

2015 Annual Verified Local Distribution Company Conservation & Demand Management Program Results Report

Submitted to: Ontario Energy Board

November 21, 2016

Executive Summary

During the 2015 program year Local Distribution Companies (LDCs) achieved the fourth consecutive year of increased energy savings, the greatest annual energy savings achieved to date and a strong start for the first year of the 2015 - 2020 Conservation First Framework (CFF). LDCs achieved 1.2 TWh of net verified incremental first year energy savings at the end-user level, of which 1.1 TWh is expected to persist until at least 2020. This results in 16% of the CFF Target being met in the first year, setting a strong foundation for LDCs to achieve their target in 2020. During the transition year between the 2011 - 2014 + 2015 Extension Legacy Framework and CFF, LDCs had the option to begin their CFF CDM Programs with corresponding CFF LDC CDM Plan Budgets at any time until January 1, 2016 while all CDM Program results regardless of framework were counted toward their CFF targets and funding for Legacy Framework CDM Programs continued to be managed by the IESO. Correspondingly, 95% of the target achievement in 2015 came from Legacy Framework projects, and \$ 22.4 million (5%) of the \$ 432 million spent in 2015 came from CFF LDC CDM Plan Budgets, which was in line with CFF LDC CDM Plan forecasts.

The 2015 program year continued operational excellence with a successful transition between frameworks with minimal disruption experienced by customers. More specifically:

- IESO approved over 40 LDC CDM Plans including 26 single LDC CDM Plans and 15 joint CDM Plans from 46 LDCs (see Appendix C for more details);
- 5 Local CDM program business cases and 16 pilot programs were approved;
- 14 pilot programs were available across the province in 2015 and 12 new or amended program business cases were approved;
- 2015 marked the first time the IESO has established regional net-to-gross adjustments for most programs; and
- Final 2015 Annual Verified Results Reports were published by the IESO to LDCs two months earlier than previous years.

The following are some key highlights and insights from the 2015 CDM program evaluation, measurement and verification (EM&V) which involve undertaking activities aimed at assessing the resource savings, cost-effectiveness and market impacts of each program. Detailed EM&V reports will be made available on the IESO website later in 2016.

- *Residential sector program*
 - The Save on Energy Coupon Program resulted in greatest savings (156 GWh) from the residential portfolio, largely due to the redemption of coupons for LED measures;
 - Overall HVAC participation decreased 10% from 2014 to 122,000 measures;
- *Business sector program*
 - The Save on Energy Retrofit Program remained the dominant source of savings in the sector with over 90% of net energy savings in 2015;
 - Total sector net energy savings of the Retrofit program increased 41% relative to 2014 to 653 GWh in 2015 due to a greater quantity of projects and an increase in average project savings;
 - The Save on Energy Small Business Lighting Program net energy savings decreased by 40% in 2015 due to reduction in both the number and average savings per project; only 60% of net savings in 2015 persist to 2020 due to baseline shifts;
- *Industrial sector program*
 - 12 Process and Systems Upgrades projects were evaluated in 2015 compared to 10 in 2014, 4 of which were Behind-the-Meter Generation (BMG) accounting for 73% of program savings;
 - 422 Energy Manager projects were completed in 2015 compared to 379 in 2014;

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Background

The Independent Electricity System Operator (IESO) was established by the amalgamation of the predecessor IESO with the Ontario Power Authority (OPA) effective January 1, 2015 pursuant to Schedule 7 of the Building Opportunity and Securing Our Future Act (Budget Measures), 2014 (Ontario) for the purpose, among others, of engaging in activities that promote electricity conservation and the efficient use of electricity. It is licensed by the Ontario Energy Board (OEB) under Part V of the *Ontario Energy Board Act, 1998* (Act). Any direction issued by the Minister of Energy under Sections 25.32 of the *Electricity Act, 1998*, including to the OPA, remains in full force in respect of the IESO and any reference to the predecessor IESO or the OPA in any license, agreement, security, approval, permit or other instrument to which the OPA or predecessor IESO was a party is to be read as if it were a reference to the IESO.

The Minister of Energy issued a direction¹ to the OPA dated April 23, 2010, July 5, 2010 and December 21, 2012 to, among other things, design, deliver and fund Province-Wide CDM Programs, including for low-income residential customers, to be made available for participation by Local Distribution Companies (LDCs) in accordance with the criteria set out in the direction, originally from January 1, 2011 to December 31, 2014, and for an additional one-year period from January 1, 2015 to December 31, 2015.

On March 26, 2014, the Minister of Energy, under the guidance of sections 27.1 and 27.2 of the Act, directed the OEB to amend the license of each LDC to add a condition that specifies the LDC shall between January 1, 2015 and December 31, 2020, make Conservation and Demand Management (CDM) programs that achieve reductions in electricity consumption, available to customers in its licensed service area (CDM Requirement).

The Minister of Energy issued a direction to the OPA dated March 31, 2014, as amended by a subsequent direction dated October 23, 2014, regarding the 2015 - 2020 Conservation First Framework (CFF) requiring the OPA to coordinate, support and fund the delivery of CDM programs through LDCs between January 1, 2015 and December 31, 2020 to achieve a total of 7 TWh of annual reductions in electricity consumption in 2020 in accordance with the principles and requirements set out in the direction.

Each LDC will be required to meet its CDM Requirement by:

- 1) making a core set of Province-Wide CDM Programs, funded by the OPA, available to customers in its licensed service area (Province-Wide LDC CDM Programs);
- 2) making local and/or regional CDM programs, funded by the OPA, available to customers in its licensed service area (Local LDC CDM programs); or
- 3) a combination of 1 and 2.

¹ More information on Ministerial directions can be found at:

<http://www.powerauthority.on.ca/about-us/directives-opa-minister-energy-and-infrastructure>

The OPA entered into an Energy Conservation Agreement with LDCs between October 31, 2014 and December 31, 2014 and amended and restated between April 18, 2016 and May 1, 2016 to achieve the LDCs CDM Requirement.

Accordingly, CDM Programs delivered in 2015 under the 2011 - 2014 + 2015 extension Legacy Framework was funded through that framework's funding mechanisms however, the respective CDM results are attributed towards meeting the LDCs' 2020 CFF targets. LDCs had the option to launch CFF CDM Programs through January 1, 2016 and thus may not have had any CFF CDM Program results in 2015.

This report covers the period from January 1, 2015 to December 31, 2015 with regard to 2015-2020 CFF LDC CDM Plan targets and the budgets. Specifically, this report includes all spending from programs that contributed toward meeting the CFF targets, including the Legacy Framework, the Conservation Fund and CFF.

1.0 – Overall 2015 - 2020 CFF LDC CDM Program Results

1.01 – INTRODUCTION

The CFF assigns each LDC connected to Ontario's electricity system a CDM Program energy savings target and associated CDM Program funding budget, in which they are responsible for managing. The CFF began January 1, 2015 and runs through December 31, 2020 and LDCs have this timeframe of 6 years to implement Conservation and Demand Management Programs in order to achieve energy savings that persist to the year 2020, consistent with the CFF LDC CDM Plan 2020 Annual Energy Savings Target.

The 2015 year was a transition year for LDCs between the Legacy Green Energy Act Framework which began January 1, 2011 and ran through December 31, 2014 and extended for one year from January 1, 2015 to December 31, 2015. In this transition year, LDCs were required to submit to the IESO by May 1, 2015 a CFF LDC CDM Plan for review and approval. The CFF LDC CDM Plan sets out the LDC's CFF CDM Program implementation timelines with associated energy savings and budget expenditure forecasts with a requirement of program launches by January 1, 2016. Until the LDC's CFF CDM Plan is approved by the IESO with associated CFF CDM Program start dates, the LDC continued to offer Legacy Framework CDM Programs funded by the Legacy Framework budget, outside of CFF, but which corresponding energy savings results are counted toward meeting the CFF 2020 Annual Energy Savings Target. This 2015 Annual Verified Local Distribution Company Conservation & Demand Management Program Results Report tracks spending by both framework's but only spending from the CFF funding is tracked against budgets. Roughly two-thirds of all LDCs started their CFF CDM Programs on January 1, 2016.

The 2015 – 2020 CFF Budget is has several components. A budget of \$ 1.835 billion has been allocated to LDCs for all program delivery expenses such as Participant Incentive and CDM Program Administrative Expenses. LDCs are responsible for the management of their allocated budget and LDC's spending is tracked by the IESO against each LDC's CDM Plan. A budget of \$ 400 million has been allocated to IESO Central Services, LDC Collaboration Fund, LDC Innovation Fund and LDC Performance Incentives. IESO Central Services² includes expenses such as: 1) CDM program evaluation; 2) marketing; 3) market research; 4) program delivery; 5) national accounts; 6) capability building initiatives; 7) energy managers initiatives; 8) program infrastructure; and 9) technical support.

² More information on IESO Central Services can be found at:
[http://www.ieso.ca/Documents/conservation/LDC-Toolkit/Guidelines-and-Tools/Guidelines Central Services Strategy and Rate v3.0 20160204 0.pdf](http://www.ieso.ca/Documents/conservation/LDC-Toolkit/Guidelines-and-Tools/Guidelines%20Central%20Services%20Strategy%20and%20Rate%20v3.0%2020160204%200.pdf)

The IESO LDC Collaboration Fund³ supports and encourages collaboration efforts related to program design and delivery among LDCs and province-wide working groups. The IESO LDC Innovation Fund⁴ supports LDC-led program design and market testing of new small-scale pilot programs. Testing and learning from such pilots contribute to the success and cost effectiveness of the potential full-scale launch of a new program. Pilot Programs funded through the IESO Conservation Fund⁵ that have achieved electric energy and demand savings in identified LDC service territories and have undergone the IESO's Evaluation Measurement and Verification process have also been included as contributors to LDC's CFF 2020 Annual Energy Savings Target.

All CDM Program results are subjected to the IESO's Evaluation, Measurement and Verification (EM&V) Protocols and Requirements⁶ in order to be tallied towards the CFF 2020 Annual Energy Saving Target. Final annual EM&V reports⁷ that include process and impact EM&V results are produced for each program sector from independent third party EM&V assessors on 2015 CDM Programs.

This 2015 Annual Verified Local Distribution Company Conservation & Demand Management Program Results Report only includes IESO funded CDM attributable to meeting the CFF 2020 Annual Energy Savings Target. Not included in this report is other CDM in Ontario such as the IESO's Industrial Accelerator Program, the IESO's Industrial Conservation Initiative, the IESO's Capacity Based Demand Response Program, electricity savings from other influencers such as natural gas distributor Demand Side Management programs or federal government CDM programs, or codes and standards.

³ More information on the IESO LDC Collaboration Fund can be found at:

<http://www.ieso.ca/Documents/conservation/LDC-Toolkit/Guidelines-and-Tools/Guidelines-LDC-Collaboration-Fund-Application-and-Funding-v1.0.pdf>

⁴ More information on the IESO LDC Innovation Fund can be found at:

http://www.ieso.ca/Documents/conservation/LDC-Toolkit/Guidelines-and-Tools/LDC_Program_Innovation_Guideline_20160615.docx

⁵ More information on the IESO Conservation Fund can be found at:

<http://www.powerauthority.on.ca/cfund>

⁶ More information on the IESO Evaluation Measurement & Verification Protocol and Requirements can be found at: <http://www.ieso.ca/Documents/conservation/LDC-Toolkit/EM%26V-Protocols-and-Requirements-10312014.pdf>

⁷ More information on the IESO's 2015 Independent Third Party Evaluation, Measurement and Verification Reports can be found at: <http://www.ieso.ca/Pages/Conservation/Conservation-First-Framework/Evaluation-Measurement-and-Verification.aspx>

1.02 – PROGRESS TOWARDS ACHIEVING 2015 - 2020 CFF LDC CDM PLAN TARGET

The CFF Energy Savings Target is in relation to Net Verified Energy Savings in the year 2020 achieved as a result of CDM Program implementation from 2015 to 2020. The following table demonstrates how each year's CDM Program Net Verified Energy Savings results persists and contributes to the 2020 target and the current progress towards the target.

Table 1: Net Verified Annual Energy Savings at the End-User Level

#	Implementation Year	Net Verified Annual Energy Savings at the End-User Level (GWh)					
		2015	2016	2017	2018	2019	2020
1	2015	1,231	1,183	1,162	1,160	1,131	1,117
2	2016						
3	2017						
4	2018						
5	2019						
6	2020						
Total		1,231	1,183	1,162	1,160	1,131	1,117
Net Verified 2020 Annual Energy Savings (GWh):							1,117
CFF LDC CDM Plan Target (GWh):							7,000
Portion of CFF LDC CDM Plan Target Achieved (%):							16

1.03 – PROGRESS TOWARDS SPENDING 2015 - 2020 CFF LDC CDM PLAN BUDGET

The CFF LDC CDM Plan Budget is fixed at \$ 1.835 billion over the 2015 – 2020 period. The following table provides the spending of each year and the corresponding progress towards the spending of the budget.

Table 2: LDC CDM Plan Budget Spending

#	Implementation Year	CFF LDC CDM Plan Budget Spending (\$)
1	2015	22,426,566
2	2016	
3	2017	
4	2018	
5	2019	
6	2020	
Total CFF LDC CDM Plan Budget Spending (\$):		22,426,566
CFF LDC CDM Plan Budget (\$):		1,835,264,931
Portion of CFF LDC CDM Plan Budget Spent (%):		1.2

1.04 – OVERALL 2015 SPENDING

The 2015 year being a transition year between the 2011 - 2014 + 2015 Extension Legacy Framework and the 2015 – 2020 Conservation First Framework where LDCs had the option of delivery CDM Programs funded by either framework. The below table describes 2015 Spending by framework and category. Conservation Fund Pilot Program spending has also been included as some programs contributed to meeting the 2020 Energy Savings Target. Additional details of spending categories can be found in sections 2.08 to 2.10.

Table 3: Overall 2015 Spending

#	Cost	Overall 2015 Spending (\$)⁸
2011 - 2014 + 2015 Extension Legacy Framework		
1	IESO Program Administration Costs	31,884,340
2	LDC Program Administration Budget Costs	61,031,868
	Total Program Administration Costs	92,916,208
3	Participant Incentives	306,898,887
Total 2011 - 2014 + 2015 Extension Legacy Framework		399,815,095
Conservation Fund		
4	IESO Program Costs	6,786,964
Total Conservation Fund		6,786,964
2015 - 2020 Conservation First Framework		
5	LDC CDM Plan Budget	
a	LDC Administrative Expenses	7,287,791
b	IESO Value Added Service Provider Cost	1,640,642
	Total Administration Expenses	8,928,433
c	Participant Incentives	13,498,133
	Total LDC CDM Plan Budget	22,426,566
6	IESO Central Services	3,064,160
Total 2015 - 2020 Conservation First Framework		25,490,726
Total		432,092,785

⁸ Total amounts may not equal sum of summand amounts due to rounding

2.0 – Detailed 2015 - 2020 CFF LDC CDM Program Results

2.01 – INTRODUCTION

The CDM program results provided in this section are verified results from the 2015 program year. Data for future program years will be presented in future year's Annual Verified LDC CDM Program Results Reports as the framework progresses. Results are first presented at the initiative/program level and subsequently by the LDC level.

Results at the program level are structured by framework and within each framework, by program and metrics presented include: 1) participation; 2) 2020 annual energy savings; 3) incremental first year saving for: a) energy; and b) peak demand; 4) annual savings for: a) energy; and b) peak demand; 5) spending by: a) participant incentive; b) program administration; and c) total (sum of 5a and 5b). Spending data includes an "Other" line item which represent initiatives under the Legacy Framework or pilot programs under the Conservation Fund that did not directly result in savings contributing to meeting the CFF 2020 Annual Energy Savings Target including: 1) demand response initiatives; 2) capability building and enabling initiatives; 3) sector level: a) marketing; and b) LDC audits. Note that tables 8 and 9 demonstrate that different CDM Programs with different CDM measures have different persistence lives. Audit; commissioning; monitoring & targeting; and social benchmarking initiatives had expected useful lives (EULs) of less than 6 years.

Results at the LDC level are presented as achievement first towards the LDC's CFF 2015 – 2020 Allocated Target and Budget and then against their CFF LDC CDM Plan 2015 forecast for energy savings and budget expenditure. Some LDCs demonstrated high achievement as a result of exceptional large projects started under the Legacy Framework and completed in 2015 or lowered expectations for 2015 as indicated in the LDC's CDM Plan. Spending forecasts and results are only with regards to spending against CFF CDM Programs. If an LDC did not launch their CFF CDM Programs until late in the 2015 program year or on January 1, 2016, then the LDC's forecast and actual spending and will be very low or zero.

Note that Norfolk Power Distribution Inc.'s forecasts for energy savings and budget expenditure are zero as forecasts are based on CDM Plans as of May 16, 2016 and at that time, forecasts were amalgamated with Hydro One Networks Inc.'s forecasts as a result of their amalgamation effective January 1, 2016. Results attributed to Norfolk Power Distribution Inc. in 2015 were tracked and thus presented separately as the amalgamation did not complete in 2015.

All savings shown are net and verified at the end-user level. Gross, reported or generator level savings are not provided. Forecasts for energy savings and budget expenditure are based on each

LDC's approved CFF CDM Plan⁹ as of May 16, 2016 and additional detailed forecasts and results by LDC, framework and program can be found in each LDC's Final 2015 Verified Results Reports¹⁰.

⁹ The latest IESO approved LDC CDM Plans can be found at:

<http://www.ieso.ca/Pages/Conservation/Conservation-First-Framework/Conservation-and-Demand-Management-Plans.aspx>

¹⁰ LDC's Final 2015 Verified Results Report are available at:

<http://www.ieso.ca/Pages/Conservation/Conservation-First-Framework/2015-LDC-Conservation-Results.aspx>.

2.02 – CDM PROGRAM PARTICIPATION – VERIFIED PARTICIPATION

Table 4 provides the participation and unit of measure for each program in market, by framework, by year.

Table 4: Verified Participation

#	Program	Unit of Measure	CDM Program Participation (#)					
			2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework								
1	Appliance Retirement Initiative	Appliances	14,733					
2	Bi-Annual Retailer Event Initiative	Measures	3,178,024					
3	Coupon Initiative	Measures	2,075,200					
4	HVAC Incentives Initiative	Equipment	102,154					
5	Residential New Construction and Major Renovation Initiative	Homes	4,012					
6	Energy Audit Initiative	Audits	356					
7	Efficiency: Equipment Replacement Incentive Initiative	Projects	12,547					
8	Direct Install Lighting and Water Heating Initiative	Projects	18,643					
9	New Construction and Major Renovation Initiative	Buildings	168					
10	Existing Building Commissioning Incentive Initiative	Buildings	11					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Projects	12					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Projects	424					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Audits	2					
14	Low Income Initiative	Homes	15,494					
15	Aboriginal Conservation Program	Homes	1,586					
16	Program Enabled Savings	Projects	14					
Conservation Fund								
17	EnerNOC Pilot	Projects	12					
18	Loblaws P4P Pilot	Projects	18					
19	SEG Pilot	Projects	10					
20	Social Benchmarking Pilot	Participants	150,258					
2015 - 2020 Conservation First Framework								
21	Save on Energy Coupon Program	Measures	1,207,533					
22	Save on Energy Heating and Cooling Program	Equipment	20,235					
23	Save on Energy Home Assistance Program	Homes	1,032					
24	Save on Energy Audit Funding Program	Audits	2					
25	Save on Energy Retrofit Program	Projects	811					

2.03 – CDM PROGRAM SAVINGS – NET VERIFIED 2020 ANNUAL ENERGY SAVINGS AT THE END-USER LEVEL

Table 5 provides the contribution towards meeting the 2020 Annual Energy Savings Target for each program in market, by framework, by year.

Table 5: Net Verified 2020 Annual Energy Savings at the End-User Level

#	Program	Net Verified 2020 Annual Energy Savings at the End-User Level (kWh)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	0					
2	Bi-Annual Retailer Event Initiative	72,999,617					
3	Coupon Initiative	49,828,856					
4	HVAC Incentives Initiative	45,965,427					
5	Residential New Construction and Major Renovation Initiative	6,305,281					
6	Energy Audit Initiative	0					
7	Efficiency: Equipment Replacement Incentive Initiative	648,322,776					
8	Direct Install Lighting and Water Heating Initiative	32,305,094					
9	New Construction and Major Renovation Initiative	21,792,687					
10	Existing Building Commissioning Incentive Initiative	0					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	122,704,030					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	25,183,067					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0					
14	Low Income Initiative	11,746,825					
15	Aboriginal Conservation Program	3,243,409					
16	Program Enabled Savings	7,275,075					
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		1,047,672,144					
Conservation Fund							
17	EnerNOC Pilot	0					
18	Loblaws P4P Pilot	8,311,388					
19	SEG Pilot	0					
20	Social Benchmarking Pilot	0					
Sub Total: Conservation Fund		8,311,388					
2015 - 2020 Conservation First Framework							
21	Save on Energy Coupon Program	31,200,969					
22	Save on Energy Heating and Cooling Program	10,181,961					
23	Save on Energy Home Assistance Program	975,736					
24	Save on Energy Audit Funding Program	0					
25	Save on Energy Retrofit Program	19,147,625					
Sub Total: 2015 - 2020 Conservation First Framework		61,506,291					
Total		1,117,489,826					

2.04 – CDM PROGRAM SAVINGS – NET VERIFIED INCREMENTAL FIRST YEAR ENERGY SAVINGS AT THE END-USER LEVEL

Table 6 provides the incremental first year energy savings for each program in market, by framework, by year.

Table 6: Net Verified Incremental First Year Energy Savings at the End-User Level

#	Program	Net Verified Incremental First Year Energy Savings at the End-User Level (kWh)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	6,231,034					
2	Bi-Annual Retailer Event Initiative	74,495,781					
3	Coupon Initiative	50,267,679					
4	HVAC Incentives Initiative	45,965,427					
5	Residential New Construction and Major Renovation Initiative	6,305,281					
6	Energy Audit Initiative	26,333,804					
7	Efficiency: Equipment Replacement Incentive Initiative	653,480,201					
8	Direct Install Lighting and Water Heating Initiative	50,394,978					
9	New Construction and Major Renovation Initiative	22,022,383					
10	Existing Building Commissioning Incentive Initiative	947,849					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	122,704,030					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	35,834,323					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	1,369,000					
14	Low Income Initiative	14,906,764					
15	Aboriginal Conservation Program	3,627,223					
16	Program Enabled Savings	16,255,915					
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		1,131,141,672					
Conservation Fund							
17	EnerNOC Pilot	328,828					
18	Loblaws P4P Pilot	8,311,388					
19	SEG Pilot	11,772,874					
20	Social Benchmarking Pilot	17,391,939					
Sub Total: Conservation Fund		37,805,029					
2015 - 2020 Conservation First Framework							
21	Save on Energy Coupon Program	31,459,586					
22	Save on Energy Heating and Cooling Program	10,181,961					
23	Save on Energy Home Assistance Program	1,145,792					
24	Save on Energy Audit Funding Program	162,592					
25	Save on Energy Retrofit Program	19,243,297					
Sub Total: 2015 - 2020 Conservation First Framework		62,193,228					
Total		1,231,139,929					

2.05 – CDM PROGRAM SAVINGS – NET VERIFIED INCREMENTAL FIRST YEAR PEAK DEMAND SAVINGS AT THE END-USER LEVEL

Table 7 provides the incremental first year peak demand savings for each program in market, by framework, by year.

Table 7: Net Verified Incremental First Year Peak Demand Savings at the End-User Level

#	Program	Net Verified Incremental First Year Peak Demand Savings at the End-User Level (kW)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	1,027					
2	Bi-Annual Retailer Event Initiative	5,100					
3	Coupon Initiative	3,285					
4	HVAC Incentives Initiative	24,035					
5	Residential New Construction and Major Renovation Initiative	1,113					
6	Energy Audit Initiative	5,614					
7	Efficiency: Equipment Replacement Incentive Initiative	93,596					
8	Direct Install Lighting and Water Heating Initiative	11,893					
9	New Construction and Major Renovation Initiative	5,222					
10	Existing Building Commissioning Incentive Initiative	437					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	13,649					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	7,590					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0					
14	Low Income Initiative	2,225					
15	Aboriginal Conservation Program	625					
16	Program Enabled Savings	1,145					
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		176,556					
Conservation Fund							
17	EnerNOC Pilot	0					
18	Loblaws P4P Pilot	724					
19	SEG Pilot	1,055					
20	Social Benchmarking Pilot	1,649					
Sub Total: Conservation Fund		3,428					
2015 - 2020 Conservation First Framework							
21	Save on Energy Coupon Program	2,025					
22	Save on Energy Heating and Cooling Program	5,322					
23	Save on Energy Home Assistance Program	213					
24	Save on Energy Audit Funding Program	35					
25	Save on Energy Retrofit Program	2,828					
Sub Total: 2015 - 2020 Conservation First Framework		10,423					
Total		190,407					

2.06 – CDM PROGRAM SAVINGS – NET VERIFIED ANNUAL ENERGY SAVINGS AT THE END-USER LEVEL

Table 8 provides the annually persisting energy savings for each program in market, by framework.

Table 8: Net Verified Annual Energy Savings at the End-User Level

#	Program	Net Verified Annual Energy Savings at the End-User Level (kWh)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	6,231,034	6,231,034	6,231,034	6,175,906	3,753,124	0
2	Bi-Annual Retailer Event Initiative	74,495,781	72,999,617	72,999,617	72,999,617	72,999,617	72,999,617
3	Coupon Initiative	50,267,679	49,828,856	49,828,856	49,828,856	49,828,856	49,828,856
4	HVAC Incentives Initiative	45,965,427	45,965,427	45,965,427	45,965,427	45,965,427	45,965,427
5	Residential New Construction and Major Renovation Initiative	6,305,281	6,305,281	6,305,281	6,305,281	6,305,281	6,305,281
6	Energy Audit Initiative	26,333,804	26,333,804	26,333,804	26,333,804	0	0
7	Efficiency: Equipment Replacement Incentive Initiative	653,480,201	653,480,201	649,488,705	649,044,165	649,044,165	648,322,776
8	Direct Install Lighting and Water Heating Initiative	50,394,978	44,372,845	32,403,388	32,305,094	32,305,094	32,305,094
9	New Construction and Major Renovation Initiative	22,022,383	22,022,383	21,803,839	21,803,839	21,792,687	21,792,687
10	Existing Building Commissioning Incentive Initiative	947,849	947,849	947,849	0	0	0
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	122,704,030	122,704,030	122,704,030	122,704,030	122,704,030	122,704,030
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	35,834,323	29,839,419	25,637,011	25,615,603	25,352,262	25,183,067
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	1,369,000	0	0	0	0	0
14	Low Income Initiative	14,906,764	12,591,796	12,202,967	11,823,381	11,746,825	11,746,825
15	Aboriginal Conservation Program	3,627,223	3,335,277	3,289,343	3,243,409	3,243,409	3,243,409
16	Program Enabled Savings	16,255,915	16,255,915	16,020,675	16,020,675	16,020,675	7,275,075
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		1,131,141,672	1,113,213,734	1,092,161,826	1,090,169,087	1,061,061,452	1,047,672,144
Conservation Fund							
17	EnerNOC Pilot	328,828	0	0	0	0	0
18	Loblaws P4P Pilot	8,311,388	8,311,388	8,311,388	8,311,388	8,311,388	8,311,388
19	SEG Pilot	11,772,874	0	0	0	0	0
20	Social Benchmarking Pilot	17,391,939	0	0	0	0	0
Sub Total: Conservation Fund		37,805,029	8,311,388	8,311,388	8,311,388	8,311,388	8,311,388
2015 - 2020 Conservation First Framework							
21	Save on Energy Coupon Program	31,459,587	31,200,969	31,200,969	31,200,969	31,200,969	31,200,969
22	Save on Energy Heating and Cooling Program	10,181,961	10,181,961	10,181,961	10,181,961	10,181,961	10,181,961
23	Save on Energy Home Assistance Program	1,145,792	1,023,422	1,000,567	977,712	975,736	975,736
24	Save on Energy Audit Funding Program	162,592	162,592	162,592	162,592	0	0
25	Save on Energy Retrofit Program	19,243,297	19,243,297	19,148,137	19,148,137	19,148,137	19,147,625
Sub Total: 2015 - 2020 Conservation First Framework		62,193,229	61,812,241	61,694,226	61,671,371	61,506,803	61,506,291
Total		1,231,139,929	1,183,337,365	1,162,167,440	1,160,151,847	1,130,879,645	1,117,489,826

2.07 – CDM PROGRAM SAVINGS – NET VERIFIED ANNUAL PEAK DEMAND SAVINGS AT THE END-USER LEVEL

Table 9 provides the annually persisting peak demand savings for each program in market, by framework.

Table 9: Net Verified Annual Peak Demand Savings at the End-User Level

#	Program	Net Verified Annual Demand Savings at the End-User Level (kW)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	1,027	1,027	1,027	965	552	0
2	Bi-Annual Retailer Event Initiative	5,100	5,006	5,006	5,006	5,006	5,006
3	Coupon Initiative	3,285	3,257	3,257	3,257	3,257	3,257
4	HVAC Incentives Initiative	24,035	24,035	24,035	24,035	24,035	24,035
5	Residential New Construction and Major Renovation Initiative	1,113	1,113	1,113	1,113	1,113	1,113
6	Energy Audit Initiative	5,614	5,614	5,614	5,614	0	0
7	Efficiency: Equipment Replacement Incentive Initiative	93,596	93,596	92,356	92,226	92,226	92,012
8	Direct Install Lighting and Water Heating Initiative	11,893	10,536	7,454	7,432	7,432	7,432
9	New Construction and Major Renovation Initiative	5,222	5,222	5,190	5,190	5,188	5,188
10	Existing Building Commissioning Incentive Initiative	437	437	437	0	0	0
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	13,649	13,649	13,649	13,649	13,649	13,649
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	7,590	6,320	5,472	5,467	5,420	5,371
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0	0	0	0	0	0
14	Low Income Initiative	2,225	2,105	2,085	2,066	2,064	2,064
15	Aboriginal Conservation Program	625	610	607	605	605	605
16	Program Enabled Savings	1,145	1,145	1,119	1,119	1,119	142
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		176,556	173,672	168,421	167,744	161,666	159,874
Conservation Fund							
17	EnerNOC Pilot	0	0	0	0	0	0
18	Loblaws P4P Pilot	724	724	724	724	724	724
19	SEG Pilot	1,055	0	0	0	0	0
20	Social Benchmarking Pilot	1,649	0	0	0	0	0
Sub Total: Conservation Fund		3,428	724	724	724	724	724
2015 - 2020 Conservation First Framework							
21	Save on Energy Coupon Program	2,025	2,008	2,008	2,008	2,008	2,008
22	Save on Energy Heating and Cooling Program	5,322	5,322	5,322	5,322	5,322	5,322
23	Save on Energy Home Assistance Program	213	206	205	204	204	204
24	Save on Energy Audit Funding Program	35	35	35	35	0	0
25	Save on Energy Retrofit Program	2,828	2,828	2,798	2,798	2,798	2,798
Sub Total: 2015 - 2020 Conservation First Framework		10,423	10,399	10,368	10,367	10,332	10,332
Total		190,407	184,797	179,514	178,835	172,723	170,931

2.08 – CDM PROGRAM SPENDING – PARTICIPANT INCENTIVES

Table 10 provides the participant incentive spending for each program in market, by framework, by year.

Table 10: Participant Incentive Spending

#	Program	Participant Incentive Spending (\$)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	1,415,363					
2	Bi-Annual Retailer Event Initiative	13,336,646					
3	Coupon Initiative	11,673,668					
4	HVAC Incentives Initiative	46,234,767					
5	Residential New Construction and Major Renovation Initiative	1,676,592					
6	Energy Audit Initiative	3,618,843					
7	Efficiency: Equipment Replacement Incentive Initiative	88,999,088					
8	Direct Install Lighting and Water Heating Initiative	29,248,929					
9	New Construction and Major Renovation Initiative	10,282,582					
10	Existing Building Commissioning Incentive Initiative	625,464					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	56,214,368					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	5,158,632					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	304,500					
14	Low Income Initiative	16,065,537					
15	Aboriginal Conservation Program	5,778,058					
16	Other 2011 - 2014 + 2015 Extension Legacy Framework Initiatives	16,265,851					
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		306,898,888					
Conservation Fund							
17	EnerNOC Pilot	0					
18	Loblaws P4P Pilot	501,133					
19	SEG Pilot	0					
20	Social Benchmarking Pilot	0					
21	Other Conservation Fund Pilots	0					
Sub Total: Conservation Fund		501,133					
2015 - 2020 Conservation First Framework							
22	Save on Energy Coupon Program	3,845,994					
23	Save on Energy Heating and Cooling Program	6,213,250					
24	Save on Energy New Construction Program	0					
25	Save on Energy Home Assistance Program	753,158					
26	Save on Energy Audit Funding Program	6,420					
27	Save on Energy Retrofit Program	2,662,418					
28	Save on Energy High Performance New Construction Program	0					
29	Save on Energy Process & Systems Upgrades Program	16,893					
30	Save on Energy Energy Manager Program	0					
31	Save on Energy Monitoring & Targeting Program	0					
Sub Total: 2015 - 2020 Conservation First Framework		13,498,133					
2015 - 2020 Conservation First Framework IESO Central Services		0					
Total		320,898,154					

2.09 – CDM PROGRAM SPENDING – PROGRAM ADMINISTRATION

Table 11 provides the program administration spending, including IESO Value Added Services as applicable, for each program in market, by framework, by year, as well as IESO Central Services.

Table 11: Program Administration Spending

#	Program	Program Administration Spending (\$)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	1,373,366					
2	Bi-Annual Retailer Event Initiative	5,069,642					
3	Coupon Initiative	3,106,876					
4	HVAC Incentives Initiative	5,493,705					
5	Residential New Construction and Major Renovation Initiative	1,271,753					
6	Energy Audit Initiative	2,037,629					
7	Efficiency: Equipment Replacement Incentive Initiative	26,009,978					
8	Direct Install Lighting and Water Heating Initiative	10,337,570					
9	New Construction and Major Renovation Initiative	3,498,880					
10	Existing Building Commissioning Incentive Initiative	716,749					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	12,269,255					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	4,323,680					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	376,234					
14	Low Income Initiative	5,012,080					
15	Aboriginal Conservation Program	1,601,184					
16	Other 2011 - 2014 + 2015 Extension Legacy Framework Initiatives	10,417,627					
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		92,916,208					
Conservation Fund							
17	EnerNOC Pilot	214,802					
18	Loblaws P4P Pilot	60,000					
19	SEG Pilot	153,044					
20	Social Benchmarking Pilot	1,007,425					
21	Other Conservation Fund Pilots	4,850,560					
Sub Total: Conservation Fund		6,285,831					
2015 - 2020 Conservation First Framework							
22	Save on Energy Coupon Program	1,577,289					
23	Save on Energy Heating and Cooling Program	466,132					
24	Save on Energy New Construction Program	16,829					
25	Save on Energy Home Assistance Program	149,262					
26	Save on Energy Audit Funding Program	167,592					
27	Save on Energy Retrofit Program	5,895,425					
28	Save on Energy High Performance New Construction Program	148,817					
29	Save on Energy Process & Systems Upgrades Program	341,070					
30	Save on Energy Energy Manager Program	156,835					
31	Save on Energy Monitoring & Targeting Program	9,180					
Sub Total: 2015 - 2020 Conservation First Framework		8,928,431					
2015 - 2020 Conservation First Framework IESO Central Services		3,064,160					
Total		111,194,630					

2.10 – CDM PROGRAM SPENDING – PROGRAM TOTAL

Table 12 provides the total spending for each program in market, by framework, by year. Table 12 - total spending equals the sum table 10 - participant incentive spending and table 11 - program administration spending.

Table 12: Program Total Spending

#	Program	Program Total Spending (\$)					
		2015	2016	2017	2018	2019	2020
2011 - 2014 + 2015 Extension Legacy Framework							
1	Appliance Retirement Initiative	2,788,729					
2	Bi-Annual Retailer Event Initiative	18,406,288					
3	Coupon Initiative	14,780,544					
4	HVAC Incentives Initiative	51,728,472					
5	Residential New Construction and Major Renovation Initiative	2,948,345					
6	Energy Audit Initiative	5,656,472					
7	Efficiency: Equipment Replacement Incentive Initiative	115,009,066					
8	Direct Install Lighting and Water Heating Initiative	39,586,499					
9	New Construction and Major Renovation Initiative	13,781,462					
10	Existing Building Commissioning Incentive Initiative	1,342,213					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	68,483,623					
12	Process and Systems Upgrades Initiatives - Energy Manager Initiative	9,482,312					
13	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	680,734					
14	Low Income Initiative	21,077,617					
15	Aboriginal Conservation Program	7,379,242					
16	Other 2011 - 2014 + 2015 Extension Legacy Framework Initiatives	26,683,478					
Sub Total: 2011 - 2014 + 2015 Extension Legacy Framework		399,815,096					
Conservation Fund							
17	EnerNOC Pilot	214,802					
18	Loblaws P4P Pilot	561,133					
19	SEG Pilot	153,044					
20	Social Benchmarking Pilot	1,007,425					
21	Other Conservation Fund Pilots	4,850,560					
Sub Total: Conservation Fund		6,786,964					
2015 - 2020 Conservation First Framework							
22	Save on Energy Coupon Program	5,423,283					
23	Save on Energy Heating and Cooling Program	6,679,382					
24	Save on Energy New Construction Program	16,829					
25	Save on Energy Home Assistance Program	902,420					
26	Save on Energy Audit Funding Program	174,012					
27	Save on Energy Retrofit Program	8,557,843					
28	Save on Energy High Performance New Construction Program	148,817					
29	Save on Energy Process & Systems Upgrades Program	357,963					
30	Save on Energy Energy Manager Program	156,835					
31	Save on Energy Monitoring & Targeting Program	9,180					
Sub Total: 2015 - 2020 Conservation First Framework		22,426,564					
2015 - 2020 Conservation First Framework IESO Central Services		3,064,160					
Total		432,092,784					

2.11 – LDC RESULTS - PROGRESS TOWARDS 2015 - 2020 CFF LDC CDM PLAN ALLOCATED TARGET

Table 13 provides each LDC's allocated CFF CDM Plan Target and their achievement as of the end of 2015.

Table 13: LDC Results - Progress Towards 2015 - 2020 CFF LDC CDM Plan Allocated Target

#	LDC	Net Verified 2020 Annual Energy Savings (kWh)	Allocated 2015 - 2020 CFF LDC CDM Plan Target (kWh)	Progress Towards Allocated 2015 - 2020 CFF LDC CDM Plan Target (%)
1	Algoma Power Inc.	1,031,011	7,510,000	14
2	Atikokan Hydro Inc.	109,769	1,140,000	10
3	Attawapiskat Power Corporation	35,822	510,000	7
4	Bluewater Power Distribution Corporation	7,755,327	62,370,000	12
5	Brant County Power Inc.	1,810,109	15,950,000	11
6	Brantford Power Inc.	7,457,011	54,320,000	14
7	Burlington Hydro Inc.	12,632,309	99,040,000	13
8	Cambridge and North Dumfries Hydro Inc.	15,435,132	85,000,000	18
9	Canadian Niagara Power Inc.	3,502,396	28,480,000	12
10	Centre Wellington Hydro Ltd.	1,581,029	8,730,000	18
11	Chapleau Public Utilities Corporation	275,333	1,050,000	26
12	COLLUS PowerStream Corp.	1,637,947	16,860,000	10
13	Cooperative Hydro Embrun Inc.	120,443	1,790,000	7
14	E.L.K. Energy Inc.	1,662,553	16,200,000	10
15	Enersource Hydro Mississauga Inc.	59,582,917	483,270,000	12
16	Entegrus Powerlines Inc.	38,558,192	56,830,000	68
17	EnWin Utilities Ltd.	14,809,440	151,300,000	10
18	Erie Thames Powerlines Corporation	5,180,177	27,630,000	19
19	Espanola Regional Hydro Distribution Corporation	502,006	2,410,000	21
20	Essex Powerlines Corporation	3,819,710	31,430,000	12
21	Festival Hydro Inc.	4,822,853	34,650,000	14
22	Fort Albany Power Corporation	29,906	340,000	9
23	Fort Frances Power Corporation	254,688	4,000,000	6
24	Greater Sudbury Hydro Inc.	6,959,582	34,740,000	20
25	Grimsby Power Incorporated	2,804,724	10,850,000	26
26	Guelph Hydro Electric Systems Inc.	58,594,547	99,040,000	59
27	Haldimand County Hydro Inc.	8,342,090	19,850,000	42
28	Halton Hills Hydro Inc.	5,500,566	30,940,000	18
29	Hearst Power Distribution Company Limited	1,510,384	3,180,000	47
30	Horizon Utilities Corporation	70,835,688	330,680,000	21
31	Hydro 2000 Inc.	80,683	1,360,000	6
32	Hydro Hawkesbury Inc.	1,162,440	7,920,000	15
33	Hydro One Brampton Networks Inc.	29,578,103	255,160,000	12

34	Hydro One Networks Inc.	200,176,997	1,159,020,000	17
35	Hydro Ottawa Limited	57,247,836	394,540,000	15
36	InnPower Corporation	1,850,172	13,010,000	14
37	Kashechewan Power Corporation	40,200	520,000	8
38	Kenora Hydro Electric Corporation Ltd.	1,606,080	5,270,000	30
39	Kingston Hydro Corporation	4,445,966	34,500,000	13
40	Kitchener-Wilmot Hydro Inc.	21,865,242	105,710,000	21
41	Lakefront Utilities Inc.	2,239,136	12,170,000	18
42	Lakeland Power Distribution Ltd.	4,432,710	15,770,000	28
43	London Hydro Inc.	28,534,591	196,660,000	15
44	Midland Power Utility Corporation	2,860,953	10,830,000	26
45	Milton Hydro Distribution Inc.	9,889,501	45,360,000	22
46	Newmarket-Tay Power Distribution Ltd.	8,218,024	36,240,000	23
47	Niagara Peninsula Energy Inc.	12,742,252	74,440,000	17
48	Niagara-on-the-Lake Hydro Inc.	2,598,018	11,680,000	22
49	Norfolk Power Distribution Inc.	7,655,950	18,850,000	41
50	North Bay Hydro Distribution Limited	4,245,690	20,260,000	21
51	Northern Ontario Wires Inc.	509,731	4,310,000	12
52	Oakville Hydro Electricity Distribution Inc.	21,252,248	92,390,000	23
53	Orangeville Hydro Limited	3,398,117	14,150,000	24
54	Orillia Power Distribution Corporation	1,662,040	16,580,000	10
55	Oshawa PUC Networks Inc.	5,046,074	73,010,000	7
56	Ottawa River Power Corporation	2,779,858	8,720,000	32
57	Peterborough Distribution Incorporated	4,979,980	37,880,000	13
58	PowerStream Inc.	76,511,169	535,440,000	14
59	PUC Distribution Inc.	4,538,096	26,410,000	17
60	Renfrew Hydro Inc.	351,383	4,170,000	8
61	Rideau St. Lawrence Distribution Inc.	1,353,836	5,020,000	27
62	Sioux Lookout Hydro Inc.	537,110	3,700,000	15
63	St. Thomas Energy Inc.	2,146,544	17,510,000	12
64	Thunder Bay Hydro Electricity Distribution Inc.	5,286,985	48,420,000	11
65	Tillsonburg Hydro Inc.	1,886,420	11,310,000	17
66	Toronto Hydro-Electric System Limited	197,146,346	1,576,050,000	13
67	Veridian Connections Inc.	16,332,332	152,970,000	11
68	Wasaga Distribution Inc.	2,385,191	6,320,000	38
69	Waterloo North Hydro Inc.	12,799,897	82,380,000	16
70	Welland Hydro-Electric System Corp.	1,729,306	25,500,000	7
71	Wellington North Power Inc.	709,927	5,890,000	12
72	West Coast Huron Energy Inc.	438,855	8,080,000	5
73	Westario Power Inc.	4,282,957	23,010,000	19
74	Whitby Hydro Electric Corporation	6,210,809	58,440,000	11
75	Woodstock Hydro Services Inc.	4,312,063	22,970,000	19
Total		1,117,489,826	7,000,000,000	16

2.12 – LDC SPENDING - PROGRESS TOWARDS 2015 - 2020 CFF LDC CDM PLAN ALLOCATED BUDGET

Table 14 provides each LDC's allocated CFF CDM Plan Budget and their spending as of the end of 2015.

Table 14: LDC Spending - Progress Towards 2015 - 2020 CFF LDC CDM Plan Allocated Budget

#	LDC	2015 - 2020 CFF LDC CDM Plan Budget - 2015 Spending (\$)	Allocated 2015 - 2020 CFF LDC CDM Plan Budget (\$)	Progress Towards Allocated 2015 - 2020 CFF LDC CDM Plan Budget (%)
1	Algoma Power Inc.	39,320	2,107,963	2
2	Atikokan Hydro Inc.	0	311,330	0
3	Attawapiskat Power Corporation	0	148,832	0
4	Bluewater Power Distribution Corporation	5,119	15,838,687	0
5	Brant County Power Inc.	0	4,109,140	0
6	Brantford Power Inc.	0	14,048,458	0
7	Burlington Hydro Inc.	118,667	25,825,521	0
8	Cambridge and North Dumfries Hydro Inc.	0	21,763,931	0
9	Canadian Niagara Power Inc.	162,334	7,355,555	2
10	Centre Wellington Hydro Ltd.	0	2,252,724	0
11	Chapleau Public Utilities Corporation	0	298,764	0
12	COLLUS PowerStream Corp.	157,689	4,446,841	4
13	Cooperative Hydro Embrun Inc.	0	525,743	0
14	E.L.K. Energy Inc.	0	4,273,057	0
15	Enersource Hydro Mississauga Inc.	0	122,499,403	0
16	Entegrus Powerlines Inc.	374,365	14,695,867	3
17	EnWin Utilities Ltd.	0	38,421,929	0
18	Erie Thames Powerlines Corporation	23,149	7,104,954	0
19	Espanola Regional Hydro Distribution Corporation	5,306	685,489	1
20	Essex Powerlines Corporation	176,840	8,532,573	2
21	Festival Hydro Inc.	0	8,768,149	0
22	Fort Albany Power Corporation	0	98,990	0
23	Fort Frances Power Corporation	0	1,109,758	0
24	Greater Sudbury Hydro Inc.	112,497	9,672,498	1
25	Grimsby Power Incorporated	0	2,894,613	0
26	Guelph Hydro Electric Systems Inc.	278,441	24,920,625	1
27	Haldimand County Hydro Inc.	0	5,410,280	0
28	Halton Hills Hydro Inc.	0	8,387,497	0
29	Hearst Power Distribution Company Limited	0	843,903	0
30	Horizon Utilities Corporation	2,679,921	84,830,304	3
31	Hydro 2000 Inc.	0	394,750	0
32	Hydro Hawkesbury Inc.	0	2,139,160	0
33	Hydro One Brampton Networks Inc.	363,847	66,798,531	1

34	Hydro One Networks Inc.	1,742,284	321,989,874	1
35	Hydro Ottawa Limited	389,296	105,242,155	0
36	InnPower Corporation	0	3,680,241	0
37	Kashechewan Power Corporation	0	155,966	0
38	Kenora Hydro Electric Corporation Ltd.	0	1,407,448	0
39	Kingston Hydro Corporation	0	8,674,286	0
40	Kitchener-Wilmot Hydro Inc.	0	27,710,719	0
41	Lakefront Utilities Inc.	0	3,077,834	0
42	Lakeland Power Distribution Ltd.	0	4,142,391	0
43	London Hydro Inc.	1,611,279	51,192,690	3
44	Midland Power Utility Corporation	0	2,739,690	0
45	Milton Hydro Distribution Inc.	0	11,911,927	0
46	Newmarket-Tay Power Distribution Ltd.	51,311	9,649,555	1
47	Niagara Peninsula Energy Inc.	0	19,056,865	0
48	Niagara-on-the-Lake Hydro Inc.	0	2,993,633	0
49	Norfolk Power Distribution Inc.	0	5,056,939	0
50	North Bay Hydro Distribution Limited	27,296	5,545,424	0
51	Northern Ontario Wires Inc.	6,212	1,174,934	1
52	Oakville Hydro Electricity Distribution Inc.	0	24,575,982	0
53	Orangeville Hydro Limited	0	3,705,603	0
54	Orillia Power Distribution Corporation	0	4,318,856	0
55	Oshawa PUC Networks Inc.	0	19,963,922	0
56	Ottawa River Power Corporation	0	2,282,373	0
57	Peterborough Distribution Incorporated	0	9,781,455	0
58	PowerStream Inc.	5,019,130	140,696,240	4
59	PUC Distribution Inc.	58,515	7,440,107	1
60	Renfrew Hydro Inc.	8,025	1,070,574	1
61	Rideau St. Lawrence Distribution Inc.	0	1,306,239	0
62	Sioux Lookout Hydro Inc.	0	1,016,095	0
63	St. Thomas Energy Inc.	25,415	4,643,532	1
64	Thunder Bay Hydro Electricity Distribution Inc.	485,575	12,927,445	4
65	Tillsonburg Hydro Inc.	122,716	2,881,461	4
66	Toronto Hydro-Electric System Limited	7,855,850	400,296,506	2
67	Veridian Connections Inc.	275,672	40,482,340	1
68	Wasaga Distribution Inc.	0	1,814,647	0
69	Waterloo North Hydro Inc.	0	21,192,868	0
70	Welland Hydro-Electric System Corp.	163,173	6,584,437	2
71	Wellington North Power Inc.	0	1,493,412	0
72	West Coast Huron Energy Inc.	0	2,012,404	0
73	Westario Power Inc.	0	6,101,269	0
74	Whitby Hydro Electric Corporation	50,281	15,860,460	0
75	Woodstock Hydro Services Inc.	0	5,898,316	0
Total		22,426,566	1,835,264,933	1

2.13 – LDC RESULTS - PROGRESS TOWARDS 2015 - 2020 CFF LDC CDM PLAN 2015 FORECAST

Table 15 provides each LDC's 2015 incremental first year energy savings result and the comparison versus their approved (as of May 16, 2016) CDM Plan forecast for 2015.

Table 15: LDC Results - Progress Towards 2015 - 2020 CFF LDC CDM Plan 2015 Forecast*

#	LDC	Net Verified 2015 Incremental First Year Energy Savings (kWh)	2015 - 2020 CFF LDC CDM Plan Forecasted Net 2015 Incremental First Year Energy Savings (kWh) ¹¹	Progress Towards 2015 - 2020 CFF LDC CDM Plan Forecasted Net 2015 Incremental First Year Energy Savings (%)
1	Algoma Power Inc.	1,213,743	969,613	125
2	Atikokan Hydro Inc.	127,218	303,376	42
3	Attawapiskat Power Corporation	36,357	201,898	18
4	Bluewater Power Distribution Corporation	7,982,442	5,485,534	146
5	Brant County Power Inc.	1,867,487	1,163,758	160
6	Brantford Power Inc.	7,539,724	7,402,101	102
7	Burlington Hydro Inc.	13,025,279	8,222,987	158
8	Cambridge and North Dumfries Hydro Inc.	16,375,377	56,066,149	29
9	Canadian Niagara Power Inc.	4,113,419	6,572,744	63
10	Centre Wellington Hydro Ltd.	1,720,705	1,351,928	127
11	Chapleau Public Utilities Corporation	276,536	373,214	74
12	COLLUS PowerStream Corp.	1,717,484	1,838,168	93
13	Cooperative Hydro Embrun Inc.	122,514	223,513	55
14	E.L.K. Energy Inc.	1,797,040	1,365,686	132
15	Enersource Hydro Mississauga Inc.	73,151,007	18,558,549	394
16	Entegrus Powerlines Inc.	39,338,049	28,775,427	137
17	EnWin Utilities Ltd.	15,570,830	18,558,549	84
18	Erie Thames Powerlines Corporation	5,870,203	3,099,290	189
19	Espanola Regional Hydro Distribution Corporation	506,240	200,950	252
20	Essex Powerlines Corporation	12,809,927	2,662,378	481
21	Festival Hydro Inc.	5,801,196	2,882,625	201
22	Fort Albany Power Corporation	30,353	265,323	11
23	Fort Frances Power Corporation	268,669	110,976	242
24	Greater Sudbury Hydro Inc.	7,711,008	2,900,529	266
25	Grimsby Power Incorporated	2,928,876	1,799,966	163
26	Guelph Hydro Electric Systems Inc.	59,045,687	56,693,732	104
27	Haldimand County Hydro Inc.	8,399,961	2,207,288	381

¹¹ forecast as of LDC submitted CDM Plan as of May 13, 2016

28	Halton Hills Hydro Inc.	5,825,361	3,137,727	186
29	Hearst Power Distribution Company Limited	1,736,022	664,123	261
30	Horizon Utilities Corporation	77,117,180	65,920,791	117
31	Hydro 2000 Inc.	86,873	126,611	69
32	Hydro Hawkesbury Inc.	1,271,383	661,781	192
33	Hydro One Brampton Networks Inc.	33,457,941	26,330,839	127
34	Hydro One Networks Inc.	229,733,480	184,782,602	124
35	Hydro Ottawa Limited	64,388,384	67,160,460	96
36	InnPower Corporation	1,887,886	1,570,181	120
37	Kashechewan Power Corporation	40,801	201,898	20
38	Kenora Hydro Electric Corporation Ltd.	1,666,365	1,051,511	158
39	Kingston Hydro Corporation	4,544,320	2,840,527	160
40	Kitchener-Wilmot Hydro Inc.	22,256,208	10,126,094	220
41	Lakefront Utilities Inc.	2,299,172	1,960,064	117
42	Lakeland Power Distribution Ltd.	4,911,455	2,973,915	165
43	London Hydro Inc.	31,995,332	29,914,709	107
44	Midland Power Utility Corporation	3,107,776	1,630,434	191
45	Milton Hydro Distribution Inc.	10,301,578	4,477,327	230
46	Newmarket-Tay Power Distribution Ltd.	8,835,805	3,025,767	292
47	Niagara Peninsula Energy Inc.	14,244,984	8,360,140	170
48	Niagara-on-the-Lake Hydro Inc.	3,000,225	2,214,925	135
49	Norfolk Power Distribution Inc. ¹²	7,694,945	0	0
50	North Bay Hydro Distribution Limited	5,202,453	1,691,558	308
51	Northern Ontario Wires Inc.	567,894	359,853	158
52	Oakville Hydro Electricity Distribution Inc.	21,586,785	15,729,058	137
53	Orangeville Hydro Limited	3,550,196	1,770,662	201
54	Orillia Power Distribution Corporation	1,935,501	1,606,830	120
55	Oshawa PUC Networks Inc.	5,178,465	16,018,745	32
56	Ottawa River Power Corporation	2,871,630	1,704,512	168
57	Peterborough Distribution Incorporated	5,329,093	5,588,656	95
58	PowerStream Inc.	79,472,950	91,075,367	87
59	PUC Distribution Inc.	4,650,286	2,205,036	211
60	Renfrew Hydro Inc.	378,435	498,210	76
61	Rideau St. Lawrence Distribution Inc.	1,433,295	1,066,089	134
62	Sioux Lookout Hydro Inc.	579,767	438,116	132
63	St. Thomas Energy Inc.	2,404,765	1,461,953	164
64	Thunder Bay Hydro Electricity Distribution Inc.	5,770,496	18,270,075	32
65	Tillsonburg Hydro Inc.	1,925,035	752,003	256
66	Toronto Hydro-Electric System Limited	212,727,724	202,381,346	105
67	Veridian Connections Inc.	20,406,977	15,201,742	134
68	Wasaga Distribution Inc.	2,417,523	1,306,844	185
69	Waterloo North Hydro Inc.	13,730,449	8,016,962	171
70	Welland Hydro-Electric System Corp.	1,899,912	4,736,307	40
71	Wellington North Power Inc.	738,139	1,040,828	71

¹² Norfolk Power Distribution Inc. forecast was amalgamated into Hydro One Networks Inc.'s CDM Plan Forecast as of May 16, 2016 resulting in a zero value.

72	West Coast Huron Energy Inc.	535,205	922,776	58
73	Westario Power Inc.	4,645,622	3,593,451	129
74	Whitby Hydro Electric Corporation	6,543,937	4,852,812	135
75	Woodstock Hydro Services Inc.	4,628,242	1,914,376	242
Total		1,231,139,929	1,053,592,847	117

2.14 – LDC SPENDING - PROGRESS TOWARDS 2015 - 2020 CFF LDC CDM PLAN 2015 FORECAST

Table 16 provides each LDC's 2015 LDC CDM Plan budget spending and the comparison versus their approved (as of May 16, 2016) CDM Plan forecast for 2015.

Table 16: LDC Spending - Progress Towards 2015 - 2020 CFF LDC CDM Plan 2015 Forecast*

#	LDC	2015 - 2020 CFF LDC CDM Plan Budget - 2015 Spending (\$)	2015 - 2020 CFF LDC CDM Plan Forecasted 2015 Spending (\$) ¹³	Progress Towards 2015 - 2020 CFF LDC CDM Plan Forecasted 2015 Spending (%)
1	Algoma Power Inc.	39,320	54,660	72
2	Atikokan Hydro Inc.	0	4	0
3	Attawapiskat Power Corporation	0	605,840	0
4	Bluewater Power Distribution Corporation	5,119	160,322	3
5	Brant County Power Inc.	0	0	0
6	Brantford Power Inc.	0	29,000	0
7	Burlington Hydro Inc.	118,667	978,376	12
8	Cambridge and North Dumfries Hydro Inc.	0	0	0
9	Canadian Niagara Power Inc.	162,334	53,543	303
10	Centre Wellington Hydro Ltd.	0	0	0
11	Chapleau Public Utilities Corporation	0	0	0
12	COLLUS PowerStream Corp.	157,689	190,013	83
13	Cooperative Hydro Embrun Inc.	0	0	0
14	E.L.K. Energy Inc.	0	0	0
15	Enersource Hydro Mississauga Inc.	0	0	0
16	Entegrus Powerlines Inc.	374,365	600,540	62
17	EnWin Utilities Ltd.	0	0	0
18	Erie Thames Powerlines Corporation	23,149	172,240	13
19	Espanola Regional Hydro Distribution Corporation	5,306	5,111	104
20	Essex Powerlines Corporation	176,840	313,035	56
21	Festival Hydro Inc.	0	0	0
22	Fort Albany Power Corporation	0	605,840	0
23	Fort Frances Power Corporation	0	14	0
24	Greater Sudbury Hydro Inc.	112,497	73,472	153
25	Grimsby Power Incorporated	0	0	0

¹³ forecast as of LDC submitted CDM Plan as of May 13, 2016

26	Guelph Hydro Electric Systems Inc.	278,441	290,249	96
27	Haldimand County Hydro Inc.	0	36,900	0
28	Halton Hills Hydro Inc.	0	148,602	0
29	Hearst Power Distribution Company Limited	0	0	0
30	Horizon Utilities Corporation	2,679,921	2,525,471	106
31	Hydro 2000 Inc.	0	0	0
32	Hydro Hawkesbury Inc.	0	0	0
33	Hydro One Brampton Networks Inc.	363,847	132,922	274
34	Hydro One Networks Inc.	1,742,284	10,226,440	17
35	Hydro Ottawa Limited	389,296	1,372,250	28
36	InnPower Corporation	0	0	0
37	Kashechewan Power Corporation	0	605,840	0
38	Kenora Hydro Electric Corporation Ltd.	0	15	0
39	Kingston Hydro Corporation	0	0	0
40	Kitchener-Wilmot Hydro Inc.	0	0	0
41	Lakefront Utilities Inc.	0	0	0
42	Lakeland Power Distribution Ltd.	0	0	0
43	London Hydro Inc.	1,611,279	1,473,000	109
44	Midland Power Utility Corporation	0	0	0
45	Milton Hydro Distribution Inc.	0	154,013	0
46	Newmarket-Tay Power Distribution Ltd.	51,311	76,056	67
47	Niagara Peninsula Energy Inc.	0	134,445	0
48	Niagara-on-the-Lake Hydro Inc.	0	0	0
49	Norfolk Power Distribution Inc. ¹⁴	0	0	0
50	North Bay Hydro Distribution Limited	27,296	42,721	64
51	Northern Ontario Wires Inc.	6,212	9,082	68
52	Oakville Hydro Electricity Distribution Inc.	0	0	0
53	Orangeville Hydro Limited	0	0	0
54	Orillia Power Distribution Corporation	0	59,219	0
55	Oshawa PUC Networks Inc.	0	0	0
56	Ottawa River Power Corporation	0	0	0
57	Peterborough Distribution Incorporated	0	0	0
58	PowerStream Inc.	5,019,130	5,743,501	87
59	PUC Distribution Inc.	58,515	55,971	105
60	Renfrew Hydro Inc.	8,025	10,194	79
61	Rideau St. Lawrence Distribution Inc.	0	0	0
62	Sioux Lookout Hydro Inc.	0	0	0
63	St. Thomas Energy Inc.	25,415	36,723	69
64	Thunder Bay Hydro Electricity Distribution Inc.	485,575	883,306	55
65	Tillsonburg Hydro Inc.	122,716	40,935	300
66	Toronto Hydro-Electric System Limited	7,855,850	5,201,502	151
67	Veridian Connections Inc.	275,672	936,126	29
68	Wasaga Distribution Inc.	0	0	0
69	Waterloo North Hydro Inc.	0	0	0

¹⁴ Norfolk Power Distribution Inc. forecast was amalgamated into Hydro One Networks Inc.'s CDM Plan Forecast as of May 16, 2016 resulting in a zero value.

70	Welland Hydro-Electric System Corp.	163,173	175,914	93
71	Wellington North Power Inc.	0	0	0
72	West Coast Huron Energy Inc.	0	0	0
73	Westario Power Inc.	0	2	0
74	Whitby Hydro Electric Corporation	50,281	282,568	18
75	Woodstock Hydro Services Inc.	0	0	0
Total		22,389,526	34,495,978	65

Appendix A – Program Descriptions

1.0 – RESIDENTIAL PROGRAM

1.1 – Save on Energy Coupon Program

Table 17: Save on Energy Coupon Program Description

#	Metric	Value
1	Framework	Offered under both Legacy Framework and CFF.
2	Target Customer Type(s)	Residential Customers
3	Objective	This program, for the annual coupon booklet stream, encourages households to purchase energy efficient products by offering discounts and for the bi-annual retailer event stream, provides instant point of purchase discounts to individuals at participating retailers for a variety of energy efficient products.
4	Description	This program, for the annual coupon booklet stream, provides customers with year round coupons that offer instant rebates towards the purchase of a variety of low cost, easy to install energy efficient measures and can be redeemed at participating retailers. Booklets were directly mailed to customers and were also available at point-of-purchase. Downloadable coupons were also available at www.saveoneenergy.ca . The bi-annual retailer event stream provides, twice a year (spring and fall), participating retailers host month-long rebate events. During the months of April and October, customers are encouraged to visit participating retailers where they can find coupons redeemable for instant rebates towards a variety of low cost, easy to install energy efficient measures.
5	Targeted End Uses	ENERGY STAR® qualified standard compact fluorescent lights (CFLs), ENERGY STAR® qualified light fixtures, lighting control products, weather-stripping, hot water pipe wrap, electric water heater blanket, heavy duty plug-in timers, advanced power bars, clothesline, baseboard programmable thermostats
6	Delivery	For the annual coupon booklet stream, the IESO develops the electronic version of the coupons and posts them online for download. Three LDC specific coupons were made available for local marketing and utilization by LDCs. The IESO enters into agreements with retailers to honour the coupons. For the bi-annual retailer event stream, the IESO enters into arrangements with participating retailers to promote the discounted products, and to post and honour related coupons. LDCs also refer retailers to the OPA and market this program locally.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Residential-Coupon-Program/Rule-SOE-Coupon%20Program-20151218.pdf https://www.saveonenergy.ca/Consumer/Programs/Instant-Rebates.aspx

8	Evaluation Findings	<ol style="list-style-type: none"> 1) Annual coupon booklet stream <ol style="list-style-type: none"> a) Customers redeemed over twice as many annual coupons in 2015 compared to 2014. b) 51% of annual coupons redeemed were for ES general purpose LEDs. Another 41% of annual coupons redeemed were for ES specialty LEDs. c) Gross incremental energy savings 104% greater in 2015 compared to 2014. d) Net incremental energy savings 94% greater in 2015 compared to 2014. 2) Bi-annual retailer event stream <ol style="list-style-type: none"> a) Customers redeemed 18% fewer bi-annual coupons in 2015 compared to 2014. b) 48% of bi-annual coupons redeemed were for ES general purpose LEDs. Another 36% of Bi-annual coupons redeemed were for ES specialty LEDs. c) Gross incremental energy savings 20% lower in 2015 compared to 2014. d) Net incremental energy savings 25% lower in 2015 compared to 2014.
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1.2 – Save on Energy Heating & Cooling Program

Table18: Save on Energy Heating & Cooling Program Description

#	Metric	Value
1	Framework	Offered under both Legacy Framework and CFF.
2	Target Customer Type(s)	Residential Customers
3	Objective	This program encourages the replacement of existing heating systems with high efficiency furnaces equipped with electronically commutated motors (ECM), and to replace existing central air conditioners with ENERGY STAR® qualified systems and products.
4	Description	This program provides rebates for the replacement of old heating or cooling systems with high efficiency furnaces (equipped with ECM) and ENERGY STAR® qualified central air conditioners by approved Heating, Refrigeration, and Air Conditioning Institute (HRAI) qualified contractors.
5	Targeted End Uses	Central air conditioners and furnaces
6	Delivery	IESO contracts centrally for delivery of the program. LDCs provide local marketing and encourage local contractors to participate in the Program.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Residential-Heating-and-Cooling-Program/Rules-SOE-Residential-Heating-and-Cooling-Program-10312014.pdf https://www.saveonenergy.ca/Consumer/Programs/HVAC-Rebates.aspx

8	Evaluation Findings	<ol style="list-style-type: none"> 1) Overall HVAC participation decreased 10% from 2014 to 102,154 measures. 2) Furnaces with ECM participation fell 13% from 2014 to 61,107 participants. 3) SEER 15.0 CAC participation increased 2% from 2015 to 34,786 participants. 4) The per unit energy and demand savings increased 16% for Furnace with ECM measures due to slight increases in the number of participants switching from electric to non-electric furnaces with ECMs. These fuel switching participants realize significantly more electric energy savings. The per unit demand savings for Furnace with ECM measures showed a corresponding increase of 18%. 5) The per unit energy and demand savings values for CACs did not change from the 2014 evaluation.
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1.3 – Save on Energy New Construction Program

Table 19: Save on Energy New Construction Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only.
2	Target Customer Type(s)	New Home Builders
3	Objective	This program provides incentives to participants for the purpose of promoting the construction of energy efficient residential homes in the Province of Ontario.
4	Description	<p>This program provides incentives to homebuilders for construction of new homes that are efficient, smart, and integrated (applicable to new single family dwellings). Incentives are provided in two key categories as follows:</p> <ol style="list-style-type: none"> 1) Incentives for installation of electricity efficiency measures as determined by a prescriptive list or via a custom option. 2) Incentives for homebuilders who meet or exceed aggressive efficiency standards using the EnerGuide performance rating system.
5	Targeted End Uses	All off switch, ECM motors, ENERGY STAR® qualified central air conditioners, lighting control products, lighting fixtures, EnerGuide 83 whole home and Energuide 85 whole homes
6	Delivery	Local engagement of builders will be the responsibility of the LDC and will be supported by IESO air coverage driving builders to their LDC for additional information.
7	Additional Details	<p>http://www.ieso.ca/Documents/conservation/Rules/SOE-Residential-New-Construction-Program/Rules-SOE-Residential-New-Construction-Program-10312014.pdf</p> <p>https://www.saveonenergy.ca/Consumer/Programs/New-Residential-Construction.aspx</p>

8	Evaluation Findings	<p>ENERGY STAR New Homes in the second year of its implementation was the most popular performance measure implemented and highest contributor to overall RNC portfolio savings:</p> <ol style="list-style-type: none"> 1) ENERGY STAR New Homes provided 65% of demand savings and 47% of energy savings; 2) Prescriptive lighting measures were the most popular measure implemented, representing 62% of all RNC projects; 3) Combined, all prescriptive lighting measures provided the second highest savings in the RNC portfolio at 17% of demand savings and 45% of energy savings; 4) Demand realization rates for performance projects increased due to a revised approach to estimating the percentage of energy savings occurring during the peak period. The revised approach applied a greater weight to HVAC and resulted in increased demand savings. A seasonal energy savings percentage is applied to major end use categories. In 2014 this method relied too greatly on lighting and other uses that are not peak-period dependent. For 2015, we recalculated the energy savings percentage by end use with a greater weight to HVAC loads that are peak-period dependent; 5) Demand realization rates for prescriptive projects decreased primarily due to lower realization rate for demand savings on dimmer switches. The MAL for dimmer switches states that peak savings will only occur if a timer is used in conjunction with this measure by reducing the amount of usage during peak hours. Although we are not provided information on how the timers may be programmed at any particular project site, we only allowed peak savings for sites that also installed a timer;
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1.4 – Save on Energy Home Assistance Program

Table 20: Save on Energy Home Assistance Program Description

#	Metric	Value
1	Framework	Offered under both Legacy Framework and CFF.
2	Target Customer Type(s)	Income Qualified Residential Customers
3	Objective	This Program offers free installation of energy efficiency measures to income qualified households for the purpose of achieving electricity and peak demand savings
4	Description	This is a turnkey program for income qualified customers. It offers residents the opportunity to take advantage of free installation of energy efficient measures that improve the comfort of their home, increase efficiency, and help them save money. All eligible customers receive a Basic and Extended Measures Audit, while customers with electric heat also receive a Weatherization Audit. The Program is designed to coordinate efforts with gas utilities.
5	Targeted End Uses	End uses based on results of audit.

6	Delivery	LDC delivered.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Low-Income-Home-Assistance-Program/Rule-SOE-Home-Assistance-Program-20160311.pdf https://www.saveonenergy.ca/Consumer/Programs/Home-Assistance-Program.aspx
8	Evaluation Findings	<ol style="list-style-type: none"> 1) Overall HAP participation decreased from 25,712 in 2014 to 16,526 in 2015 (including both CFF and 2015 legacy extension projects). LDC Participation decreased from 66 LDCs in 2014 to 61 LDCs in 2015; 2) Realization rates were higher for both kWh and kW in 2015 (0.88 for kWh and 0.96 for kW) than in 2014 (0.78 for kWh and 0.49 for kW). Differences in realization rates are primarily due to updates made by the evaluation team to deemed saving values, and researched installation verification and persistence factors (ISRs). Realization rates are generally higher than in prior years - especially for demand savings - because fewer LDCs continue to use the older version of the FAST, which over-estimated demand savings from attic and basement insulation; 3) Similar to 2013 and 2014, realization rates varied significantly by LDC due to varying measure mix. In 2015, many projects had no energy or demand savings with measures in the tracking database. Opinion Dynamics filled in ex ante savings for these measures/projects using 2014 deemed savings values from FAST for non-Wx measures. For Wx measures, average per unit values were used for those measures missing associated savings; 4) The average per project savings in 2015 (1,015 kWh and 0.165 kW) were higher than those in 2014 (766 kWh and 0.096 kW). Much of this increase appears to be due to increases in Wx measures by a small number of LDCs; 5) The NTG ratio is set to 1.0; therefore, verified gross and net savings are equal; 6) 2015 participation specific to the CFF included 1,032 projects by 5 LDCs. 2015 net incremental savings from CFF projects were 1,145,792 kWh and 213 kW. Realization rates for kWh and kW were 0.94 and 0.97, respectively;

2.0 – BUSINESS PROGRAM

2.1 – Save on Energy Audit Funding Program

Table 21: Save on Energy Audit Funding Program Description

#	Metric	Value
1	Framework	Offered under both Legacy Framework and CFF.
2	Target Customer Type(s)	Commercial, Institutional, Agricultural and Industrial Customers
3	Objective	This program offers incentives to owners and lessees of commercial, institutional, multi-family buildings and agricultural facilities for the purpose of undertaking assessments to identify all possible opportunities to reduce electricity demand and consumption within their buildings or premises.
4	Description	This program provides participants incentives for the completion of energy audits of electricity consuming equipment located in the facility. Energy audits include development of energy baselines, use assessments and performance monitoring and reporting.
5	Targeted End Uses	All.
6	Delivery	LDC delivered.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Audit-Funding-Program-Rules/Rules-SOE-Audit-Funding.pdf https://www.saveonenergy.ca/Business/Program-Overviews/Audit-Funding.aspx
8	Evaluation Findings	1) Annual savings estimates were based on a total 2011-2015 of 94 sample projects, 16 projects of which were sampled from the 2015 population; 2) Per audit savings estimates decreased slightly from 2014 estimates to 83MWh; 3) Net to gross ratios were estimated at the regional level and values ranged from 98% to 86%;

2.2 – Save on Energy Retrofit Program

Table 22: Save on Energy Retrofit Program Description

#	Metric	Value
1	Framework	Offered under both Legacy Framework and CFF.
2	Target Customer Type(s)	Commercial, Institutional, Agricultural and Industrial Customers
3	Objective	The objective of this program is to offer incentives to non-residential distribution customers to achieve reductions in electricity demand and consumption by upgrading to more energy efficient equipment for lighting, space cooling, ventilation and other measures.
4	Description	This program offers financial incentives to customers for the upgrade of existing equipment to energy efficient equipment. Upgrade projects can be classified into either: 1) prescriptive projects where prescribed measures replace associated required base case equipment; 2) engineered projects where energy and demand savings and incentives are calculated for associated measures; or 3) custom projects for other energy efficiency upgrades
5	Targeted End Uses	lighting, space cooling, ventilation and other measures.
6	Delivery	LDC delivered.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Retrofit-Program/Retrofit%20_Program_Rule_20160620.pdf https://www.saveonenergy.ca/Business/Program-Overviews/Retrofit-for-Commercial.aspx

<p>8 Evaluation Findings</p>	<ol style="list-style-type: none"> 1) Participation <ol style="list-style-type: none"> a) Project count increased 17% to 12,771 b) Lighting project count increased 29% (primarily from prescriptive and engineered tracks) c) Non-lighting project count decreased 16% 2) Energy <ol style="list-style-type: none"> a) Reported energy savings increased 32% to 862,843 MWh b) Verified energy savings increased 33% to 857,222 MWh c) Energy Net-to-Gross ratio increased from 72% to 83% d) Net energy savings increased 53% to 709,470 MWh 3) Demand <ol style="list-style-type: none"> a) Reported summer demand increased 16% to 137.4 MW b) Verified summer demand increased 16% to 123.2 MW c) Demand Net-to-Gross ratio increased from 67% to 77% d) Net energy savings increased 34% to 95.1 MW 4) Track Level Findings <ol style="list-style-type: none"> a) Prescriptive Lighting net energy savings increased 65% to 185,312 MWh. Top measure include: <ol style="list-style-type: none"> i) LED, 139,414 MWh (up from 28,329) ii) High Bay, 30,563 MWh (closest sub-category from 2014 is Fluorescent at 67,094 MWh) iii) Interior, 29,470 MWh (closest sub-category from 2014 is Fluorescent at 67,094 MWh) iv) Controls, 459 MWh (down from 5,825) b) Prescriptive Non-lighting net energy savings increased 87% to 6,040 MWh. Top measures include: <ol style="list-style-type: none"> i) VSD, 4,000 MWh (up from 1,628) ii) Irrigation, 190 MWh (uncategorized in 2014) iii) Unitary AC, 353 MWh (up from 345) iv) HVLS Fans, 366 MWh (down from 736) c) Engineered Lighting net energy savings increased 55% to 268,071 MWh. Top measures include: <ol style="list-style-type: none"> i) LED, 209,712 MWh (no comparisons to 2014 due to shift measure sub-category) ii) Interior, 74,733 MWh iii) High Bay, 17,186 MWh iv) Controls, 3,406 MWh d) Engineered Non-lighting net energy savings increased 45% to 13,603 MWh. Top measures include: <ol style="list-style-type: none"> i) VSD on Pumps, 8,651 MWh (up from 5,887) ii) VSD on Fans, 3,737 MWh (up from 1,988) iii) Unitary AC, 1,031 MWh (down from 1,242) iv) Compressed Air, 183 MWh (down from 270)
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2.3 – Save on Energy Small Business Lighting Program

Table 23: Save on Energy Small Business Lighting Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only. Redesigned in 2016 for CFF to increase participant eligibility.
2	Target Customer Type(s)	Small Commercial, Institutional, Agricultural facilities and multi-family buildings
3	Objective	This program offers a free installation of eligible lighting and water heating measures of up to \$1,000 to eligible owners and tenants of commercial, institutional and agricultural facilities and multi-family buildings, for the purpose of achieving electricity savings and peak demand savings.
4	Description	This program targets customers in the General Service <50kW account category and offers turnkey lighting and electric hot water heater measures with a value up to \$1,500 at no cost to qualifying small businesses. In addition, standard prescriptive incentives are available for eligible equipment beyond the initial \$1,500 limit.
5	Targeted End Uses	Lighting and electric water heating measures
6	Delivery	Participants can enroll directly with the LDC, or would be contacted by the LDC/LDC-designated representative.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Small-Business-Lighting-Program/SOE-Small-Business-Lighting-Program-Rules-20160307.pdf https://www.saveonenergy.ca/Business/Program-Overviews/Small-Business-Lighting-and-AC.aspx
8	Evaluation Findings	<ol style="list-style-type: none"> 1) SBL realization rates for the 2015 evaluation were 75% for energy savings and 62% for demand savings. These are lower than the 2014 realization rates and are consistent with the decreasing trend in realization rates seen over the past several evaluations; 2) The 2015 population includes 80,596 projects. This is consistent with the 2011-2014 annual totals; 3) Net to gross ratios were estimated for 13 different strata and the results range from 81% to 97%; 4) LED measures made up 61% of the total measures count and 60% of the 2015 reported energy savings. This continues the trend seen in the 2014 evaluation that LED are now the dominant SBL measure; 5) CFL measures accounted for less than third of one percent of the SBL reported savings;

2.4 – Save on Energy High Performance New Construction Program

Table24: Save on Energy High Performance New Construction Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only.
2	Target Customer Type(s)	Commercial, Institutional, Agricultural and Industrial Customers
3	Objective	The program encourages builders/major renovators of commercial, institutional, and industrial buildings (including multi-family buildings and agricultural facilities) to reduce electricity demand and/or consumption by designing and building new buildings with more energy-efficient equipment and systems for lighting, space cooling, ventilation and other Measures.
4	Description	The program provides incentives for new buildings to exceed existing codes and standards for energy efficiency. The initiative uses both a prescriptive and custom approach.
5	Targeted End Uses	New building construction, building modeling, building envelope, lighting, space cooling, ventilation and other Measures
6	Delivery	LDC delivers to customers and design decision makers.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-High-Performance-New-Construction-Program/Program_Rules_High_Performance_New_Construction_20160518.pdf https://www.saveonenergy.ca/Business/Program-Overviews/New-Construction.aspx
8	Evaluation Findings	<ol style="list-style-type: none"> 1) The custom track provided the greatest net kW and kWh savings for the HPNC Initiative (62 percent and 73 percent respectively). The prescriptive track contributed 14 percent and 13 percent respectively, and the engineered track contributed 8 percent and 11 percent; 2) Unidentified projects accounted for 17 percent of net kW savings and 13 percent of net kWh savings; 3) Within the prescriptive and engineered tracks, lighting, HVAC controls, HVLS fans, and ENERGY STAR appliances provided the greatest contribution to kW savings. Lighting and ENERGY STAR appliances contributed most to kWh savings; 4) The contribution of HVLS fans has decreased each year since 2011; 5) CFLs are considered to be a baseline technology in the prescriptive track. No prescriptive savings were awarded for prescriptive measures; 6) No demand savings were awarded for exterior lighting projects; 7) For engineered workbooks, operating schedules were capped at 8760 hours; 8) Energy and demand realization rates for custom and unidentified projects were capped at 100% where applicable;

2.5 – Save on Energy Existing Building Commissioning Program

Table 25: Save on Energy Existing Building Commissioning Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only.
2	Target Customer Type(s)	Commercial, Institutional, and Agricultural Customers
3	Objective	The objective of this Initiative is to offer incentives for optimizing (but not replacing) existing chilled water systems for space cooling in non-residential facilities for the purpose of achieving implementation phase energy savings, implementation phase demand savings, or both.
4	Description	This Initiative offers Participants incentives for the following: 1) scoping study phase 2) investigation phase 3) implementation phase 4) hand off/completion phase
5	Targeted End Uses	Chilled water systems for space cooling
6	Delivery	LDC delivered.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Existing-Building-Commissioning-Program/Rules-SOE-Existing-Building-Commissioning-10312014.pdf https://www.saveonenergy.ca/Business/Program-Overviews/Existing-Building-Commissioning.aspx
8	Evaluation Findings	1) Three 2014 projects and eleven 2015 projects are included in this year's evaluation; 2) Nine project level analyses were completed; 3) Demand savings in the hand off stage reports were more consistently estimated using the summer peak definition than demand savings in the 2014 evaluation. This resulted in the demand realization rate changing from 191% to 137%; 4) Since the population and sample only consist of 11 and 9 projects, respectively, it was not possible to estimate regional NTG values. The energy and demand NTG values of 94.8% and 92.1% indicate a low level of free ridership;

2.6 – Save on Energy Process & Systems Upgrades Program

Table 26: Save on Energy Process & Systems Upgrades Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only.
2	Target Customer Type(s)	Industrial, Commercial, Institutional and Agricultural Customers
3	Objective	<p>This program:</p> <ol style="list-style-type: none"> 1) offers distribution customers capital incentives and enabling initiatives to assist with the implementation of large projects and project portfolios; 2) implements system optimization projects which are intrinsically complex and capital intensive; and 3) increases the capability of distribution customers to implement energy management and system optimization projects.
4	Description	<p>This program includes three Initiatives:</p> <ol style="list-style-type: none"> 1) preliminary engineering study; 2) detailed engineering study; and 3) project incentive Initiative). <p>The incentives are available to large distribution connected customers with projects or portfolio projects that are expected to generate at least 350 MWh of annualized electricity savings or, in the case of Micro-Projects, 100 MWh of annualized electricity savings. The capital incentive for this Initiative is the lowest of:</p> <ol style="list-style-type: none"> a) \$200/MWh of annualized electricity savings b) 70% of projects costs c) c) A one year pay-back
5	Targeted End Uses	Process and systems
6	Delivery	LDC delivered.
7	Additional Details	<p>http://www.ieso.ca/Documents/conservation/Rules/SOE-Process-and-Systems-Upgrades-Program/Rule_saveONenergy_PSUP_v1.1_20160608.pdf</p> <p>https://www.saveonenergy.ca/Business/Program-Overviews/Process-and-System-Upgrades.aspx</p>

8	Evaluation Findings	<ol style="list-style-type: none"> 1) Total of 12 projects, including 4 behind-the-meter generation (BMG) projects; 2) Gross peak demand savings of 17.026 MW (12.321 MW from BMG); 3) Gross energy savings of 152.701 GWh (111.686 MW from BMG); 4) Realization rates vary from 0.18 to 1.15 for peak demand savings, with an overall value of 0.94; 5) Realization rates vary from 0.46 to 1.22 for energy savings, with an overall value of 1.00; 6) A moderate overall level of free-ridership of 20% was calculated for both peak demand and energy savings. It was established at 22% for BMG projects and at 13% for all other projects; 7) Spillover was identified for one participant (1%), resulting in an overall spillover level of 0%;
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2.7 – Save on Energy Energy Manager Program

Table 27: Save on Energy Energy Manager Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only.
2	Target Customer Type(s)	Industrial, Commercial, Institutional and Agricultural Customers
3	Objective	The program provides customers and LDCs the opportunity to access funding for the engagement of energy managers in order to deliver a minimum annual savings target.
4	Description	This program provides customers the opportunity to access funding to engage an on-site, full time embedded energy manager, or an off-site roving energy manager who is engaged by the LDC. The role of the energy manager is to take control of the facility's energy use by monitoring performance, leading awareness programs, and identifying opportunities for energy consumption improvement, and spearheading projects. Participants are funded 80% of the embedded energy manager's salary up to \$100,000 plus 80% of the energy manager's actual reasonable expenses incurred up to \$8,000 per year. Each embedded energy manager has a target of 300 kW/year of energy savings from one or more facilities. LDCs receive funding of up to \$120,000 for a Roving Energy Manager plus \$8,000 for expenses.
5	Targeted End Uses	Process and systems
6	Delivery	LDC delivered.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Energy-Manager-Program/Rules-SOE-Energy-Manager-20151130.pdf https://www.saveonenergy.ca/Business/Program-Overviews/Energy-Managers.aspx

<p>8 Evaluation Findings</p>	<ol style="list-style-type: none"> 1) A total of 424 measures, including 405 EEM measures and 19 REM measures; 2) Total gross peak demand savings of 9.370 MW and gross energy savings of 47.779 GWh; 3) Included in the total gross savings are four fuel-switch projects that should not have been eligible as per the 2015-2020 Conservation First Framework rules. However they were accepted because of the gradual transition to the new framework. These four projects represent respectively 1.220 MW and 4.076 GWh in gross peak demand and energy savings; 4) Measures that have been subjected to a technical review (from CLEAResult) have a realization rate of 0.95 for peak demand savings and 1.30 for energy savings; 5) Measures that have not been reviewed by CLEAResults have a realization rate of 0.92 for peak demand savings and 1.15 for energy savings; 6) The lower realization rate for non-reviewed peak demand savings can be associated to a misunderstanding of the peak demand savings definition (EMs had often submitted the non-peak demand savings value); 7) Many non-reviewed measures have seen their energy savings increased because of adjustments to the hours of operations and omission of interactive effects, which often resulted in positive adjustments; 8) The scope of the measures was, in general, fairly small with 72% of measures with energy savings below 50,000 kWh. However, a few measures were quite big, with 9 measures generating more than 1 GWh and the biggest generating 3.329 GWh; 9) Adjustments to both incremental costs and EUL were applied to the values presented in the reporting template. The adjustment to the incremental cost is greater for reviewed measures (116%) than for non-reviewed measures (94%). The adjustment to the EUL is 92% for reviewed measures and 83% for non-reviewed measures. 12% of the sampled measures were behavioural measures that were actually identified as being equipment replacement. This lead to significant adjustments to EUL (which were adjusted down to 1 year); 10) Free-ridership levels are of 25% for energy savings and 19% for peak demand savings;
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2.8 – Save on Energy Monitoring & Targeting Program

Table 28: Save on Energy Monitoring & Targeting Program Description

#	Metric	Value
1	Framework	Program results achieved in 2015 year under Legacy Framework only.
2	Target Customer Type(s)	Industrial, Commercial, Institutional and Agricultural Customers
3	Objective	This program offers access to funding for the installation of Monitoring and Targeting systems in order to deliver a minimum savings target at the end of 24 months and sustained for the term of the M&T Agreement.
4	Description	This program offers customers funding for the installation of a Monitoring and Targeting system to help them understand how their energy consumption might be reduced. A facility energy manager, who regularly oversees energy usage, will now be able to use historical energy consumption performance to analyze and set targets.
5	Targeted End Uses	Process and systems
6	Delivery	LDC delivered.
7	Additional Details	http://www.ieso.ca/Documents/conservation/Rules/SOE-Monitoring-and-Targeting-Program/Rules-SOE-Monitoring-and-Targeting-Program-10312014.pdf https://www.saveonenergy.ca/Business/Program-Overviews/Process-and-System-Upgrades/Monitoring-and-Targeting.aspx
8	Evaluation Findings	1) A total of 1,369 MWh of energy savings achieved, and no peak demand savings; 2) Low but constant level of participation (2 projects in 2014 and in 2015); 3) No adjustments were made to energy savings (realization rate of 100%), but the reported peak demand savings values was corrected to 0 kW for the project that did claim peak demand savings; 4) Free-ridership measured to be nil and as a result the NTGR is of 1.00;

Appendix B – Reporting Glossary

“2011-2014+2015 Extension Legacy Framework Programs” means 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.

“2015-2020 Conservation First Framework Programs” means 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.

“Allocated Target” means each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.

“Allocated Budget” means each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.

“Province-Wide Program” means programs available to all LDCs to deliver and that are consistent across the province.

“Regional Program” means programs designed by LDCs to serve their region and approved by the IESO.

“Local Program” means programs designed by LDCs to serve their communities and approved by the IESO.

“Pilot Program” means a program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget.

“Initiative” means a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.

“Program” means a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework.

“Activity” means the number of projects.

“Unit” means for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

“Forecast” means LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools.

“Actual” means the IESO determined final results of activity, savings, expenditures and cost effectiveness.

“Progress” means a comparison of Actuals versus Forecasts.

“Full Cost Recovery Progress” means for a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement.

“Reported Savings” means savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs; calculated using prescribed methodologies.

“Verified Savings” means savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate.

“Gross Savings” means savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams.

“Net Savings” means the peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc.

“Realization Rate” means a comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

“Net-to-Gross Adjustment” means the ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover.

“Free-ridership” means the percentage of participants who would have implemented the program measure or practice in the absence of the program.

“Spillover” means 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.

“Incremental Savings” means the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

“First Year Savings” means the peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity).

“Annual Savings” means 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).

“Demand Savings” means demand savings attributable to conservation and demand management activities.

“Energy Savings” means energy savings attributable to conservation and demand management activities.

“Administrative Expenses” means costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services.

“Participant Incentives” means costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.

“Total Expenditure” means the sum of Administrative Expenses and Participant Incentives

“End-User Level” means resource savings in this report are measured at the customer level as opposed to the generator level (the difference being transmission and distribution losses).

Appendix C – CFF LDC CDM Plan Status (Approved as of December 31, 2015)

#	CDM Plan Type	LDCs	CDM Plan Version #	Submission Date	Approval Date
1	Single	Bluewater Power Distribution Corporation	1	7/24/2015	8/7/2015
2	Single	Brantford Power Inc.	2	11/19/2015	12/18/2015
3	Single	Burlington Hydro Inc.	1	5/28/2015	6/16/2015
4	Single	E.L.K. Energy Inc.	1	8/26/2015	8/28/2015
5	Single	Entegrus Powerlines Inc.	1	5/28/2015	6/25/2015
6	Single	EnWin Utilities Ltd.	1	7/9/2015	7/16/2015
7	Single	Essex Powerlines Corporation	2	7/7/2015	8/7/2015
8	Single	Festival Hydro Inc.	2	11/11/2015	11/24/2015
9	Single	Guelph Hydro Electric Systems Inc.	1	8/12/2015	8/21/2015
10	Single	Haldimand County Hydro Inc.	2	11/15/2015	12/18/2015
11	Single	Hydro One Networks Inc.	3	12/10/2015	12/21/2015
12	Single	InnPower Corporation	1	6/23/2015	7/27/2015
13	Single	Kingston Hydro Corporation	1	8/10/2015	9/14/2015
14	Single	Kitchener-Wilmot Hydro Inc.	1	7/28/2015	8/7/2015
15	Single	Lakefront Utilities Inc.	1	7/15/2015	8/7/2015
16	Single	Niagara Peninsula Energy Inc.	1	6/9/2015	7/15/2015
17	Single	Niagara-on-the-Lake Hydro Inc.	1	6/1/2015	6/16/2015
18	Single	Orillia Power Distribution Corporation	2	11/9/2015	11/27/2015
19	Single	Oshawa PUC Networks Inc.	1	6/1/2015	6/25/2015
20	Single	Peterborough Distribution Incorporated	1	8/26/2015	8/28/2015
21	Single	Waterloo North Hydro Inc.	1	8/15/2015	8/21/2015
22	Single	Welland Hydro-Electric System Corp.	1	9/8/2015	9/14/2015
23	Single	Wellington North Power Inc.	1	6/30/2015	7/2/2015
24	Single	West Coast Huron Energy Inc.	1	7/30/2015	8/17/2015
25	Single	Westario Power Inc.	2	11/30/2015	12/18/2015
26	Single	Woodstock Hydro Services Inc.	1	6/25/2015	7/2/2015
27	Joint	Algoma Power Inc. Canadian Niagara Power Inc.	2	12/14/2015	12/21/2015
28	Joint	Atikokan Hydro Inc. Fort Frances Power Corporation Kenora Hydro Electric Corporation Ltd. Sioux Lookout Hydro Inc. Thunder Bay Hydro Electricity Distribution Inc.	2	12/15/2015	12/18/2015

29	Joint	Attawapiskat Power Corporation Fort Albany Power Corporation Kashechewan Power Corporation	2	12/7/2015	n/a ¹⁵
30	Joint	Brant County Power Inc. Cambridge and North Dumfries Hydro Inc.	1	8/17/2015	8/21/2015
31	Joint	Centre Wellington Hydro Ltd. Lakeland Power Distribution Ltd. Midland Power Utility Corporation Orangeville Hydro Limited Ottawa River Power Corporation Rideau St. Lawrence Distribution Inc. Wasaga Distribution Inc.	2	12/15/2015	12/18/2015
32	Joint	Chapleau Public Utilities Corporation Hearst Power Distribution Company Limited Grimsby Power Incorporated	2	6/1/2015	6/8/2015
33	Joint	COLLUS PowerStream Corp. PowerStream Inc.	2	12/16/2015	12/21/2015
34	Joint	Cooperative Hydro Embrun Inc. Hydro 2000 Inc. Hydro Hawkesbury Inc.	1	8/14/2015	8/17/2015
35	Joint	Enersource Hydro Mississauga Inc. Hydro One Brampton Networks Inc.	1	10/7/2015	10/9/2015
36	Joint	Erie Thames Powerlines Corporation Horizon Utilities Corporation	1	5/12/2015	5/29/2015
37	Joint	Espanola Regional Hydro Distribution Corporation Greater Sudbury Hydro Inc. Newmarket-Tay Power Distribution Ltd. North Bay Hydro Distribution Limited Northern Ontario Wires Inc. PUC Distribution Inc. St. Thomas Energy Inc.	1	7/13/2015	7/17/2015
38	Joint	Halton Hills Hydro Inc. Milton Hydro Distribution Inc.	1	5/21/2015	6/8/2015
39	Joint	Hydro Ottawa Limited Renfrew Hydro Inc.	2	11/5/2015	12/4/2015
40	Joint	London Hydro Inc. Tillsonburg Hydro Inc.	2	11/10/2015	11/24/2015
41	Joint	Oakville Hydro Electricity Distribution Inc. Toronto Hydro-Electric System Limited	1	6/11/2015	6/12/2015
42	Joint	Veridian Connections Inc. Whitby Hydro Electric Corporation	2	11/19/15	11/27/2015

¹⁵ Attawapiskat Power Corporation, Fort Albany Power Corporation and Kashechewan Power Corporation's CDM Plan was approved June 15, 2016.