation earn income from one or more Internet webpages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts to Canada, a province, or a territory; gifts of cultural or ecological property; or gifts of medicine?	202	X	2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203	X	3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Has the corporation realized any capital gains or incurred any capital losses during the tax year?	206		6
i) Is the corporation claiming the small business deduction and reporting income from: a) property (other than dividends deductible on line 320 of the T2 return), b) a partnership, c) a foreign business, or d) a personal services business; or ii) does the corporation have aggregate investment income at line 440?	207		7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any property that is eligible capital property?	210	X	10
Does the corporation have any resource-related deductions?	212		12
Is the corporation claiming deductible reserves (other than transitional reserves under section 34.2)?	213		13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or an additional deduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231	X	31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232		T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	
Is the corporation claiming a surtax credit?	237		37
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II - Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit refund?	253		T1131
Is the corporation claiming a film or video production services tax credit refund?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments – continued from page 2

	Line	Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265	X	55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

	Line	1 Yes	2 No
Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	X	
Is the corporation inactive?	280		X

What is the corporation's main revenue-generating business activity? 221122 Electric Power Distribution

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

Line	Product/service	Line	%
284	Distribution of Electricity	285	100.000 %
286		287	%
288		289	%

	Line	1 Yes	2 No
Did the corporation immigrate to Canada during the tax year?	291		X
Did the corporation emigrate from Canada during the tax year?	292		X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293		

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible 294 ______ YYYY MM DD

If the corporation's major business activity is construction, did you have any subcontractors during the tax year? 295 1 Yes ☐ 2 No ☐

Taxable income

	Line		Amount	
Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI.	300		107,912	A
Deduct: Charitable donations from Schedule 2	311	5,500		
Gifts to Canada, a province, or a territory from Schedule 2	312			
Cultural gifts from Schedule 2	313			
Ecological gifts from Schedule 2	314			
Gifts of medicine from Schedule 2	315			
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320			
Part VI.1 tax deduction*	325			
Non-capital losses of previous tax years from Schedule 4	331			
Net capital losses of previous tax years from Schedule 4	332			
Restricted farm losses of previous tax years from Schedule 4	333			
Farm losses of previous tax years from Schedule 4	334			
Limited partnership losses of previous tax years from Schedule 4	335			
Taxable capital gains or taxable dividends allocated from a central credit union	340			
Prospector's and grubstaker's shares	350			
Subtotal		5,500 ▶	5,500	B
Subtotal (amount A **minus** amount B) (if negative, enter "0")			102,412	C
Add: Section 110.5 additions or subparagraph 115(1)(a)(vii) additions	355			D
Taxable income (amount C **plus** amount D)	360		102,412	
Income exempt under paragraph 149(1)(t)	370			
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 **minus** line 370)			102,412	Z
Taxable income for the year from a personal services business**				Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 8.

** For a taxation year that ends after 2015.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income from active business carried on in Canada from Schedule 7			**400**	107,912 A
Taxable income from line 360 on page 3, **minus** 100/28 3.57143 of the amount on line 632* on page 7, **minus** 4 times the amount on line 636** on page 7, and **minus** any amount that, because of federal law, is exempt from Part I tax			**405**	102,412 B
Business limit (see notes 1 and 2 below)	500,000	C.1		
Corporation's business limit amount assigned to related CPCCs by virtue of the rules proposed in the March 22, 2016 Federal Budget (For more information, consult the Help (F1).)		C.2		
Business limit after assignment (amount C.1 **minus** amount C.2)	500,000	►	**410**	500,000 C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year divided by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction:

Amount C 500,000 x **415** *** 91,836 D / 11,250 = 4,081,600 E

Reduced business limit (amount C **minus** amount E) (if negative, enter "0") **425** F

Small business deduction

Amount A, B, C, or F, whichever is the least ______ x Number of days in the tax year before January 1, 2016 / Number of days in the tax year 365 / 365 x 17 % = ______ 1

Amount A, B, C, or F, whichever is the least ______ x Number of days in the tax year after December 31, 2015, and before January 1, 2017 / Number of days in the tax year ______ / 365 x 17.5 % = ______ 2

Total of amounts 1 and 2 (enter amount G on line I on page 7) **430** ______ G

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

***** Large corporations**

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **prior year** minus $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **current year** minus $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)			102,412	A
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		B		
Amount K13 from Part 13 of Schedule 27		C		
Personal service business income	432	D		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		E		
Amount from line 400, 405, 410, or 425 on page 4, whichever is the least		F		
Aggregate investment income from line 440 on page 6*		G		
Subtotal (**add** amounts B to G)		▶		H
Amount A **minus** amount H (if negative, enter "0")			102,412	I
General tax reduction for Canadian-controlled private corporations – Amount I **multiplied** by 13 %			13,314	J

Enter amount J on line 638 on page 7.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)				K
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		L		
Amount K13 from Part 13 of Schedule 27		M		
Personal service business income	434	N		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		O		
Subtotal (**add** amounts L to O)		▶		P
Amount K **minus** amount P (if negative, enter "0")				Q
General tax reduction – Amount Q **multiplied** by 13 %				R

Enter amount R on line 639 on page 7.

Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7	**440**	x (26 2 / 3 + 4 x (Number of days in the tax year after 2015) / 365 (Number of days in the tax year)) % =		A
Foreign non-business income tax credit from line 632 on page 7				B
Deduct: Foreign investment income from Schedule 7	**445**	x (9 1 / 3 – 1 1 / 3 x (Number of days in the tax year after 2015) / 365 (Number of days in the tax year)) % =		C
		(if negative, enter "0")		D
Amount A **minus** amount D (if negative, enter "0")				E
Taxable income from line 360 on page 3		102,412		F
Deduct:				
Amount from line 400, 405, 410, or 425 on page 4, whichever is the least				G
Foreign non-business income tax credit from line 632 on page 7	x 100 / 35 =			H
Foreign business income tax credit from line 636 on page 7	x 4 =			I
Subtotal				J
		102,412		K
K x (26 2 / 3 + 4 x (Number of days in the tax year after 2015) / 365 (Number of days in the tax year)) % =			27,310	L
Part I tax payable minus investment tax credit refund (line 700 **minus** line 780 from page 8)			7,362	M
Refundable portion of Part I tax – Amount E, L, or M, whichever is the least	**450**			N

Refundable dividend tax on hand

Refundable dividend tax on hand at the end of the previous tax year	**460**	533		
Deduct: Dividend refund for the previous tax year	**465**			
		533	533	O
Add the total of:				
Refundable portion of Part I tax from line 450 above				P
Total Part IV tax payable from Schedule 3				Q
Net refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation	**480**			
				R
Refundable dividend tax on hand at the end of the tax year – Amount O **plus** amount R	**485**		533	

Dividend refund

Private and subject corporations at the time taxable dividends were paid in the tax year

Taxable dividends paid in the tax year from line 460 on page 2 of Schedule 3	2,000,000	x [(1 / 3) + (5 x (Number of days in the tax year after 2015) / 365 (Number of days in the tax year)) %] =	666,667	S
Refundable dividend tax on hand at the end of the tax year from line 485 above			533	T
Dividend refund – Amount S or T, whichever is less			533	U

Enter amount U on line 784 on page 8.

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) **multiplied** by 38 %* . . **550** 38,917 A

* If an amount of taxable income for the year from a personal services business has been entered on line Z.1, the result of the following calculation will be added to the amount on line 550:

Amount Z.1 ______ x (Number of days in the taxation year that are after 2015 ______ / Number of days in the taxation year 365) x 5 % = ______ A.1

Recapture of investment tax credit from Schedule 31 . . . . **602** ______ B

Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income
(if it was a CCPC throughout the tax year)

Aggregate investment income from line 440 on page 6				C
Taxable income from line 360 on page 3	102,412	D		
Deduct:				
Amount from line 400, 405, 410, or 425 on page 4, whichever is the least		E		
Net amount (amount D **minus** amount E)	102,412	▶	102,412	F

Refundable tax on CCPC's investment income –

(6 2 / 3 + 4 x (Number of days in the tax year after 2015 ______ / 365 Number of days in the tax year)) % of whichever is less: amount C or amount F . . . . **604** ______ G

Subtotal (**add** amounts A, B, and G) 38,917 H

Deduct:

Small business deduction from line 430 on page 4			I		
Federal tax abatement	608	10,241			
Manufacturing and processing profits deduction from Schedule 27	616				
Investment corporation deduction	620				
Taxed capital gains **624** ______					
Additional deduction – credit unions from Schedule 17	628				
Federal foreign non-business income tax credit from Schedule 21	632				
Federal foreign business income tax credit from Schedule 21	636				
General tax reduction for CCPCs from amount J on page 5	638	13,314			
General tax reduction from amount R on page 5	639				
Federal logging tax credit from Schedule 21	640				
Eligible Canadian bank deduction under section 125.21	641				
Federal qualifying environmental trust tax credit	648				
Investment tax credit from Schedule 31	652	8,000			
Subtotal		31,555	▶	31,555	J

Part I tax payable – Amount H **minus** amount J . . . . 7,362 K
Enter amount K on line 700 on page 8.

Privacy statement

Personal information is collected under the *Income Tax Act* to administer tax, benefits, and related programs. It may also be used for any purpose related to the administration or enforcement of the Act such as audit, compliance and the payment of debts owed to the Crown. It may be shared or verified with other federal, provincial/territorial government institutions to the extent authorized by law. Failure to provide this information may result in interest payable, penalties or other actions. Under the *Privacy Act*, individuals have the right to access their personal information and request correction if there are errors or omissions. Refer to Info Source **http://www.cra-arc.gc.ca/gncy/tp/nfsrc/nfsrc-eng.html**, personal information bank CRA PPU 047.

Summary of tax and credits

Federal tax

Part I tax payable from amount K on page 7	700	7,362
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		7,362

Add provincial or territorial tax:

Provincial or territorial jurisdiction . . . 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	
Total tax payable	770	7,362 A

Deduct other credits:

Investment tax credit refund from Schedule 31	780		
Dividend refund from amount U on page 6	784	533	
Federal capital gains refund from Schedule 18	788		
Federal qualifying environmental trust tax credit refund	792		
Canadian film or video production tax credit refund (Form T1131)	796		
Film or video production services tax credit refund (Form T1177)	797		
Tax withheld at source	800		
Total payments on which tax has been withheld 801			
Provincial and territorial capital gains refund from Schedule 18	808		
Provincial and territorial refundable tax credits from Schedule 5	812	34,223	
Tax instalments paid	840	178,555	
Total credits	890	213,311 ▶	213,311 B

Refund code 894 1 Overpayment 205,949 ◀ Balance (amount A **minus** amount B) -205,949

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information 910 ______ Branch number

914 ______ Institution number 918 ______ Account number

If the result is positive, you have a **balance unpaid**. If the result is negative, you have an **overpayment**. Enter the amount on whichever line applies. Generally, we do not charge or refund a difference of $2 or less.

Balance unpaid . . . . . . ______

For information on how to make your payment, go to **www.cra-arc.gc.ca/payments**.

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? . . . 896 1 Yes ☐ 2 No X

If this return was prepared by a tax preparer for a fee, provide their EFILE number . . . 920 A4970

PREPARED SOLELY FOR INCOME TAX PURPOSES WITHOUT AUDIT OR REVIEW FROM INFORMATION PROVIDED BY THE TAXPAYER.

Certification

I, 950 Skeoch (Last name (print)) 951 John (First name (print)) 954 CFO (Position, office, or rank),

am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 2016-06-08 Date (yyyy/mm/dd) ______ Signature of the authorized signing officer of the corporation 956 (519) 518-6117 Telephone number

Is the contact person the same as the authorized signing officer? If **no**, complete the information below . . . 957 1 Yes X 2 No ☐

958 ______ Name (print) 959 ______ Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering **1** for English or **2** for French.
Indiquez votre langue de correspondance en inscrivant **1** pour anglais ou **2** pour français. 990 1

Canada Revenue Agency / Agence du revenu du Canada

Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 *Corporation Income Tax Guide*.
- All legislative references are to the *Income Tax Act*.

Amount calculated on line 9999 from Schedule 125			954,914	A
Add:				
Provision for income taxes – current	101	28,000		
Amortization of tangible assets	104	1,525,419		
Loss on disposal of assets	111	20,219		
Charitable donations and gifts from Schedule 2	112	5,500		
Non-deductible club dues and fees	120	469		
Non-deductible meals and entertainment expenses	121	8,379		
Subtotal of additions		1,587,986 ▶	1,587,986	

Other additions:

Miscellaneous other additions:

600	Capital lease interest		290	14,987	
601	Post retirement benefit expense		291	34,200	
602	Smart meter recovery for tax purposes		292	13	
603	Amortization of MIFRS	204,354			
	Inducement - ITA 12(1)(x)	50,678			
	Total	255,032	293	255,032	
604					
	Total		294		
	Subtotal of other additions		199	304,232 ▶	304,232
	Total (lines 101 to 199)		500	1,892,218 ▶	1,892,218 B
	Amount A **plus** amount B				2,847,132 C

Deduct:

Capital cost allowance from Schedule 8			403	2,350,406	
Cumulative eligible capital deduction from Schedule 10			405	17,606	
		Subtotal of deductions		2,368,012 ▶	2,368,012

Other deductions:

Miscellaneous other deductions:

700	Capital lease payments		390	130,583	
701	Co-op & ATTC in actg income		391	54,000	
702	Capital items expensed for tax		392	167,652	
703	Sale of scrap	18,973			
	Total	18,973	393	18,973	
704					
	Total		394		
	Subtotal of other deductions		499	371,208 ▶	371,208
	Total (lines 401 to 499)		510	2,739,220 ▶	2,739,220 D

Net income (loss) for income tax purposes (amount C **minus** amount D) . . . . . . 107,912 E

Enter amount E on line 300 of the T2 return.

T2 SCH 1 E (15)

Canada

Inducement

This form is used to calculate inducements that a corporation must add to its income under paragraph 12(1)(x) of the ITA. If an amount reduces the capital cost of a property, this amount will be indicated in Part "Tax credits whose amount should reduce the capital cost of property."

If you want to transfer an amount to Schedule 1 and include it in the corporation's income for tax purposes, select the corresponding check box in column A. You can also select the option **Select this check box to add all the amounts to income calculated in Schedule 1** to transfer all the amounts to Schedule 1. In either case, the column A check box will be selected for that amount and it will therefore be updated to Schedule 1.

Tax credits whose amount should be added to income

Select this check box to add all the amounts to income calculated in Schedule 1. X

Federal

A		
X	Investment tax credit from apprenticeship job creation expenditures	7,247
X	Investment tax credit from child care spaces expenditures	
X	Canadian film or video production tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Film or video production services tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Investment tax credit claimed on contributions made to SR&ED farming organizations	

Ontario

A		
X	Portion of the Ontario research and development tax credit that relates to the prescribed proxy amount (PPA) and portion of the Ontario investment tax credit that relates to contributions made to SR&ED farming organizations	
X	Ontario co-operative education tax credit	10,993
X	Ontario apprenticeship training tax credit	32,438
X	Ontario computer animation and special effects tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario film and television tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario production services tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario interactive digital media tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario sound recording tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario book publishing tax credit	
X	Portion of the Ontario innovation tax credit that relates to the prescribed proxy amount (PPA) and portion of the Ontario investment tax credit that relates to contributions made to SR&ED farming organizations	
X	Ontario business-research institute tax credit	
	Ontario community food program donation tax credit for farmers	

Tax credits whose amount should reduce the capital cost of property

Canada Revenue Agency / Agence du revenu du Canada

Schedule 2

Charitable Donations and Gifts

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- For use by corporations to claim any of the following:
  - the eligible amount of charitable donations to qualified donees;
  - the Ontario community food program donation tax credit for farmers;
  - the eligible amount of gifts to Canada, a province, or a territory;
  - the eligible amount of gifts of certified cultural property;
  - the eligible amount of gifts of certified ecologically sensitive land; or
  - the additional deduction for gifts of medicine.
- All legislative references are to the federal *Income Tax Act*, unless otherwise specified.
- The eligible amount of a gift is the amount by which the fair market value of the gifted property exceeds the amount of an advantage, if any, for the gift.
- The donations and gifts are eligible for a 5-year carryforward except for gifts of certified ecologically sensitive land made after February 10, 2014, which are eligible for a 10-year carryforward.
- Use this schedule to show a transfer of unused amounts from previous years following an amalgamation or the wind-up of a subsidiary as described under subsections 87(1) and 88(1) of the federal *Act*.
- Subsection 110.1(1.2) of the federal Act provides as follows:
  - Where a particular corporation has undergone an acquisition of control, for tax years that end on or after the acquisition of control, no corporation can claim a deduction for a gift made by the particular corporation to a qualified donee before the acquisition of control.
  - If a particular corporation makes a gift to a qualified donee pursuant to an arrangement under which both the gift and the acquisition of control is expected, no corporation can claim a deduction for the gift unless the person acquiring control of the particular corporation is the qualified donee.
- An eligible medical gift to a qualifying organization for activities outside of Canada may be eligible for an additional deduction. Calculate the additional deduction in Part 6.
- File one completed copy of this schedule with your *T2 Corporation Income Tax Return*.
- For more information, see the *T2 Corporation - Income Tax Guide*.

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
Various	5,500
Subtotal	5,500
Add: Total donations of less than $100 each	
Total donations in current tax year	5,500

Part 1 – Charitable donations

		Federal		Québec	Alberta
Charitable donations at the end of the previous tax year			A		
Deduct: Charitable donations expired after five tax years*	239				
Charitable donations at the beginning of the current tax year	240		B		
Add:					
Charitable donations transferred on an amalgamation or the wind-up of a subsidiary	250				
Total charitable donations made in the current year (include this amount on line 112 of Schedule 1)	210	5,500		5,500	5,500
Subtotal (line 250 **plus** line 210)		5,500	C	5,500	5,500
Subtotal (amount B **plus** amount C)		5,500	D	5,500	5,500
Deduct: Adjustment for an acquisition of control	255				
Total charitable donations available (amount D **minus** amount on line 255)		5,500	E	5,500	5,500
Deduct: Amount applied in the current year against taxable income (cannot be more than amount O in Part 2) (enter this amount on line 311 of the T2 return)	260	5,500		5,500	5,500
Charitable donations closing balance (amount E **minus** amount on line 260)	280				
Ontario community food program donation for farmers included in the amount on line 260 (for donations made after December 31, 2013)	262				
Ontario community food program donation tax credit for farmers (amount on line 262 **multiplied** by 25 %)			1		

Enter the amount from line 1 on line 420 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less; the Ontario income tax otherwise payable or the amount on line 1. For more information, see section 103.1.2 of the *Taxation Act, 2007* (Ontario).

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made in a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Amounts carried forward – Charitable donations

Year of origin:		Federal	Québec	Alberta
1st prior year	2014-12-31			
2nd prior year	2013-12-31			
3rd prior year	2012-12-31			
4th prior year	2011-12-31			
5th prior year	2011-05-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2002-06-30			
16th prior year	2001-06-30			
17th prior year				
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total (to line A)				

* For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, the 6th prior year gifts made in a tax year that ended before March 24, 2006, expire in the current year and the 21st prior year gifts made in a tax year that ended after March 23, 2006, expire in the current year.

Part 2 – Maximum allowable deduction for charitable donations

Net income for tax purposes* **multiplied** by 75 %			80,934	F
Taxable capital gains arising in respect of gifts of capital property included in Part 1 **	225			G
Taxable capital gain in respect of a disposition of a non-qualifying security under subsection 40(1.01)	227			H
The amount of the recapture of capital cost allowance in respect of charitable donations	230			
Proceeds of disposition, **less** outlays and expenses**				I
Capital cost**				J
Amount I or J, whichever is less	235			
Amount on line 230 or 235, whichever is less				K
Subtotal (**add** amounts G, H, and K)				L
Amount L **multiplied** by 25 %				M
Subtotal (amount F **plus** amount M)			80,934	N
Maximum allowable deduction for charitable donations (enter amount E from Part 1, amount N, or net income for tax purposes, whichever is less)			5,500	O

* For credit unions, subsection 137(2) states that this amount is before the deduction of payments pursuant to allocations in proportion to borrowing and bonus interest.

** This amount must be prorated by the following calculation: eligible amount of the gift **divided by** the proceeds of disposition of the gift.

Part 3 – Gifts to Canada, a province, or a territory

Gifts to Canada, a province, or a territory at the end of the previous tax year			A
Deduct: Gifts to Canada, a province, or a territory expired after five tax years	339		
Gifts to Canada, a province, or a territory at the beginning of the current tax year	340		B
Add:			
Gifts to Canada, a province, or a territory transferred on an amalgamation or the wind-up of a subsidiary	350		
Total gifts made to Canada, a province, or a territory in the current year*	310		
Subtotal (line 350 **plus** line 310)		▶	C
Subtotal (amount B **plus** amount C)			D
Deduct:			
Adjustment for an acquisition of control	355		
Amount applied in the current year against taxable income (enter this amount on line 312 of the T2 return)	360		
Subtotal (line 355 **plus** line 360)		▶	E
Gifts to Canada, a province, or a territory closing balance (amount D **minus** amount E)	380		

* Not applicable for gifts made after February 18, 1997, unless a written agreement was made before this date. If no written agreement exists, enter the amount on line 210 and complete Part 2.

Part 4 – Gifts of certified cultural property

		Federal		Québec	Alberta
Gifts of certified cultural property at the end of the previous tax year			F		
Deduct: Gifts of certified cultural property expired after five tax years*	439				
Gifts of certified cultural property at the beginning of the current tax year	440		G		
Add:					
Gifts of certified cultural property transferred on an amalgamation or the wind-up of a subsidiary	450				
Total gifts of certified cultural property in the current year (include this amount on line 112 of Schedule 1)	410				
Subtotal (line 450 **plus** line 410)			H		
Subtotal (amount G **plus** amount H)			I		
Deduct:					
Adjustment for an acquisition of control	455				
Amount applied in the current year against taxable income (enter this amount on line 313 of the T2 return)	460				
Subtotal (line 455 **plus** line 460)			J		
Gifts of certified cultural property closing balance (amount I **minus** amount J)	480				

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made in a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Amount carried forward – Gifts of certified cultural property

Year of origin:		Federal	Québec	Alberta
1st prior year	2014-12-31			
2nd prior year	2013-12-31			
3rd prior year	2012-12-31			
4th prior year	2011-12-31			
5th prior year	2011-05-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2002-06-30			
16th prior year	2001-06-30			
17th prior year				
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total				

***** For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, the 6th prior year gifts made in a tax year that ended before March 24, 2006, expire in the current year and the 21st prior year gifts made in a tax year that ended after March 23, 2006, expire in the current year.

Part 5 – Gifts of certified ecologically sensitive land

	Line	Federal		Québec	Alberta
Gifts of certified ecologically sensitive land at the end of the previous tax year		.	K		
Deduct: Gifts of certified ecologically sensitive land expired after 5 tax years, or after 10 tax years for gifts made after February 10, 2014*	539				
Gifts of certified ecologically sensitive land at the beginning of the current tax year	540		L		
Add:					
Gifts of certified ecologically sensitive land transferred on an amalgamation or the wind-up of a subsidiary	550				
Total current-year gifts of certified ecologically sensitive land made before February 11, 2014 (include this amount on line 112 of Schedule 1)	510				
Total current-year gifts of certified ecologically sensitive land made after February 10, 2014 (include this amount on line 112 of Schedule 1)	520				
Subtotal (**add** lines 550, 510, and 520)			M		
Subtotal (amount L **plus** amount M)			N		
Deduct:					
Adjustment for an acquisition of control	555				
Amount applied in the current year against taxable income (enter this amount on line 314 of the T2 return)	560				
Subtotal (line 555 **plus** line 560)			O		
Gifts of certified ecologically sensitive land closing balance (amount N **minus** amount O)	580				

* For the federal and Alberta, gifts made before February 11, 2014 , expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. For Québec, gifts made during a tax year that ended before March 24, 2006, expire after five tax years and gifts made during a tax year that ended after March 23, 2006 expire after twenty tax years.

Amounts carried forward – Gifts of certified ecologically sensitive land

Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date . . . .

Year of origin:		Federal	Québec	Alberta
1st prior year	2014-12-31			
2nd prior year	2013-12-31			
3rd prior year	2012-12-31			
4th prior year	2011-12-31			
5th prior year	2011-05-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year*	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2002-06-30			
16th prior year	2001-06-30			
17th prior year				
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total				

* For the federal and Alberta, gifts made before February 11, 2014, expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. The field "Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date" is used to determine the portion of the gifts made in the tax year straddling February 11, 2014, that expires after ten tax years.
For Québec, gifts made during a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Part 6 – Additional deduction for gifts of medicine

	Code	Federal		Québec		Alberta	
Additional deduction for gifts of medicine at the end of the previous tax year			P				
Deduct: Additional deduction for gifts of medicine expired after five tax years	639						
Additional deduction for gifts of medicine at the beginning of the current tax year	640		Q				
Add:							
Additional deduction for gifts of medicine transferred on an amalgamation or the wind-up of a subsidiary	650						
Additional deduction for gifts of medicine for the current year:							
Proceeds of disposition	602		1		1		1
Cost of gifts of medicine	601		2		2		2
Subtotal (line 1 **minus** line 2)			3		3		3
Line 3 **multiplied** by 50 %			4		4		4
Eligible amount of gifts	600		5		5		5

Federal

a ______ x (b / c) = Additional deduction for gifts of medicine for the current year . . . . **610** ______

Québec

a ______ x (b / c) = Additional deduction for gifts of medicine for the current year . . . . ______

Alberta

a ______ x (b / c) = Additional deduction for gifts of medicine for the current year . . . . ______

where:

a is the **lesser** of line 2 and line 4

b is the eligible amount of gifts (line 600)

c is the proceeds of disposition (line 602)

	Code	Federal		Québec	Alberta
Subtotal (line 650 **plus** line 610)			R		
Subtotal (amount Q **plus** amount R)			S		
Deduct:					
Adjustment for an acquisition of control	655				
Amount applied in the current year against taxable income (enter this amount on line 315 of the T2 return)	660				
Subtotal (line 655 **plus** line 660)			T		
Additional deduction for gifts of medicine closing balance (amount S **minus** amount T)	680				

Amounts carried forward – Additional deduction for gifts of medicine

Year of origin:		Federal	Québec	Alberta
1st prior year	2014-12-31			
2nd prior year	2013-12-31			
3rd prior year	2012-12-31			
4th prior year	2011-12-31			
5th prior year	2011-05-31			
6th prior year*	2010-12-31			
Total				

***** These donations expired in the current year.

Québec – Gifts of musical instruments

Gifts of musical instruments at the end of the previous tax year		A
Deduct: Gifts of musical instruments expired after twenty tax years		B
Gifts of musical instruments at the beginning of the tax year		C
Add:		
Gifts of musical instruments transferred on an amalgamation or the wind-up of a subsidiary		D
Total current-year gifts of musical instruments		E
Subtotal (line D **plus** line E)		F
Deduct: Adjustment for an acquisition of control		G
Total gifts of musical instruments available		H
Deduct: Amount applied against taxable income		I
Gifts of musical instruments closing balance		J

Amounts carried forward – Gifts of musical instruments

Year of origin:		Québec
1st prior year	2014-12-31	
2nd prior year	2013-12-31	
3rd prior year	2012-12-31	
4th prior year	2011-12-31	
5th prior year	2011-05-31	
6th prior year*	2010-12-31	
7th prior year	2009-12-31	
8th prior year	2008-12-31	
9th prior year	2007-12-31	
10th prior year	2006-12-31	
11th prior year	2005-12-31	
12th prior year	2004-12-31	
13th prior year	2003-12-31	
14th prior year	2002-12-31	
15th prior year	2002-06-30	
16th prior year	2001-06-30	
17th prior year		
18th prior year		
19th prior year		
20th prior year		
21st prior year*		
Total		

* These gifts expired in the current year.

T2 SCH 2 E (16) Canada

Canada Revenue Agency / Agence du revenu du Canada

DIVIDENDS RECEIVED, TAXABLE DIVIDENDS PAID, AND PART IV TAX CALCULATION

SCHEDULE 3

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- This schedule is for the use of any corporation to report:
  - non-taxable dividends under section 83;
  - deductible dividends under subsection 138(6);
  - taxable dividends deductible from income under section 112, subsection 113(2) and paragraphs 113(1)(a), (b) or (d); or
  - taxable dividends paid in the tax year that qualify for a dividend refund.
- The calculations in this schedule apply only to private or subject corporations.
- Parts, sections, subsections, and paragraphs referred to on this schedule are from the federal *Income Tax Act.*
- A recipient corporation is connected with a payer corporation at any time in a tax year, if at that time the recipient corporation:
  - controls the payer corporation, other than because of a right referred to in paragraph 251(5)(b); or
  - owns more than 10% of the issued share capital (with full voting rights), and shares that have a fair market value of more than 10% of the fair market value of all shares of the payer corporation.
- File one completed copy of this schedule with your *T2 Corporation Income Tax Return*.
- Column A – Enter "X" if dividends received from a foreign source (connected corporation only).
- Column F1 – Enter the amount of dividends received reported in column 240 that are eligible.
- Column F2 – Enter the code that applies to the deductible taxable dividend.
- Column FF – Indicate if the dividends have been received before January 1, 2016, or after December 31, 2015. This information is required to determine the appropriate rate for the Part IV tax calculation.

Part 1 – Dividends received in the tax year

Do not include dividends received from foreign non-affiliates.

		Complete if payer corporation is connected			
Name of payer corporation (from which the corporation received the dividend)	A	B Enter 1 if payer corporation is connected	C Business Number of connected corporation	D Tax year-end of the payer corporation in which the sections 112/113 and subsection 138(6) dividends in column F were paid YYYY/MM/DD (See note)	E Non-taxable dividend under section 83
200		205	210	220	230

Total (enter on line 402 of Schedule 1)

Note: If your corporation's tax year-end is different than that of the connected payer corporation, your corporation could have received dividends from more than one tax year of the payer corporation. If so, use a separate line to provide the information for each tax year of the payer corporation.
For more details, consult the Help.

				Complete if payer corporation is connected		
F Taxable dividends deductible from taxable income under section 112, subsections 113(2) and 138(6), and paragraphs 113(1)(a), (b), or (d)*	F1 Eligible dividends (included in column F)	F2	FF	G Total taxable dividends paid by connected payer corporation (for tax year in column D)	H Dividend refund of the connected payer corporation (for tax year in column D)**	I Part IV tax before deductions F x rate ***
240				250	260	270
						J

Total (enter the amount from column F on line 320 of the T2 return and amount J in Part 2)

* If taxable dividends are received, enter the amount in column 240, but if the corporation is not subject to Part IV tax (such as a public corporation other than a subject corporation as defined in subsection 186(3)), enter “0” in column 270. Life insurers are not subject to Part IV tax on subsection 138(6) dividends.

** If the connected payer corporation’s tax year ends after the corporation’s balance-due day for the tax year (two or three months, as applicable), you have to estimate the payer’s dividend refund when you calculate the corporation’s Part IV tax payable.

*** For dividends received from connected corporations: Part IV tax = $\frac{\text{Column F x Column H}}{\text{Column G}}$

Rate: The Part IV tax rate is 38 1/3% for dividends received after December 31, 2015, and 33 1/3% for dividends received before January 1, 2016.

Part 2 – Calculation of Part IV tax payable

Part IV tax before deductions (amount J in Part 1) . . . .

Deduct:

Part IV.I tax payable on dividends subject to Part IV tax 320

Subtotal

Deduct:

Current-year non-capital loss claimed to reduce Part IV tax 330

Non-capital losses from previous years claimed to reduce Part IV tax 335

Current-year farm loss claimed to reduce Part IV tax 340

Farm losses from previous years claimed to reduce Part IV tax 345

Total losses applied against Part IV tax x 1 / 3 =

Part IV tax payable (enter amount on line 712 of the T2 return) 360

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund

	A	B	C	D	D1
	Name of connected recipient corporation	Business Number	Tax year end of connected recipient corporation in which the dividends in column D were received YYYY/MM/DD (See note)	Taxable dividends paid to connected corporations	Eligible dividends (included in column D)
	400	410	420	430	
1	ERTH Corporation	86356 4324 RC0001	2015-12-31	2,000,000	

Note

If your corporation's tax year-end is different than that of the connected recipient corporation, your corporation could have paid dividends in more than one tax year of the recipient corporation. If so, use a separate line to provide the information for each tax year of the recipient corporation. For more details, consult the Help.

Total 2,000,000

Total taxable dividends paid in the tax year to other than connected corporations 450

Eligible dividends (included in line 450) 450a

Total taxable dividends paid in the tax year that qualify for a dividend refund (total of column D above **plus** line 450) 460 2,000,000

Part 4 – Total dividends paid in the tax year

Complete this part if the total taxable dividends paid in the tax year that qualify for a dividend refund (line 460 above) is different from the total dividends paid in the tax year.

Total taxable dividends paid in the tax year for the purposes of a dividend refund (from above) 2,000,000

Other dividends paid in the tax year (total of 510 to 540) . . . .

Total dividends paid in the tax year 500 2,000,000

Deduct:

Dividends paid out of capital dividend account 510

Capital gains dividends 520

Dividends paid on shares described in subsection 129(1.2) 530

Taxable dividends paid to a controlling corporation that was bankrupt at any time in the year 540

Subtotal ▶

Total taxable dividends paid in the tax year that qualify for a dividend refund 2,000,000

Canada Revenue Agency / Agence du revenu du Canada

Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- Use this schedule if, during the tax year, the corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- Regulations mentioned in this schedule are from the *Income Tax Regulations.*
- For more information, see the *T2 Corporation – Income Tax Guide.*
- Enter the regulation number in field 100 of Part 1.

Part 1 – Allocation of taxable income

100 ______ Enter the Regulation that applies (402 to 413).

A Jurisdiction Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year. *		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 1 Yes ☐	103		143		
Newfoundland and Labrador Offshore	004 1 Yes ☐	104		144		
Prince Edward Island	005 1 Yes ☐	105		145		
Nova Scotia	007 1 Yes ☐	107		147		
Nova Scotia Offshore	008 1 Yes ☐	108		148		
New Brunswick	009 1 Yes ☐	109		149		
Quebec	011 1 Yes ☐	111		151		
Ontario	013 1 Yes ☐	113		153		
Manitoba	015 1 Yes ☐	115		155		
Saskatchewan	017 1 Yes ☐	117		157		
Alberta	019 1 Yes ☐	119		159		
British Columbia	021 1 Yes ☐	121		161		
Yukon	023 1 Yes ☐	123		163		
Northwest Territories	025 1 Yes ☐	125		165		
Nunavut	026 1 Yes ☐	126		166		
Outside Canada	027 1 Yes ☐	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in Regulation 400(2).
** For corporations other than those described under Regulation 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:
1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the *T2 Corporation – Income Tax Guide*.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. Special rules for establishing a corporation's gross revenue and salaries and wages attributable to a jurisdiction are provided in cases where the corporation operates in a partnership and the partnership had permanent establishments in more than one jurisdiction. See Guide T4068, *Guide for the Partnership Information Return* and prescribed Form T5013 Sch 5, *Allocation of Salaries and Wages, and Gross Revenue for Multiple Jurisdictions*.

Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
102,412		102,412	11,777

Ontario basic income tax (from Schedule 500)	270	11,777			
Deduct: Ontario small business deduction (from Schedule 500)	402				
	Subtotal	11,777	►	11,777	A6
Add:					
Ontario additional tax re Crown royalties (from Schedule 504)	274				
Ontario transitional tax debits (from Schedule 506)	276				
Recapture of Ontario research and development tax credit (from Schedule 508)	277				
	Subtotal		►		B6
Subtotal (amount A6 **plus** amount B6)				11,777	C6
Deduct:					
Ontario resource tax credit (from Schedule 504)	404				
Ontario tax credit for manufacturing and processing (from Schedule 502)	406				
Ontario foreign tax credit (from Schedule 21)	408				
Ontario credit union tax reduction (from Schedule 500)	410				
Ontario political contributions tax credit (from Schedule 525)	415				
	Subtotal		►		D6
Subtotal (amount C6 **minus** amount D6) (if negative, enter "0")				11,777	E6
Deduct: Ontario research and development tax credit (from Schedule 508)			416		
Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount E6 **minus** amount on line 416) (if negative, enter "0")				11,777	F6
Deduct:					
Ontario corporate minimum tax credit (from Schedule 510)			418		
Ontario community food program donation tax credit for farmers (from Schedule 2)			420		
Ontario corporate income tax payable (amount F6 **minus** amounts on line 418 and line 420) (if negative, enter "0")				11,777	G6
Add:					
Ontario corporate minimum tax (from Schedule 510)	278				
Ontario special additional tax on life insurance corporations (from Schedule 512)	280				
	Subtotal		►		H6
Total Ontario tax payable before refundable credits (amount G6 **plus** amount H6)				11,777	I6
Deduct:					
Ontario qualifying environmental trust tax credit	450				
Ontario co-operative education tax credit (from Schedule 550)	452	6,000			
Ontario apprenticeship training tax credit (from Schedule 552)	454	40,000			
Ontario computer animation and special effects tax credit (from Schedule 554)	456				
Ontario film and television tax credit (from Schedule 556)	458				
Ontario production services tax credit (from Schedule 558)	460				
Ontario interactive digital media tax credit (from Schedule 560)	462				
Ontario sound recording tax credit (from Schedule 562)	464				
Ontario book publishing tax credit (from Schedule 564)	466				
Ontario innovation tax credit (from Schedule 566)	468				
Ontario business-research institute tax credit (from Schedule 568)	470				
	Subtotal	46,000	►	46,000	J6
Net Ontario tax payable or refundable credit (amount I6 **minus** amount J6) (if a credit, enter a negative amount) Include this amount on line 255.			290	-34,223	K6

Summary

Enter the total net tax payable or refundable credits for all provinces and territories on line 255.

Net provincial and territorial tax payable or refundable credits . . . . 255 -34,223

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

For more information, see the section called "Capital Cost Allowance" in the *T2 Corporation Income Tax Guide*.

Is the corporation electing under *Regulation* 1101(5q)? **101** 1 Yes [ ] 2 No [X]

	1 Class number (See Note) 200	Description	2 Undepreciated capital cost at the beginning of the year (amount from column 12 of last year's schedule 8) 201	3 Cost of acquisitions during the year (new property must be available for use)* 203	4 Adjustments and transfers** 205	5 Proceeds of dispositions during the year (amount not to exceed the capital cost) 207	6 50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds column 5)*** 211	7 Reduced undepreciated capital cost	8 CCA rate % **** 212	9 Recapture of capital cost allowance***** (line 107 of Schedule 1) 213	10 Terminal loss (line 404 of Schedule 1) 215	11 Capital cost allowance (for declining balance method, column 7 **multiplied** by column 8, or a lower amount) (line 403 of Schedule 1) ****** 217	12 Undepreciated capital cost at the end of the year (column 6 **plus** column 7 **minus** column 11) 220
1.	1	Buildings	3,895,658			0		3,895,658	4	0	0	155,826	3,739,832
2.	1	Distrib/Sub Station	135,952	28,387		0	14,194	150,145	4	0	0	6,006	158,333
3.	1	Poles Towers Fixture	1,261,820			0		1,261,820	4	0	0	50,473	1,211,347
4.	1	Wires Meters Transf	8,907,076			0		8,907,076	4	0	0	356,283	8,550,793
5.	8	Office Furn/Equip	284,124	5,892		0	2,946	287,070	20	0	0	57,414	232,602
6.	8	Smart Meters	1,111,362	353,471		0	176,736	1,288,097	20	0	0	257,619	1,207,214
7.	8	Tools and equipment	96,628	93,103		0	46,552	143,179	20	0	0	28,636	161,095
8.	10	Computer Equipment	134			0		134	30	0	0	40	94
9.	10	Transportation Equipment	364,114	371,567		12,000	179,784	543,897	30	0	0	163,169	560,512
10.	12	Software	70,707	168,361		0	84,181	154,887	100	0	0	154,887	84,181
11.	13	Leasehold Improvments	142,309	127,047		0	12,705	256,651	NA	0	0	69,015	200,341
12.	45	Computer equipment purchased	562			0		562	45	0	0	253	309
13.	47	Utility Transmission Equipment	11,235,899	2,597,944		28,556	1,284,694	12,520,593	8	0	0	1,001,647	12,803,640
14.	50	Computers - after March 18 2007	83,655	11,372		0	5,686	89,341	55	0	0	49,138	45,889
15.	94	WIP	701,998	1,198,503		701,998	248,253	950,250	0	0	0		1,198,503
		Totals	28,291,998	4,955,647		742,554	2,055,731	30,449,360				2,350,406	30,154,685

Note: Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed.
Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

* Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions that are not subject to the 50% rule, see *Regulation* 1100(2) and (2.2).

** Enter in column 4, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost.
Items that **increase** the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that **reduce** the undepreciated capital cost include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the *T2 Corporation Income Tax Guide* for other examples of adjustments and transfers to include in column 4.

*** The net cost of acquisitions is the cost of acquisitions (column 3) **plus** or **minus** certain adjustments and transfers from column 4. For information on the exceptions to the 50% rule, as well as how to calculate the amounts to enter in column 6 in those cases, see Interpretation Bulletin IT-285, *Capital Cost Allowance - General Comments*.

**** Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 11.

***** For every entry in column 9, the "Recapture of capital cost allowance" there must be a corresponding entry in column 5, "Proceeds of dispositions during the year". The recapture and terminal loss rules do not apply to passenger vehicles in Class 10.1.

****** If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the *T2 Corporation Income Tax Guide* for more information.

T2 SCH 8 (14)

Canada

Canada Revenue Agency | Agence du revenu du Canada

SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the *T2 Corporation Income Tax Guide*.

	Name	Country of residence (other than Canada)	Business number (see note 1)	Relationship code (see note 2)	Number of common shares you own	% of common shares you own	Number of preferred shares you own	% of preferred shares you own	Book value of capital stock
	100	200	300	400	500	550	600	650	700
1.	ERTH Corporation	CA	86356 4324 RC0001	1					
2.	ERTH (Holdings) Inc.		86371 9696 RC0003	3					
3.	ERTH Business Technologies Inc.		87013 2917 RC0001	3					
4.	ERTH Limited		83794 3117 RC0001	3					
5.	J-Mar Line Maintenance Inc.		10266 4554 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.
Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

T2 SCH 9 (11)

Canada

Canada Revenue Agency — Agence du revenu du Canada

SCHEDULE 10

CUMULATIVE ELIGIBLE CAPITAL DEDUCTION

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- For use by a corporation that has eligible capital property. For more information, see the *T2 Corporation Income Tax Guide*.
- A separate cumulative eligible capital account must be kept for each business.

Part 1 – Calculation of current year deduction and carry-forward

Cumulative eligible capital - Balance at the end of the preceding taxation year (if negative, enter "0") .... **200** 251,520 A

Add: Cost of eligible capital property acquired during the taxation year **222**

Other adjustments **226**

Subtotal (line 222 plus line 226) x 3 / 4 = B

Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an eligible capital property to the corporation after December 20, 2002 .... **228** x 1 / 2 = C

amount B minus amount C (if negative, enter "0") ▶ D

Amount transferred on amalgamation or wind-up of subsidiary .... **224** E

Subtotal (add amounts A, D, and E) **230** 251,520 F

Deduct: Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all eligible capital property during the taxation year .... **242** G

The gross amount of a reduction in respect of a forgiven debt obligation as provided for in subsection 80(7) .... **244** H

Other adjustments .... **246** I

(add amounts G,H, and I) x 3 / 4 = **248** J

Cumulative eligible capital balance (amount F minus amount J) .... 251,520 K

(if amount K is negative, enter "0" at line M and proceed to Part 2)

Cumulative eligible capital for a property no longer owned after ceasing to carry on that business **249**

amount K 251,520

less amount from line 249

Current year deduction .... 251,520 x 7.00 % = **250** 17,606 *

(line 249 plus line 250) (enter this amount at line 405 of Schedule 1) 17,606 ▶ 17,606 L

Cumulative eligible capital – Closing balance (amount K minus amount L) (if negative, enter "0") .... **300** 233,914 M

* You can claim any amount up to the maximum deduction of 7%. The deduction may not exceed the maximum amount prorated by the number of days in the taxation year divided by 365.

Part 2 – Amount to be included in income arising from disposition

(complete this part only if the amount at line K is negative)

Amount from line K (show as positive amount)							N
Total of cumulative eligible capital (CEC) deductions from income for taxation years beginning after June 30, 1988			400		1		
Total of all amounts which reduced CEC in the current or prior years under subsection 80(7)			401		2		
Total of CEC deductions claimed for taxation years beginning before July 1, 1988	402		3				
Negative balances in the CEC account that were included in income for taxation years beginning before July 1, 1988	408		4				
Line 3 minus line 4 (if negative, enter "0")			▶		5		
Total of lines 1, 2 and 5					6		
Amounts included in income under paragraph 14(1)(b), as that paragraph applied to taxation years ending after June 30, 1988 and before February 28, 2000, to the extent that it is for an amount described at line 400			7				
Amounts at line T from Schedule 10 of previous taxation years ending after February 27, 2000			8				
Subtotal (line 7 plus line 8)	409		▶		9		
Line 6 minus line 9 (if negative, enter "0")					▶		O
Line N minus line O (if negative, enter "0")							P
			Line 5		x 1 / 2 =		Q
Line P minus line Q (if negative, enter "0")							R
			Amount R		x 2 / 3 =		S
Amount N or amount O, whichever is less							T
Amount to be included in income (amount S plus amount T) (enter this amount on line 108 of Schedule 1)					410		

Canada Revenue Agency / Agence du revenu du Canada

Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year, is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group. Include non-CCPCs and CCPCs that have filed an election under subsection 256(2) of the *Income Tax Act* not to be associated for purposes of the small business deduction.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless code 5 applies)
2 – CCPC that is a "third corporation" that has elected under subsection 256(2) not to be associated for purposes of the small business deduction
3 – Non-CCPC that is a "third corporation" as defined in subsection 256(2)
4 – Associated non-CCPC
5 – Associated CCPC to which code 1 does not apply because of a subsection 256(2) election made by a "third corporation"

Column 4: Enter the business limit for the year of each corporation in the associated group.

Column 5: Assign a percentage to allocate the business limit to each corporation that has an association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . . . **025** Year Month Day

Enter the calendar year to which the agreement applies . . . . . . **050** Year 2015

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . . . **075** 1 Yes ☐ 2 No ☒

	1 Names of associated corporations **100**	2 Business number of associated corporations **200**	3 Association code **300**	4 Business limit for the year before the allocation $	5 Percentage of the business limit % **350**	6 Business limit allocated* $ **400**	
1	Erie Thames Powerlines Corporation	86371 9498 RC0002	1	500,000	100.0000	500,000	
2	ERTH Corporation	86356 4324 RC0001	1	500,000			
3	ERTH (Holdings) Inc.	86371 9696 RC0003	1	500,000			
4	ERTH Business Technologies Inc.	87013 2917 RC0001	1	500,000			
5	ERTH Limited	83794 3117 RC0001	1	500,000			
6	J-Mar Line Maintenance Inc.	10266 4554 RC0001	1	500,000			
				Total	100.0000	500,000	A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

Canada Revenue Agency Agence du revenu du Canada

Schedule 31

Investment Tax Credit – Corporations

General information

- Use this schedule:
  - to calculate an investment tax credit (ITC) earned during the tax year;
  - to claim a deduction against Part I tax payable;
  - to claim a refund of credit earned during the current tax year;
  - to claim a carryforward of credit from previous tax years;
  - to transfer a credit following an amalgamation or wind-up of a subsidiary, as described under subsections 87(1) and 88(1) of the *Income Tax Act*;
  - to request a credit carryback to one or more previous years; or
  - if you are subject to a recapture of ITC.
- The ITC is eligible for a three-year carryback (if not deductible in the year earned). It is also eligible for a twenty-year carryforward.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Investments or expenditures, described in subsection 127(9) of the Act and Part XLVI of the Regulations, that earn an ITC are:
  - qualified property and qualified resource property (Parts 4 to 7 of this schedule);
  - expenditures that are part of the SR&ED qualified expenditure pool (Parts 8 to 17). File Form T661, *Scientific Research and Experimental Development (SR&ED) Expenditures Claim;*
  - pre-production mining expenditures (Parts 18 to 20);
  - apprenticeship job creation expenditures (Parts 21 to 23); and
  - child care spaces expenditures (Parts 24 to 28).
- Include a completed copy of this schedule with the *T2 Corporation Income Tax Return*. If you need more space, attach additional schedules.
- For more information on ITCs, see "Investment Tax Credit" in Guide T4012, *T2 Corporation – Income Tax Guide*, Information Circular IC78-4, *Investment Tax Credit Rates*, and its related Special Release.
- For more information on SR&ED, see T4088, *Guide to Form T661 – Scientific Research and Experimental Development (SR&ED) Expenditures Claim*. Also see the *Eligibility of Work for SR&ED Investment Tax Credits Policy* at **www.cra.gc.ca/txcrdt/sred-rsde/clmng/lgbltywrkfrsrdnvstmnttxcrdts-eng.html**.

Detailed information

- For the purpose of this schedule, **investment** means the capital cost of the property (excluding amounts added by an election under section 21), determined without reference to subsections 13(7.1) and 13(7.4), minus the amount of any government or non-government assistance that the corporation has received, is entitled to receive, or can reasonably be expected to receive for that property when it files the income tax return for the year in which the property was acquired.
- An ITC deducted or refunded in a tax year for a depreciable property, other than a depreciable property deductible under paragraph 37(1)(b), reduces the capital cost of that property in the next tax year. It also reduces the undepreciated capital cost of that class in the next tax year. An ITC for SR&ED deducted or refunded in a tax year will reduce the balance in the pool of deductible SR&ED expenditures and the adjusted cost base (ACB) of an interest in a partnership in the next tax year. An ITC from pre-production mining expenditures deducted in a tax year reduces the balance in the pool of deductible cumulative Canadian exploration expenses in the next tax year.
- Property acquired has to be **available for use** before a claim for an ITC can be made. See subsections 127(11.2) and 248(19) for more information.
- Expenditures for SR&ED and capital costs for a property qualifying for an ITC must be identified by the claimant on Form T661 and Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Expenditures for pre-production mining, apprenticeship, or child care space for an ITC must be identified by the claimant on Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Partnership allocations – Subsection 127(8) provides for the allocation of the amount that may reasonably be considered to be a partner's share of the ITCs of the partnership at the end of the fiscal period of the partnership. An allocation of ITCs is generally considered to be the partner's reasonable share of the ITCs if it is made in the same proportion in which the partners have agreed to share any income or loss and if section 103 is not applicable for the agreement to share any income or loss. Special rules apply to specified and limited partners. For more information, see Guide T4068, *Guide for the Partnership Information Return*.
- For SR&ED expenditures, the expression **in Canada** includes the "exclusive economic zone" (as defined in the *Oceans Act* to generally consist of an area that is within 200 nautical miles from the Canadian coastline), including the airspace, seabed and subsoil for that zone.
- For the purpose of this schedule, the expression **Atlantic Canada** includes the Gaspé Peninsula and the provinces of Newfoundland and Labrador, Prince Edward Island, Nova Scotia, and New Brunswick, as well as their respective offshore regions (prescribed in Regulation 4609).
- For the purpose of this schedule, **qualified property** means property in Atlantic Canada that is used primarily for manufacturing and processing, farming or fishing, logging, storing grain, or harvesting peat. Property in Atlantic Canada that is used primarily for oil and gas, and mining activities is considered qualified property only if acquired by the taxpayer **before** March 29, 2012. Qualified property includes new buildings and new machinery and equipment (prescribed in Regulation 4600), and if acquired by the taxpayer **after** March 28, 2012, new energy generation and conservation property (prescribed in Regulation 4600). Qualified property can also be used primarily to produce or process electrical energy or steam in a prescribed area (as described in Regulation 4610). See the definition of **qualified property** in subsection 127(9) for more information.

Detailed information (continued)

- For the purpose of this schedule, **qualified resource property** means property in Atlantic Canada that is used primarily for oil and gas, and mining activities, if acquired by the taxpayer **after** March 28, 2012, and **before** January 1, 2016. Qualified resource property includes new buildings and new machinery and equipment (prescribed in Regulation 4600). See the definition of **qualified resource property** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining exploration expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to determine the existence, location, extent, or quality of certain mineral resources in Canada, excluding expenses incurred in the exploration of an oil or gas well. See subparagraph (a)(i) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining development expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to bring a new mineral resource mine in Canada into production, excluding expenses in the development of a bituminous sands deposit or an oil shale deposit. See subparagraph (a)(ii) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.

Part 1 – Investments, expenditures, and percentages

Investments	**Specified percentage**
Qualified property acquired primarily for use in Atlantic Canada	10 %
Qualified resource property acquired primarily for use in Atlantic Canada and acquired:	
– after March 28, 2012, and before 2014	10 %
– after 2013 and before 2016	5 %
– after 2015*	0 %
Expenditures	
If you are a Canadian-controlled private corporation (CCPC), this percentage may apply to the portion that you claim of the SR&ED qualified expenditure pool that does not exceed your expenditure limit (see Part 10)	35 %
Note: If your current year's qualified expenditures are more than the corporation's expenditure limit (see Part 10), the excess is eligible for an ITC calculated at the 20 % rate**.	
If you are a corporation that is not a CCPC and have incurred qualified expenditures for SR&ED in any area in Canada:	
– before 2014**	20 %
– after 2013**	15 %
If you are a taxable Canadian corporation that incurred pre-production mining expenditures before March 29, 2012	10 %
If you are a taxable Canadian corporation that incurred pre-production mining exploration expenditures***:	
– after March 28, 2012, and before 2013	10 %
– in 2013	5 %
– after 2013***	0 %
If you are a taxable Canadian corporation that incurred pre-production mining development expenditures****:	
– after March 28, 2012, and before 2014****	10 %
– in 2014	7 %
– in 2015	4 %
– after 2015****	0 %
If you paid salary and wages to apprentices in the first 24 months of their apprenticeship contract for employment	10 %
If you incurred eligible expenditures after March 18, 2007, for the creation of licensed child care spaces for the children of your employees and, potentially, for other children	25 %

* A transitional relief rate of 10% may apply to property acquired after 2013 and before 2017, if the property is acquired under a written agreement entered into before March 29, 2012, or the property is acquired as part of a **phase** of a project where the construction or the engineering and design work for the construction started before March 29, 2012. See paragraph (a.1) of the definition of **specified percentage** in subsection 127(9) for more information.

** The reduction of the rate from 20% to 15% applies to 2014 and later tax years, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013.

*** Pre-production mining exploration expenditures are described in subparagraph (a)(i) of the definition of **pre-production mining expenditure** in subsection 127(9).

**** A transitional relief rate of 10% may apply to expenditures incurred after 2013 and before 2016, if the expenditure is incurred under a written agreement entered into before March 29, 2012, or the expenditure is incurred as part of the development of a new mine where the construction or the engineering and design work for the construction of the new mine started before March 29, 2012. See subparagraph (k)(ii) of the definition of **specified percentage** in subsection 127(9) for more information. Pre-production mining development expenditures are described in subparagraph (a)(ii) of the definition of **pre-production mining expenditure** in subsection 127(9).

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

Part 2 – Determination of a qualifying corporation

Is the corporation a qualifying corporation? . . . . **101** 1 Yes [ ] 2 No [X]

For the purpose of a refundable ITC, a **qualifying corporation** is defined under subsection 127.1(2). The corporation has to be a CCPC and its taxable income (before any loss carrybacks) for its previous tax year cannot be more than its **qualifying income limit** for the particular tax year. If the corporation is associated with any other corporations during the tax year, the total of the taxable incomes of the corporation and the associated corporations (before any loss carrybacks), for their last tax year ending in the previous calendar year, cannot be more than their qualifying income limit for the particular tax year.

Note: A CCPC calculating a refundable ITC is considered to be associated with another corporation if it meets any of the conditions in subsection 256(1), except where:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of both corporations; and
- one of the corporations has at least one shareholder who is not common to both corporations.

If you are a **qualifying** corporation, you will earn a **100%** refund on your share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

Some CCPCs that are **not qualifying** corporations may also earn a **100%** refund on their share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The expenditure limit can be determined in Part 10. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

The 100% refund will not be available to a corporation that is an **excluded corporation** as defined under subsection 127.1(2). A corporation is an excluded corporation if, at any time during the year, it is a corporation that is either controlled by (directly or indirectly, in any manner whatever) or is related to:

a) one or more persons exempt from Part I tax under section 149;

b) Her Majesty in right of a province, a Canadian municipality, or any other public authority; or

c) any combination of persons referred to in a) or b) above.

* Capital expenditures incurred after December 31, 2013, including lease payments for property that would have been a capital expenditure if purchased directly, are **not** qualified SR&ED expenditures and are **not** eligible for an ITC on SR&ED expenditures.

Part 3 – Corporations in the farming industry

Complete this area if the corporation is making SR&ED contributions.

Is the corporation claiming a contribution in the current year to an agricultural organization whose goal is to finance SR&ED work (for example, check-off dues)? . . . . **102** 1 Yes [ ] 2 No [X]

Contributions to agricultural organizations for SR&ED* . . . . **103** ______

If **yes**, complete Schedule 125, *Income Statement Information*, to identify the type of farming industry the corporation is involved in. For more information on Schedule 125, see Guide RC4088, *General Index of Financial Information (GIFI)*. Enter contributions on line 350 of Part 8.

* Enter only contributions not already included on Form T661. Include 80% of the contributions made **after** 2012; for contributions made **before** 2013, include all of the contributions.

Qualified Property and Qualified Resource Property

Part 4 – Eligible investments for qualified property and qualified resource property from the current tax year

Capital cost allowance class number **105**	Description of investment **110**	Date available for use **115**	Location used (province or territory) **120**	Amount of investment **125**
			Total of investments for qualified property and qualified resource property	A1

Part 5 – Current-year credit and account balances – ITC from investments in qualified property and qualified resource property

ITC at the end of the previous tax year			B1
Deduct:			
Credit deemed as a remittance of co-op corporations	210		
Credit expired	215		
Subtotal (line 210 **plus** line 215)		▶	C1
ITC at the beginning of the tax year (amount B1 **minus** amount C1)		220	
Add:			
Credit transferred on amalgamation or wind-up of subsidiary	230		
ITC from repayment of assistance	235		
Qualified property; and qualified resource property acquired after March 28, 2012, and before January 1, 2014* (applicable part from amount A1 in Part 4) ____ x 10 % =	240		
Qualified resource property acquired after December 31, 2013, and before January 1, 2016 (applicable part from amount A1 in Part 4) ____ x 5 % =	242		
Credit allocated from a partnership	250		
Subtotal (total of lines 230 to 250)		▶	D1
Total credit available (line 220 **plus** amount D1)			E1
Deduct:			
Credit deducted from Part I tax (enter at amount D8 in Part 30)	260		
Credit carried back to the previous year(s) (from amount H1 in Part 6)		a	
Credit transferred to offset Part VII tax liability	280		
Subtotal (total of line 260, amount a, and line 280)		▶	F1
Credit balance before refund (amount E1 **minus** amount F1)			G1
Deduct:			
Refund of credit claimed on investments from qualified property and qualified resource property (from Part 7)		310	
ITC closing balance of investments from qualified property and qualified resource property (amount G1 **minus** line 310)		320	

* Include investments acquired after 2013 and before 2017 that are eligible for transitional relief.

Part 6 – Request for carryback of credit from investments in qualified property and qualified resource property

	Year	Month	Day			
1st previous tax year				Credit to be applied	901	
2nd previous tax year				Credit to be applied	902	
3rd previous tax year				Credit to be applied	903	
				Total of lines 901 to 903 (enter amount H1 on line a in Part 5)		H1

Part 7 – Refund of ITC for qualifying corporations on investments from qualified property and qualified resource property

Current-year ITCs (total of lines 240, 242, and 250 in Part 5)		I1
Credit balance before refund (from amount G1 in Part 5)		J1
Refund (40 % of amount I1 or J1, whichever is less)		K1

Enter amount K1 or a lesser amount on line 310 in Part 5 (also enter it on line 780 of the T2 return if the corporation does not claim an SR&ED ITC refund).

SR&ED

Part 8 – Qualified SR&ED expenditures

Current expenditures (from line 557 on Form T661)				
Contributions to agricultural organizations for SR&ED				
Deduct:				
Government assistance, non-government assistance, or contract payment				
Contributions to agricultural organizations for SR&ED for the federal ITC (this amount is updated to line 103 of Part 3. For more details, consult the Help.)*		+		
Current expenditures (line 557 on Form T661 **plus** line 103 in Part 3)*			350	
Capital expenditures incurred **before** 2014 (from line 558 on Form T661)**			360	
Repayments made in the year (from line 560 on Form T661)			370	
Qualified SR&ED expenditures (total of lines 350 to 370)			380	

* If you are claiming only contributions made to agricultural organizations for SR&ED, line 350 should equal line 103 in Part 3. Do not file Form T661.

** Capital expenditures incurred after December 31, 2013, are not qualified SR&ED expenditures. Capital cost allowance can be claimed for depreciable property acquired for use in SR&ED after 2013.

Part 9 – Components of the SR&ED expenditure limit calculation

Part 9 only applies if the corporation is a CCPC.

Note: A CCPC that calculates an SR&ED expenditure limit is considered to be associated with another corporation if it meets any of the conditions in subsection 256(1), except where:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of the corporation; and
- one of the corporations has at least one shareholder who is not common to both corporations.

Is the corporation associated with another CCPC for the purpose of calculating the SR&ED expenditure limit? 385 1 Yes [ ] 2 No [X]

Complete lines 390 and 398 if you answered **no** to the question on line 385 above or if the corporation is not associated with any other corporations (the amounts for associated corporations will be determined on Schedule 49).

Enter your taxable income for the previous tax year* (prior to any loss carry-backs applied)		390	813,200
Enter your taxable capital employed in Canada for the previous tax year minus $10 million. If this amount is nil or negative, enter "0". If this amount is over $40 million, enter $40 million	27,753,738	398	17,753,738

* If either of the tax years referred to on line 390 is less than 51 weeks, **multiply** the taxable income by the following result: 365 **divided** by the number of days in these tax years.

Part 10 – SR&ED expenditure limit for a CCPC

For a stand-alone corporation:		$ 8,000,000	
Deduct:			
Taxable income for the previous tax year (from line 390 in Part 9) or $500,000, whichever is more	813,200 x 10 =	8,132,000	A2
Excess ($8,000,000 **minus** amount A2; if negative, enter "0")			B2
$ 40,000,000 **minus** line 398 in Part 9	22,246,262 a		
Amount a **divided** by $ 40,000,000		0.55616	C2
Expenditure limit for the stand-alone corporation (amount B2 **multiplied** by amount C2)*			D2
For an associated corporation:			
If associated, the allocation of the SR&ED expenditure limit as provided on Schedule 49*	400		E2

Where the tax year of the corporation is less than 51 weeks, calculate the amount of the expenditure limit as follows:

Amount D2 or E2 ______ x Number of days in the tax year / 365 = 365 = ______ F2

Your SR&ED expenditure limit for the year (enter the amount from amount D2, E2, or F2, whichever applies) 410 ______

* Amount D2 or E2 cannot be more than $3,000,000.

Part 11 – Investment tax credits on SR&ED expenditures

Current expenditures (from line 350 in Part 8) or the expenditure limit (from line 410 in Part 10), whichever is less*	420		x	35 %	=	G2
Line 350 **minus** line 410 (if negative, enter "0")	430		x	15 **%	=	H2
Line 410 **minus** line 350 (if negative, enter "0")			b			
Capital expenditures (from line 360 in Part 8) or amount b above, whichever is less*	440		x	35 %	=	I2
Line 360 **minus** amount b above (if negative, enter "0")	450		x	15 **%	=	J2

Repayments (amount from line 370 in Part 8)

If a corporation makes a repayment of any government or non-government assistance, or contract payments that reduced the amount of qualified expenditures for ITC purposes, the amount of the repayment is eligible for a credit.***	460		x	35 %	=	c
	480		x	15 %	=	d

Subtotal (amount c **plus** amount d) ► K2

Current-year SR&ED ITC (total of amounts G2 to K2; enter on line 540 in Part 12) L2

* For corporations that are not CCPCs, enter "0" for amounts G2 and I2.

** For tax years that end after 2013, the general SR&ED ITC rate is reduced from 20% to 15%, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013. If your rate is different than 15%, enter the amounts at lines 430 or 450 and use the appropriate rate instead of 15%.

*** The ITC on the repayment (the credit) is calculated using the ITC rate that you used to determine your ITC at the time your qualified expenditures for ITC purposes were reduced because of the government or non-government assistance, or contract payments. Enter the amount of the repayment on the line that corresponds to the appropriate rate. If the rate is different than 20% or 35%, enter the amount at line 480 and use the appropriate rate instead of 20%.

Part 12 – Current-year credit and account balances – ITC from SR&ED expenditures

ITC at the end of the previous tax year M2

Deduct:

Credit deemed as a remittance of co-op corporations	510		
Credit expired	515		
Subtotal (line 510 **plus** line 515)		►	N2
ITC at the beginning of the tax year (amount M2 **minus** amount N2)		520	

Add:

Credit transferred on amalgamation or wind-up of subsidiary	530		
Total current-year credit (from amount L2 in Part 11)	540		
Credit allocated from a partnership	550		
Subtotal (total of lines 530 to 550)		►	O2
Total credit available (line 520 **plus** amount O2)			P2

Deduct:

Credit deducted from Part I tax (enter at amount E8 in Part 30)	560		
Credit carried back to the previous year(s) (from amount S2 in Part 13)		e	
Credit transferred to offset Part VII tax liability	580		
Subtotal (total of line 560, amount e, and line 580)		►	Q2
Credit balance before refund (amount P2 **minus** amount Q2)			R2

Deduct:

Refund of credit claimed on SR&ED expenditures (from Part 14 or 15, whichever applies)	610	
ITC closing balance on SR&ED (amount R2 **minus** line 610)	620	

Part 13 – Request for carryback of credit from SR&ED expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	911	
2nd previous tax year				Credit to be applied	912	
3rd previous tax year				Credit to be applied	913	

Total of lines 911 to 913 (enter amount S2 at line e in Part 12) ____ S2

Part 14 – Refund of ITC for qualifying corporations – SR&ED

Complete this part only if you are a qualifying corporation as determined on line 101 in Part 2.

Is the corporation an excluded corporation as defined under subsection 127.1(2)? . . . . . **650** 1 Yes ☐ 2 No ☒

Current-year ITC (lines 540 **plus** 550 in Part 12 **minus** amount K2 in Part 11) . . . . . ____ f

Refundable credits (amount f or amount R2 in Part 12, whichever is less)* . . . . . ____ T2

Deduct:

Amount T2 or amount G2 in Part 11, whichever is less . . . . . ____ U2

Net amount (amount T2 **minus** amount U2; if negative, enter "0") . . . . . ____ V2

Amount V2 **multiplied** by 40 % . . . . . ____ W2

Add:

Amount U2 . . . . . ____ X2

Refund of ITC (amount W2 **plus** amount X2 – enter this, or a lesser amount, on line 610 in Part 12) . . . . . ____ Y2

Enter the total of line 310 in Part 5 and line 610 in Part 12 on line 780 of the T2 return.

* If you are also an excluded corporation, as defined in subsection 127.1(2), this amount must be multiplied by 40%. Claim this, or a lesser amount, as your refund of ITC for amount Y2.

Part 15 – Refund of ITC for CCPCs that are not qualifying or excluded corporations – SR&ED

Complete this box only if you are a CCPC that is not a qualifying or excluded corporation as determined on line 101 in Part 2.

Credit balance before refund (from amount R2 in Part 12) . . . . . ____ Z2

Deduct:

Amount Z2 or amount G2 in Part 11, whichever is less . . . . . ____ AA2

Net amount (amount Z2 **minus** amount AA2; if negative, enter "0") . . . . . ____ BB2

Amount BB2 or amount I2 in Part 11, whichever is less . . . . . ____ CC2

Amount CC2 **multiplied** by 40 % . . . . . ____ DD2

Add :

Amount AA2 . . . . . ____ EE2

Refund of ITC (amount DD2 **plus** amount EE2) . . . . . ____ FF2

Enter FF2, or a lesser amount, on line 610 in Part 12 and also on line 780 of the T2 return.

Recapture – SR&ED

Part 16 – Recapture of ITC for corporations and corporate partnerships – SR&ED

You will have a recapture of ITC in a year when **all** of the following conditions are met:

- you acquired a particular property in the current year or in any of the 20 previous tax years, if the credit was earned in a tax year ending after 1997 and did not expire before 2008;
- you claimed the cost of the property as a qualified expenditure for SR&ED on Form T661;
- the cost of the property was included in calculating your ITC or was the subject of an agreement made under subsection 127(13) to transfer qualified expenditures; and
- you disposed of the property or converted it to commercial use after February 23, 1998. This condition is also met if you disposed of or converted to commercial use a property that incorporates the particular property previously referred to.

Note:

The recapture **does not apply** if you disposed of the property to a non-arm's-length purchaser who intended to use it all or substantially all for SR&ED. When the non-arm's-length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical ITC rate of the original user.

You will report a recapture on the T2 return for the year in which you disposed of the property or converted it to commercial use. In the following tax year, add the amount of the ITC recapture to the SR&ED expenditure pool.

If you have more than one disposition for calculations 1 and 2, complete the columns for each disposition for which a recapture applies, using the calculation formats below.

Calculation 1 – If you meet all of the above conditions

Amount of ITC you originally calculated for the property you acquired, or the original user's ITC where you acquired the property from a non-arm's length party, as described in the **note** above 700	Amount calculated using ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) 710	Amount from column 700 or 710, whichever is less

Subtotal (enter amount A3 on line C3 in Part 17) ______ A3

Calculation 2 – Only if you transferred all or a part of the qualified expenditure to another person under an agreement described in subsection 127(13); otherwise, enter nil on line B3.

A Rate that the transferee used in determining its ITC for qualified expenditures under a subsection 127(13) agreement 720	B Proceeds of disposition of the property if you dispose of it to an arm's length person; or, in any other case, enter the fair market value of the property at conversion or disposition 730	C Amount, if any, already provided for in Calculation 1 (This allows for the situation where only part of the cost of a property is transferred under a subsection 127(13) agreement.) 740	D Amount determined by the formula (A x B) – C	E ITC earned by the transferee for the qualified expenditures that were transferred 750	F Amount from column D or E, whichever is less

Subtotal (total of column F) (enter amount B3 on line D3 in Part 17) ______ B3

Part 16 – Recapture of ITC for corporations and corporate partnerships – SR&ED (continued)

Calculation 3

As a member of the partnership, you will report your share of the SR&ED ITC of the partnership after the SR&ED ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 550 in Part 12. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 760.

Corporate partner's share of the excess of SR&ED ITC (amount to be reported on line E3 in Part 17) **760** ____________

Part 17 – Total recapture of SR&ED investment tax credit

Recaptured ITC from calculation 1, amount A3 in Part 16		C3
Recaptured ITC from calculation 2, amount B3 in Part 16		D3
Recaptured ITC from calculation 3, line 760 in Part 16		E3
Total recapture of SR&ED investment tax credit (total of amounts C3 to E3)		F3

Enter amount F3 on line A8 in Part 29.

Pre-Production Mining

Part 18 – Pre-production mining expenditures

Exploration information

A mineral resource that qualifies for the credit means a mineral deposit from which the principal mineral to be extracted is diamond, a base or precious metal deposit, or a mineral deposit from which the principal mineral to be extracted is an industrial mineral that, when refined, results in a base or precious metal.

In column 800, list all minerals for which pre-production mining expenditures have taken place in the tax year.

For each of the minerals reported in column 800, identify each project (in column 805), mineral title (in column 806), and mining division (in column 807) where title is registered. If there is no mineral title, identify only the project and mining division.

List of minerals 800	Project name 805

Mineral title 806	Mining division 807

Pre-production mining expenditures*

Exploration:

Pre-production mining expenditures that the corporation incurred in the tax year for the purpose of determining the existence, location, extent, or quality of a mineral resource in Canada:

Prospecting	810	
Geological, geophysical, or geochemical surveys	811	
Drilling by rotary, diamond, percussion, or other methods	812	
Trenching, digging test pits, and preliminary sampling	813	

Development:

Pre-production mining expenditures incurred in the tax year for bringing a new mine in a mineral resource in Canada into production in reasonable commercial quantities and incurred before the new mine comes into production in such quantities:

Clearing, removing overburden, and stripping	820	
Sinking a mine shaft, constructing an adit, or other underground entry	821	

Other pre-production mining expenditures incurred in the tax year:

Description 825	Amount 826
Total of column 826	

Total of column 826 ► ______ A4

Total pre-production mining expenditures (total of lines 810 to 821 and amount A4)	830		
Deduct: Total of all assistance (grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to on line 830 above	832		
Excess (line 830 **minus** line 832) (if negative, enter "0")			B4
Add: Repayments of government and non-government assistance	835		
Pre-production mining expenditures (amount B4 **plus** line 835)			C4

* A pre-production mining expenditure is defined under subsection 127(9).

Part 19 – Current-year credit and account balances – ITC from pre-production mining expenditures

ITC at the end of the previous tax year				D4
Deduct:				
Credit deemed as a remittance of co-op corporations	841			
Credit expired	845			
Subtotal (line 841 **plus** line 845)			►	E4
ITC at the beginning of the tax year (amount D4 **minus** amount E4)			850	
Add:				
Credit transferred on amalgamation or wind-up of subsidiary			860	
Pre-production mining expenditures* incurred before January 1, 2013 (applicable part from amount C4 in Part 18)	870	x 10 % =	a	
Pre-production mining exploration expenditures incurred in 2013 (applicable part from amount C4 in Part 18)	872	x 5 % =	b	
Pre-production mining development expenditures incurred in 2014 (applicable part from amount C4 in Part 18)	874	x 7 % =	c	
Pre-production mining development expenditures incurred in 2015 (applicable part from amount C4 in Part 18)	876	x 4 % =	d	
Current year credit (total of amounts a to d)	880		►	F4
Total credit available (total of lines 850, 860, and amount F4)				G4
Deduct:				
Credit deducted from Part I tax (enter at amount F8 in Part 30)	885			
Credit carried back to the previous year(s) (from amount I4 in Part 20)			e	
Subtotal (line 885 **plus** amount e)			►	H4
ITC closing balance from pre-production mining expenditures (amount G4 **minus** amount H4)			890	

* Also include pre-production mining development expenditures incurred before 2014 and pre-production mining development expenditures incurred after 2013 and before 2016 that are eligible for transitional relief.

Part 20 – Request for carryback of credit from pre-production mining expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	921	
2nd previous tax year				Credit to be applied	922	
3rd previous tax year				Credit to be applied	923	
				Total of lines 921 to 923 (enter amount I4 on line e in Part 19)		I4

Apprenticeship Job Creation

Part 21 – Total current-year credit – ITC from apprenticeship job creation expenditures

If you are a related person as defined under subsection 251(2), has it been agreed in writing that you are the only employer who will be claiming the apprenticeship job creation tax credit for this tax year for each apprentice whose contract number (or social insurance number or name) appears below? (If not, you cannot claim the tax credit.) 611 1 Yes ☐ 2 No ☐

For each apprentice in their first 24 months of the apprenticeship, enter the apprenticeship contract number registered with Canada, or a province or territory, under an apprenticeship program designed to certify or license individuals in the trade. For the province, the trade must be a Red Seal trade. If there is no contract number, enter the social insurance number (SIN) or the name of the eligible apprentice.

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
1.	CC2643	Powerline Technician	78,603	7,860	2,000

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
2.	CE0693	Powerline Technician	62,371	6,237	2,000
3.	CC2641	Powerline Technician	78,775	7,878	2,000
4.	CC2642	Powerline Technician	78,349	7,835	2,000
				Total current-year credit (total of column E) (enter amount A5 on line 640 in Part 22)	8,000 A5

* Other than qualified expenditure incurred, and net of any other government or non-government assistance received or to be received.

Part 22 – Current-year credit and account balances – ITC from apprenticeship job creation expenditures

ITC at the end of the previous tax year B5

Deduct:

Credit deemed as a remittance of co-op corporations 612

Credit expired after 20 tax years 615

Subtotal (line 612 **plus** line 615) ▶ C5

ITC at the beginning of the tax year (amount B5 **minus** amount C5) 625

Add:

Credit transferred on amalgamation or wind-up of subsidiary 630

ITC from repayment of assistance 635

Total current-year credit (from amount A5 in Part 21) 640 8,000

Credit allocated from a partnership 655

Subtotal (total of lines 630 to 655) 8,000 ▶ 8,000 D5

Total credit available (line 625 **plus** amount D5) 8,000 E5

Deduct:

Credit deducted from Part I tax (enter on line G8 in Part 30) 660 8,000

Credit carried back to the previous year(s) (from amount G5 in Part 23) . . . . . . a

Subtotal (line 660 **plus** amount a) 8,000 ▶ 8,000 F5

ITC closing balance from apprenticeship job creation expenditures (amount E5 **minus** amount F5) 690

Part 23 – Request for carryback of credit from apprenticeship job creation expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	931	
2nd previous tax year				Credit to be applied	932	
3rd previous tax year				Credit to be applied	933	

Total of lines 931 to 933 (enter amount G5 on line a in Part 22) G5

Child Care Spaces

Part 24 – Eligible child care spaces expenditures

Enter the eligible expenditures that the corporation incurred to create licensed child care spaces for the children of the employees and, potentially, for other children. The corporation cannot be carrying on a child care services business. The eligible expenditures include:

- the cost of depreciable property (other than specified property); and
- the specified child care start-up expenditures;

acquired or incurred only to create new child care spaces at a licensed child care facility.

Cost of depreciable property from the current tax year

	Capital cost allowance class number 665	Description of investment 675	Date available for use 685	Amount of investment 695
1.				

Total cost of depreciable property from the current tax year (total of column 695) **715** ______

Add:

Specified child care start-up expenditures from the current tax year . . . . **705** ______

Total gross eligible expenditures for child care spaces (line 715 **plus** line 705) . . . . ______ A6

Deduct:

Total of all assistance (including grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to in amount A6 . . . . **725** ______

Excess (amount A6 **minus** line 725) (if negative, enter "0") . . . . ______ B6

Add:

Repayments by the corporation of government and non-government assistance . . . . **735** ______

Total eligible expenditures for child care spaces (amount B6 **plus** line 735) . . . . **745** ______

Part 25 – Current-year credit – ITC from child care spaces expenditures

The credit is equal to 25% of eligible child care spaces expenditures incurred to a maximum of $10,000 per child care space created in a licensed child care facility.

Eligible expenditures (from line 745 in Part 24) . . . . ______ x 25 % = ______ C6

Number of child care spaces . . . . **755** ______ x $ 10,000 = ______ D6

ITC from child care spaces expenditures (amount C6 or D6, whichever is less) . . . . ______ E6

Part 26 – Current-year credit and account balances – ITC from child care spaces expenditures

ITC at the end of the previous tax year F6

Deduct:

Credit deemed as a remittance of co-op corporations 765

Credit expired after 20 tax years 770

Subtotal (line 765 **plus** line 770) ▶ G6

ITC at the beginning of the tax year (amount F6 **minus** amount G6) 775

Add:

Credit transferred on amalgamation or wind-up of subsidiary 777

Total current-year credit (from amount E6 in Part 25) 780

Credit allocated from a partnership 782

Subtotal (total of lines 777 to 782) ▶ H6

Total credit available (line 775 **plus** amount H6) I6

Deduct:

Credit deducted from Part I tax (enter on line H8 in Part 30) 785

Credit carried back to the previous year(s) (from amount K6 in Part 27) .... a

Subtotal (line 785 **plus** amount a) ▶ J6

ITC closing balance from child care spaces expenditures (amount I6 **minus** amount J6) 790

Part 27 – Request for carryback of credit from child care space expenditures

	Year Month Day			
1st previous tax year	2014-12-31	Credit to be applied	941	
2nd previous tax year	2013-12-31	Credit to be applied	942	
3rd previous tax year	2012-12-31	Credit to be applied	943	

Total of lines 941 to 943 (enter amount K6 on line a in Part 26) K6

Recapture – Child Care Spaces

Part 28 – Recapture of ITC for corporations and corporate partnerships – Child care spaces

The ITC will be recovered against the taxpayer's tax otherwise payable under Part I of the Act if, at any time within 60 months of the day on which the taxpayer acquired the property:

- the new child care space is no longer available; or
- property that was an eligible expenditure for the child care space is:
  - disposed of or leased to a lessee; or
  - converted to another use.

If the property disposed of is a child care space, the amount that can reasonably be considered to have been included in the original ITC (paragraph 127(27.12)(a)) . . . . **792** ______

In the case of eligible expenditures (paragraph 127(27.12)(b)), the lesser of:

The amount that can reasonably be considered to have been included in the original ITC . . . . **795** ______

25% of either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value (in any other case) of the property . . . . **797** ______

Amount from line 795 or line 797, whichever is less . . . . ______ A7

Corporate partnerships

As a member of the partnership, you will report your share of the child care spaces ITC of the partnership after the child care spaces ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 782 in Part 26. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 799 below.

Corporate partner's share of the excess of ITC **799** ______

Total recapture of child care spaces investment tax credit (total of line 792, amount A7, and line 799) . . . . ______ B7

Enter amount B7 on line B8 in Part 29.

Summary of Investment Tax Credits

Part 29 – Total recapture of investment tax credit

Recaptured SR&ED ITC (from amount F3 in Part 17)		A8
Recaptured child care spaces ITC (from amount B7 in Part 28)		B8
Total recapture of investment tax credit (amount A8 **plus** amount B8)		C8

Enter amount C8 on line 602 of the T2 return.

Part 30 – Total ITC deducted from Part I tax

ITC from investments in qualified property deducted from Part I tax (from line 260 in Part 5)		D8
ITC from SR&ED expenditures deducted from Part I tax (from line 560 in Part 12)		E8
ITC from pre-production mining expenditures deducted from Part I tax (from line 885 in Part 19)		F8
ITC from apprenticeship job creation expenditures deducted from Part I tax (from line 660 in Part 22)	8,000	G8
ITC from child care space expenditures deducted from Part I tax (from line 785 in Part 26)		H8
Total ITC deducted from Part I tax (total of amounts D8 to H8)	8,000	I8

Enter amount I8 on line 652 of the T2 return.

Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 97 Apprenticeship job creation ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
8,000	8,000			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2011-05-31				
2010-12-31				
2009-12-31				
2008-12-31				
2007-12-31				
2006-12-31				*
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2002-06-30				
2001-06-30				
				*
Total				

B+C+D+G **Total ITC utilized** 8,000

* The **ITC end of year** includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.

Canada Revenue Agency | Agence du revenu du Canada

Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 *Corporation Income Tax Return* no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 181(1) defines the terms **financial institution**, **long-term debt**, and **reserves**.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, **Taxable capital employed in Canada**.

Part 1 – Capital

Add the following year-end amounts:

	Line	Amount		
Reserves that have not been deducted in calculating income for the year under Part I	101	829,100		
Capital stock (or members' contributions if incorporated without share capital)	103	10,855,585		
Retained earnings	104	2,800,310		
Contributed surplus	105			
Any other surpluses	106			
Deferred unrealized foreign exchange gains	107			
All loans and advances to the corporation	108	22,075,174		
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109			
Any dividends declared but not paid by the corporation before the end of the year	110			
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111			
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112			
Subtotal (**add** lines 101 to 112)		36,560,169	36,560,169	A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if
- a) those lines applied to partnerships in the same manner that they apply to corporations, and
- b) those amounts were computed without reference to amounts owing by the partnership
  - (i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or
  - (ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1)			36,560,169	A
Deduct the following amounts:				
Deferred tax debit balance at the end of the year	121			
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122			
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123			
Deferred unrealized foreign exchange losses at the end of the year	124			
Subtotal (**add** lines 121 to 124)		▶		B
Capital for the year (amount A **minus** amount B) (if negative, enter "0")	190		36,560,169	

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	21,415
A loan or advance to another corporation (other than a financial institution)	402	97,157
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(*d*)), or another partnership described in paragraph 181.2(4)(*d.1*)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	118,572

Notes:

1. Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).
2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		36,560,169	C
Deduct: Investment allowance for the year (line 490)		118,572	D
Taxable capital for the year (amount C **minus** amount D) (if negative, enter "0")	500	36,441,597	

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500) 36,441,597 x Taxable income earned in Canada **610** 102,412 / Taxable income 102,412 = **Taxable capital employed in Canada** **690** 36,441,597

Notes: 1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **701** ____

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . **711** ____

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **712** ____

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . **713** ____

Total deductions (**add** lines 711, 712, and 713) ____ ▶ ____ E

Taxable capital employed in Canada (line 701 **minus** amount E) (if negative, enter "0") . . . . **790** ____

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690) . . . . ____ F

Deduct: . . . . 10,000,000 G

Excess (amount F **minus** amount G) (if negative, enter "0") ____ H

Calculation for purposes of the small business deduction (amount H x 0.225%) . . . . ____ I

Enter this amount at line 415 of the T2 return.

Attached Schedule with Total

Part 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Amount	
Due to related party	903,121	00
Long term debt	20,303,625	00
Customer Deposits	760,379	00
Current portion of Long term debt	108,049	00
Total	22,075,174	00

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust)	Provide only one number per shareholder: Business Number (If a corporation is not registered, enter "NR")	Social insurance number	Trust number	Percentage common shares	Percentage preferred shares
	100	200	300	350	400	500
1	ERTH Corporation	86356 4324 RC0001			100.000	100.000
2						
3						
4						
5						
6						
7						
8						
9						
10						

Canada Revenue Agency | Agence du revenu du Canada

Schedule 55

Part III.1 Tax on Excessive Eligible Dividend Designations

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

Do not use this area

- Every corporation resident in Canada that pays a taxable dividend (other than a capital gains dividend within the meaning assigned by subsection 130.1(4) or 131(1)) in the tax year must file this schedule.
- Canadian-controlled private corporations (CCPC) and deposit insurance corporations (DIC) must complete Part 1 of this schedule. All other corporations must complete Part 2.
- Every corporation that has paid an eligible dividend must also file Schedule 53, *General Rate Income Pool (GRIP) Calculation*, or Schedule 54, *Low Rate Income Pool (LRIP) Calculation*, whichever is applicable.
- File the completed schedules with your *T2 Corporation Income Tax Return* no later than six months from the end of the tax year.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool (GRIP), and low rate income pool (LRIP).
- The calculations in Part 1 and Part 2 do not apply if the excessive eligible dividend designation arises from the application of paragraph (c) of the definition of excessive eligible dividend designation in subsection 89(1). This paragraph applies when an eligible dividend is paid to artificially maintain or increase the GRIP or to artificially maintain or decrease the LRIP.

Part 1 – Canadian-controlled private corporations and deposit insurance corporations

Taxable dividends paid in the tax year **not included** in Schedule 3					
Taxable dividends paid in the tax year **included** in Schedule 3		2,000,000			
Total taxable dividends paid in the tax year	100	2,000,000			
Total eligible dividends paid in the tax year			150		A
GRIP at the end of the tax year (line 590 on Schedule 53) (if negative, enter "0")			160	2,725,311	B
Excessive eligible dividend designation (line 150 **minus** line 160)					C
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			180		D
Subtotal (amount C **minus** amount D)					E
Part III.1 tax on excessive eligible dividend designations – CCPC or DIC (amount E **multiplied** by 20 %)			190		F

Enter the amount from line 190 on line 710 of the T2 return.

Part 2 – Other corporations

Taxable dividends paid in the tax year **not included** in Schedule 3					
Taxable dividends paid in the tax year **included** in Schedule 3					
Total taxable dividends paid in the tax year	200				
Total excessive eligible dividend designations in the tax year (amount from line A of Schedule 54)					G
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			280		H
Subtotal (amount G **minus** amount H)					I
Part III.1 tax on excessive eligible dividend designations – Other corporations (amount I **multiplied** by 20 %)			290		J

Enter the amount from line 290 on line 710 of the T2 return.

* You can elect to treat all or part of your excessive eligible dividend designation as a separate taxable dividend in order to eliminate or reduce the Part III.1 tax otherwise payable. You must file the election on or before the day that is 90 days **after** the day the notice of assessment for Part III.1 tax was sent. We will accept an election before the assessment of the tax. For more information on how to make this election, go to **www.cra.gc.ca/eligibledividends**.

Canada

Canada Revenue Agency | Agence du revenu du Canada

Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- Use this schedule if the corporation had a permanent establishment (as defined in section 400 of the federal *Income Tax Regulations*) in Ontario at any time in the tax year and had Ontario taxable income in the year.
- All legislative references are to the federal *Income Tax Act* and *Income Tax Regulations*.
- This schedule is a worksheet only. You do not have to file it with your *T2 Corporation Income Tax Return*.

Part 1 – Ontario basic rate of tax for the year

Ontario basic rate of tax for the year . . . . 11.5 % A

Part 2 – Calculation of Ontario basic income tax

Ontario taxable income * . . . . 102,412 B

Ontario basic income tax: amount B **multiplied** by Ontario basic rate of tax for the year (rate A from Part 1) . . . . 11,777 C

If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, *Tax Calculation Supplementary – Corporations*. Otherwise, enter it on line 760 of the T2 return.

* If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or line Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

Part 3 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1) or would have claimed it if subsection 125(5.1) had not been applicable in the tax year.

Income from active business carried on in Canada (amount from line 400 of the T2 return)		107,912	1
Federal taxable income, less adjustment for foreign tax credit (amount from line 405 of the T2 return)		102,412	2
Federal business limit before the application of subsection 125(5.1) (amount from line 410 of the T2 return)		500,000	3

Ontario business limit reduction:

Amount from line 3 . . . 500,000 a

Deduct:

Amount from line E of the T2 return 4,081,600 x (Number of days in the tax year after May 1, 2014 365 / Number of days in the tax year 365) = 4,081,600 b

Reduced Ontario business limit (amount a **minus** amount b) (if negative, enter "0") ▶ 4

Enter the least of amounts 1, 2, 3, and 4 . . . D

Ontario domestic factor (ODF): Ontario taxable income * 102,412.00 / Taxable income earned in all provinces and territories ** 102,412 = 1.00000 E

Amount D × ODF (line E) c

Ontario taxable income (amount B from Part 2) 102,412 d

Ontario small business income (lesser of amount c and amount d) . . . F

OSBD rate for the year . . . 7 % G

Ontario small business deduction: amount F **multiplied** by rate G . . . H

Enter amount H on line 402 of Schedule 5.

* Enter amount B from Part 2.

** Includes the offshore jurisdictions for Nova Scotia and Newfoundland and Labrador.

Part 4 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount d from Part 3) . . . I

Enter amount I on line K in Part 5 of this schedule or on line B in Part 2 of Schedule 502, *Ontario Tax Credit for Manufacturing and Processing*, whichever applies.

Part 5 – Calculation of credit union tax reduction

Complete this part and Schedule 17, *Credit Union Deductions*, if the corporation was a credit union throughout the tax year.

Amount D from Part 3 of Schedule 17		J		
Deduct:				
Ontario adjusted small business income (amount I from Part 4)		K		
Subtotal (amount J **minus** amount K) (if negative, enter "0")		L		
Amount L **multiplied** by rate G from Part 3				M
Ontario domestic factor (line E from Part 3)			1.00000	N
Ontario credit union tax reduction (amount M **multiplied** by ODF from line N)				O

Enter amount O on line 410 of Schedule 5.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 510

Ontario Corporate Minimum Tax

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the *Taxation Act, 2007* (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal *Income Tax Act*;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	51,831,108
Share of total assets from partnership(s) and joint venture(s) *	114	
Total assets of associated corporations (amount from line 450 on Schedule 511)	116	69,340,405
Total assets (total of lines 112 to 116)		121,171,513
Total revenue of the corporation for the tax year **	142	64,445,379
Share of total revenue from partnership(s) and joint venture(s) **	144	
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	25,341,205
Total revenue (total of lines 142 to 146)		89,786,584

The corporation is subject to CMT if:
- for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.
- for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* **Rules for total assets**
- Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.
- The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** **Rules for total revenue**
- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the tax year is less than 51 weeks, **multiply** the total revenue of the corporation or the partnership, whichever applies, by 365 and **divide** by the number of days in the tax year.
- The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

Part 2 – Adjusted net income/loss for CMT purposes

Net income/loss per financial statements *			210	954,914	
Add (to the extent reflected in income/loss):					
Provision for current income taxes/cost of current income taxes	220	28,000			
Provision for deferred income taxes (debits)/cost of future income taxes	222				
Equity losses from corporations	224				
Financial statement loss from partnerships and joint ventures	226				
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230				
Other additions (see note below):					
Share of adjusted net income of partnerships and joint ventures **	228				
Total patronage dividends received, not already included in net income/loss	232				
281	282				
283	284				
Subtotal		28,000	▶	28,000	A
Deduct (to the extent reflected in income/loss):					
Provision for recovery of current income taxes/benefit of current income taxes	320				
Provision for deferred income taxes (credits)/benefit of future income taxes	322				
Equity income from corporations	324				
Financial statement income from partnerships and joint ventures	326				
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	330				
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	332				
Gain on donation of listed security or ecological gift	340				
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342				
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344				
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346				
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348				
Other deductions (see note below):					
Share of adjusted net loss of partnerships and joint ventures **	328				
Tax payable on dividends under subsection 191.1(1) of the federal Act **multiplied** by 3	334				
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	336				
Patronage dividends paid (from Schedule 16) not already included in net income/loss	338				
381	382				
383	384				
385	386				
387	388				
389	390				
Subtotal			▶		B
Adjusted net income/loss for CMT purposes (line 210 **plus** amount A **minus** amount B)			490	982,914	

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with *Ontario Regulation 37/09*, when calculating net income for CMT purposes, accounting income should be adjusted to:

- exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
- include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* **Rules for net income/loss**

- Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal *Bank Act*, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

– Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, **multiply** the net income/loss by the ratio of the Canadian reserve liabilities **divided** by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.

– Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.

– Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the *T2 Corporation – Income Tax Guide*.

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive) . . . . **515** ____

Deduct:

CMT loss available (amount R from Part 7) . . . . ____

Minus: Adjustment for an acquisition of control * . . . . . . **518** ____

Adjusted CMT loss available . . . . ____ ▶ ____ C

Net income subject to CMT calculation (if negative, enter "0") . . . . **520** ____

Amount from line 520 ____ x (Number of days in the tax year before July 1, 2010 ____ / Number of days in the tax year 365) x 4 % = ____ 1

Amount from line 520 ____ x (Number of days in the tax year after June 30, 2010 365 / Number of days in the tax year 365) x 2.7 % = ____ 2

Subtotal (amount 1 **plus** amount 2) . . . . ____ 3

Gross CMT: amount on line 3 above x OAF ** . . . . **540** ____

Deduct:

Foreign tax credit for CMT purposes *** . . . . **550** ____

CMT after foreign tax credit deduction (line 540 **minus** line 550) (if negative, enter "0") . . . . ____ D

Deduct:

Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5) 11,777

Net CMT payable (if negative, enter "0") . . . . ____ E

Enter amount E on line 278 of Schedule 5, *Tax Calculation Supplementary – Corporations*, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

** **Calculation of the Ontario allocation factor (OAF):**

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** ____ = ____

Ontario allocation factor . . . . 1.00000 F

**** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxable income were $1,000.

***** Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year *			G		
Deduct:					
CMT credit expired *	600				
CMT credit carryforward at the beginning of the current tax year * (see note below)			▶	620	
Add:					
CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below)				650	
CMT credit available for the tax year (amount on line 620 **plus** amount on line 650)					H
Deduct:					
CMT credit deducted in the current tax year (amount P from Part 5)					I
Subtotal (amount H **minus** amount I)					J
Add:					
Net CMT payable (amount E from Part 3)					
SAT payable (amount O from Part 6 of Schedule 512)					
Subtotal			▶		K
CMT credit carryforward at the end of the tax year (amount J **plus** amount K)				670	L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4)					M
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		11,777	1		
For a corporation that is not a life insurance corporation:					
CMT after foreign tax credit deduction (amount D from Part 3)		2			
For a life insurance corporation:					
Gross CMT (line 540 from Part 3)		3			
Gross SAT (line 460 from Part 6 of Schedule 512)		4			
The **greater** of amounts 3 and 4		5			
Deduct: line 2 or line 5, whichever applies:			6		
Subtotal (if negative, enter "0")		11,777	▶	11,777	N
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		11,777			
Deduct:					
Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 **minus** line 450 from Schedule 5)		46,000			
Subtotal (if negative, enter "0")			▶		O
CMT credit deducted in the current tax year (least of amounts M, N, and O)					P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? **675** 1 Yes ☐ 2 No ☒

If you answered **yes** to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year * . . . . Q

Deduct:

CMT loss expired * 700

CMT loss carryforward at the beginning of the tax year * (see note below) . . . . ► 720

Add:

CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below) 750

CMT loss available (line 720 **plus** line 750) . . . . R

Deduct:

CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3) . . . .

Subtotal (if negative, enter "0") S

Add:

Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if **negative**) (enter as a positive amount) 760

CMT loss carryforward balance at the end of the tax year (amount S **plus** line 760) . . . . 770 T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:

- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year		829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

Canada Revenue Agency | Agence du revenu du Canada

SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the *T2 Corporation Income Tax Return.*

	Names of associated corporations 200	Business number (Canadian corporation only) (see Note 1) 300	Total assets* (see Note 2) 400	Total revenue** (see Note 2) 500
1	ERTH Corporation	86356 4324 RC0001	40,383,332	5,411,323
2	ERTH (Holdings) Inc.	86371 9696 RC0003	11,335,635	15,392,651
3	ERTH Business Technologies Inc.	87013 2917 RC0001	5,885,101	3,104,599
4	ERTH Limited	83794 3117 RC0001	10,954,676	0
5	J-Mar Line Maintenance Inc.	10266 4554 RC0001	781,661	1,432,632
		Total	450 69,340,405	550 25,341,205

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, *Ontario Corporate Minimum Tax*.
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter ¨NR¨ if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

* **Rules for total assets**

– Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
– Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.
– Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

** **Rules for total revenue**

– Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
– If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of those tax years by 365 and **divide** by the total number of days in all of those tax years.
– If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, **multiply** the associated corporation's total revenue by 365 and **divide** by the number of days in the associated corporation's tax year.
– Include the associated corporation's share of the total revenue of partnerships and joint ventures.
– If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.

Canada Revenue Agency | Agence du revenu du Canada

SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario *Business Corporations Act* (BCA) or Ontario *Corporations Act* (CA), except for registered charities under the federal *Income Tax Act*. This completed schedule serves as a *Corporations Information Act* Annual Return under the *Ontario Corporations Information Act*.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario *Corporations Information Act* Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit **www.ServiceOntario.ca** for more information.
- This schedule contains non-tax information collected under the authority of the Ontario *Corporations Information Act*. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)
Erie Thames Powerlines Corporation

Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	**110** Date of incorporation or amalgamation, whichever is the most recent (Year Month Day)	**120** Ontario Corporation No.
Ontario	2011-06-01	1841650

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)

210 Street number	**220** Street name/Rural route/Lot and Concession number	**230** Suite number
143	Bell Street	

240 Additional address information if applicable (line 220 must be completed first)
PO Box 157

250 Municipality (e.g., city, town)	**260** Province/state	**270** Country	**280** Postal/zip code
Ingersoll	ON	CA	N5C 3K5

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit **www.ServiceOntario.ca**.

300 1 If there have been no changes, enter **1** in this box and then go to "Part 4 – Certification."
If there are changes, enter **2** in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this *Corporations Information Act* Annual Return is true, correct, and complete.

450 Skeoch (Last name) **451** John (First name)

454 ______ , (Middle name(s))

460 1 Please enter one of the following numbers in this box for the above-named person: **1** for director, **2** for officer, or **3** for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter **1** or **2**.

Note: Sections 13 and 14 of the Ontario *Corporations Information Act* provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 Please enter one of the following numbers in this box:
1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)

520 Street number	**530** Street name/Rural route/Lot and Concession number	**540** Suite number

550 Additional address information if applicable (line 530 must be completed first)

560 Municipality (e.g., city, town)	**570** Province/state	**580** Country	**590** Postal/zip code

Part 6 – Language of preference

600 Indicate your language of preference by entering **1** for English or **2** for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the *Taxation Act, 2007* (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the *T2 Corporation Income Tax Return*.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number including area code
John Skeoch	(519) 518-6117

Is the claim filed for a CETC earned through a partnership?* . . . . . **150** 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . . . . . **160** ______

Enter the percentage of the partnership's CETC allocated to the corporation . . . . . **170** ______ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act*, 2007 (Ontario)? . . . . . **210** 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then the corporation is **not eligible** for the CETC.

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * . . . **300** 1,000,000

For eligible expenditures incurred before March 27, 2009:
- If line 300 is $400,000 or less, enter 15% on line 310.
- If line 300 is $600,000 or more, enter 10% on line 310.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\% - \left[5\% \times \left(\frac{\text{amount on line 300} \ \textbf{minus} \ \$400{,}000}{\$200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount . . . **310** 10.000 %

For eligible expenditures incurred after March 26, 2009:
- If line 300 is $400,000 or less, enter 30% on line 312.
- If line 300 is $600,000 or more, enter 25% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\% - \left[5\% \times \left(\frac{\text{amount on line 300} \ \textbf{minus} \ \$400{,}000}{\$200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount . . . **312** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the *Taxation Act, 2007* (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution **400**	**B** Name of qualifying co-operative education program **405**
1.	Conestoga College	Powerline Technician Program
2.	Conestoga College	Powerline Technician Program
3.		

	C Name of student **410**	**D** Start date of WP (see note 1 below) **430**	**E** End date of WP (see note 2 below) **435**
1.	Adam Young	2015-01-05	2015-04-30
2.	Brody TenPas	2015-05-04	2015-09-02
3.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below) 450	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below) 452	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	16,032	25.000 %		16
2.		10.000 %	13,391	25.000 %		17
3.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
1.	4,008	3,000	3,000		3,000
2.	3,348	3,000	3,000		3,000
3.					

Ontario co-operative education tax credit (total of amounts in column K) 500 6,000 L

or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount L:

Amount L ______ x percentage on line 170 in Part 1 ______ % = ... ______ M

Enter amount L or M, whichever applies, on line 452 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a **separate entry** for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received. Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

Canada Revenue Agency | Agence du revenu du Canada

Schedule 552

Ontario Apprenticeship Training Tax Credit

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2015-12-31

- Use this schedule to claim an Ontario apprenticeship training tax credit (ATTC) under section 89 of the *Taxation Act, 2007* (Ontario).
- The ATTC is a refundable tax credit that is equal to a specified percentage (25% to 45%) of the eligible expenditures incurred by a corporation for a qualifying apprenticeship. For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015, the maximum credit for each qualifying apprenticeship is $10,000 per year to a maximum credit of $40,000 over the first 48-month period of the qualifying apprenticeship. For an apprenticeship program that began after April 23, 2015, the maximum credit for each qualifying apprenticeship is $5,000 per year to a maximum credit of $15,000 over the first 36-month period of the qualifying apprenticeship.
- Eligible expenditures are salaries and wages (including taxable benefits) paid to an apprentice in a qualifying apprenticeship or fees paid to an employment agency for the provision of services performed by the apprentice in a qualifying apprenticeship. These expenditures must be:
  - paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario;
  - for services provided by the apprentice during the first 48 months of the apprenticeship program, if an apprenticeship program began before April 24, 2015; and
  - for services provided by the apprentice during the first 36 months of the apprenticeship program, if an apprenticeship program began after April 23, 2015.
- An expenditure is not eligible for an ATTC if:
  - the same expenditure was used, or will be used, to claim a co-operative education tax credit; or
  - it is more than an amount that would be paid to an arm's length apprentice.
- An apprenticeship must meet the following conditions to be a qualifying apprenticeship:
  - the apprenticeship is in a qualifying skilled trade approved by the Ministry of Training, Colleges and Universities (Ontario) or a person designated by him or her; and
  - the corporation and the apprentice must be participating in an apprenticeship program in which the training agreement has been registered under the *Ontario College of Trades and Apprenticeship Act, 2009, or* the *Apprenticeship and Certification Act, 1998,* or in which the contract of apprenticeship has been registered under the *Trades Qualification and Apprenticeship Act*.
- Do not submit the training agreement or contract of apprenticeship with your *T2 Corporation Income Tax Return*. Keep a copy of the training agreement or contract of apprenticeship to support your claim.
- File this schedule with your *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information: John Skeoch

120 Telephone number: (519) 518-6117

Is the claim filed for an ATTC earned through a partnership? * . . . **150** 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . **160** ____

Enter the percentage of the partnership's ATTC allocated to the corporation . . . **170** ____ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 552 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 552 to claim the partner's share of the partnership's ATTC. The total of the partners' allocated amounts can never exceed the amount of the partnership's ATTC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act, 2007* (Ontario)? . . . **210** 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then you are **not eligible** for the ATTC.

Part 3 – Specified percentage

Corporation's salaries and wages paid in the previous tax year * **300** 1,000,000

For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015:

– If line 300 is $400,000 or less, enter 45% on line 312.
– If line 300 is $600,000 or more, enter 35% on line 312.
– If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Specified percentage} = 45\,\% - \left[10\,\% \times \left(\frac{\text{amount on line 300} \quad \textbf{minus} \quad 400{,}000}{200{,}000} \right) \right]$$

Specified percentage . . . . **312** 35.000 %

For eligible expenditures incurred for an apprenticeship program that began after April 23, 2015:

– If line 300 is $400,000 or less, enter 30% on line 314.
– If line 300 is $600,000 or more, enter 25% on line 314.
– If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 314 using the following formula:

$$\text{Specified percentage} = 30\,\% - \left[5\,\% \times \left(\frac{\text{amount on line 300} \quad \textbf{minus} \quad 400{,}000}{200{,}000} \right) \right]$$

Specified percentage . . . . **314** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 89(6) of the *Taxation Act, 2007* (Ontario) applies, enter salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Ontario apprenticeship training tax credit

Complete a **separate entry** for each apprentice for each qualifying apprenticeship with the corporation. When claiming an ATTC for repayment of government assistance, complete a **separate entry** for each repayment, and complete columns A to G and M and N with the details for the employment period in the previous tax year in which the government assistance was received.

	A Trade code **400**	B Apprenticeship program/trade name **405**	C Name of apprentice **410**
1.	434a	Powerline Technician	Jacob Warner
2.	434a	Powerline Technician	Brady Verougstraete
3.	434a	Powerline Technician	Tyler Marr
4.	434a	Powerline Technician	Kyle Verberne

	D Original contract or training agreement number **420**	E Original registration date of apprenticeship contract or training agreement (YYYYMMDD) (see note 1) **425**	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) **430**	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) **435**
1.	CC2641	2013-09-23	2015-01-01	2015-12-31
2.	CC2643	2013-09-03	2015-01-01	2015-12-31
3.	CE00693	2014-09-29	2015-01-01	2015-12-31
4.	CC2642	2014-01-06	2015-01-01	2015-12-31

Note 1: Enter the original registration date of the apprenticeship contract or training agreement in all cases, even when multiple employers employed the apprentice.

Note 2: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the first day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the start date of employment as an apprentice for the tax year in which the government assistance was received.

Note 3: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the last day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the end date of employment as an apprentice for the tax year in which the government assistance was received.

Part 4 – Ontario apprenticeship training tax credit (continued)

	H1 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began before April 24, 2015 (see note 1) **442**	H2 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began after April 23, 2015 (see note 1) **443**	I Maximum credit amount for the tax year (see note 2) **445**
1.	365		10,000
2.	365		10,000
3.	365		10,000
4.	365		10,000

Note 1: When there are multiple employment periods as an apprentice in the tax year with the corporation, do not include days in which the individual was not employed as an apprentice.
For H1: The days employed as an apprentice must be within 48 months of the registration date provided in column E.
For H2: The days employed as an apprentice must be within 36 months of the registration date provided in column E.

Note 2: Maximum credit = ($10,000 × H1/365*****) or ($5,000 × H2/365*****), whichever applies.
***** 366 days, if the tax year includes February 29

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) **452**	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) **453**	K Eligible expenditures **multiplied** by specified percentage (see note 4) **460**
1.	78,775		27,571
2.	78,603		27,511
3.	62,371		21,830
4.	78,349		27,422

Note 3: Reduce eligible expenditures by all government assistance, as defined under subsection 89(19) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, in respect of the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.
For J1: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 48 months of the apprenticeship program, and not relating to services performed before the apprenticeship program began or after it ended.
For J2: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 36 months of the apprenticeship program, and not relating to services performed before the apprenticeship began or after it ended.

Note 4: Calculate the amount in column K as follows:
Column K = (J1 × line 312) or (J2 × line 314), whichever applies.

	L ATTC on eligible expenditures (lesser of columns I and K) **470**	M ATTC on repayment of government assistance (see note 5) **480**	N ATTC for each apprentice (column L or M, whichever applies) **490**
1.	10,000		10,000
2.	10,000		10,000
3.	10,000		10,000
4.	10,000		10,000

Ontario apprenticeship training tax credit (total of amounts in column N) **500** 40,000 **O**

Or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount O:

Amount O ________ x percentage on line 170 in Part 1 ________ % = ... ________ **P**

Enter amount O or P, whichever applies, on line 454 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 552, **add** the amounts from line O or P, whichever applies, on all the schedules, and enter the total amount on line 454 of Schedule 5.

Note 5: Include the amount of government assistance repaid in the tax year multiplied by the specified percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the ATTC in that tax year. Complete a **separate entry** for each repayment of government assistance.

See the privacy notice on your return.

Attachment 20 (of 21):

4-T 2016 Tax Return

Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

200

055 Do not use this area

This form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in Quebec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporation return.

All legislative references on this return are to the federal *Income Tax Act* and *Income Tax Regulations*. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the *General Index of Financial Information* (GIFI), to your tax centre or tax services office. You have to file the return within six months after the end of the corporation's tax year.

For more information see cra.gc.ca or Guide T4012, *T2 Corporation - Income Tax Guide*.

Identification

Business number (BN) **001** 86371 9498 RC0002

Corporation's name
002 Erie Thames Powerlines Corporation

Address of head office
Has this address changed since the last time we were notified? . . . . **010** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 011 to 018.
011 143 Bell Street
012 PO Box 157
City **015** Ingersoll — Province, territory, or state **016** ON
Country (other than Canada) **017** — Postal or ZIP code **018** N5C 3K5

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? . . . . **020** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 021 to 028.
021 c/o
022
023
City **025** — Province, territory, or state **026**
Country (other than Canada) **027** — Postal or ZIP code **028**

Location of books and records (if different from head office address)
Has this address changed since the last time we were notified? . . . . **030** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 031 to 038.
031 143 Bell Street
032 PO Box 157
City **035** Ingersoll — Province, territory, or state **036** ON
Country (other than Canada) **037** — Postal or ZIP code **038** N5C 3K5

040 Type of corporation at the end of the tax year (tick one)
- [X] 1 Canadian-controlled private corporation (CCPC)
- [ ] 2 Other private corporation
- [ ] 3 Public corporation
- [ ] 4 Corporation controlled by a public corporation
- [ ] 5 Other corporation (specify)

If the type of corporation changed during the tax year, provide the effective date of the change . . . . **043** Year Month Day

To which tax year does this return apply?
Tax year start **060** Year Month Day 2016-01-01 — Tax year-end **061** Year Month Day 2016-12-31

Has there been an acquisition of control resulting in the application of subsection 249(4) since the tax year start on line 060? . . . . **063** 1 Yes [ ] 2 No [X]

If **yes**, provide the date control was acquired . . . . **065** Year Month Day

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? . . . . **066** 1 Yes [ ] 2 No [X]

Is the corporation a professional corporation that is a member of a partnership? . . . . **067** 1 Yes [ ] 2 No [X]

Is this the first year of filing after:
Incorporation? . . . . **070** 1 Yes [ ] 2 No [X]
Amalgamation? . . . . **071** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? . . . . **072** 1 Yes [ ] 2 No [X]
If **yes**, complete and attach Schedule 24.

Is this the final tax year before amalgamation? . . . . **076** 1 Yes [ ] 2 No [X]

Is this the final return up to dissolution? . . . . **078** 1 Yes [ ] 2 No [X]

If an election was made under section 261, state the functional currency used **079**

Is the corporation a resident of Canada? **080** 1 Yes [X] 2 No [ ]
If **no**, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? . . . . **082** 1 Yes [ ] 2 No [X]
If **yes**, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
- [ ] 1 Exempt under paragraph 149(1)(e) or (l)
- [ ] 2 Exempt under paragraph 149(1)(j)
- [ ] 3 Exempt under paragraph 149(1)(t)
- [ ] 4 Exempt under other paragraphs of section 149

Do not use this area
095 **096** **898**

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.
Schedules – Answer the following questions. For each **yes** response, **attach** the schedule to the T2 return, unless otherwise instructed.

Question	Line	Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered **yes** to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164		14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165		15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the *Income Tax Regulations*?	170		29
Did the corporation have a total amount over $1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		
Does the corporation earn income from one or more Internet webpages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts of cultural or ecological property; or gifts of medicine?	202	X	2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203		3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Has the corporation realized any capital gains or incurred any capital losses during the tax year?	206		6
i) Is the corporation claiming the small business deduction and reporting a) income or loss from property (other than dividends deductible on line 320 of the T2 return), b) income from a partnership, c) income from a foreign business, d) income from a personal services business, e) income referred to in clause 125(1)(a)(i)(C) or 125(1)(a)(i)(B), or f) business limit assigned under subsection 125(3.2); or ii) does the corporation have aggregate investment income at line 440?	207		7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any property that is eligible capital property?	210	X	10
Does the corporation have any resource-related deductions?	212		12
Is the corporation claiming deductible reserves (other than transitional reserves under section 34.2)?	213		13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or an additional deduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231	X	31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232		T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II - Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit refund?	253		T1131
Is the corporation claiming a film or video production services tax credit refund?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments (continued)

Question	Line	Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265		55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

Question	Line	1 Yes	2 No
Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	X	
Is the corporation inactive?	280		X

What is the corporation's main revenue-generating business activity? 221122 Electric Power Distribution

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

Line	Product or service	Line	%
284	Distribution of Electricity	285	100.000 %
286		287	%
288		289	%

Question	Line	1 Yes	2 No
Did the corporation immigrate to Canada during the tax year?	291		X
Did the corporation emigrate from Canada during the tax year?	292		X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293		

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible 294 Year Month Day

If the corporation's major business activity is construction, did you have any subcontractors during the tax year? 295 1 Yes ☐ 2 No ☐

Taxable income

	Line	Amount	Line	Amount	
Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI.			300	87,766	A
Deduct:					
Charitable donations from Schedule 2	311	100			
Cultural gifts from Schedule 2	313				
Ecological gifts from Schedule 2	314				
Gifts of medicine from Schedule 2	315				
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320				
Part VI.1 tax deduction*	325				
Non-capital losses of previous tax years from Schedule 4	331				
Net capital losses of previous tax years from Schedule 4	332				
Restricted farm losses of previous tax years from Schedule 4	333				
Farm losses of previous tax years from Schedule 4	334				
Limited partnership losses of previous tax years from Schedule 4	335				
Taxable capital gains or taxable dividends allocated from a central credit union	340				
Prospector's and grubstaker's shares	350				
Subtotal		100 ▶		100	B
Subtotal (amount A **minus** amount B) (if negative, enter "0")				87,666	C
Section 110.5 additions or subparagraph 115(1)(a)(vii) additions			355		D
Taxable income (amount C **plus** amount D)			360	87,666	
Income exempt under paragraph 149(1)(t)			370		
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 **minus** line 370)				87,666	Z
Taxable income for the year from a personal services business**					Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 9.

** For a taxation year that ends after 2015.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income from active business carried on in Canada from Schedule 7	400	87,766	A
Taxable income from line 360 on page 3, **minus** 100/28 3.57143 of the amount on line 632* on page 8, **minus** 4 times the amount on line 636** on page 8, and **minus** any amount that, because of federal law, is exempt from Part I tax	405	87,666	B
Business limit (see notes 1 and 2 below)	410	500,000	C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year **divided** by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction:

Amount C 500,000 x **415** *** 87,059 D / 11,250 = 3,869,289 E

Reduced business limit (amount C **minus** amount E) (if negative, enter "0")	425		F
Business limit the CCPC assigns under subsection 125(3.2) (from line 515 below)			G
Amount F **minus** amount G	427		H

Small business deduction

Amount A, B, C, or H, whichever is the least ______ x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 17 % = ______ 1

Amount A, B, C, or H, whichever is the least ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 17.5 % = ______ 2

Total of amounts 1 and 2 (enter amount I on line J on page 8) **430** ______ I

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

*** **Large corporations**

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **prior** year **minus** $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **current** year **minus** $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

Specified corporate income and assignment under subsection 125(3.2)

Applicable to tax years that begin after March 21, 2016

Except that, if the tax year of your corporation started before **and** ends on or after March 22, 2016 and in the tax year of a CCPC, you can make an assignment of business limit to that other CCPC if its tax year started after March 21, 2016.

	J1 Name of corporation receiving the income and assigned amount	J Business number of the corporation receiving the assigned amount 490	K Income paid under clause 125(1)(a)(i)(B) to the corporation identified in column J [3] 500	L Business limit assigned to corporation identified in column J [4] 505
1.				
			Total 510	Total 515

Notes:

3. This amount is [as defined in subsection 125(7) **specified corporate income** (a)(i)] the total of all amounts each of which is income from an active business of the corporation for the year from the provision of services or property to a private corporation (directly or indirectly, in any manner whatever) if
(A) at any time in the year, the corporation (or one of its shareholders) or a person who does not deal at arm's length with the corporation (or one of its shareholders) holds a direct or indirect interest in the private corporation, and
(B) it is not the case that all or substantially all of the corporation's income for the year from an active business is from the provision of services or property to
(I) persons (other than the private corporation) with which the corporation deals at arm's length, or
(II) partnerships with which the corporation deals at arm's length, other than a partnership in which a person that does not deal at arm's length with the corporation holds a direct or indirect interest.
4. The amount of the business limit you assign to a CCPC cannot be greater than the amount determined by the formula A – B, where A is the amount of income referred to in column K in respect of that CCPC and B is the portion of the amount described in A that is deductible by you in respect of the amount of income referred to in clauses 125(1)(a)(i)(A) or (B) for the year. The amount on line 515 cannot be greater than the amount on line 425.

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)			87,666	A
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		B		
Amount K13 from Part 13 of Schedule 27		C		
Personal services business income **432**		D		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		E		
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least		F		
Aggregate investment income from line 440 on page 6*		G		
Subtotal (**add** amounts B to G)		▶		H
Amount A **minus** amount H (if negative, enter "0")			87,666	I
General tax reduction for Canadian-controlled private corporations – Amount I **multiplied** by 13 %			11,397	J

Enter amount J on line 638 on page 8.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)				K
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		L		
Amount K13 from Part 13 of Schedule 27		M		
Personal services business income **434**		N		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		O		
Subtotal (**add** amounts L to O)		▶		P
Amount K **minus** amount P (if negative, enter "0")				Q
General tax reduction – Amount Q **multiplied** by 13 %				R

Enter amount R on line 639 on page 8.

Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7 . . . . **440** ______ A

Amount A ______ x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 26 2 / 3 % = ______ 1

Amount A ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 30 2 / 3 % = ______ 2

Subtotal (amount 1 **plus** amount 2) ______ ▶ ______ B

Foreign investment income from Schedule 7 . . . . **445** ______ C

Amount C ______ x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 9 1 / 3 % = ______ 3

Amount C ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 8 % = ______ 4

Subtotal (amount 3 **plus** amount 4) ______ D

Foreign non-business income tax credit from line 632 on page 8 **minus** amount D (if negative, enter "0") . . . . ______ E

Amount B **minus** amount E (if negative, enter "0") . . . . ______ F

Foreign non-business income tax credit from line 632 on page 8 . . . . ______ G

(Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 35 = ... ______ 5

(Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 38 2 / 3 = ... 38.66667 6

Subtotal (amount 5 **plus** amount 6) 38.6667 H

Amount G ______ x 100 / H 100 / 38.6667 = ... ______ I

Taxable income from line 360 on page 3 . . . . 87,666 J

Deduct:

Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . ______ K

Amount I . . . . ______ L

Foreign business income tax credit from line 636 on page 8 . . . . ______ x 4 = ______ M

Subtotal (total of amounts K to M) ______ ▶ ______ N

Subtotal (amount J **minus** amount N) 87,666 O

Amount O 87,666 x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 26 2 / 3 % = ______ 7

Amount O 87,666 x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 30 2 / 3 % = 26,884 8

Subtotal (amount 7 **plus** amount 8) 26,884 ▶ 26,884 P

Part I tax payable **minus** investment tax credit refund (line 700 **minus** line 780 from page 9) . . . . 11,149 Q

Refundable portion of Part I tax – Amount F, P, or Q, whichever is the least . . . . **450** ______ R

Refundable dividend tax on hand

Refundable dividend tax on hand at the end of the previous tax year	460	533		
Deduct:				
Dividend refund for the previous tax year	465	533		
			▶	A
Add:				
Refundable portion of Part I tax from line 450 on page 6			B	
Total Part IV tax payable from Schedule 3			C	
Net refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation	480			
Subtotal (add amounts B, C, and line 480)			▶	D
Refundable dividend tax on hand at the end of the tax year – Amount A **plus** amount D			485	

Dividend refund

Private and subject corporations at the time taxable dividends were paid in the tax year

Taxable dividends paid in the tax year from line 460 on page 3 of Schedule 3 .... E

Amount E ______ x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 33 1/3 % = ______ 1

Amount E ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 38 1/3 % = ______ 2

Subtotal (amount 1 **plus** amount 2) ______ ▶ ______ F

Refundable dividend tax on hand at the end of the tax year from line 485 above .... G

Dividend refund – Amount F or G, whichever is less .... H

Enter amount H on line 784 on page 9.

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) **multiplied** by 38 % . . . **550** 33,313 A

Additional tax on personal services business income (section 123.5)

Taxable income from a personal services business **555** ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 5 % = **560** ______ B

Recapture of investment tax credit from Schedule 31 . . . **602** ______ C

Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income
(if it was a CCPC throughout the tax year)

Aggregate investment income from line 440 on page 6				D
Taxable income from line 360 on page 3	87,666	E		
Deduct:				
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least		F		
Net amount (amount E **minus** amount F)	87,666	▶	87,666	G

Amount D or G, whichever is less ______ x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 6 2 / 3 % = ______ 1

Amount D or G, whichever is less ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 10 2 / 3 % = ______ 2

Refundable tax on CCPC's investment income (amount 1 **plus** amount 2) . . . **604** ______ ▶ ______ H

Subtotal (**add** amounts A, B, C, and H) 33,313 I

Deduct:

	Line	Amount		Total	
Small business deduction from line 430 on page 4			J		
Federal tax abatement	608	8,767			
Manufacturing and processing profits deduction from Schedule 27	616				
Investment corporation deduction	620				
Taxed capital gains **624** ______					
Additional deduction – credit unions from Schedule 17	628				
Federal foreign non-business income tax credit from Schedule 21	632				
Federal foreign business income tax credit from Schedule 21	636				
General tax reduction for CCPCs from amount J on page 5	638	11,397			
General tax reduction from amount R on page 5	639				
Federal logging tax credit from Schedule 21	640				
Eligible Canadian bank deduction under section 125.21	641				
Federal qualifying environmental trust tax credit	648				
Investment tax credit from Schedule 31	652	2,000			
Subtotal		22,164	▶	22,164	K

Part I tax payable – Amount I **minus** amount K . . . 11,149 L

Enter amount L on line 700 on page 9.

Privacy statement

Personal information is collected under the *Income Tax Act* to administer tax, benefits, and related programs. It may also be used for any purpose related to the administration or enforcement of the Act such as audit, compliance and the payment of debts owed to the Crown. It may be shared or verified with other federal, provincial/territorial government institutions to the extent authorized by law. Failure to provide this information may result in interest payable, penalties or other actions. Under the *Privacy Act*, individuals have the right to access their personal information and request correction if there are errors or omissions. Refer to Info Source cra.gc.ca/gncy/tp/nfsrc/nfsrc-eng.html, personal information bank CRA PPU 047.

Summary of tax and credits

Federal tax

Part I tax payable from amount L on page 8	700	11,149
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		11,149

Add provincial or territorial tax:

Provincial or territorial jurisdiction . . . 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	
Total tax payable	770	11,149 A

Deduct other credits:

Investment tax credit refund from Schedule 31	780		
Dividend refund from amount H on page 7	784		
Federal capital gains refund from Schedule 18	788		
Federal qualifying environmental trust tax credit refund	792		
Canadian film or video production tax credit refund (Form T1131)	796		
Film or video production services tax credit refund (Form T1177)	797		
Tax withheld at source	800		
Total payments on which tax has been withheld 801			
Provincial and territorial capital gains refund from Schedule 18	808		
Provincial and territorial refundable tax credits from Schedule 5	812	34,667	
Tax instalments paid	840		
Total credits	890	34,667 ▶	34,667 B

Refund code 894 1 Overpayment 23,518 ◀ Balance (amount A **minus** amount B) -23,518

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information 910 ____ Branch number

914 ____ Institution number 918 ____ Account number

If the result is positive, you have a **balance unpaid**. If the result is negative, you have an **overpayment**. Enter the amount on whichever line applies. Generally, we do not charge or refund a difference of $2 or less.

Balance unpaid . . . . . . ____

For information on how to make your payment, go to cra.gc.ca/payments.

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? . . . 896 1 Yes ☐ 2 No X

If this return was prepared by a tax preparer for a fee, provide their EFILE number . . . 920 A4970

PREPARED SOLELY FOR INCOME TAX PURPOSES WITHOUT AUDIT OR REVIEW FROM INFORMATION PROVIDED BY THE TAXPAYER.

Certification

I, 950 Skeoch (Last name) 951 John (First name) 954 CFO (Position, office, or rank),

am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 2017-06-26 Date (yyyy/mm/dd) ____ Signature of the authorized signing officer of the corporation 956 (519) 518-6117 Telephone number

Is the contact person the same as the authorized signing officer? If **no**, complete the information below . . . 957 1 Yes X 2 No ☐

958 ____ Name of other authorized person 959 ____ Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering **1** for English or **2** for French.
Indiquez votre langue de correspondance en inscrivant **1** pour anglais ou **2** pour français. 990 1

Canada Revenue Agency / Agence du revenu du Canada

Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 *Corporation Income Tax Guide*.
- All legislative references are to the *Income Tax Act*.

Amount calculated on line 9999 from Schedule 125			1,081,503	A
Add:				
Provision for income taxes – current	101	16,000		
Interest and penalties on taxes	103	4,081		
Amortization of tangible assets	104	1,712,622		
Charitable donations and gifts from Schedule 2	112	100		
Non-deductible meals and entertainment expenses	121	11,608		
Subtotal of additions		1,744,411 ▶	1,744,411	
Other additions:				
Taxable/non-deductible other comprehensive income items	239	19,000		

Miscellaneous other additions:

	1 Description 605	2 Amount 295
1	Inducement under 12(1)(x) ITA	54,000
2	Capital lease interest	30,946
3	Smart meter recovery for tax purposes	1,071
4	Amortization of MIFRS	12,834
	Total of column 2	98,851

Total of column 2 ▶	296	98,851		
Subtotal of other additions	199	117,851 ▶	117,851	
Total additions	500	1,862,262 ▶	1,862,262	B
Amount A **plus** amount B			2,943,765	C
Deduct:				
Gain on disposal of assets per financial statements	401	65,703		
Capital cost allowance from Schedule 8	403	2,347,982		
Cumulative eligible capital deduction from Schedule 10	405	18,772		
Subtotal of deductions		2,432,457 ▶	2,432,457	

Other deductions:

Miscellaneous other deductions:

	1 Description 705	2 Amount 395
1	Capital lease payments	192,380
2	Co-op included in income	9,000
3	Capital items expensed for tax	177,354
4	Sale of scrap	12,808
5	Post Retirement benefit	32,000
	Total of column 2	423,542

Total of column 2 ▶	396	423,542

Subtotal of other deductions	499	423,542 ▶	423,542	
Total deductions	510	2,855,999 ▶	2,855,999	D
Net income (loss) for income tax purposes (amount C **minus** amount D)			87,766	E

Enter amount E on line 300 of the T2 return.

Inducement

This form is used to calculate inducements that a corporation must add to its income under paragraph 12(1)(x) of the ITA. If an amount reduces the capital cost of a property, this amount will be indicated in Part "Tax credits whose amount should reduce the capital cost of property."

If you want to transfer an amount to Schedule 1 and include it in the corporation’s income for tax purposes, select the corresponding check box in column A. You can also select the option **Select this check box to add all the amounts to income calculated in Schedule 1** to transfer all the amounts to Schedule 1. In either case, the column A check box will be selected for that amount and it will therefore be updated to Schedule 1.

Tax credits whose amount should be added to income

Select this check box to add all the amounts to income calculated in Schedule 1. X

Federal

A		
X	Investment tax credit from apprenticeship job creation expenditures	8,000
X	Investment tax credit from child care spaces expenditures	
X	Canadian film or video production tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Film or video production services tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Investment tax credit claimed on contributions made to SR&ED farming organizations	

Ontario

A		
X	Portion of the Ontario research and development tax credit that relates to the prescribed proxy amount (PPA) and portion of the Ontario investment tax credit that relates to contributions made to SR&ED farming organizations	
X	Ontario co-operative education tax credit	6,000
X	Ontario apprenticeship training tax credit	40,000
X	Ontario computer animation and special effects tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario film and television tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario production services tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario interactive digital media tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario sound recording tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
X	Ontario book publishing tax credit	
X	Portion of the Ontario innovation tax credit that relates to the prescribed proxy amount (PPA) and portion of the Ontario investment tax credit that relates to contributions made to SR&ED farming organizations	
X	Ontario business-research institute tax credit	
	Ontario community food program donation tax credit for farmers	

Tax credits whose amount should reduce the capital cost of property

Canada Revenue Agency / Agence du revenu du Canada

Schedule 2

Charitable Donations and Gifts

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- For use by corporations to claim any of the following:
  - the eligible amount of charitable donations to qualified donees;
  - the Ontario, Nova Scotia, and British Columbia food donation tax credits for farmers;
  - the eligible amount of gifts of certified cultural property;
  - the eligible amount of gifts of certified ecologically sensitive land; or
  - the additional deduction for gifts of medicine.
- All legislative references are to the federal *Income Tax Act*, unless otherwise specified.
- The eligible amount of a gift is the amount by which the fair market value of the gifted property exceeds the amount of an advantage, if any, for the gift.
- The donations and gifts are eligible for a 5-year carryforward except for gifts of certified ecologically sensitive land made after February 10, 2014, which are eligible for a 10-year carryforward. Please note that the provincial food donation tax credits must be applied in the current tax year.
- Use this schedule to show a transfer of unused amounts from previous years following an amalgamation or the wind-up of a subsidiary as described under subsections 87(1) and 88(1).
- Subsection 110.1(1.2) provides as follows:
  - Where a particular corporation has undergone an acquisition of control, for tax years that end on or after the acquisition of control, no corporation can claim a deduction for a gift made by the particular corporation to a qualified donee before the acquisition of control.
  - If a particular corporation makes a gift to a qualified donee pursuant to an arrangement under which both the gift and the acquisition of control is expected, no corporation can claim a deduction for the gift unless the person acquiring control of the particular corporation is the qualified donee.
- An eligible medical gift to a qualifying organization for activities outside of Canada may be eligible for an additional deduction. Calculate the additional deduction in Part 5.
- File one completed copy of this schedule with your *T2 Corporation Income Tax Return*.
- For more information, see the *T2 Corporation - Income Tax Guide*.

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
Subtotal	
Add: Total donations of less than $100 each	100
Total donations in current tax year	100

Part 1 – Charitable donations

	Line	Federal		Québec	Alberta
Charitable donations at the end of the previous tax year			A		
Deduct: Charitable donations expired after five tax years*	239				
Charitable donations at the beginning of the current tax year	240		B		
Add:					
Charitable donations transferred on an amalgamation or the wind-up of a subsidiary	250				
Total charitable donations made in the current year (include this amount on line 112 of Schedule 1)	210	100		100	100
Subtotal (line 250 **plus** line 210)		100	C	100	100
Subtotal (amount B **plus** amount C)		100	D	100	100
Deduct: Adjustment for an acquisition of control	255				
Total charitable donations available (amount D **minus** amount on line 255)		100	E	100	100
Deduct: Amount applied in the current year against taxable income (cannot be more than amount O in Part 2) (enter this amount on line 311 of the T2 return)	260	100		100	100
Charitable donations closing balance (amount E **minus** amount on line 260)	280				

The amount of qualifying donations for the Ontario community food program donation tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2013) . . . . **262** ______

Ontario community food program donation tax credit for farmers (amount on line 262 **multiplied** by 25 %) . . . . ______ 1

Enter amount 1 on line 420 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less: the Ontario income tax otherwise payable or amount 1. For more information, see section 103.1.2 of the *Taxation Act, 2007* (Ontario).

The amount of qualifying donations for the Nova Scotia food bank tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2015) . . . . **263** ______

Nova Scotia food bank tax credit for farmers (amount on line 263 **multiplied** by 25 %) . . . . ______ 2

Enter amount 2 on line 570 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less: the Nova Scotia income tax otherwise payable or amount 2. For more information, see section 50A of the Nova Scotia *Income Tax Act*.

The amount of qualifying gifts for the British Columbia farmers' food donation tax credit included in the amount on line 260 (for donations made after February 16, 2016 and before January 1, 2019) . . . . **265** ______

British Columbia farmers' food donation tax credit (amount on line 265 **multiplied** by 25 %) . . . . ______ 3

Enter amount 3 on line 683 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less: the British Columbia income tax otherwise payable or amount 3. For more information, see section 20.1 of the British Columbia *Income Tax Act*.

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made in a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Amounts carried forward – Charitable donations

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2011-05-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2002-06-30			
17th prior year	2001-06-30			
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total (to line A)				

***** For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, the 6th prior year gifts made in a tax year that ended before March 24, 2006, expire in the current year and the 21st prior year gifts made in a tax year that ended after March 23, 2006, expire in the current year.

Part 2 – Maximum allowable deduction for charitable donations

Net income for tax purposes* **multiplied** by 75 %			65,825	F
Taxable capital gains arising in respect of gifts of capital property included in Part 1 **	**225**		G	
Taxable capital gain in respect of a disposition of a non-qualifying security under subsection 40(1.01)	**227**		H	
The amount of the recapture of capital cost allowance in respect of charitable donations	**230**			
Proceeds of disposition, **less** outlays and expenses**			I	
Capital cost**			J	
Amount I or J, whichever is less	**235**			
Amount on line 230 or 235, whichever is less			K	
Subtotal (**add** amounts G, H, and K)			L	
Amount L **multiplied** by 25 %				M
Subtotal (amount F **plus** amount M)			65,825	N
Maximum allowable deduction for charitable donations (enter amount E from Part 1, amount N, or net income for tax purposes, whichever is less)			100	O

* For credit unions, subsection 137(2) states that this amount is before the deduction of payments pursuant to allocations in proportion to borrowing and bonus interest.

** This amount must be prorated by the following calculation: eligible amount of the gift **divided by** the proceeds of disposition of the gift.

Part 3 – Gifts of certified cultural property

		Federal		Québec	Alberta
Gifts of certified cultural property at the end of the previous tax year			A		
Deduct: Gifts of certified cultural property expired after five tax years*	439				
Gifts of certified cultural property at the beginning of the current tax year	440		B		
Add:					
Gifts of certified cultural property transferred on an amalgamation or the wind-up of a subsidiary	450				
Total gifts of certified cultural property in the current year (include this amount on line 112 of Schedule 1)	410				
Subtotal (line 450 **plus** line 410)			C		
Subtotal (amount B **plus** amount C)			D		
Deduct:					
Adjustment for an acquisition of control	455				
Amount applied in the current year against taxable income (enter this amount on line 313 of the T2 return)	460				
Subtotal (line 455 **plus** line 460)			E		
Gifts of certified cultural property closing balance (amount D **minus** amount E)	480				

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made in a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Amount carried forward – Gifts of certified cultural property

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2011-05-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2002-06-30			
17th prior year	2001-06-30			
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total				

***** For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, the 6th prior year gifts made in a tax year that ended before March 24, 2006, expire in the current year and the 21st prior year gifts made in a tax year that ended after March 23, 2006, expire in the current year.

Part 4 – Gifts of certified ecologically sensitive land

		Federal		Québec	Alberta
Gifts of certified ecologically sensitive land at the end of the previous tax year			F		
Deduct: Gifts of certified ecologically sensitive land expired after 5 tax years, or after 10 tax years for gifts made after February 10, 2014*	539				
Gifts of certified ecologically sensitive land at the beginning of the current tax year	540		G		
Add:					
Gifts of certified ecologically sensitive land transferred on an amalgamation or the wind-up of a subsidiary	550				
Total current-year gifts of certified ecologically sensitive land made before February 11, 2014 (include this amount on line 112 of Schedule 1)	510				
Total current-year gifts of certified ecologically sensitive land made after February 10, 2014 (include this amount on line 112 of Schedule 1)	520				
Subtotal (**add** lines 550, 510, and 520)			H		
Subtotal (amount G **plus** amount H)			I		
Deduct:					
Adjustment for an acquisition of control	555				
Amount applied in the current year against taxable income (enter this amount on line 314 of the T2 return)	560				
Subtotal (line 555 **plus** line 560)			J		
Gifts of certified ecologically sensitive land closing balance (amount I **minus** amount J)	580				

* For the federal and Alberta, gifts made before February 11, 2014 , expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. For Québec, gifts made during a tax year that ended before March 24, 2006, expire after five tax years and gifts made during a tax year that ended after March 23, 2006 expire after twenty tax years.

Amounts carried forward – Gifts of certified ecologically sensitive land

Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date . . . .

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2011-05-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year*	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2002-06-30			
17th prior year	2001-06-30			
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total				

* For the federal and Alberta, gifts made before February 11, 2014, expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. The field "Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date" is used to determine the portion of the gifts made in the tax year straddling February 11, 2014, that expires after ten tax years.
For Québec, gifts made during a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Part 5 – Additional deduction for gifts of medicine

	Line	Federal		Québec		Alberta	
Additional deduction for gifts of medicine at the end of the previous tax year			K				
Deduct: Additional deduction for gifts of medicine expired after five tax years*	639						
Additional deduction for gifts of medicine at the beginning of the current tax year	640		L				
Add:							
Additional deduction for gifts of medicine transferred on an amalgamation or the wind-up of a subsidiary	650						
Additional deduction for gifts of medicine for the current year:							
Proceeds of disposition	602		1		1		1
Cost of gifts of medicine	601		2		2		2
Subtotal (line 1 **minus** line 2)			3		3		3
Line 3 **multiplied** by 50 %			4		4		4
Eligible amount of gifts	600		5		5		5

Federal

a ________ x (b / c) = Additional deduction for gifts of medicine for the current year . . . . **610** ________

Québec

a ________ x (b / c) = Additional deduction for gifts of medicine for the current year . . . . ________

Alberta

a ________ x (b / c) = Additional deduction for gifts of medicine for the current year . . . . ________

where:

a is the **lesser** of line 2 and line 4

b is the eligible amount of gifts (line 600)

c is the proceeds of disposition (line 602)

	Line	Federal		Québec	Alberta
Subtotal (line 650 **plus** line 610)			M		
Subtotal (amount L **plus** amount M)			N		
Deduct:					
Adjustment for an acquisition of control	655				
Amount applied in the current year against taxable income (enter this amount on line 315 of the T2 return)	660				
Subtotal (line 655 **plus** line 660)			O		
Additional deduction for gifts of medicine closing balance (amount N **minus** amount O)	680				

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made before March 19, 2007, expire after five tax years and gifts made after March 18, 2007, expire after twenty tax years.

Amounts carried forward – Additional deduction for gifts of medicine

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2011-05-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2002-06-30			
17th prior year	2001-06-30			
18th prior year				
19th prior year				
20th prior year				
21st prior year*				
Total				

* For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, gifts made before March 19, 2007, expire after five tax years and gifts made after March 18, 2007, expire after twenty tax years.

Québec – Gifts of musical instruments

Gifts of musical instruments at the end of the previous tax year		A
Deduct: Gifts of musical instruments expired after twenty tax years		B
Gifts of musical instruments at the beginning of the tax year		C
Add:		
Gifts of musical instruments transferred on an amalgamation or the wind-up of a subsidiary		D
Total current-year gifts of musical instruments		E
Subtotal (line D **plus** line E)		F
Deduct: Adjustment for an acquisition of control		G
Total gifts of musical instruments available		H
Deduct: Amount applied against taxable income		I
Gifts of musical instruments closing balance		J

Amounts carried forward – Gifts of musical instruments

Year of origin:		Québec
1st prior year	2015-12-31	
2nd prior year	2014-12-31	
3rd prior year	2013-12-31	
4th prior year	2012-12-31	
5th prior year	2011-12-31	
6th prior year*	2011-05-31	
7th prior year	2010-12-31	
8th prior year	2009-12-31	
9th prior year	2008-12-31	
10th prior year	2007-12-31	
11th prior year	2006-12-31	
12th prior year	2005-12-31	
13th prior year	2004-12-31	
14th prior year	2003-12-31	
15th prior year	2002-12-31	
16th prior year	2002-06-30	
17th prior year	2001-06-30	
18th prior year		
19th prior year		
20th prior year		
21st prior year*		
Total		

* These gifts expired in the current year.

Canada Revenue Agency | Agence du revenu du Canada

Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- Use this schedule if, during the tax year, the corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- All legislative references mentioned in this schedule are from the *Income Tax Regulations*.
- For more information, see the *T2 Corporation – Income Tax Guide.*
- Enter the regulation number in field 100 of Part 1.

Part 1 – Allocation of taxable income

100 ______ Enter the Regulation that applies (402 to 413).

A Jurisdiction Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year.*		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 1 Yes	103		143		
Newfoundland and Labrador Offshore	004 1 Yes	104		144		
Prince Edward Island	005 1 Yes	105		145		
Nova Scotia	007 1 Yes	107		147		
Nova Scotia Offshore	008 1 Yes	108		148		
New Brunswick	009 1 Yes	109		149		
Quebec	011 1 Yes	111		151		
Ontario	013 1 Yes	113		153		
Manitoba	015 1 Yes	115		155		
Saskatchewan	017 1 Yes	117		157		
Alberta	019 1 Yes	119		159		
British Columbia	021 1 Yes	121		161		
Yukon	023 1 Yes	123		163		
Northwest Territories	025 1 Yes	125		165		
Nunavut	026 1 Yes	126		166		
Outside Canada	027 1 Yes	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in subsection 400(2).
** For corporations other than those described under section 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:
1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the *T2 Corporation – Income Tax Guide*.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. If the corporation is a member of a partnership and the partnership had a permanent establishment in a jurisdiction, select the jurisdiction in Column A and include your proportionate share of the partnership's salaries and wages and gross revenue in columns B and D, respectively.

Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
87,666		87,666	10,082

Ontario basic income tax (from Schedule 500)	270	10,082		
Deduct: Ontario small business deduction (from Schedule 500)	402			
Subtotal		10,082	10,082	A6
Add:				
Ontario additional tax re Crown royalties (from Schedule 504)	274			
Ontario transitional tax debits (from Schedule 506)	276			
Recapture of Ontario research and development tax credit (from Schedule 508)	277			
Subtotal				B6
Subtotal (amount A6 **plus** amount B6)			10,082	C6
Deduct:				
Ontario resource tax credit (from Schedule 504)	404			
Ontario tax credit for manufacturing and processing (from Schedule 502)	406			
Ontario foreign tax credit (from Schedule 21)	408			
Ontario credit union tax reduction (from Schedule 500)	410			
Ontario political contributions tax credit (from Schedule 525)	415			
Subtotal				D6
Subtotal (amount C6 **minus** amount D6) (if negative, enter "0")			10,082	E6
Deduct: Ontario research and development tax credit (from Schedule 508)	416			
Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount E6 **minus** amount on line 416) (if negative, enter "0")			10,082	F6
Deduct:				
Ontario corporate minimum tax credit (from Schedule 510)	418			
Ontario community food program donation tax credit for farmers (from Schedule 2)	420			
Ontario corporate income tax payable (amount F6 **minus** amounts on line 418 and line 420) (if negative, enter "0")			10,082	G6
Add:				
Ontario corporate minimum tax (from Schedule 510)	278			
Ontario special additional tax on life insurance corporations (from Schedule 512)	280			
Subtotal				H6
Total Ontario tax payable before refundable credits (amount G6 **plus** amount H6)			10,082	I6
Deduct:				
Ontario qualifying environmental trust tax credit	450			
Ontario co-operative education tax credit (from Schedule 550)	452	14,504		
Ontario apprenticeship training tax credit (from Schedule 552)	454	30,245		
Ontario computer animation and special effects tax credit (from Schedule 554)	456			
Ontario film and television tax credit (from Schedule 556)	458			
Ontario production services tax credit (from Schedule 558)	460			
Ontario interactive digital media tax credit (from Schedule 560)	462			
Ontario sound recording tax credit (from Schedule 562)	464			
Ontario book publishing tax credit (from Schedule 564)	466			
Ontario innovation tax credit (from Schedule 566)	468			
Ontario business-research institute tax credit (from Schedule 568)	470			
Subtotal		44,749	44,749	J6
Net Ontario tax payable or refundable credit (amount I6 **minus** amount J6) (if a credit, enter a negative amount) Include this amount on line 255.	290		-34,667	K6

Summary

Enter the total net tax payable or refundable credits for all provinces and territories on line 255.

Net provincial and territorial tax payable or refundable credits . . . . **255** -34,667

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

For more information, see the section called "Capital Cost Allowance" in the *T2 Corporation Income Tax Guide*.

Is the corporation electing under *Regulation* 1101(5q)? **101** 1 Yes [ ] 2 No [X]

	1 Class number (See Note) 200	Description	2 Undepreciated capital cost at the beginning of the year (amount from column 12 of last year's schedule 8) 201	3 Cost of acquisitions during the year (new property must be available for use)* 203	4 Adjustments and transfers** 205	5 Proceeds of dispositions during the year (amount not to exceed the capital cost) 207	6 50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds column 5)*** 211	7 Reduced undepreciated capital cost	8 CCA rate % **** 212	9 Recapture of capital cost allowance***** (line 107 of Schedule 1) 213	10 Terminal loss (line 404 of Schedule 1) 215	11 Capital cost allowance (for declining balance method, column 7 **multiplied** by column 8, or a lower amount) (line 403 of Schedule 1) ****** 217	12 Undepreciated capital cost at the end of the year (column 6 **plus** column 7 **minus** column 11) 220
1.	1	Buildings	3,739,832			0		3,739,832	4	0	0	149,593	3,590,239
2.	1	Distrib/Sub Station	158,333	3,194		0	1,597	159,930	4	0	0	6,397	155,130
3.	1	Poles Towers Fixture	1,211,347			0		1,211,347	4	0	0	48,454	1,162,893
4.	1	Wires Meters Transf	8,550,793			0		8,550,793	4	0	0	342,032	8,208,761
5.	8	Office Furn/Equip	232,602			0		232,602	20	0	0	46,520	186,082
6.	8	Smart Meters	1,207,214	263,924		0	131,962	1,339,176	20	0	0	267,835	1,203,303
7.	8	Tools and equipment	161,095	219,130		0	109,565	270,660	20	0	0	54,132	326,093
8.	10	Computer Equipment	94			0		94	30	0	0	28	66
9.	10	Transportation Equipment	560,512			392,005		168,507	30	0	0	50,552	117,955
10.	12	Software	84,181	27,000		0	13,500	97,681	100	0	0	97,681	13,500
11.	13	Leasehold Improvments	200,341	41,813		0	4,181	237,973	NA	0	0	77,350	164,804
12.	43.2	Solar Generation Equipment		163,929		0	81,965	81,964	50	0	0	40,982	122,947
13.	45	Computer equipment purchased	309			0		309	45	0	0	139	170
14.	47	Utility Transmission Equipment	12,803,640	2,786,891		19,242	1,383,825	14,187,464	8	0	0	1,134,997	14,436,292
15.	50	Computers - after March 18 2007	45,889	22,003		0	11,002	56,890	55	0	0	31,290	36,602
16.	94	WIP	1,198,503	990,591		1,198,503		990,591	0	0	0		990,591
		Totals	30,154,685	4,518,475		1,609,750	1,737,597	31,325,813				2,347,982	30,715,428

Note: Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed.
Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

* Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions that are not subject to the 50% rule, see *Regulation* 1100(2) and (2.2).

** Enter in column 4, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost.
Items that **increase** the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that **reduce** the undepreciated capital cost include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the *T2 Corporation Income Tax Guide* for other examples of adjustments and transfers to include in column 4.

*** The net cost of acquisitions is the cost of acquisitions (column 3) **plus** or **minus** certain adjustments and transfers from column 4. For information on the exceptions to the 50% rule, as well as how to calculate the amounts to enter in column 6 in those cases, see Interpretation Bulletin IT-285, *Capital Cost Allowance - General Comments*.

**** Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 11.

***** For every entry in column 9, the "Recapture of capital cost allowance" there must be a corresponding entry in column 5, "Proceeds of dispositions during the year". The recapture and terminal loss rules do not apply to passenger vehicles in Class 10.1.

****** If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the *T2 Corporation Income Tax Guide* for more information.

T2 SCH 8 (14)

Canada

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the *T2 Corporation Income Tax Guide*.

	Name	Country of residence (other than Canada)	Business number (see note 1)	Relationship code (see note 2)	Number of common shares you own	% of common shares you own	Number of preferred shares you own	% of preferred shares you own	Book value of capital stock
	100	200	300	400	500	550	600	650	700
1.	ERTH Corporation	CA	86356 4324 RC0001	1					
2.	ERTH (Holdings) Inc.		86371 9696 RC0003	3					
3.	ERTH Business Technologies Inc.		87013 2917 RC0001	3					
4.	ERTH Limited		83794 3117 RC0001	3					
5.	J-Mar Line Maintenance Inc.		10266 4554 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.

Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

Canada Revenue Agency — Agence du revenu du Canada

SCHEDULE 10

CUMULATIVE ELIGIBLE CAPITAL DEDUCTION

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- For use by a corporation that has eligible capital property. For more information, see the *T2 Corporation Income Tax Guide*.
- A separate cumulative eligible capital account must be kept for each business.

Part 1 – Calculation of current year deduction and carry-forward

	Line	Amount		Line	Amount	
Cumulative eligible capital - Balance at the end of the preceding taxation year (if negative, enter "0")				200	233,914	A
Add: Cost of eligible capital property acquired during the taxation year	222	45,679				
Other adjustments	226					
Subtotal (line 222 plus line 226)		45,679	x 3 / 4 = 34,259			B
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an eligible capital property to the corporation after December 20, 2002	228		x 1 / 2 =			C
amount B minus amount C (if negative, enter "0")			34,259 ▶		34,259	D
Amount transferred on amalgamation or wind-up of subsidiary				224		E
Subtotal (add amounts A, D, and E)				230	268,173	F
Deduct: Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all eligible capital property during the taxation year	242		G			
The gross amount of a reduction in respect of a forgiven debt obligation as provided for in subsection 80(7)	244		H			
Other adjustments	246		I			
(add amounts G,H, and I)			x 3 / 4 =	248		J
Cumulative eligible capital balance (amount F minus amount J)					268,173	K
(if amount K is negative, enter "0" at line M and proceed to Part 2)						
Cumulative eligible capital for a property no longer owned after ceasing to carry on that business			249			
amount K		268,173				
less amount from line 249						
Current year deduction		268,173	x 7.00 % =	250	18,772 *	
(line 249 plus line 250) (enter this amount at line 405 of Schedule 1)			18,772 ▶		18,772	L
Cumulative eligible capital – Closing balance (amount K minus amount L) (if negative, enter "0")				300	249,401	M

* You can claim any amount up to the maximum deduction of 7%. The deduction may not exceed the maximum amount prorated by the number of days in the taxation year divided by 365.

Part 2 – Amount to be included in income arising from disposition

(complete this part only if the amount at line K is negative)

Amount from line K (show as positive amount)					N
Total of cumulative eligible capital (CEC) deductions from income for taxation years beginning after June 30, 1988			400	1	
Total of all amounts which reduced CEC in the current or prior years under subsection 80(7)			401	2	
Total of CEC deductions claimed for taxation years beginning before July 1, 1988	402	3			
Negative balances in the CEC account that were included in income for taxation years beginning before July 1, 1988	408	4			
Line 3 minus line 4 (if negative, enter "0")		►		5	
Total of lines 1, 2 and 5				6	
Amounts included in income under paragraph 14(1)(b), as that paragraph applied to taxation years ending after June 30, 1988 and before February 28, 2000, to the extent that it is for an amount described at line 400		7			
Amounts at line T from Schedule 10 of previous taxation years ending after February 27, 2000		8			
Subtotal (line 7 plus line 8)	409	►		9	
Line 6 minus line 9 (if negative, enter "0")				►	O
Line N minus line O (if negative, enter "0")					P
Line 5				x 1 / 2 =	Q
Line P minus line Q (if negative, enter "0")					R
Amount R				x 2 / 3 =	S
Amount N or amount O, whichever is less					T
Amount to be included in income (amount S plus amount T) (enter this amount on line 108 of Schedule 1)				410	

Canada Revenue Agency   Agence du revenu du Canada

Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year, is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group. Include non-CCPCs and CCPCs that have filed an election under subsection 256(2) of the *Income Tax Act* not to be associated for purposes of the small business deduction.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless code 5 applies)
2 – CCPC that is a "third corporation" that has elected under subsection 256(2) not to be associated for purposes of the small business deduction
3 – Non-CCPC that is a "third corporation" as defined in subsection 256(2)
4 – Associated non-CCPC
5 – Associated CCPC to which code 1 does not apply because of a subsection 256(2) election made by a "third corporation"

Column 4: Enter the business limit for the year of each corporation in the associated group.

Column 5: Assign a percentage to allocate the business limit to each corporation that has an association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . . . **025** Year Month Day

Enter the calendar year to which the agreement applies . . . . . . **050** Year 2016

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . . . **075** 1 Yes [ ] 2 No [X]

	1 Names of associated corporations **100**	2 Business number of associated corporations **200**	3 Association code **300**	4 Business limit for the year before the allocation $	5 Percentage of the business limit % **350**	6 Business limit allocated* $ **400**	
1	Erie Thames Powerlines Corporation	86371 9498 RC0002	1	500,000	100.0000	500,000	
2	ERTH Corporation	86356 4324 RC0001	1	500,000			
3	ERTH (Holdings) Inc.	86371 9696 RC0003	1	500,000			
4	ERTH Business Technologies Inc.	87013 2917 RC0001	1	500,000			
5	ERTH Limited	83794 3117 RC0001	1	500,000			
6	J-Mar Line Maintenance Inc.	10266 4554 RC0001	1	500,000			
				Total	100.0000	500,000	A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 31

Investment Tax Credit – Corporations

General information

- Use this schedule:
  - to calculate an investment tax credit (ITC) earned during the tax year;
  - to claim a deduction against Part I tax payable;
  - to claim a refund of credit earned during the current tax year;
  - to claim a carryforward of credit from previous tax years;
  - to transfer a credit following an amalgamation or wind-up of a subsidiary, as described under subsections 87(1) and 88(1);
  - to request a credit carryback to one or more previous years; or
  - if you are subject to a recapture of ITC.
- Unless otherwise noted, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- The ITC is eligible for a three-year carryback (if not deductible in the year earned). It is also eligible for a twenty-year carryforward.
- Investments or expenditures, described in subsection 127(9) and Regulation Part XLVI, that earn an ITC are:
  - qualified property and qualified resource property (Parts 4 to 7 of this schedule);
  - expenditures that are part of the scientific research and experimental development (SR&ED) qualified expenditure pool (Parts 8 to 17). File Form T661, *Scientific Research and Experimental Development (SR&ED) Expenditures Claim*;
  - pre-production mining expenditures (Parts 18 to 20);
  - apprenticeship job creation expenditures (Parts 21 to 23); and
  - child care spaces expenditures (Parts 24 to 28).
- Include a completed copy of this schedule with the *T2 Corporation Income Tax Return*. If you need more space, attach additional schedules.
- For more information on ITCs, see "Investment Tax Credit" in Guide T4012, *T2 Corporation – Income Tax Guide*, Information Circular IC78-4, *Investment Tax Credit Rates*, and its related Special Release.
- For more information on SR&ED, see T4088, *Guide to Form T661 – Scientific Research and Experimental Development (SR&ED) Expenditures Claim*. Also see the *Eligibility of Work for SR&ED Investment Tax Credits Policy* at **cra.gc.ca/txcrdt/sred-rsde/clmng/lgbltywrkfrsrdnvstmnttxcrdts-eng.html**.

Detailed information

- For the purpose of this schedule, **investment** means the capital cost of the property (excluding amounts added by an election under section 21), determined without reference to subsections 13(7.1) and 13(7.4), minus the amount of any government or non-government assistance that the corporation has received, is entitled to receive, or can reasonably be expected to receive for that property when it files the income tax return for the year in which the property was acquired.
- An ITC deducted or refunded in a tax year for a depreciable property, other than a depreciable property deductible under paragraph 37(1)(b), reduces both the capital cost of that property and the undepreciated capital cost of that class in the next tax year. An ITC for SR&ED deducted or refunded in a tax year will reduce the balance in the pool of deductible SR&ED expenditures and the adjusted cost base (ACB) of an interest in a partnership in the next tax year. An ITC from pre-production mining expenditures deducted in a tax year reduces the balance in the pool of deductible cumulative Canadian exploration expenses in the next tax year.
- Property acquired has to be **available for use** before a claim for an ITC can be made. See subsections 127(11.2) and 248(19) for more information.
- Expenditures for SR&ED and capital costs for a property qualifying for an ITC must be identified by the claimant on Form T661 and Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Expenditures for pre-production mining, apprenticeship, or child care space for an ITC must be identified by the claimant on Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Partnership allocations – Subsection 127(8) provides for the allocation of the amount that may reasonably be considered to be a partner's share of the ITCs of the partnership at the end of the fiscal period of the partnership. An allocation of ITCs is generally considered to be the partner's reasonable share of the ITCs if it is made in the same proportion in which the partners have agreed to share any income or loss and if section 103 is not applicable for the agreement to share any income or loss. Special rules apply to specified and limited partners. For more information, see Guide T4068, *Guide for the Partnership Information Return*.
- For SR&ED expenditures, the expression **in Canada** includes the "exclusive economic zone" (as defined in the *Oceans Act* to generally consist of an area that is within 200 nautical miles from the Canadian coastline), including the airspace, seabed and subsoil for that zone.
- For the purpose of this schedule, the expression **Atlantic Canada** includes the Gaspé Peninsula and the provinces of Newfoundland and Labrador, Prince Edward Island, Nova Scotia, and New Brunswick, as well as their respective offshore regions (prescribed in Regulation 4609).
- For the purpose of this schedule, **qualified property** means property in Atlantic Canada that is used primarily for manufacturing and processing, farming or fishing, logging, storing grain, or harvesting peat. Property in Atlantic Canada that is used primarily for oil and gas, and mining activities is considered qualified property only if acquired by the taxpayer **before** March 29, 2012. Qualified property includes new buildings and new machinery and equipment (prescribed in Regulation 4600), and if acquired by the taxpayer **after** March 28, 2012, new energy generation and conservation property (prescribed in Regulation 4600). Qualified property can also be used primarily to produce or process electrical energy or steam in a prescribed area (as described in Regulation 4610). See the definition of **qualified property** in subsection 127(9) for more information.

Detailed information (continued)

- For the purpose of this schedule, **qualified resource property** means property in Atlantic Canada that is used primarily for oil and gas, and mining activities, if acquired by the taxpayer **after** March 28, 2012, and **before** January 1, 2016. Qualified resource property includes new buildings and new machinery and equipment (prescribed in Regulation 4600). See the definition of **qualified resource property** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining exploration expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to determine the existence, location, extent, or quality of certain mineral resources in Canada, excluding expenses incurred in the exploration of an oil or gas well. See subparagraph (a)(i) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining development expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to bring a new mineral resource mine in Canada into production, excluding expenses in the development of a bituminous sands deposit or an oil shale deposit. See subparagraph (a)(ii) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.

Part 1 – Investments, expenditures, and percentages

Investments	**Specified percentage**
Qualified property acquired primarily for use in Atlantic Canada	10 %
Qualified resource property acquired primarily for use in Atlantic Canada and acquired:	
– after March 28, 2012, and before 2014	10 %
– after 2013 and before 2016	5 %
– after 2015*	0 %
Expenditures	
If you are a Canadian-controlled private corporation (CCPC), this percentage may apply to the portion that you claim of the SR&ED qualified expenditure pool that does not exceed your expenditure limit (see Part 10)	35 %
Note: If your current year's qualified expenditures are more than your expenditure limit (see Part 10), the excess is eligible for an ITC calculated at the 20 % rate**.	
If you are a corporation that is not a CCPC and have incurred qualified expenditures for SR&ED in any area in Canada:	
– before 2014**	20 %
– after 2013**	15 %
If you are a taxable Canadian corporation that incurred pre-production mining expenditures before March 29, 2012	10 %
If you are a taxable Canadian corporation that incurred pre-production mining exploration expenditures:	
– after March 28, 2012, and before 2013	10 %
– in 2013	5 %
– after 2013	0 %
If you are a taxable Canadian corporation that incurred pre-production mining development expenditures***:	
– after March 28, 2012, and before 2014	10 %
– in 2014	7 %
– in 2015	4 %
– after 2015	0 %
If you paid salary and wages to apprentices in the first 24 months of their apprenticeship contract for employment	10 %
If you incurred eligible expenditures after March 18, 2007, for the creation of licensed child care spaces for the children of your employees and, potentially, for other children	25 %

* A transitional relief rate of 10% may apply to property acquired after 2013 and before 2017, if the property is acquired under a written agreement entered into before March 29, 2012, or the property is acquired as part of a **phase** of a project where the construction or the engineering and design work for the construction started before March 29, 2012. See paragraph (a.1) of the definition of **specified percentage** in subsection 127(9) for more information.

** The reduction of the rate from 20% to 15% applies to 2014 and later tax years, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013.

*** A transitional relief rate may apply to expenditures incurred after 2013 and before 2016, if the expenditure is incurred under a written agreement entered into before March 29, 2012, or the expenditure is incurred as part of the development of a new mine where the construction or the engineering and design work for the construction of the new mine started before March 29, 2012. See subparagraphs (k)(ii) and (iii) of the definition of **specified percentage** in subsection 127(9) for more information.

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

Part 2 – Determination of a qualifying corporation

Is the corporation a qualifying corporation? . . . **101** 1 Yes [ ] 2 No [X]

For the purpose of a refundable ITC, a **qualifying corporation** is defined under subsection 127.1(2). The corporation has to be a CCPC and its taxable income (before any loss carrybacks) for its previous tax year cannot be more than its **qualifying income limit** for the particular tax year. If the corporation is associated with any other corporations during the tax year, the total of the taxable incomes of the corporation and the associated corporations (before any loss carrybacks), for their last tax year ending in the previous calendar year, cannot be more than their qualifying income limit for the particular tax year.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered **not** associated for the calculation of a refundable ITC if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of both corporations; and
- one of the corporations has at least one shareholder who is not common to both corporations.

If you are a **qualifying** corporation, you will earn a **100%** refund on your share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

Some CCPCs that are **not qualifying** corporations may also earn a **100%** refund on their share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The expenditure limit can be determined in Part 10. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

The 100% refund will not be available to a corporation that is an **excluded corporation** as defined under subsection 127.1(2). A corporation is an excluded corporation if, at any time during the year, it is a corporation that is either controlled by (directly or indirectly, in any manner whatever) or is related to:

a) one or more persons exempt from Part I tax under section 149;

b) Her Majesty in right of a province, a Canadian municipality, or any other public authority; or

c) any combination of persons referred to in a) or b) above.

* Capital expenditures incurred after December 31, 2013, including lease payments for property that would have been a capital expenditure if purchased directly, are **not** qualified SR&ED expenditures and are **not** eligible for an ITC on SR&ED expenditures.

Part 3 – Corporations in the farming industry

Complete this area if the corporation is making SR&ED contributions.

Is the corporation claiming a contribution in the current year to an agricultural organization whose goal is to finance SR&ED work (for example, check-off dues)? . . . **102** 1 Yes [ ] 2 No [X]

If **yes**, complete Schedule 125, *Income Statement Information*, to identify the type of farming industry the corporation is involved in.

Contributions to agricultural organizations for SR&ED* . . . **103** ______
(Enter this amount on line 350 of Part 8)

* Enter only contributions not already included on Form T661.
Include 80% of the contributions made **after** 2012. For contributions made **before** 2013, include all of the contributions.

Qualified Property and Qualified Resource Property

Part 4 – Eligible investments for qualified property and qualified resource property from the current tax year

Capital cost allowance class number **105**	Description of investment **110**	Date available for use **115**	Location used in Atlantic Canada (province) **120**	Amount of investment **125**

Total of investments for qualified property and qualified resource property ______ A1

Part 5 – Current-year credit and account balances – ITC from investments in qualified property and qualified resource property

ITC at the end of the previous tax year				B1
Deduct:				
Credit deemed as a remittance of co-op corporations	210			
Credit expired	215			
Subtotal (line 210 **plus** line 215)			▶	C1
ITC at the beginning of the tax year (amount B1 **minus** amount C1)		220		
Add:				
Credit transferred on amalgamation or wind-up of subsidiary	230			
ITC from repayment of assistance	235			
Qualified property; and qualified resource property acquired after March 28, 2012, and before January 1, 2014* (applicable part from amount A1 in Part 4) ______ x 10 % =	240			
Qualified resource property acquired after December 31, 2013, and before January 1, 2016 (applicable part from amount A1 in Part 4) ______ x 5 % =	242			
Credit allocated from a partnership	250			
Subtotal (total of lines 230 to 250)			▶	D1
Total credit available (line 220 **plus** amount D1)				E1
Deduct:				
Credit deducted from Part I tax (enter this amount at line D8 in Part 30)	260			
Credit carried back to the previous year(s) (from amount H1 in Part 6)		a		
Credit transferred to offset Part VII tax liability	280			
Subtotal (total of line 260, amount a, and line 280)			▶	F1
Credit balance before refund (amount E1 **minus** amount F1)				G1
Deduct:				
Refund of credit claimed on investments from qualified property and qualified resource property (from Part 7)		310		
ITC closing balance of investments from qualified property and qualified resource property (amount G1 **minus** line 310)		320		

* Include investments acquired after 2013 and before 2017 that are eligible for transitional relief.

Part 6 – Request for carryback of credit from investments in qualified property and qualified resource property

	Year	Month	Day			
1st previous tax year				Credit to be applied	901	
2nd previous tax year				Credit to be applied	902	
3rd previous tax year				Credit to be applied	903	

Total of lines 901 to 903 (enter amount H1 on line a in Part 5) H1

Part 7 – Refund of ITC for qualifying corporations on investments from qualified property and qualified resource property

Current-year ITCs (total of lines 240, 242, and 250 in Part 5)	I1
Credit balance before refund (from amount G1 in Part 5)	J1
Refund (40 % of amount I1 or J1, whichever is less)	K1

Enter amount K1 or a lesser amount on line 310 in Part 5 (also enter it on line 780 of the T2 return if you don't claim an SR&ED ITC refund).

SR&ED

Part 8 – Qualified SR&ED expenditures

Current expenditures (from line 557 on Form T661)				
Contributions to agricultural organizations for SR&ED				
Deduct: Government assistance, non-government assistance, or contract payment				
Contributions to agricultural organizations for SR&ED for the federal ITC (this amount is updated to line 103 of Part 3. For more details, consult the Help.)*		+		
Current expenditures (line 557 on Form T661 **plus** line 103 in Part 3)*			350	
Capital expenditures incurred **before** 2014 (from line 558 on Form T661)**			360	
Repayments made in the year (from line 560 on Form T661)			370	
Qualified SR&ED expenditures (total of lines 350 to 370)			380	

* If you are claiming only contributions made to agricultural organizations for SR&ED, line 350 should equal line 103 in Part 3. Do not file Form T661.

** Capital expenditures incurred after December 31, 2013, are not qualified SR&ED expenditures. Capital cost allowance can be claimed for depreciable property acquired for use in SR&ED after 2013.

Part 9 – Components of the SR&ED expenditure limit calculation

Part 9 only applies if you are a CCPC.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of an SR&ED expenditure limit if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of the corporation; and
- one of the corporations has at least one shareholder who is not common to both corporations.

Is the corporation associated with another CCPC for the purpose of calculating the SR&ED expenditure limit? 385 1 Yes [ ] 2 No [X]

If you answered **no** to the question on line 385 above or if you are not associated with any other corporations, complete lines 390 and 398.
If you answered **yes**, the amounts for associated corporations will be determined on Schedule 49.

Enter your taxable income for the previous tax year* (prior to any loss carrybacks applied)		390	102,412
Enter your taxable capital employed in Canada for the previous tax year minus $10 million. If this amount is nil or negative, enter "0". If this amount is over $40 million, enter $40 million	36,441,597	398	26,441,597

* If the tax year referred to on line 390 is less than 51 weeks, **multiply** the taxable income by the following result: 365 **divided** by the number of days in that tax year.

Part 10 – SR&ED expenditure limit for a CCPC

For a stand-alone (not associated) corporation:		$ 8,000,000	
Deduct: Taxable income for the previous tax year (from line 390 in Part 9) or $500,000, whichever is more	500,000 x 10 =	5,000,000	A2
Excess ($8,000,000 **minus** amount A2; if negative, enter "0")		3,000,000	B2
$ 40,000,000 **minus** line 398 in Part 9	13,558,403 a		
Amount a **divided** by $ 40,000,000		0.33896	C2
Expenditure limit for the stand-alone corporation (amount B2 **multiplied** by amount C2)*		1,016,880	D2
For an associated corporation: If associated, the allocation of the SR&ED expenditure limit, as provided on Schedule 49*	400		E2
If your tax year is less than 51 weeks, calculate the amount of the expenditure limit as follows:			
Amount D2 or E2 ______ x Number of days in the tax year 366 / 365 =			F2
Your SR&ED expenditure limit for the year (enter the amount from amount D2, E2, or F2, whichever applies)	410	1,016,880	

* Amount D2 or E2 cannot be more than $3,000,000.

Part 11 – Investment tax credits on SR&ED expenditures

Current expenditures (from line 350 in Part 8) or the expenditure limit (from line 410 in Part 10), whichever is less*	420		x 35 % =		G2
Line 350 **minus** line 410 (if negative, enter "0")	430				
Amount from line 430 ____ x Number of days in the tax year before 2014 / Number of days in the tax year ____ x 20% =			b		
Amount from line 430** ____ x Number of days in the tax year after 2013 / Number of days in the tax year 366 / 366 x 15 % =			c		
Subtotal (amount b **plus** amount c)			▶		H2
Line 410 **minus** line 350 (if negative, enter "0")		1,016,880	d		
Capital expenditures (from line 360 in Part 8) or amount d above, whichever is less*	440		x 35 % =		I2
Line 360 **minus** amount d above (if negative, enter "0")	450				
Amount from line 450 ____ x Number of days in the tax year before 2014 / Number of days in the tax year ____ x 20% =			e		
Amount from line 450** ____ x Number of days in the tax year after 2013 / Number of days in the tax year 366 / 366 x 15 % =			f		
Subtotal (amount e **plus** amount f)			▶		J2

If a corporation makes a repayment of any government or non-government assistance, or contract payments that reduced the amount of qualified expenditures for ITC purposes, the amount of the repayment is eligible for a credit.

Repayments (amount from line 370 in Part 8) . . . . . ____

The ITC on the repayment (the credit) is calculated using the ITC rate that you used to determine your ITC when your qualified expenditures for ITC purposes were reduced because of the government or non-government assistance, or contract payments. Enter the amount of the repayment on the line that corresponds to the appropriate rate. ***

460		x 35 % =		g	
480		x 20 % =		h	
490		x 15 % =		i	
Subtotal (**add** amounts g to i)				▶	K2

Current-year SR&ED ITC (total of amounts G2 to K2; enter on line 540 in Part 12) . . . . . ____ L2

* For corporations that are not CCPCs, enter "0" for amounts G2 and I2.

** For tax years that end after 2013, the general SR&ED ITC rate is reduced from 20% to 15%, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013. For tax years that have a start date **after** 2013, multiply the amount by 15%.

*** If you are reporting a repayment for a tax year which included two calendar years with different rates (such as a 2014 tax year that started in 2013), the amount of repayment is allocated between the two ITC rates as follows:
- For the first part of the tax year, enter on the line next to the applicable ITC rate, the result of the following calculation: The full repayment amount **multiplied** by the number of days in the tax year which were in the first calendar year, **divided** by the total number of days in the tax year.
- For the last part of the tax year which is in the second calendar year, enter on the line next to the applicable ITC rate, the difference between the first part calculated above and the full repayment amount.

Part 12 – Current-year credit and account balances – ITC from SR&ED expenditures

ITC at the end of the previous tax year				M2
Deduct:				
Credit deemed as a remittance of co-op corporations	510			
Credit expired	515			
Subtotal (line 510 **plus** line 515)			▶	N2
ITC at the beginning of the tax year (amount M2 **minus** amount N2)			520	
Add:				
Credit transferred on amalgamation or wind-up of subsidiary	530			
Total current-year credit (from amount L2 in Part 11)	540			
Credit allocated from a partnership	550			
Subtotal (total of lines 530 to 550)			▶	O2
Total credit available (line 520 **plus** amount O2)				P2
Deduct:				
Credit deducted from Part I tax (enter this amount at line E8 in Part 30)	560			
Credit carried back to the previous year(s) (from amount S2 in Part 13)			j	
Credit transferred to offset Part VII tax liability	580			
Subtotal (total of line 560, amount j, and line 580)			▶	Q2
Credit balance before refund (amount P2 **minus** amount Q2)				R2
Deduct:				
Refund of credit claimed on SR&ED expenditures (from Part 14 or 15, whichever applies)			610	
ITC closing balance on SR&ED (amount R2 **minus** line 610)			620	

Part 13 – Request for carryback of credit from SR&ED expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	911	
2nd previous tax year				Credit to be applied	912	
3rd previous tax year				Credit to be applied	913	

Total of lines 911 to 913 (enter amount S2 at line j in Part 12) S2

Part 14 – Refund of ITC for qualifying corporations – SR&ED

Complete this part only if you are a qualifying corporation as determined on line 101 in Part 2.

Is the corporation an excluded corporation as defined under subsection 127.1(2)?	650	1 Yes [ ]	2 No [X]
Current-year ITC (lines 540 **plus** 550 in Part 12 **minus** amount K2 in Part 11)			k
Refundable credits (amount k or amount R2 in Part 12, whichever is less)*			T2
Deduct:			
Amount T2 or amount G2 in Part 11, whichever is less			U2
Net amount (amount T2 **minus** amount U2; if negative, enter "0")			V2
Amount V2 **multiplied** by 40 %			W2
Add:			
Amount U2			X2
Refund of ITC (amount W2 **plus** amount X2 – enter this, or a lesser amount, on line 610 in Part 12)			Y2

Enter the total of line 310 in Part 5 and line 610 in Part 12 on line 780 of the T2 return.

* If you are also an excluded corporation, as defined in subsection 127.1(2), this amount must be multiplied by 40%. Claim this, or a lesser amount, as your refund of ITC for amount Y2.

Part 15 – Refund of ITC for CCPCs that are not qualifying or excluded corporations – SR&ED

Complete this box only if you are a CCPC that is not a qualifying or excluded corporation as determined on line 101 in Part 2.

Credit balance before refund (from amount R2 in Part 12)	Z2
Deduct:	
Amount Z2 or amount G2 in Part 11, whichever is less	AA2
Net amount (amount Z2 **minus** amount AA2; if negative, enter "0")	BB2
Amount BB2 or amount I2 in Part 11, whichever is less	CC2
Amount CC2 **multiplied** by 40 %	DD2
Add:	
Amount AA2	EE2
Refund of ITC (amount DD2 **plus** amount EE2)	FF2

Enter FF2, or a lesser amount, on line 610 in Part 12 and also on line 780 of the T2 return.

Recapture – SR&ED

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED

You will have a recapture of ITC in a year when **all** of the following conditions are met:

- you acquired a particular property in the current year or in any of the 20 previous tax years, and the credit was earned in a tax year ending after 1997 and did not expire before 2008;
- you claimed the cost of the property as a qualified expenditure for SR&ED on Form T661;
- the cost of the property was included in calculating your ITC or was the subject of an agreement made under subsection 127(13) to transfer qualified expenditures; and
- you disposed of the property or converted it to commercial use after February 23, 1998. This condition is also met if you disposed of or converted to commercial use a property that incorporates the particular property previously referred to.

Note:

The recapture **does not apply** if you disposed of the property to a non-arm's-length purchaser who intended to use it all or substantially all for SR&ED. When the non-arm's-length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical ITC rate of the original user.

You will report a recapture on the T2 return for the year in which you disposed of the property or converted it to commercial use. In the following tax year, add the amount of the ITC recapture to the SR&ED expenditure pool.

If you have more than one disposition for calculations 1 and 2, complete the columns for each disposition for which a recapture applies, using the calculation formats below.

Calculation 1 – If you meet all of the above conditions

Amount of ITC you originally calculated for the property you acquired, or the original user's ITC where you acquired the property from a non-arm's length party, as described in the **note** above 700	Amount calculated using ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) 710	Amount from column 700 or 710, whichever is less

Subtotal (enter amount A3 on line C3 in Part 17) A3

Calculation 2 – Only if you transferred all or a part of the qualified expenditure to another person under an agreement described in subsection 127(13); otherwise, enter nil on line B3.

A Rate that the transferee used in determining its ITC for qualified expenditures under a subsection 127(13) agreement 720	B Proceeds of disposition of the property if you dispose of it to an arm's length person; or, in any other case, enter the fair market value of the property at conversion or disposition 730	C Amount, if any, already provided for in Calculation 1 (This allows for the situation where only part of the cost of a property is transferred under a subsection 127(13) agreement.) 740	D Amount determined by the formula (A x B) – C	E ITC earned by the transferee for the qualified expenditures that were transferred 750	F Amount from column D or E, whichever is less

Subtotal (total of column F)
(enter amount B3 on line D3 in Part 17) B3

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED (continued)

Calculation 3

As a member of the partnership, you will report your share of the SR&ED ITC of the partnership after the SR&ED ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 550 in Part 12. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 760.

Corporate partner's share of the excess of SR&ED ITC (amount to be reported on line E3 in Part 17) **760** ____________

Part 17 – Total recapture of SR&ED investment tax credit

Recaptured ITC from calculation 1, amount A3 in Part 16		C3
Recaptured ITC from calculation 2, amount B3 in Part 16		D3
Recaptured ITC from calculation 3, line 760 in Part 16		E3
Total recapture of SR&ED investment tax credit (total of amounts C3 to E3)		F3

Enter amount F3 on line A8 in Part 29.

Pre-Production Mining

Part 18 – Pre-production mining expenditures

Exploration information

A mineral resource that qualifies for the credit means a mineral deposit from which the principal mineral to be extracted is diamond, a base or precious metal deposit, or a mineral deposit from which the principal mineral to be extracted is an industrial mineral that, when refined, results in a base or precious metal.

In column 800, list all minerals for which pre-production mining expenditures have taken place in the tax year.

For each of the minerals reported in column 800, identify each project (in column 805), mineral title (in column 806), and mining division (in column 807) where title is registered. If there is no mineral title, identify only the project and mining division.

List of minerals 800	Project name 805

Mineral title 806	Mining division 807

Pre-production mining expenditures*

Exploration:

Pre-production mining expenditures that you incurred in the tax year (**before** January 1, 2014) for the purpose of determining the existence, location, extent, or quality of a mineral resource in Canada:

Prospecting	810	
Geological, geophysical, or geochemical surveys	811	
Drilling by rotary, diamond, percussion, or other methods	812	
Trenching, digging test pits, and preliminary sampling	813	

Development:

Pre-production mining expenditures incurred in the tax year for bringing a new mine in a mineral resource in Canada into production in reasonable commercial quantities and incurred before the new mine comes into production in such quantities:

Clearing, removing overburden, and stripping	820	
Sinking a mine shaft, constructing an adit, or other underground entry	821	

Other pre-production mining expenditures incurred in the tax year:

Description 825	Amount 826

Total of column 826 ► A4

Total pre-production mining expenditures (total of lines 810 to 821 and amount A4)	830	
Deduct:		
Total of all assistance (grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to on line 830 above	832	
Excess (line 830 **minus** line 832) (if negative, enter "0")		B4
Add:		
Repayments of government and non-government assistance	835	
Pre-production mining expenditures (amount B4 **plus** line 835)		C4

* A pre-production mining expenditure is defined under subsection 127(9).

Part 19 – Current-year credit and account balances – ITC from pre-production mining expenditures

ITC at the end of the previous tax year			D4
Deduct:			
Credit deemed as a remittance of co-op corporations	841		
Credit expired	845		
Subtotal (line 841 **plus** line 845)		▶	E4
ITC at the beginning of the tax year (amount D4 **minus** amount E4)	850		
Add:			
Credit transferred on amalgamation or wind-up of subsidiary	860		
Pre-production mining expenditures* incurred before January 1, 2013 (applicable part from amount C4 in Part 18)	870	x 10 % =	a
Pre-production mining exploration expenditures** incurred in 2013 (applicable part from amount C4 in Part 18)	872	x 5 % =	b
Pre-production mining development expenditures incurred in 2014 (applicable part from amount C4 in Part 18)	874	x 7 % =	c
Pre-production mining development expenditures incurred in 2015 (applicable part from amount C4 in Part 18)	876	x 4 % =	d
Current year credit (total of amounts a to d)	880	▶	F4
Total credit available (total of lines 850, 860, and amount F4)			G4
Deduct:			
Credit deducted from Part I tax (enter this amount at line F8 in Part 30)	885		
Credit carried back to the previous year(s) (from amount I4 in Part 20)			e
Subtotal (line 885 **plus** amount e)		▶	H4
ITC closing balance from pre-production mining expenditures (amount G4 **minus** amount H4)	890		

* Also include pre-production mining development expenditures incurred before 2014 and pre-production mining development expenditures incurred after 2013 and before 2016 that are eligible for transitional relief.

** Also include pre-production mining development expenditures incurred in 2015 if the expense is described in subparagraph (a)(ii) of the definition **pre-production mining expenditure** in subsection 127(9) of the Act because of paragraph (g.4) of the definition **Canadian exploration expense** in subsection 66.1(6) of the Act.

Part 20 – Request for carryback of credit from pre-production mining expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	921	
2nd previous tax year				Credit to be applied	922	
3rd previous tax year				Credit to be applied	923	

Total of lines 921 to 923 (enter amount I4 on line e in Part 19) I4

Apprenticeship Job Creation

Part 21 – Total current-year credit – ITC from apprenticeship job creation expenditures

If you are a related person as defined under subsection 251(2), has it been agreed in writing that you are the only employer who will be claiming the apprenticeship job creation tax credit for this tax year for each apprentice whose contract number (or social insurance number (SIN) or name) appears below? (If not, you cannot claim the tax credit.) . . . . 611 1 Yes ☐ 2 No ☐

For each apprentice in their first 24 months of the apprenticeship, enter the apprenticeship contract number registered with Canada, or a province or territory, under an apprenticeship program designed to certify or license individuals in the trade. For the province, the trade must be a Red Seal trade. If there is no contract number, enter the SIN or the name of the eligible apprentice.

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605	
1.	Tyler Marr	Powerline Technician	52,743	5,274	2,000	
				Total current-year credit (total of column E) (enter amount A5 on line 640 in Part 22)	2,000	A5

* Other than qualified expenditure incurred, and net of any other government or non-government assistance received or to be received. **Eligible salary and wages**, and **qualified expenditures** are defined under subsection 127(9).

Part 22 – Current-year credit and account balances – ITC from apprenticeship job creation expenditures

ITC at the end of the previous tax year				B5
Deduct:				
Credit deemed as a remittance of co-op corporations	612			
Credit expired after 20 tax years	615			
Subtotal (line 612 **plus** line 615)				C5
ITC at the beginning of the tax year (amount B5 **minus** amount C5)	625			
Add:				
Credit transferred on amalgamation or wind-up of subsidiary	630			
ITC from repayment of assistance	635			
Total current-year credit (from amount A5 in Part 21)	640	2,000		
Credit allocated from a partnership	655			
Subtotal (total of lines 630 to 655)		2,000	2,000	D5
Total credit available (line 625 **plus** amount D5)			2,000	E5
Deduct:				
Credit deducted from Part I tax (enter this amount at line G8 in Part 30)	660	2,000		
Credit carried back to the previous year(s) (from amount G5 in Part 23)				a
Subtotal (line 660 **plus** amount a)		2,000	2,000	F5
ITC closing balance from apprenticeship job creation expenditures (amount E5 **minus** amount F5)	690			

Part 23 – Request for carryback of credit from apprenticeship job creation expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	931	
2nd previous tax year				Credit to be applied	932	
3rd previous tax year				Credit to be applied	933	
				Total of lines 931 to 933 (enter amount G5 on line a in Part 22)		G5

Child Care Spaces

Part 24 – Eligible child care spaces expenditures

Enter the eligible expenditures that you incurred to create licensed child care spaces for the children of the employees and, potentially, for other children. You cannot be carrying on a child care services business. The eligible expenditures include:

- the cost of depreciable property (other than specified property); and
- the specified child care start-up expenditures.

Properties should be acquired and expenditures should be incurred only to create new child care spaces at a licensed child care facility.

Cost of depreciable property from the current tax year

	Capital cost allowance class number 665	Description of investment 675	Date available for use 685	Amount of investment 695
1.				

Total cost of depreciable property from the current tax year (total of column 695) **715** ______

Add:

Specified child care start-up expenditures from the current tax year . . . . . **705** ______

Total gross eligible expenditures for child care spaces (line 715 **plus** line 705) . . . . . ______ A6

Deduct:

Total of all assistance (including grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to in amount A6 . . . . . **725** ______

Excess (amount A6 **minus** line 725) (if negative, enter "0") . . . . . ______ B6

Add:

Repayments by the corporation of government and non-government assistance . . . . . **735** ______

Total eligible expenditures for child care spaces (amount B6 **plus** line 735) . . . . . **745** ______

Part 25 – Current-year credit – ITC from child care spaces expenditures

The credit is equal to 25% of eligible child care spaces expenditures incurred to a maximum of $10,000 per child care space created in a licensed child care facility.

Eligible expenditures (from line 745 in Part 24) . . . . . ______ x 25 % = ______ C6

Number of child care spaces . . . . . **755** ______ x $ 10,000 = ______ D6

ITC from child care spaces expenditures (amount C6 or D6, whichever is less) . . . . . ______ E6

Part 26 – Current-year credit and account balances – ITC from child care spaces expenditures

ITC at the end of the previous tax year				F6
Deduct:				
Credit deemed as a remittance of co-op corporations	765			
Credit expired after 20 tax years	770			
Subtotal (line 765 **plus** line 770)			▶	G6
ITC at the beginning of the tax year (amount F6 **minus** amount G6)			775	
Add:				
Credit transferred on amalgamation or wind-up of subsidiary	777			
Total current-year credit (from amount E6 in Part 25)	780			
Credit allocated from a partnership	782			
Subtotal (total of lines 777 to 782)			▶	H6
Total credit available (line 775 **plus** amount H6)				I6
Deduct:				
Credit deducted from Part I tax (enter this amount at line H8 in Part 30)	785			
Credit carried back to the previous year(s) (from amount K6 in Part 27)			a	
Subtotal (line 785 **plus** amount a)			▶	J6
ITC closing balance from child care spaces expenditures (amount I6 **minus** amount J6)			790	

Part 27 – Request for carryback of credit from child care space expenditures

	Year Month Day				
1st previous tax year	2015-12-31	Credit to be applied	941		
2nd previous tax year	2014-12-31	Credit to be applied	942		
3rd previous tax year	2013-12-31	Credit to be applied	943		
		Total of lines 941 to 943 (enter amount K6 on line a in Part 26)			K6

Recapture – Child Care Spaces

Part 28 – Recapture of ITC for corporations and partnerships – Child care spaces

The ITC will be recovered against the taxpayer's tax otherwise payable under Part I of the Act if, at any time within 60 months of the day on which the taxpayer acquired the property:

- the new child care space is no longer available; or
- property that was an eligible expenditure for the child care space is:
  - disposed of or leased to a lessee; or
  - converted to another use.

If the property disposed of is a child care space, the amount that can reasonably be considered to have been included in the original ITC (paragraph 127(27.12)(a))			792	
In the case of eligible expenditures (paragraph 127(27.12)(b)), the lesser of:				
The amount that can reasonably be considered to have been included in the original ITC	795			
25% of either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value (in any other case) of the property	797			
Amount from line 795 or line 797, whichever is less				A7

Partnerships

As a member of the partnership, you will report your share of the child care spaces ITC of the partnership after the child care spaces ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 782 in Part 26. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 799 below.

Corporate partner's share of the excess of ITC	799		
Total recapture of child care spaces investment tax credit (total of line 792, amount A7, and line 799)			B7

Enter amount B7 on line B8 in Part 29.

Summary of Investment Tax Credits

Part 29 – Total recapture of investment tax credit

Recaptured SR&ED ITC (from amount F3 in Part 17)		A8
Recaptured child care spaces ITC (from amount B7 in Part 28)		B8
Total recapture of investment tax credit (amount A8 **plus** amount B8)		C8

Enter amount C8 on line 602 of the T2 return.

Part 30 – Total ITC deducted from Part I tax

ITC from investments in qualified property deducted from Part I tax (from line 260 in Part 5)		D8
ITC from SR&ED expenditures deducted from Part I tax (from line 560 in Part 12)		E8
ITC from pre-production mining expenditures deducted from Part I tax (from line 885 in Part 19)		F8
ITC from apprenticeship job creation expenditures deducted from Part I tax (from line 660 in Part 22)	2,000	G8
ITC from child care space expenditures deducted from Part I tax (from line 785 in Part 26)		H8
Total ITC deducted from Part I tax (total of amounts D8 to H8)	2,000	I8

Enter amount I8 on line 652 of the T2 return.

Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 97 Apprenticeship job creation ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
2,000	2,000			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2015-12-31				
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2011-05-31				
2010-12-31				
2009-12-31				
2008-12-31				
2007-12-31				*
2006-12-31				
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2002-06-30				
2001-06-30				
				*
Total				

B+C+D+G **Total ITC utilized** 2,000

* The **ITC end of year** includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 *Corporation Income Tax Return* no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 181(1) defines the terms **financial institution**, **long-term debt**, and **reserves**.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, **Taxable capital employed in Canada**.

Part 1 – Capital

Add the following year-end amounts:

	Line	Amount		
Reserves that have not been deducted in calculating income for the year under Part I	101	797,100		
Capital stock (or members' contributions if incorporated without share capital)	103	10,855,585		
Retained earnings	104	3,809,844		
Contributed surplus	105			
Any other surpluses	106			
Deferred unrealized foreign exchange gains	107			
All loans and advances to the corporation	108	22,236,562		
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109			
Any dividends declared but not paid by the corporation before the end of the year	110			
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111			
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112			
Subtotal (**add** lines 101 to 112)		37,699,091	37,699,091	A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if
  a) those lines applied to partnerships in the same manner that they apply to corporations, and
  b) those amounts were computed without reference to amounts owing by the partnership
    (i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or
    (ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1)			37,699,091	A
Deduct the following amounts:				
Deferred tax debit balance at the end of the year	121			
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122			
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123			
Deferred unrealized foreign exchange losses at the end of the year	124			
Subtotal (**add** lines 121 to 124)		▶		B
Capital for the year (amount A **minus** amount B) (if negative, enter "0")	190		37,699,091	

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	25,584
A loan or advance to another corporation (other than a financial institution)	402	141,813
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(d)), or another partnership described in paragraph 181.2(4)(d.1)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	167,397

Notes:

1. Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).
2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		37,699,091	C
Deduct: Investment allowance for the year (line 490)		167,397	D
Taxable capital for the year (amount C **minus** amount D) (if negative, enter "0")	500	37,531,694	

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500) 37,531,694 x (Taxable income earned in Canada **610** 87,666 / Taxable income 87,666) = **Taxable capital employed in Canada** **690** 37,531,694

Notes: 1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **701** ______

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . **711** ______

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **712** ______

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . **713** ______

Total deductions (**add** lines 711, 712, and 713) ______ ► ______ E

Taxable capital employed in Canada (line 701 **minus** amount E) (if negative, enter "0") . . . . **790** ______

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690) . . . . ______ F

Deduct: . . . . 10,000,000 G

Excess (amount F **minus** amount G) (if negative, enter "0") ______ H

Calculation for purposes of the small business deduction (amount H x 0.225%) . . . . ______ I

Enter this amount at line 415 of the T2 return.

Attached Schedule with Total

Part 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Operator (Note)	Amount	
Due to related party		351,078	00
Long term debt	+	20,740,791	00
Customer Deposits	+	952,081	00
Current portion of Long term debt	+	192,612	00
	+		
	Total	22,236,562	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust)	Provide only one number per shareholder: Business Number (If a corporation is not registered, enter "NR")	Social insurance number	Trust number	Percentage common shares	Percentage preferred shares
	100	200	300	350	400	500
1	ERTH Corporation	86356 4324 RC0001			100.000	100.000
2						
3						
4						
5						
6						
7						
8						
9						
10						

Canada Revenue Agency | Agence du revenu du Canada

Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- Use this schedule if the corporation had a permanent establishment (as defined in section 400 of the federal *Income Tax Regulations*) in Ontario at any time in the tax year and had Ontario taxable income in the year.
- All legislative references are to the federal *Income Tax Act* and *Income Tax Regulations*.
- This schedule is a worksheet only. You do not have to file it with your *T2 Corporation Income Tax Return*.

Part 1 – Ontario basic rate of tax for the year

Ontario basic rate of tax for the year . . . . . 11.5 % A

Part 2 – Calculation of Ontario basic income tax

Ontario taxable income * . . . . . 87,666 B

Ontario basic income tax: amount B **multiplied** by Ontario basic rate of tax for the year (rate A from Part 1) . . . . . 10,082 C

If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, *Tax Calculation Supplementary – Corporations*. Otherwise, enter it on line 760 of the T2 return.

* If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or line Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

Part 3 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1) or would have claimed it if subsection 125(5.1) had not been applicable in the tax year.

Income from active business carried on in Canada (amount from line 400 of the T2 return)	87,766	1
Federal taxable income, less adjustment for foreign tax credit (amount from line 405 of the T2 return)	87,666	2
Federal business limit before the application of subsection 125(5.1) (amount from line 410 of the T2 return)	500,000	3

Ontario business limit reduction:

Amount from line 3 ..... 500,000 a

Deduct:

Amount from line E of the T2 return 3,869,289 x Number of days in the tax year after May 1, 2014 366 / Number of days in the tax year 366 = 3,869,289 b

Reduced Ontario business limit (amount a **minus** amount b) (if negative, enter "0") ______ c

Business limit the CCPC assigns under subsection 125(3.2) ITA ______ d

Amount c **minus** amount d ______ ▶ ______ 4

Enter the least of amounts 1, 2, 3, and 4 ..... ______ D

Ontario domestic factor (ODF): Ontario taxable income * 87,666.00 / Taxable income earned in all provinces and territories ** 87,666 = ... 1.00000 E

Amount D × ODF (line E) ______ e

Ontario taxable income (amount B from Part 2) 87,666 f

Reduced Ontario business limit (lesser of amount e and amount f) (if negative, enter "0") ..... ______ F

OSBD rate for the year ..... 7 % G

Ontario small business deduction: amount F **multiplied** by rate G ..... ______ H

Enter amount H on line 402 of Schedule 5.

* Enter amount B from Part 2.

** Includes the offshore jurisdictions for Nova Scotia and Newfoundland and Labrador.

Part 4 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount f from Part 3) ..... ______ I

Enter amount I on line K in Part 5 of this schedule or on line B in Part 2 of Schedule 502, *Ontario Tax Credit for Manufacturing and Processing*, whichever applies.

Part 5 – Calculation of credit union tax reduction

Complete this part and Schedule 17, *Credit Union Deductions*, if the corporation was a credit union throughout the tax year.

Amount D from Part 3 of Schedule 17		J		
Deduct:				
Ontario adjusted small business income (amount I from Part 4)		K		
Subtotal (amount J **minus** amount K) (if negative, enter "0")		L		
Amount L **multiplied** by rate G from Part 3				M
Ontario domestic factor (line E from Part 3)			1.00000	N
Ontario credit union tax reduction (amount M **multiplied** by ODF from line N)				O

Enter amount O on line 410 of Schedule 5.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 510

Ontario Corporate Minimum Tax

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the *Taxation Act, 2007* (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal *Income Tax Act*;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	58,283,844
Share of total assets from partnership(s) and joint venture(s) *	114	
Total assets of associated corporations (amount from line 450 on Schedule 511)	116	68,409,310
Total assets (total of lines 112 to 116)		126,693,154
Total revenue of the corporation for the tax year **	142	71,644,218
Share of total revenue from partnership(s) and joint venture(s) **	144	
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	23,346,235
Total revenue (total of lines 142 to 146)		94,990,453

The corporation is subject to CMT if:
- for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.
- for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* **Rules for total assets**
- Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.
- The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** **Rules for total revenue**
- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the tax year is less than 51 weeks, **multiply** the total revenue of the corporation or the partnership, whichever applies, by 365 and **divide** by the number of days in the tax year.
- The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

Part 2 – Adjusted net income/loss for CMT purposes

Net income/loss per financial statements *			210	1,081,503
Add (to the extent reflected in income/loss):				
Provision for current income taxes/cost of current income taxes	220	16,000		
Provision for deferred income taxes (debits)/cost of future income taxes	222			
Equity losses from corporations	224			
Financial statement loss from partnerships and joint ventures	226			
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230			
Other additions (see note below):				
Share of adjusted net income of partnerships and joint ventures **	228			
Total patronage dividends received, not already included in net income/loss	232			
281	282			
283	284			
Subtotal		16,000		16,000 A
Deduct (to the extent reflected in income/loss):				
Provision for recovery of current income taxes/benefit of current income taxes	320			
Provision for deferred income taxes (credits)/benefit of future income taxes	322			
Equity income from corporations	324			
Financial statement income from partnerships and joint ventures	326			
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	330			
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	332			
Gain on donation of listed security or ecological gift	340			
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342			
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344			
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346			
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348			
Other deductions (see note below):				
Share of adjusted net loss of partnerships and joint ventures **	328			
Tax payable on dividends under subsection 191.1(1) of the federal Act **multiplied** by 3	334			
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	336			
Patronage dividends paid (from Schedule 16) not already included in net income/loss	338			
381	382			
383	384			
385	386			
387	388			
389	390			
Subtotal				B
Adjusted net income/loss for CMT purposes (line 210 **plus** amount A **minus** amount B)			490	1,097,503

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with *Ontario Regulation 37/09*, when calculating net income for CMT purposes, accounting income should be adjusted to:

– exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
– include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* **Rules for net income/loss**

– Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal *Bank Act*, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

– Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, **multiply** the net income/loss by the ratio of the Canadian reserve liabilities **divided** by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.

– Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.

– Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the *T2 Corporation – Income Tax Guide*.

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive) . . . . **515** ______

Deduct:

CMT loss available (amount R from Part 7) . . . . ______

Minus: Adjustment for an acquisition of control * . . . . . . **518** ______

Adjusted CMT loss available . . . . ______ ▶ ______ C

Net income subject to CMT calculation (if negative, enter "0") . . . . **520** ______

Amount from line 520 ______ x Number of days in the tax year before July 1, 2010 / Number of days in the tax year ______ / 366 x 4 % = ______ 1

Amount from line 520 ______ x Number of days in the tax year after June 30, 2010 / Number of days in the tax year 366 / 366 x 2.7 % = ______ 2

Subtotal (amount 1 **plus** amount 2) . . . . ______ 3

Gross CMT: amount on line 3 above x OAF ** . . . . **540** ______

Deduct:

Foreign tax credit for CMT purposes *** . . . . **550** ______

CMT after foreign tax credit deduction (line 540 **minus** line 550) (if negative, enter "0") . . . . ______ D

Deduct:

Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5) 10,082

Net CMT payable (if negative, enter "0") . . . . ______ E

Enter amount E on line 278 of Schedule 5, *Tax Calculation Supplementary – Corporations*, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

** **Calculation of the Ontario allocation factor (OAF):**

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** ______ = ______

Ontario allocation factor . . . . 1.00000 F

**** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxable income were $1,000.

***** Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year *				G
Deduct:				
CMT credit expired *	600			
CMT credit carryforward at the beginning of the current tax year * (see note below)			620	
Add:				
CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below)			650	
CMT credit available for the tax year (amount on line 620 **plus** amount on line 650)				H
Deduct:				
CMT credit deducted in the current tax year (amount P from Part 5)				I
Subtotal (amount H **minus** amount I)				J
Add:				
Net CMT payable (amount E from Part 3)				
SAT payable (amount O from Part 6 of Schedule 512)				
Subtotal				K
CMT credit carryforward at the end of the tax year (amount J **plus** amount K)			670	L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4)				M
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		10,082	1	
For a corporation that is not a life insurance corporation:				
CMT after foreign tax credit deduction (amount D from Part 3)	2			
For a life insurance corporation:				
Gross CMT (line 540 from Part 3)	3			
Gross SAT (line 460 from Part 6 of Schedule 512)	4			
The **greater** of amounts 3 and 4	5			
Deduct: line 2 or line 5, whichever applies:			6	
Subtotal (if negative, enter "0")		10,082	10,082	N
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		10,082		
Deduct:				
Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 **minus** line 450 from Schedule 5)		44,749		
Subtotal (if negative, enter "0")				O
CMT credit deducted in the current tax year (least of amounts M, N, and O)				P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? 675 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year * . . . . Q

Deduct:

CMT loss expired * 700

CMT loss carryforward at the beginning of the tax year * (see note below) . . . . ▶ 720

Add:

CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below) 750

CMT loss available (line 720 **plus** line 750) . . . . R

Deduct:

CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3) . . . .

Subtotal (if negative, enter "0") S

Add:

Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if **negative**) (enter as a positive amount) 760

CMT loss carryforward balance at the end of the tax year (amount S **plus** line 760) . . . . 770 T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year		829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the *T2 Corporation Income Tax Return.*

	Names of associated corporations 200	Business number (Canadian corporation only) (see Note 1) 300	Total assets* (see Note 2) 400	Total revenue** (see Note 2) 500
1	ERTH Corporation	86356 4324 RC0001	39,434,857	3,354,580
2	ERTH (Holdings) Inc.	86371 9696 RC0003	10,891,749	14,950,866
3	ERTH Business Technologies Inc.	87013 2917 RC0001	6,038,550	3,198,015
4	ERTH Limited	83794 3117 RC0001	10,954,676	0
5	J-Mar Line Maintenance Inc.	10266 4554 RC0001	1,089,478	1,842,774
		Total	450 68,409,310	550 23,346,235

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, *Ontario Corporate Minimum Tax*.
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter ¨NR¨ if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

*** Rules for total assets**

– Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
– Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.
– Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

**** Rules for total revenue**

– Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
– If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of those tax years by 365 and **divide** by the total number of days in all of those tax years.
– If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, **multiply** the associated corporation's total revenue by 365 and **divide** by the number of days in the associated corporation's tax year.
– Include the associated corporation's share of the total revenue of partnerships and joint ventures.
– If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.

T2 SCH 511 Canada

Canada Revenue Agency Agence du revenu du Canada

SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario *Business Corporations Act* (BCA) or Ontario *Corporations Act* (CA), except for registered charities under the federal *Income Tax Act*. This completed schedule serves as a *Corporations Information Act* Annual Return under the *Ontario Corporations Information Act*.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario *Corporations Information Act* Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit **www.ServiceOntario.ca** for more information.
- This schedule contains non-tax information collected under the authority of the Ontario *Corporations Information Act*. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)

Erie Thames Powerlines Corporation

Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	**110** Date of incorporation or amalgamation, whichever is the most recent (Year Month Day)	**120** Ontario Corporation No.
Ontario	2011-06-01	1841650

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)

210 Street number	**220** Street name/Rural route/Lot and Concession number	**230** Suite number
143	Bell Street	

240 Additional address information if applicable (line 220 must be completed first)

PO Box 157

250 Municipality (e.g., city, town)	**260** Province/state	**270** Country	**280** Postal/zip code
Ingersoll	ON	CA	N5C 3K5

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit **www.ServiceOntario.ca**.

300 1 If there have been no changes, enter **1** in this box and then go to "Part 4 – Certification."
If there are changes, enter **2** in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this *Corporations Information Act* Annual Return is true, correct, and complete.

450 Skeoch (Last name) **451** John (First name)

454 ______________, (Middle name(s))

460 1 Please enter one of the following numbers in this box for the above-named person: **1** for director, **2** for officer, or **3** for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter **1** or **2**.

Note: Sections 13 and 14 of the Ontario *Corporations Information Act* provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 [ ] Please enter one of the following numbers in this box:
1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)

520 Street number	**530** Street name/Rural route/Lot and Concession number	**540** Suite number

550 Additional address information if applicable (line 530 must be completed first)

560 Municipality (e.g., city, town)	**570** Province/state	**580** Country	**590** Postal/zip code

Part 6 – Language of preference

600 [ ] Indicate your language of preference by entering **1** for English or **2** for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

Canada Revenue Agency   Agence du revenu du Canada

SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the *Taxation Act, 2007* (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the *T2 Corporation Income Tax Return*.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number including area code
John Skeoch	(519) 518-6117

Is the claim filed for a CETC earned through a partnership?* . . . . . **150** 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . . . . . **160** ______

Enter the percentage of the partnership's CETC allocated to the corporation . . . . . **170** ______ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act*, 2007 (Ontario)? . . . . . **210** 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then the corporation is **not eligible** for the CETC.

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * **300** 1,000,000

For eligible expenditures incurred before March 27, 2009:

- If line 300 is $400,000 or less, enter 15% on line 310.
- If line 300 is $600,000 or more, enter 10% on line 310.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\% - \left[5\% \times \left(\frac{\text{amount on line 300} \textbf{ minus } \$400{,}000}{\$200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount . . . . **310** 10.000 %

For eligible expenditures incurred after March 26, 2009:

- If line 300 is $400,000 or less, enter 30% on line 312.
- If line 300 is $600,000 or more, enter 25% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\% - \left[5\% \times \left(\frac{\text{amount on line 300} \textbf{ minus } \$400{,}000}{\$200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount . . . . **312** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the *Taxation Act, 2007* (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution **400**	**B** Name of qualifying co-operative education program **405**
1.	Conestoga College	Powerline Technician
2.	Conestoga College	Powerline Technician
3.	University of Waterloo	Planning
4.	Mohawk College	Electrical Engineering
5.	Mohawk College	Electrical Engineering
6.		

	C Name of student **410**	**D** Start date of WP (see note 1 below) **430**	**E** End date of WP (see note 2 below) **435**
1.	Brody TenPas	2016-01-04	2016-05-29
2.	Cole Symon	2016-05-02	2016-08-26
3.	Cole Roddick	2016-01-04	2016-04-29
4.	Bradley Trimmer	2016-01-04	2016-04-29
5.	Bradley Trimmer	2016-05-02	2016-09-02
6.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below) 450	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below) 452	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	16,768	25.000 %		21
2.		10.000 %	14,026	25.000 %		17
3.		10.000 %	10,916	25.000 %		17
4.		10.000 %	11,218	25.000 %		17
5.		10.000 %	11,878	25.000 %		18
6.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
1.	4,192	3,000	3,000		3,000
2.	3,507	3,000	3,000		3,000
3.	2,729	3,000	2,729		2,729
4.	2,805	3,000	2,805		2,805
5.	2,970	3,000	2,970		2,970
6.					

Ontario co-operative education tax credit (total of amounts in column K) 500 14,504 L

or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount L:

Amount L ______ x percentage on line 170 in Part 1 ______ % = ... M

Enter amount L or M, whichever applies, on line 452 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a **separate entry** for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received. Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

Canada Revenue Agency | Agence du revenu du Canada

Schedule 552

Ontario Apprenticeship Training Tax Credit

Corporation's name	Business number	Tax year-end Year Month Day
Erie Thames Powerlines Corporation	86371 9498 RC0002	2016-12-31

- Use this schedule to claim an Ontario apprenticeship training tax credit (ATTC) under section 89 of the *Taxation Act, 2007* (Ontario).
- The ATTC is a refundable tax credit that is equal to a specified percentage (25% to 45%) of the eligible expenditures incurred by a corporation for a qualifying apprenticeship. For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015, the maximum credit for each qualifying apprenticeship is $10,000 per year to a maximum credit of $40,000 over the first 48-month period of the qualifying apprenticeship. For an apprenticeship program that began after April 23, 2015, the maximum credit for each qualifying apprenticeship is $5,000 per year to a maximum credit of $15,000 over the first 36-month period of the qualifying apprenticeship.
- Eligible expenditures are salaries and wages (including taxable benefits) paid to an apprentice in a qualifying apprenticeship or fees paid to an employment agency for the provision of services performed by the apprentice in a qualifying apprenticeship. These expenditures must be:
  - paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario;
  - for services provided by the apprentice during the first 48 months of the apprenticeship program, if an apprenticeship program began before April 24, 2015; and
  - for services provided by the apprentice during the first 36 months of the apprenticeship program, if an apprenticeship program began after April 23, 2015.
- An expenditure is not eligible for an ATTC if:
  - the same expenditure was used, or will be used, to claim a co-operative education tax credit; or
  - it is more than an amount that would be paid to an arm's length apprentice.
- An apprenticeship must meet the following conditions to be a qualifying apprenticeship:
  - the apprenticeship is in a qualifying skilled trade approved by the Ministry of Training, Colleges and Universities (Ontario) or a person designated by him or her; and
  - the corporation and the apprentice must be participating in an apprenticeship program in which the training agreement has been registered under the *Ontario College of Trades and Apprenticeship Act, 2009, or* the *Apprenticeship and Certification Act, 1998,* or in which the contract of apprenticeship has been registered under the *Trades Qualification and Apprenticeship Act*.
- Do not submit the training agreement or contract of apprenticeship with your *T2 Corporation Income Tax Return*. Keep a copy of the training agreement or contract of apprenticeship to support your claim.
- File this schedule with your *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number
John Skeoch	(519) 518-6117

Is the claim filed for an ATTC earned through a partnership? * . . . . 150 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . 160 ____

Enter the percentage of the partnership's ATTC allocated to the corporation . . . . 170 ____ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 552 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 552 to claim the partner's share of the partnership's ATTC. The total of the partners' allocated amounts can never exceed the amount of the partnership's ATTC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . 200 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act, 2007* (Ontario)? . . . . 210 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then you are **not eligible** for the ATTC.

Part 3 – Specified percentage

Corporation's salaries and wages paid in the previous tax year * **300** 1,000,000

For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015:

- If line 300 is $400,000 or less, enter 45% on line 312.
- If line 300 is $600,000 or more, enter 35% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Specified percentage} = 45\,\% - \left[10\,\% \times \left(\frac{\text{amount on line 300} \textbf{ minus } 400{,}000}{200{,}000} \right) \right]$$

Specified percentage . . . . . **312** 35.000 %

For eligible expenditures incurred for an apprenticeship program that began after April 23, 2015:

- If line 300 is $400,000 or less, enter 30% on line 314.
- If line 300 is $600,000 or more, enter 25% on line 314.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 314 using the following formula:

$$\text{Specified percentage} = 30\,\% - \left[5\,\% \times \left(\frac{\text{amount on line 300} \textbf{ minus } 400{,}000}{200{,}000} \right) \right]$$

Specified percentage . . . . . **314** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 89(6) of the *Taxation Act, 2007* (Ontario) applies, enter salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Ontario apprenticeship training tax credit

Complete a **separate entry** for each apprentice for each qualifying apprenticeship with the corporation. When claiming an ATTC for repayment of government assistance, complete a **separate entry** for each repayment, and complete columns A to G and M and N with the details for the employment period in the previous tax year in which the government assistance was received.

	A Trade code 400	B Apprenticeship program/trade name 405	C Name of apprentice 410
1.	434a	Powerline Technician	Jacob Warner
2.	434a	Powerline Technician	Brady Verougstraete
3.	434a	Powerline Technician	Tyler Marr
4.	434a	Powerline Technician	Kyle Verberne

	D Original contract or training agreement number 420	E Original registration date of apprenticeship contract or training agreement (YYYYMMDD) (see note 1) 425	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) 430	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) 435
1.	CC2641	2013-09-23	2016-01-01	2016-11-03
2.	CC2643	2013-09-03	2016-01-01	2016-11-03
3.	CE00693	2014-09-29	2016-01-01	2016-12-31
4.	CC2642	2014-01-06	2016-01-01	2016-05-04

Note 1: Enter the original registration date of the apprenticeship contract or training agreement in all cases, even when multiple employers employed the apprentice.

Note 2: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the first day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the start date of employment as an apprentice for the tax year in which the government assistance was received.

Note 3: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the last day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the end date of employment as an apprentice for the tax year in which the government assistance was received.

Part 4 – Ontario apprenticeship training tax credit (continued)

	H1 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began before April 24, 2015 (see note 1) 442	H2 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began after April 23, 2015 (see note 1) 443	I Maximum credit amount for the tax year (see note 2) 445
1.	308		8,415
2.	308		8,415
3.	366		10,000
4.	125		3,415

Note 1: When there are multiple employment periods as an apprentice in the tax year with the corporation, do not include days in which the individual was not employed as an apprentice.
For H1: The days employed as an apprentice must be within 48 months of the registration date provided in column E.
For H2: The days employed as an apprentice must be within 36 months of the registration date provided in column E.

Note 2: Maximum credit = ($10,000 × H1/365*****) or ($5,000 × H2/365*****), whichever applies.
***** 366 days, if the tax year includes February 29

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures **multiplied** by specified percentage (see note 4) 460
1.	73,035		25,562
2.	72,975		25,541
3.	70,711		24,749
4.	29,191		10,217

Note 3: Reduce eligible expenditures by all government assistance, as defined under subsection 89(19) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, in respect of the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.
For J1: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 48 months of the apprenticeship program, and not relating to services performed before the apprenticeship program began or after it ended.
For J2: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 36 months of the apprenticeship program, and not relating to services performed before the apprenticeship began or after it ended.

Note 4: Calculate the amount in column K as follows:
Column K = (J1 × line 312) or (J2 × line 314), whichever applies.

	L ATTC on eligible expenditures (lesser of columns I and K) 470	M ATTC on repayment of government assistance (see note 5) 480	N ATTC for each apprentice (column L or M, whichever applies) 490
1.	8,415		8,415
2.	8,415		8,415
3.	10,000		10,000
4.	3,415		3,415

Ontario apprenticeship training tax credit (total of amounts in column N) 500 30,245 **O**

Or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount O:

Amount O ________ x percentage on line 170 in Part 1 ________ % = ... ________ **P**

Enter amount O or P, whichever applies, on line 454 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 552, **add** the amounts from line O or P, whichever applies, on all the schedules, and enter the total amount on line 454 of Schedule 5.

Note 5: Include the amount of government assistance repaid in the tax year multiplied by the specified percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the ATTC in that tax year. Complete a **separate entry** for each repayment of government assistance.

See the privacy notice on your return.

Attachment 21 (of 21):

4-U Appendix 2-D

File Number:	2017-0038
Exhibit:	4
Tab:	2
Schedule:	1
Page:	
Date:	06-Sep-17

Appendix 2-D
Overhead Expense

Applicants are to provide a breakdown of OM&A before capitalization in the below table. OM&A before capitalization may be broken down by cost center, program, drivers or another format best suited to focus on capitalized vs. uncapitalized OM&A.

OM&A Before Capitalization	**2014 Historical Year**	**2015 Historical Year**	**2016 Historical Year**	**2017 Bridge Year**	**2018 Test Year**
Distribution	$ 688,177	$ 448,729	$ 378,376	$ 384,808	$ 413,025
Billing and Collecting	$ 1,259,465	$ 1,111,468	$ 981,647	$ 998,335	$ 1,040,307
Community Relations	$ 22,871	$ 21,168	$ 24,584	$ 24,953	$ 25,327
Administrative and General	$ 4,376,576	$ 4,934,199	$ 5,274,396	$ 5,456,568	$ 5,691,140
Total OM&A Before Capitalization (B)	$ 6,347,089	$ 6,515,564	$ 6,659,003	$ 6,864,664	$ 7,169,798

Applicants are to provide a breakdown of capitalized OM&A in the below table. Capitalized OM&A may be broken down using the categories listed in the table below if possible. Otherwise, applicants are to provide its own break down of capitalized OM&A.

Capitalized OM&A	**2014 Historical Year**	**2015 Historical Year**	**2016 Historical Year**	**2017 Bridge Year**	**2018 Test Year**	**Directly Attributable? (Yes/No)**	**Explanation for Change in Overhead Capitalized**
Labour Burden	$ 744,139	$ 723,341	$ 666,502	$ 682,755	$ 713,030	**Yes**	**Training expenses no longer Capitalized under MIFRS**
Material Burden	$ -	$ -	$ -	$ -	$ -	**Yes**	**No Changes necessary on transition to MIFRS**
Vehicle Burden	$ -	$ -	$ -	$ -	$ -	**Yes**	**No Changes necessary on transition to MIFRS**
Insert description of additional item(s) and new rows if needed							
Total Capitalized OM&A (A)	$ 744,139	$ 723,341	$ 666,502	$ 682,755	$ 713,030		
% of Capitalized OM&A (=A/B)	12%	11%	10%	10%	10%		