

Cornerstone Hydro Electric Concepts Association Inc.

CHEC-RP-2004-0203/EB-2004-0502

Conservation and Demand Management 2008 Annual Report

1.0 Introduction:

This 2008 Annual Report summarizes the activity and successes of the Cornerstone Hydro Electric Concepts (CHEC) Group with respect to conservation and demand management initiative undertaken as part of the third tranche funding. Included in this document are the sixteen (16) individual reports from the Local Distribution Companies (LDCs) that formed the CHEC Group.

Consistent with CHEC members' cooperative effort to seek approval of their CDM plans as a combined group, the Annual Report reflects their commitment to work together to provide cost effective programs and to share and learn from each other's experience. At the end of 2007 seven LDCs had exhausted their third tranche funding and continued to support the conservation effort by participating in the OPA programs. The remaining nine LDCs delivered third tranche funded projects in 2008.

The individual reports for the LDCs that delivered third tranche funding in 2008 provides to the reader a better understanding of the activity of each utility while this summary report provides an overview of the impact of the combined effort.

The additional Appendix D requested from the Ontario Energy Board (OEB) required each LDC, including those which completed their programs in previous years, to file a report. To ensure that the 2008 report reflects the full programs the reports for all LDCs contain the minimum of the following documents:

- Appendix A provided for 2008 or last year of plan delivery if completed prior to 2008
- Appendix C which lists the names of programs delivered over the life of the plan
- Appendix D the summary of all years of the plan and which breaks out "Low Income"
- Appendix B for each project – where a project was completed in prior years the Appendix has been reduced to control the number of pages.

Within the 9 LDCs with fund remaining for 2008, there were a total of 25 initiatives worked on in 2008. This volume of programs in 2008 reflects the completion of the plan by many of the LDCs and the reduced amount of funds for investment in the year.

On the population of 25 initiatives, 20% had a positive TRC. Initiatives continued to focus on education, studies to prepare customers for continued energy conservation and of course continuation of the partnerships that were started in the first years of the CDM program.

In 2008 the LDCs continued to be actively engaged in the Ontario Power Authority (OPA) funded programs for conservation and demand management. The availability of these funds and programs allowed the LDCs to continue to provide programs supporting development of the conservation culture.

This combined report, in addition to meeting the regulatory requirement, provides a comprehensive summary to CHEC members of the impact of their combined effort.

2.0 Participating Members:

The 2008 Annual Report on Conservation and Demand Management Activities of the following utilities are included in this report:

Centre Wellington Hydro Ltd.	COLLUS Power Corp
Grand Valley Energy Inc.	Innisfil Hydro
Lakefront Utilities Inc.	Lakeland Power Distribution
Midland Power Utility Corp.	Orangeville Hydro Ltd
Orillia Power Distribution Corp.	Parry Sound Power
Rideau St. Lawrence	Wasaga Distribution Inc.
Wellington North Power Inc.	West Coast Huron Energy Inc.
Westario Power	Woodstock Hydro Services

Where a LDC had completed the program in previous years their statistics are restated to maintain the completeness of the report.

3.0 Evaluation of the CDM Plan:

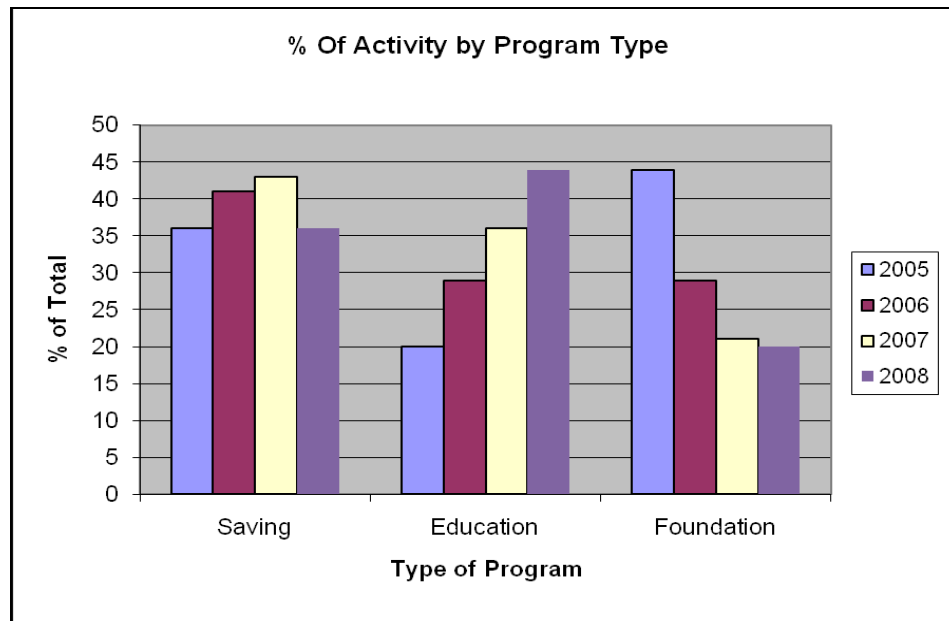
2008 Portfolio: The 9 LDCs with third tranche funding remaining collectively undertook a total of 25 initiatives in 2008. These programs fell within three categories:

- Savings: Delivery of energy saving products or processes: coupons, rebates, free products, etc.
- Education: Providing general energy management information through such activities as: website development, workshops, brochures, school programs, etc,
- Foundation: Preparatory work for future programs that include: program research and development, energy audits, system studies, demonstration projects, partnerships, etc. In many instances the continuation of these programs were based on directions set in the first two years.

The 2008 initiatives represent a total combined “Utility Cost” of \$305,200 representing the majority of the third tranche funds that remained.

Figure 1 illustrates program makeup from 2005 to 2008. Over the three year period there was strong support for education programs and for saving programs. In many instances programs were delivered with a dual focus allowing savings to be achieved while providing education at the same time. The Foundation programs were highest early in the programs as studies were initiated and completed that helped set the base for future programs and customer activity.

Figure 1



Savings Programs:

Again in 2008 savings programs continued to focus on local partnerships and delivery channels. The programs continued to partner with community agencies such as social housing, school boards and community based environmental networks. The use of product incentives, delivered through partner agencies or directly to customers, was utilized to provide measures to targeted populations. With these products often educational material was also provided increasing the conservation awareness and knowledge.

Education Programs: The CHEC LDC’s continued their support of the education portfolio and the School Boards in their service territories. A couple of programs focused directly on the school sector with programs delivered in 100% of the schools in the service territories. All member LDCs remain responsive to conservation information & support requests from area schools.

Foundation Program: As would be expected, in 2008 the numbers of “foundation” programs were on a decline. The 2008 “foundation” programs contained audit support for customers, provision of interval meter and data to provide specific information to the customer for savings and the completion of system optimization studies. While in many instances implementation has not occurred it is anticipated that the information and audits provided will encourage participation in programs such as ERIP.

Net TRC Results: The net TRC result of the programs delivered by the nine LDCs in 2008 is -\$120,800. The overall negative in 2008 TRC reflects a number of audit completions as well as continued support to education projects over the course of the year. With the framework of the 2008 programs a total of 2,642,800 kWh (lifecycle) have been saved and the education and audit work will assist with program and technology implementation moving forward.

4.0 Discussion of Programs:

The individual program discussions from each utility are included in the following sections of this report. These discussions provide the individual utility perspective on the programs as offered in their service territory. As noted previously the report for LDCs that had completed their programs prior to 2008 are included to ensure the completeness of the combined CHEC CDM Report.

Low Income Projects:

For the 2008 report the OEB requested that programs with impact on low income customers be identified and the statistics broken out. The combined effort of the member LDCs resulted in an expenditure of \$146,800 on programs that provided specific benefits to low income with over 7,800 measures/contacts made within the term of the programs.

The low income expenditures, kWh saving and measures/contacts reported do not include impacts from coupon or general support programs. For example school based programs delivered to the general population provided benefits to a sector of low income however, these contacts were not accounted for in the low income reporting. It is anticipated that the benefits provided to this sector are greater than reported.

5.0 Lessons Learned Over the Duration of the CDM Plan:

Partnerships and Sharing: LDCs have developed a number of partners within and outside of their communities to assist with the delivery of conservation programs. The ability to engage third party partners or contractors have been instrumental in the delivery of programs while controlling in-house resources.

The delivery channels created with the third tranche funding and the LDC support systems established have facilitated the successful continuation of LDCs in the delivery of CDM programs. These channels have continued to be important in the delivery and support of OPA programs which provide opportunities for our customers to conserve and for LDCs to reinforce the conservation culture.

CHEC members continue to share information between members and also with other LDCs. The hiring of a staff position by CHEC (in 2009) to continue to facilitate the combined effort of member LDCs is consistent with the success achieved during the third tranche programs.

Availability of Funds: The availability of funds at the local level to support conservation initiatives increased the penetration of projects in the service territories. On-going funding at the local level (through custom programs or community initiative funds) to ensure the continuation of the current momentum should prove beneficial to the conservation movement and the conservation culture that has developed.

The importance of multi-year financing cannot be understated when planning the development and delivery of programs. The third tranche funding allowed LDCs to maintain programs and activity over multiple years, reinforcing the conservation message and developing delivery channels. Moving forward the continued support of the government to provide stable financing and systematic and cost effective approvals will be important to effective program delivery.

TRC: The use of TRC is incorporated into the OPA program structure and provides a benchmark for project design. While TRC is one useful tool, the use of TRC does not adequately evaluate the benefits and impacts of general support and education programs. Without a delivered measure the impact of these programs is not determined in any manner. While education and general conservation information assists with the results of other programs it is unfortunate that there is not a defined value assigned to customer contact and engagement within the scope of program evaluation.

The further development and understanding of TRC and workshop support for LDCs, if there continues to be an expectation for design of programs, will be important. The manner in which associated costs, measure benefits and third

party costs are accounted for will be important in ensuring appropriate program design and evaluation.

Third Tranche and OPA Programs: Third tranche served as a precursor to the OPA programs and the existing model for conservation and demand management program delivery. While many of the third tranche programs were designed at the local level, the industry has benefited from provincially based programs designed by the OPA and delivered locally. A portfolio of both provincial and local programs provides cost effective design and per unit cost for large scale programs while providing local control and local programming for specific needs.

The Third Tranche funding was provided from the LDC rate adjustment and reinvested into the conservation portfolio. This funding, while raised locally and invested locally, was primarily aimed at providing a benefit to the entire electricity grid. While this benefit is shared by all, the costing model moving forward should more closely focus on providing the funding on a global perspective to better reflect the system nature of the benefit.

Customer Readiness: The residential customers have been responsive to programs over the delivery period. The awareness to energy conservation, due to the third tranche programs and other societal pressures has certainly increased over the last three to four years. The ability for LDCs to provide programs over the past four years has certainly assisted with this transition

The industrial and commercial customers continue to be difficult to engage. The resources within the company to focus on conservation initiatives have been lacking over the delivery period. Large and small companies all appear to be impacted by the lack of internal resources as well as the downturn in the economy. Programs aimed at providing resource assistance could improve the implementation of programs in this sector or the development of programs and program evaluations that are “turn key” in nature. It is realized however, by all involved conservation projects, that it takes commitment and time by the customer to implement. Helping the customer manage this time commitment may increase the engagement of this sector in the programs.

Utility Resources: Utility resources were challenged to meet the combined requirements of third tranche and OPA programs. In many instances the LDCs contracted incremental internal resources or hired external consultants to assist with program management and delivery. Moving forward, depending on the legislative direction set for conservation, the ability of LDCs to develop and maintain reliable resources (both internal and external) will be critical in the on-going delivery of CDM. To best position these resources, the mechanism for

continued LDC funding and cost effective approvals and reporting will be required.

6.0 Conclusion:

With this report the delivery of programs with third tranche funding has been completed pending some minor (committed) expenditure of remaining funds.

The third tranche funding allowed for local initiatives that provided kWh savings and education opportunities aimed at preparing customers for future initiatives. These programs, the resources and knowledge developed and the general awareness of the “conservation culture” will continue to benefit the delivery of CDM programs moving forward.

7.0 Appendices:

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Individual Utility CDM 2008 Annual Report RP-2004-0203/EB-2004-0502

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Parry Sound
 Energy Services Corp.

Parry Sound
 PowerGen Corp.

Parry Sound Power
RP-2004-0223\ED-2003-0006
2008 Conservation and Demand Annual Report
Third Tranche Funding

Introduction:

Parry Sound Power is pleased to submit the 2008 Annual Report on the third tranche funding. Attached to this report is Appendix A – Evaluation of the CDM Plan, Appendix B – Program sheets for the individual programs, Appendix C - Program Portfolio and Appendix D the summary of all years of the program. Parry Sound Power has submitted its conservation and demand management plan with the CHEC Group (Cornerstone Hydro Electric Concepts) and has received final order dated February 8, 2005 approving the spending.

This report covers the final investment of third tranche funds totalling \$56,600 by Parry Sound Power in conservation and demand management. This completes the expenditure of the total budget of \$180,000.

Evaluation of the CDM Plan:

The 2008 CDM activity resulted in a positive TRC of 43,155 and a lifecycle kWh savings of 1,240,000. The program included a number of promotions of energy saving technology to customers that served to educate or re-educated them of technology that is readily available to reduce their energy use.

The investment of the third tranche funding has resulted in a TRC of 195,800 and a lifecycle kWh savings of 7,333,500. While the number of participants and/or measures exceed 9,000 it is recognized that the programs have made many more impressions within the community. The opportunity to offer programs locally, to advertise in the local press and to partner with others within our community is a significant part of affecting change and the promotion of the “conservation culture”.

The summary of the programs are outlined in the Appendices attached to this report.

Discussion of Programs:

The 2008 program focussed on highlighting energy conservation to our customers through the popular press. Over the later part of the year four conservation promotions were undertaken within the community.

The first program focused on using the power of the wind to dry clothes and this was run in conjunction with Earth Day. A total of 40 Rotary Clothes Lines were provided to customers. The program was advertised in the local press and also on the radio station. While the program focused on one technology the message of conserving received numerous impressions throughout the community.

Other offers to the community included low flow shower heads and outdoor timers. With the colder climate of the area promoting a timer suitable for controlling a block heater load met local needs and focused on a practical way of conserving energy.

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Parry Sound
Energy Services Corp.

Parry Sound
PowerGen Corp.

The fourth technology provided was specific to the schools within the service territory. Power bars were provided in sufficient numbers for each classroom in the service area. The power bar where the main receptacle controlled the sub-loads was utilized with focus on computer and audio visual equipment within the school. Information on phantom loads were provided to the teaching staff, school council and posters were prepared and provided for display in each classroom. In addition poster graphics was utilized as an advertisement in the newspaper to reinforce the phantom load at home.

Parry Sound Power continued their partnership with the Social Housing Agency to replace refrigerators. This project while impacting on the specific in-suite energy use promotes to the Housing Agency the benefits of energy conservation.

Lessons Learned:

The public nature of the programs run this year provided a good profile for energy conservation. A program where products are provided free of charge do get attention and when coupled with the opportunity to provide information can help to develop an increased awareness. From the response to the local advertising it would appear that the local press is an important avenue for communicating the message (note ad copy attached).

Over the term of the program the industrial and commercial sectors are challenging to reach. It is anticipated that programs designed by the OPA and delivered and supported by the LDC will meet the requirement for industry and the commercial sector to participate. Continuing to remove the barriers for these sectors to participate will be important to the continued success of CDM.

Conclusions:

The third tranche funding provided a venue for LDCs to engage their customers in conservation and to raise the awareness associated with the conservation culture. Parry Sound Power's program resulted in a positive impact on the electrical system and has helped to set the stage for the continued work on conservation.

Yours truly,

Calvin Epps

Appendix D - Total Life Evaluation of the CDM Plan

Table is to be completed manually by totalling the information from each year of activity

	5 Cumulative Totals Life-to-date	Residential	6 Low Income	Commercial	Institutional	Industrial	Agricultural	LDC System	4 Smart Meters	Other #1	Other #2
Net TRC value (\$):	\$ 195,816	\$ 145,589	\$ 7,362		\$ 50,227						
Benefit to cost ratio:	4.7	3.17	2.12		14.41						
Number of participants or units delivered:	9,161	7,759	119		1,402						
Lifecycle (kWh) Savings:	7,333,506	6,520,390	221,697		813,116						
Total kWh saved (kWh):	1,025,807	844,933	33,825		180,874						
Total peak demand saved (kW):	67	32			35						
Total kWh saved as a percentage of total kWh delivered (%):	0.38%										
Peak kW saved as a percentage of LDC peak kW load (%):											
1 Gross C&DM expenditures (\$):	\$ 179,713	\$ 74,561	\$ 24,792		\$ 57,946				\$ 47,206		
2 Expenditures per kWh saved (\$/kWh):	\$ 0.0245	\$ 0.0114	\$ 0.1118		\$ 0.0713						
3 Expenditures per kW saved (\$/kW):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utility discount rate (%):											

1 Expenditures are reported on cumulative basis.

2 Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate energy savings.

3 Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate capacity savings.

4 Please report spending related to 3rd tranche of MARR funding only. TRC calculations are not required for Smart Meters. Actual expenditures for the total third tranche period need to be reported.

5 Includes total for the reporting year, plus prior years, if any (for example, 2008 CDM Annual report for third tranche will include 2007, 2006, 2005 and 2004 numbers, if any).

6 Includes totals from Low Income programs that fall under both commercial and residential.

Appendix A - Evaluation of the CDM Plan

Highlighted boxes are to be completed manually, white boxes are linked to Appendix C and will be brought forward automatically.

	Total for 2008	Residential	⁵ Low Income	Commercial	Institutional	Industrial	Agricultural	LDC System	⁴ Smart Meters	Other #1	Other #2
<i>Net TRC value (\$):</i>	\$ 43,155	\$ 47,717		\$ -	\$ (4,562)	\$ -	\$ -	\$ -		\$ -	\$ -
<i>Benefit to cost ratio:</i>	2.46	3.08		0.00	0.32	0.00	0.00	0.00		0.00	0.00
<i>Number of participants or units delivered:</i>	366	\$240			\$126						
<i>Lifecycle (kWh) Savings:</i>	1,240,345	1,197,131		0	43,214	0	0	0		0	0
<i>Report Year Total kWh saved (kWh):</i>	91,342	83,615		0	7,727	0	0	0		0	0
<i>Total peak demand saved (kW):</i>	5	4		0	1	0	0	0		0	0
<i>Total kWh saved as a percentage of total kWh delivered (%):</i>	0.10%										
<i>Peak kW saved as a percentage of LDC peak kW load (%):</i>											
¹ <i>Report Year Gross C&DM expenditures (\$):</i>	\$ 56,619	\$ 23,342		\$ -	\$ 16,105	\$ -	\$ -	\$ -	\$ 17,172	\$ -	\$ -
² <i>Expenditures per kWh saved (\$/kWh):</i>	\$ 0.0456	\$ 0.0195		\$ -	\$ 0.3727	\$ -	\$ -	\$ -		\$ -	\$ -
³ <i>Expenditures per kW saved (\$/kW):</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	\$ -	\$ -
<i>Utility discount rate (%):</i>	8.56										

¹ Expenditures are reported on accrual basis.

² Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate energy savings.

³ Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate capacity savings.

⁴ Please report spending related to 3rd tranche of MARR funding only. TRC calculations are not required for Smart Meters. Only actual expenditures for the year need to be reported.

Appendix C - Program and Portfolio Totals

Report Year: 2008

1. Residential Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Residential Timer Program	\$ 21,006	\$ 4,447	\$ 16,559	4.72	26,280	525,600	0	\$ 3,507
Shower Heads	\$ 45,225	\$ 6,858	\$ 38,367	6.59	49,091	589,091	4	\$ 7,317
Clothes Lines	\$ 4,380	\$ 11,589	-\$ 7,209	0.38	8,244	82,440	1	\$ 12,518
Spring Every Kilowatt Counts (EKC) Program								
Fall Every Kilowatt Counts (EKC) Program								
Website								
Education and Promotion								
Coupon Program 2005			\$ -	0.00				
Energy Managemnt Audit Program			\$ -	0.00				
Low Income Retrofits			\$ -	0.00				
Appliance Saturation Survey			\$ -	0.00				
BlueLine Monitor Program			\$ -	0.00				
Promotional Kits			\$ -	0.00				
Light Bulb Giveaway			\$ -	0.00				
*Totals App. B - Residential	\$ 70,611	\$ 22,894	\$ 47,717	3.08	83,615	1,197,131	4	\$ 23,342
Residential Indirect Costs not attributable to any specific program	→							
Total Residential TRC Costs		\$ 22,894						
**Totals TRC - Residential	\$ 70,611	\$ 22,894	\$ 47,717	3.08				

2. Commercial Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$ -	0.00				
Name of Program B			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program D			\$ -	0.00				
Name of Program E			\$ -	0.00				
Name of Program F			\$ -	0.00				
Name of Program G			\$ -	0.00				
Name of Program H			\$ -	0.00				

Name of Program I			\$	-	0.00							
Name of Program J			\$	-	0.00							
*Totals App. B - Commercial	\$	-	\$	-	\$	-	0.00	0	0	0	\$	-
Commercial Indirect Costs not attributable to any specific program	→											
Total TRC Costs			\$	-								
**Totals TRC - Commercial	\$	-	\$	-	\$	-	0.00					

3. Institutional Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)				
School Power Bars	\$ 1,283	\$ 5,739	-\$ 4,456	0.22	6,661	22,968	0	\$ 6,095				
Refrigerators - Social Housing	\$ 902	\$ 1,008	-\$ 106	0.89	1,066	20,246	0	10009.6				
School Program - Dearness Environmental Society			\$ -	0.00								
Conversion of Traffic Lights - complete intersections			\$ -	0.00								
Window Treatment Film			\$ -	0.00								
Name of Program C			\$ -	0.00								
Name of Program G			\$ -	0.00								
Name of Program H			\$ -	0.00								
Name of Program I			\$ -	0.00								
Name of Program J			\$ -	0.00								
*Totals App. B - Institutional	\$ 2,185	\$ 6,747	-\$ 4,562	0.32	7,727	43,214	0	\$ 16,105				
Institutional Indirect Costs not attributable to any specific program	→											
Total TRC Costs		\$ 6,747										
**Totals TRC - Institutional	\$ 2,185	\$ 6,747	-\$ 4,562	0.32								

4. Industrial Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program D			\$ -	0.00				
Name of Program E			\$ -	0.00				
Name of Program F			\$ -	0.00				

Name of Program G			\$	-	0.00				
Name of Program H			\$	-	0.00				
Name of Program I			\$	-	0.00				
Name of Program J			\$	-	0.00				
*Totals App. B - Industrial	\$ -	\$ -	\$ -	-	0.00	0	0	0	\$ -
Industrial Indirect Costs not attributable to any specific program	→								
Total TRC Costs		\$ -							
**Totals TRC - Industrial	\$ -	\$ -	\$ -	-	0.00				

5. Agricultural Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program D			\$ -	0.00				
Name of Program E			\$ -	0.00				
Name of Program F			\$ -	0.00				
Name of Program G			\$ -	0.00				
Name of Program H			\$ -	0.00				
Name of Program I			\$ -	0.00				
Name of Program J			\$ -	0.00				
*Totals App. B - Agricultural	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Agricultural Indirect Costs not attributable to any specific program	→							
Total TRC Costs		\$ -						
**Totals TRC - Agricultural	\$ -	\$ -	\$ -	0.00				

6. LDC System Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$ -	0.00				
Name of Program B			\$ -	0.00				

Name of Program C			\$	-	0.00				
Name of Program D			\$	-	0.00				
Name of Program E			\$	-	0.00				
Name of Program F			\$	-	0.00				
Name of Program G			\$	-	0.00				
Name of Program H			\$	-	0.00				
Name of Program I			\$	-	0.00				
Name of Program C			\$	-	0.00				
*Totals App. B - LDC System	\$ -	\$ -	\$ -	-	0.00	0	0	0	\$ -
<i>LDC System Indirect Costs not attributable to any specific program</i>	→								
Total TRC Costs		\$ -							
**Totals TRC - LDC System	\$ -	\$ -	\$ -	-	0.00				

7. Smart Meters Program

Only spending information that was authorized under the 3rd tranche of MARR is required to be reported for Smart Meters.

Report Year Gross C&DM Expenditures (\$) → 17,172

8. Other #1 Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$ -	0.00				
Name of Program B			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program D			\$ -	0.00				
Name of Program E			\$ -	0.00				
Name of Program F			\$ -	0.00				
Name of Program G			\$ -	0.00				
Name of Program H			\$ -	0.00				
Name of Program I			\$ -	0.00				
Name of Program J			\$ -	0.00				
*Totals App. B - Other #1	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
<i>Other #1 Indirect Costs not attributable to any specific program</i>	→							
Total TRC Costs		\$ -						
**Totals TRC - Other #1	\$ -	\$ -	\$ -	0.00				

9. Other #2 Programs

List each Appendix B in the cells below; Insert additional rows as required.

Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$ -	0.00				
Name of Program B			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program D			\$ -	0.00				
Name of Program E			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program G			\$ -	0.00				
Name of Program H			\$ -	0.00				
Name of Program I			\$ -	0.00				
Name of Program J			\$ -	0.00				
*Totals App. B - Other #2	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
<i>Other #2 Indirect Costs not attributable to any specific program</i>	→							
Total TRC Costs		\$ -						
**Totals TRC - Other #2	\$ -	\$ -	\$ -	0.00				

LDC's CDM PORTFOLIO TOTALS

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
*TOTALS FOR ALL APPENDIX B	\$ 72,796	\$ 29,641	\$ 43,155	2.46	\$ 91,342	\$ 1,240,345	\$ 5	\$ 56,619
<i>Any other Indirect Costs not attributable to any specific program</i>	→							
TOTAL ALL LDC COSTS		\$ 29,641						
**LDC* PORTFOLIO TRC	\$ 72,796	\$ 29,641	\$ 43,155	2.46				

* The savings and spending information from this row is to be carried forward to Appendix A.

** The TRC information from this row is to be carried forward to Appendix A.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Social Housing - Refrigerator Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

Provide new energy efficient refrigerators social housing complexes. Provides major appliance that can assist in reducing energy consumption in each unit.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Older Refrigerator		
Efficient technology:	Energy Efficient Refrigerator		
Number of participants or units delivered for reporting year:	16		
Measure life (years):	19		
Number of Participants or units delivered life to date	16		

B. TRC Results:	Reporting Year	TRC Results:
¹ TRC Benefits (\$):	\$ 902.54	
² TRC Costs (\$):		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	\$ 1,008.00	
Total TRC costs:	\$ 1,008.00	
Net TRC (in year CDN \$):	-\$ 105.46	
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	\$ 0.90	

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

Demand savings (kW):	Summer	0.24	
	Winter	0.26	
	<i>lifecycle</i>		<i>in year</i>
Energy saved (kWh):	20246.4	1065.6	
Other resources saved :			
Natural Gas (m3):			
Other (specify):			

Demand Management Programs:

Controlled load (kW)		
Energy shifted On-peak to Mid-peak (kWh):		
Energy shifted On-peak to Off-peak (kWh):		
Energy shifted Mid-peak to Off-peak (kWh):		

Demand Response Programs:

Dispatchable load (kW):		
Peak hours dispatched in year (hours):		

Power Factor Correction Programs:

Amount of KVar installed (KVar):		
Distribution system power factor at beginning of year (%):		
Distribution system power factor at end of year (%):		

Line Loss Reduction Programs:

Peak load savings (kW):			
	<i>lifecycle</i>	<i>in year</i>	
Energy savings (kWh):			

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):		
Energy generated (kWh):		
Peak energy generated (kWh):		
Fuel type:		

Other Programs (specify):

Metric (specify):		
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D. Actual Program Costs:

		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 10,009.60	
	Incentive:		
	Total:	\$ 10,009.60	
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

¹ Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit benefit specified in the TRC Guide.

² For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Black Out Day Great Clothes Line Give-A-Way

Description of the program (including intent, design, delivery, partnerships and evaluation):

Provided free of charge 40 Rotary Clothes Line Trees valued at \$240 each. Utilized the program to educate customers on the advantages of natural drying and the products available to assist. Advertised program in newspaper and on local radio. Tied program into Black Out Day to co advertise both events.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Use of Electric Dryer		
Efficient technology:	Rotary Clothes Line Tree		
Number of participants or units delivered for reporting year:	40		
Measure life (years):	10		
Number of Participants or units delivered life to date	40		

B. TRC Results:	Reporting Year	TRC Results:
¹ TRC Benefits (\$):	\$ 4,380.00	
² TRC Costs (\$):		
Utility program cost (excluding incentives):	\$ 3,232.00	
Incremental Measure Costs (Equipment Costs)	\$ 8,357.40	
Total TRC costs:	\$ 11,589.40	
Net TRC (in year CDN \$):	-\$ 7,208.71	
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	\$ 0.38	

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

	Summer	0.82	
Demand savings (kW):	Winter		
	lifecycle	in year	
Energy saved (kWh):	82440	8244	
Other resources saved :			
Natural Gas (m3):			
Other (specify):			

Demand Management Programs:

Controlled load (kW)		
Energy shifted On-peak to Mid-peak (kWh):		
Energy shifted On-peak to Off-peak (kWh):		
Energy shifted Mid-peak to Off-peak (kWh):		

Demand Response Programs:

Dispatchable load (kW):		
Peak hours dispatched in year (hours):		

Power Factor Correction Programs:

Amount of KVar installed (KVar):		
Distribution system power factor at beginning of year (%):		
Distribution system power factor at end of year (%):		

Line Loss Reduction Programs:

Peak load savings (kW):			
	<i>lifecycle</i>	<i>in year</i>	
Energy savings (kWh):			

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):		
Energy generated (kWh):		
Peak energy generated (kWh):		
Fuel type:		

Other Programs (specify):

Metric (specify):		
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D. Actual Program Costs:

		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 12,518.00	
	Incentive:		
	Total:	\$ 12,518.00	
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

¹ Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit benefit specified in the TRC Guide.

² For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Shower Head Technology Promotion

Description of the program (including intent, design, delivery, partnerships and evaluation):

Provided hand held shower heads to the first 100 customers to request one. Advertised the benefit of low flow shower heads and demonstrated the state of the art hand held units. Local advertising raised awareness of technology available.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Standard Flow Shower Head		
Efficient technology:	Low Flow Shower Head		
Number of participants or units delivered for reporting year:	100		
Measure life (years):	12		
Number of Participants or units delivered life to date	100		

B. TRC Results:	Reporting Year	TRC Results:
¹ TRC Benefits (\$):	\$ 45,225.18	
² TRC Costs (\$):		
Utility program cost (excluding incentives):	\$ 2,722.35	
Incremental Measure Costs (Equipment Costs)	\$ 4,135.50	
Total TRC costs:	\$ 6,857.85	
Net TRC (in year CDN \$):	\$ 38,367.33	
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	\$ 6.59	

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

Demand savings (kW):	Summer	3.51	
	Winter	8.61	
	<i>lifecycle</i>		<i>in year</i>
Energy saved (kWh):	589090.91	49090.91	
Other resources saved :			
Natural Gas (m3):			
Water (l)	28944000	2412000	

Demand Management Programs:

Controlled load (kW)		
Energy shifted On-peak to Mid-peak (kWh):		
Energy shifted On-peak to Off-peak (kWh):		
Energy shifted Mid-peak to Off-peak (kWh):		

Demand Response Programs:

Dispatchable load (kW):		
Peak hours dispatched in year (hours):		

Power Factor Correction Programs:

Amount of KVar installed (KVar):		
Distribution system power factor at beginning of year (%):		
Distribution system power factor at end of year (%):		

Line Loss Reduction Programs:

Peak load savings (kW):			
	<i>lifecycle</i>	<i>in year</i>	
Energy savings (kWh):			

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):		
Energy generated (kWh):		
Peak energy generated (kWh):		
Fuel type:		

Other Programs (specify):

Metric (specify):		
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<u>D. Actual Program Costs:</u>		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 7,317.35	
	Incentive:		
	Total:	\$ 7,317.35	
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

¹ Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit benefit specified in the TRC Guide.

² For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Phantom Load Power Bar Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

Provide to each elementary school in the service territory power bars for use on computers and other electronic equipment in the schools to eliminate phantom loads. Distributed 110 power bars. Provided information on phantom loads to each classroom teacher along with poster outlining phantom loads. Utilized same graphics to advertise phantom loads and the use of power bars in the local newspaper, reinforcing the school program and raising general public knowledge.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Non - controlled		
Efficient technology:	Power Bar		
Number of participants or units delivered for reporting year:	110		
Measure life (years):	3.5		
Number of Participants or units delivered life to date	110		

B. TRC Results:	Reporting Year	TRC Results:
¹ TRC Benefits (\$):	\$ 1,283.36	
² TRC Costs (\$):		
Utility program cost (excluding incentives):	\$ 2,535.60	
Incremental Measure Costs (Equipment Costs)	\$ 3,203.64	
Total TRC costs:	\$ 5,739.24	
Net TRC (in year CDN \$):	-\$ 4,455.88	
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	\$ 0.22	

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

Demand savings (kW):	Summer	0	
	Winter	1.44	
	<i>lifecycle</i>		<i>in year</i>
Energy saved (kWh):	22968	6660.72	
Other resources saved :			
Natural Gas (m3):			
Other (specify):			

Demand Management Programs:

Controlled load (kW)		
Energy shifted On-peak to Mid-peak (kWh):		
Energy shifted On-peak to Off-peak (kWh):		
Energy shifted Mid-peak to Off-peak (kWh):		

Demand Response Programs:

Dispatchable load (kW):		
Peak hours dispatched in year (hours):		

Power Factor Correction Programs:

Amount of KVar installed (KVar):		
Distribution system power factor at beginning of year (%):		
Distribution system power factor at end of year (%):		

Line Loss Reduction Programs:

Peak load savings (kW):			
	<i>lifecycle</i>	<i>in year</i>	
Energy savings (kWh):			

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):		
Energy generated (kWh):		
Peak energy generated (kWh):		
Fuel type:		

Other Programs (specify):

Metric (specify):		
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D. Actual Program Costs:

		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 6,095.20	
	Incentive:		
	Total:	\$ 6,095.20	
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

¹ Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit benefit specified in the TRC Guide.

² For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Residential Timer Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

Provided 100 outdoor timers to customers. Advertised give-away program in the local paper and focused on the benefits of timers to reduce load. Provided block heater rated timers ideal for a northern climate.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:			
Efficient technology:			
Number of participants or units delivered for reporting year:	100		
Measure life (years):	20		
Number of Participants or units delivered life to date	100		

B. TRC Results:	Reporting Year	TRC Results:
¹ TRC Benefits (\$):	\$ 21,005.72	
² TRC Costs (\$):		
Utility program cost (excluding incentives):	\$ 2,647.35	
Incremental Measure Costs (Equipment Costs)	\$ 1,800.00	
Total TRC costs:	\$ 4,447.35	
Net TRC (in year CDN \$):	\$ 16,558.37	
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	\$ 4.72	

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

Demand savings (kW):	Summer		
	Winter	16.99	
	lifecycle		in year
Energy saved (kWh):	525600	26280	
Other resources saved :			
Natural Gas (m3):			
Other (specify):			

Demand Management Programs:

Controlled load (kW)		
Energy shifted On-peak to Mid-peak (kWh):		
Energy shifted On-peak to Off-peak (kWh):		
Energy shifted Mid-peak to Off-peak (kWh):		

Demand Response Programs:

Dispatchable load (kW):		
Peak hours dispatched in year (hours):		

Power Factor Correction Programs:

Amount of KVar installed (KVar):		
Distribution system power factor at beginning of year (%):		
Distribution system power factor at end of year (%):		

Line Loss Reduction Programs:

Peak load savings (kW):			
	<i>lifecycle</i>	<i>in year</i>	
Energy savings (kWh):			

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):		
Energy generated (kWh):		
Peak energy generated (kWh):		
Fuel type:		

Other Programs (specify):

Metric (specify):		
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D. Actual Program Costs:

		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 3,507.35	
	Incentive:		
	Total:	\$ 3,507.35	
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

¹ Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit benefit specified in the TRC Guide.

² For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Smart Meter Development

Description of the program (including intent, design, delivery, partnerships and evaluation):

Participate in a group technology evaluations of smart meters, metering systems, MDMR, AMI etc. This process will ensure vendors approvals and criteria set by the governing authorities are met. All data will be tested and verified by the group.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:			
Efficient technology:			
Number of participants or units delivered for reporting year:	1		
Measure life (years):			
Number of Participants or units delivered life to date	1		

B. TRC Results:	Reporting Year	TRC Results:
¹ TRC Benefits (\$):		
² TRC Costs (\$):		
Utility program cost (excluding incentives):	\$ 17,172.01	47206.42
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:	\$ 17,172.01	47206.42
Net TRC (in year CDN \$):	-\$ 17,172.01	-\$ 47,206.42
Benefit to Cost Ratio (TRC Benefits/TRC Costs):		

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

	Summer	Winter	
	lifecycle		in year
Demand savings (kW):			
Energy saved (kWh):			
Other resources saved :			
Natural Gas (m3):			
Other (specify):			

Demand Management Programs:

Controlled load (kW)		
Energy shifted On-peak to Mid-peak (kWh):		
Energy shifted On-peak to Off-peak (kWh):		
Energy shifted Mid-peak to Off-peak (kWh):		

Demand Response Programs:

Dispatchable load (kW):		
Peak hours dispatched in year (hours):		

Power Factor Correction Programs:

Amount of KVar installed (KVar):		
Distribution system power factor at beginning of year (%):		
Distribution system power factor at end of year (%):		

Line Loss Reduction Programs:

Peak load savings (kW):			
	lifecycle	in year	
Energy savings (kWh):			

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):		
Energy generated (kWh):		
Peak energy generated (kWh):		
Fuel type:		

Other Programs (specify):

Metric (specify):		
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D. Actual Program Costs:

		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 17,172.01	\$ 47,206.42
	Incentive:		
	Total:	\$ 17,172.01	\$ 47,206.42
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

¹ Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit benefit specified in the TRC Guide.

² For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Spring Every Kilowatt Counts (EKC) Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

In partnership with the OPA provided customer incentives for energy efficient technologies. Involved both direct mail and in-store promotion along with local advertising and support.

Measure(s):

	Measure 1	Measure 2	Measure 3	Measure 4
<i>Base case technology:</i>	0	0.00	0.00	0.00
<i>Efficient technology:</i>	CFLs	Ceiling Fan	Timers	Progr. Thermostats
<i>Number of participants or units delivered:</i>	0.00	0.00	0.00	0.00
<i>Measure life (years):</i>	4.00	20.00	20.00	18.00
<i>Number of participants or units 2005/2006</i>	722	6	9	7
<i>Number of Participants or units delivered life-to-date</i>	722.00	6.00	9.00	7.00

B. TRC Results:	Reporting Year	2005/2006	Life-to-date TRC
		TRC Results	Results:
<i>TRC Benefits (\$):</i>		\$ 20,028.87	\$ 20,028.87
<i>Measure's Costs (\$):</i>			
<i>Utility program cost (less incentives):</i>	\$ -	\$ -	\$ -
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ 2,270.00	\$ 2,270.00	\$ 2,270.00
<i>Total TRC costs:</i>	\$ -	\$ 2,270.00	\$ 2,270.00
<i>Net TRC (in year CDN \$):</i>	\$0.00	\$ 17,758.87	\$ 17,758.87
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ 8.82	\$ 8.82

C. **Results:** (one or more category may apply)

Cumulative Results:

Conservation Programs:

<i>Demand savings (kW):</i>	<i>Summer</i>	0.00	Report Winter Demand (kW)	
	<i>Winter</i>	0.00	0.00	
<i>Energy saved (kWh):</i>	<i>lifecycle</i>	<i>in year</i>	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
	0.00	0.00	339930	71223
<i>Other resources saved :</i>			<i>2005 Lifecycle</i>	<i>2005 Annual</i>
			339930	71223
<i>Natural Gas (m3):</i>	0	0		
<i>Water (l)</i>	0	0		

D. Program Costs*:		2005/2006	Cumulative Life to
		Costs	Date
<i>Utility direct costs (\$):</i>	<i>Incremental cap</i>	\$ -	\$ -
	<i>Incremental O&I</i>	\$ -	\$ -
	<i>Incentive:</i>	\$ -	\$ -
	<i>Total:</i>	\$ -	\$ -
<i>Utility indirect costs (\$):</i>	<i>Incremental cap</i>	\$ -	\$ -
	<i>Incremental O&I</i>	\$ -	\$ -
	<i>Total:</i>	\$ -	\$ -
<i>Total Utility Cost of Program</i>	\$ -	\$ -	\$ -

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Fall Every Kilowatt Counts (EKC) Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

In partnership with the OPA provided customer incentives for energy efficient technologies. Involved both direct mail and in-store promotion along with local advertising and support.

Measure(s):

	Measure 1	Measure 2	Measure 3	Measure 4	Measure 5
Base case technology:	0	0.00	0.00	0.00	0.00
Efficient technology:	CFLs	LED Xmas Lights	Dimmers	Progr. Thermostats	Motion Sensor
Number of participants or units delivered:	0.00	0.00	0.00	0.00	0.00
Measure life (years):	4.00	30.00	10.00	18.00	20.00
Number of participants or units 2005/2006	1236	1198	12	34	2
Number of Participants or units delivered life-to-date	1,236.00	1,198.00	12.00	34.00	2.00

B. TRC Results:	Reporting Year	2005/2006 TRC	Life-to-date TRC
		Results	Results:
¹ TRC Benefits (\$):	\$ -	\$ 82,564.30	\$ 82,564.30
² Measure's Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 1.00	\$ 1.00
Participant cost:	\$ -	\$ -	\$ -
Total TRC costs:	\$ -	\$ 1.00	\$ 1.00
Net TRC (in year CDN \$):	\$0.00	\$ 82,563.30	\$ 82,563.30
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ 82,564.30	\$ 82,564.30

C. **Results:** (one or more category may apply)

Conservation Programs:

				Cumulative Results:	
Demand savings (kW):	Summer	0.00		Report Summer Demand (kW)	
	Winter	0.00		0.00	
Energy saved (kWh):	lifecycle	in year		Cumulative Lifecycle	Cumulative Annual Savings
	0.00	0.00		4295050	559907
Other resources saved :				2005 Lifecycle	2005 Annual
				4295050	559907
Natural Gas (m3):	0	0			
Water (l)	0	0			

D. Program Costs*:		2005/2006	Cumulative Life to
		Costs	Date
Utility direct costs (\$):	Incremental capita	\$ -	\$ -
	Incremental O&M:	\$ 1.00	\$ 1.00
	Incentive:	\$ -	\$ -
	Total:	\$ 1.00	\$ 1.00
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -
	Total:	\$ -	\$ -
	Total Utility Cost of Program	\$ 1.00	\$ 1.00

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Website

Description of the program (including intent, design, delivery, partnerships and evaluation):

Shared Costing on website development and CDM co-ordinator, these costs are shared with 16 member group of LDCs (CHEC) The website development started in 2005 online in 2006, this site carries several links to various CDM programs thoughts and plans for customers at all levels

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:	0.00	0	0
Measure life (years):	0.00		
Number of participants or units 05/06	1		
Number of Participants or units delivered life-to-date	1.00		

B. TRC Results:	Reporting Year	2005 TRC Results	Life-to-date TRC Results:
¹ TRC Benefits (\$):	\$ -		\$ -
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 4,839.87	\$ 4,839.87
Incremental Measure Costs (Equipment Costs)	\$ -		\$ -
Total TRC costs:	\$ -	\$ 4,839.87	\$ 4,839.87
Net TRC (in year CDN \$):	\$ -	-\$ 4,839.87	-\$ 4,839.87
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ -	\$ -

C. Results: (one or more category may apply)	Cumulative Results:			
Conservation Programs:				
Demand savings (kW):	Summer	0.00	Report Winter Demand (kW)	
	Winter	0.00	0.00	
	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):	0.00	0.00	0	0
			2005 Lifecycle	2005 Annual
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

D. Program Costs*:	Reporting Year	2005 Costs	Cumulative Life to Date
Utility direct costs (\$):			
Incremental capital:	\$ -		\$ -
Incremental O&M:	\$ -	\$ 4,839.87	\$ 4,839.87
Incentive:	\$ -		\$ -
Total:	\$ -	\$ 4,839.87	\$ 4,839.87
Utility indirect costs (\$):			
Incremental capital:	\$ -		\$ -
Incremental O&M:	\$ -		\$ -
Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program	\$ -	\$ 4,839.87	\$ 4,839.87

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Education and Promotion

Description of the program (including intent, design, delivery, partnerships and evaluation):

Program design and delivery to all levels of customers. The overall process involves newspaper ads, flyers, etc aimed at educating customers on CDM activities and benefits, to encourage interaction at home and work. This program started in 2005 and carried on during the third tranche period. In 2007 energy saving tips were published monthly with 2500 customers being reached.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:	2,500.00	0	0
Measure life (years):	0.00		
Number of participants or units 2005/2006	1		
Number of Participants or units delivered life-to-date	2,501.00		

TRC Results:		<u>Reporting Year</u>	<u>2005/2006 TRC Results</u>	<u>Life-to-date TRC Results:</u>
B. ¹ TRC Benefits (\$):		\$ -	\$ -	\$ -
² TRC Costs (\$):				
	Utility program cost (less incentives):	\$ 4,160.00	\$ 5,948.30	\$ 10,108.30
	Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
	Total TRC costs:	\$ 4,160.00	\$ 5,948.30	\$ 10,108.30
	Net TRC (in year CDN \$):	-\$ 4,160.00	-\$ 5,948.30	-\$ 10,108.30
	Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	\$ -	\$ -

Results: (one or more category may apply)			<u>Cumulative Results:</u>	
Conservation Programs:				
Demand savings (kW):	Summer	0.00	Report Winter Demand (kW)	
	Winter	0.00	0.00	
			<u>Cumulative Lifecycle</u>	<u>Cumulative Annual Savings</u>
Energy saved (kWh):	lifecycle	0.00	0	0
			<u>2005 Lifecycle</u>	<u>2005 Annual</u>
Other resources saved :				
	Natural Gas (m3):	0	0	
	Water (l)	0	0	

Program Costs*:		<u>Reporting Year</u>	<u>2005/2006 Costs</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
	Incremental O&M:	\$ 4,160.00	\$ 5,948.30	\$ 10,108.30
	Incentive:	\$ -	\$ -	\$ -
	Total:	\$ 4,160.00	\$ 5,948.30	\$ 10,108.30
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 4,160.00	\$ 5,948.30	\$ 10,108.30

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Coupon Program 2005

Description of the program (including intent, design, delivery, partnerships and evaluation):

Coupon offering a range of rebates aimed at residential customers in 2005

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:			
Efficient technology:			
Number of participants or units delivered:		0	0
Measure life (years):	0.00		
Number of participants or units 2005	293		
Number of Participants or units delivered life-to-date	293.00		

B. TRC Results:	Reporting Year	2005 TRC Results		Life-to-date TRC Results:	
¹ TRC Benefits (\$):	\$ -	\$ 9,293.00	\$ 9,293.00		
² TRC Costs (\$):					
Utility program cost (less incentives):	\$ -	\$ 598.31	\$ 598.31		
Incremental Measure Costs (Equipment Costs)	\$ -	\$ 1,016.00	\$ 1,016.00		
Total TRC costs:	\$ -	\$ 1,614.31	\$ 1,614.31		
Net TRC (in year CDN \$):	\$ -	\$ 7,678.69	\$ 7,678.69		
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ 5.76	\$ 5.76		

C. Results: (one or more category may apply)				Cumulative Results:	
Conservation Programs:					
Demand savings (kW):	Summer	0.00	Report Winter Demand (kW)		
	Winter	0.00	0.00		
Energy saved (kWh):	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings	
			201406	24402	
	2005 Lifecycle			2005 Annual	
	201406			24402	
Other resources saved :					
Natural Gas (m3):	0	0			
Water (l)	0	0			

D. Program Costs*:		Reporting Year		2005 Costs		Cumulative Life to Date	
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -		\$ -	
	Incremental O&M:	\$ -	\$ 598.31	\$ 598.31		\$ 598.31	
	Incentive:	\$ -	\$ 799.00	\$ 799.00		\$ 799.00	
	Total:	\$ -	\$ 1,397.31	\$ 1,397.31		\$ 1,397.31	
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -		\$ -	
	Incremental O&M:	\$ -		\$ -		\$ -	
	Total:	\$ -	\$ -	\$ -		\$ -	
Total Utility Cost of Program		\$ -	\$ 1,397.31	\$ 1,397.31		\$ 1,397.31	

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Energy Managemnt Audit Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

Parry Sound Power shared in an audit for social housing development seeking energy conservation savings. This program was run in 2005 with follow up in 2007. Low Income Retrofit project run in 2007 a result of the relationship developed.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:	0.00	0	0
Measure life (years):	0.00		
Number of participants or units 2005	1		
Number of Participants or units delivered life-to-date	1.00		

B. TRC Results:	Reporting Year	2005 TRC Results		Life-to-date TRC Results:	
¹ TRC Benefits (\$):	\$ -		\$ -		\$ -
² TRC Costs (\$):					
Utility program cost (less incentives):	\$ -	\$ 900.00	\$ 900.00		\$ 900.00
Incremental Measure Costs (Equipment Costs)	\$ -		\$ -		\$ -
Total TRC costs:	\$ -	\$ 900.00	\$ 900.00		\$ 900.00
Net TRC (in year CDN \$):	\$ -	-\$ 900.00	-\$ 900.00		-\$ 900.00

Benefit to Cost Ratio (TRC Benefits/TRC Costs): #DIV/0! \$ - \$ -

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

Demand savings (kW):	Summer	0.00	Report Winter Demand (kW)	
			Winter	0.00
Energy saved (kWh):	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
	0.00	0.00	0	0
			2005 Lifecycle	2005 Annual
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

D. Program Costs*:	Reporting Year	2005 Costs		Cumulative Life to Date	
Utility direct costs (\$):					
Incremental capital:	\$ -		\$ -		\$ -
Incremental O&M:	\$ -	\$ 900.00	\$ 900.00		\$ 900.00
Incentive:	\$ -		\$ -		\$ -
Total:	\$ -	\$ 900.00	\$ 900.00		\$ 900.00
Utility indirect costs (\$):					
Incremental capital:	\$ -		\$ -		\$ -
Incremental O&M:	\$ -		\$ -		\$ -
Total:	\$ -	\$ -	\$ -		\$ -
Total Utility Cost of Program	\$ -	\$ 900.00	\$ 900.00		\$ 900.00

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Low Income Retrofits

Description of the program (including intent, design, delivery, partnerships and evaluation):

The project involved the replacement of existing refrigerators with energy efficient units and the conversion of lighting in the units to more energy efficient technology. The project built on the existing relationship developed through the audit program

Measure(s):

	Measure 1	Measure 2	Measure 3	Measure 4
<i>Base case technology:</i>	Residential T12's	Refrigerator over 10 Years Old	0.00	0.00
<i>Efficient technology:</i>	Residential T8's	New Energy Efficient Refrigerator	0.00	0.00
<i>Number of participants or units delivered:</i>	18.00	18.00	0.00	0.00
<i>Measure life (years):</i>	5.00	9.00	0.00	0.00
<i>Number of participants/units 05&06</i>				
<i>Number of Participants or units delivered life-to-date</i>	18.00	18.00	0.00	0.00

B. TRC Results:	Reporting Year	Total 05&06 TRC	Life-to-date TRC
		Results	Results:
¹ TRC Benefits (\$):	\$ 12,982.36		\$ 12,982.36
² Measure's Costs (\$):			
<i>Utility program cost (less incentives):</i>	\$ -		\$ -
<i>Participant cost:</i>	\$ 4,495.50		\$ 4,495.50
<i>Total TRC costs:</i>	\$ 4,495.50	\$ -	\$ 4,495.50
Net TRC (in year CDN \$):	\$8,486.86	\$ -	\$ 8,486.86

Benefit to Cost Ratio (TRC Benefits/TRC Costs): 2.89 #DIV/0! \$ 2.89

C. Results: (one or more category may apply)			Cumulative Results:	
Conservation Programs:				
<i>Demand savings (kW):</i>	Summer	6.11	Report Summer Demand (kW)	
	Winter	6.45	6.11	
	<i>lifecycle</i>	<i>in year</i>	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
<i>Energy saved (kWh):</i>	207,081.36	24,646.03	207081.36	24646.032
			<i>Total 05&06 Lifecycle</i>	<i>05&06 Annual</i>
<i>Other resources saved :</i>				
	<i>Natural Gas (m3):</i>	0		
	<i>Water (l)</i>	0		

D. Program Costs*:		Total 05&06 Costs	Cumulative Life to Date
<i>Utility direct costs (\$):</i>	<i>Incremental capital:</i>	\$ -	\$ -
	<i>Incremental O&M:</i>	\$ 13,495.68	\$ 13,495.68
	<i>Incentive:</i>	\$ -	\$ -
	<i>Total:</i>	\$ 13,495.68	\$ 13,495.68
<i>Utility indirect costs (\$):</i>	<i>Incremental capital:</i>	\$ -	\$ -
	<i>Incremental O&M:</i>	\$ -	\$ -
	<i>Total:</i>	\$ -	\$ -
<i>Total Utility Cost of Program</i>		\$ 13,495.68	\$ 13,495.68

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Smart Meter Development

Description of the program (including intent, design, delivery, partnerships and evaluation):

Participate in a group technology evaluations of smart meters, metering system , MDMR, AMI etc. This process will ensure vendors approvals and criteria set by the governing authorities are met. All data will be tested and verified by the group

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:	1.00	0	0
Measure life (years):	0.00		
Number of participants or units 2005	0		
Number of Participants or units delivered life-to-date	1.00		

	<u>Reporting Year</u>	<u>2005 TRC Results</u>	<u>Life-to-date TRC Results:</u>
B. ¹ TRC Benefits (\$):	\$ -		\$ -
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ 18,385.31	\$ 11,649.10	\$ 30,034.41
Incremental Measure Costs (Equipment Costs)	\$ -		\$ -
Total TRC costs:	\$ 18,385.31	\$ 11,649.10	\$ 30,034.41
Net TRC (in year CDN \$):	-\$ 18,385.31	-\$ 11,649.10	-\$ 30,034.41
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	\$ -	\$ -

<u>Results:</u> (one or more category may apply)	<u>Cumulative Results:</u>			
Conservation Programs:				
Demand savings (kW):	Summer	0.00	Report Winter Demand (kW)	
	Winter	0.00	0.00	
	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):	0.00	0.00	0	0
			2005 Lifecycle	2005 Annual
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

	<u>Reporting Year</u>	<u>2005 Costs</u>	<u>Cumulative Life to Date</u>
D. Program Costs*:			
Utility direct costs (\$):			
Incremental capital:	\$ -		\$ -
Incremental O&M:	\$ 18,385.31	\$ 11,649.10	\$ 30,034.41
Incentive:	\$ -		\$ -
Total:	\$ 18,385.31	\$ 11,649.10	\$ 30,034.41
Utility indirect costs (\$):			
Incremental capital:	\$ -		\$ -
Incremental O&M:	\$ -		\$ -
Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program	\$ 18,385.31	\$ 11,649.10	\$ 30,034.41

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Appliance Saturation Survey

Description of the program (including intent, design, delivery, partnerships and evaluation):

Parry Sound power undertook an appliance saturation survey along with the other members of the CHEC group, this allows us to determine our customer base appliance setups and future power needs

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:		0	0
Measure life (years):	0.00		
Number of participants or units 2005/2006	1		
Number of Participants or units delivered life-to-date	1.00		

B.	TRC Results:	Reporting Year	2005/2006 TRC	Life-to-date TRC
			Results	Results:
	¹ TRC Benefits (\$):	\$ -	\$ -	\$ -
	² TRC Costs (\$):			
	Utility program cost (less incentives):	\$ -	\$ 4,000.00	\$ 4,000.00
	Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
	Total TRC costs:	\$ -	\$ 4,000.00	\$ 4,000.00
	Net TRC (in year CDN \$):	\$ -	-\$ 4,000.00	-\$ 4,000.00
	Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ -	\$ -

C.	Results: (one or more category may apply)	Cumulative Results:			
	Conservation Programs:				
	Demand savings (kW):	Summer	0.00	Report Winter Demand (kW)	
		Winter	0.00	0.00	
				Cumulative Lifecycle	Cumulative Annual Savings
	Energy saved (kWh):	lifecycle	in year	0	0
		0.00	0.00	2005 Lifecycle	2005 Annual
	Other resources saved :				
	Natural Gas (m3):	0	0		
	Water (l)	0	0		

D.	Program Costs*:	Reporting Year	2005/2006	Cumulative Life to
			Costs	Date
	Utility direct costs (\$):	Incremental capital:	\$ -	\$ -
		Incremental O&M:	\$ 4,000.00	\$ 4,000.00
		Incentive:	\$ -	\$ -
		Total:	\$ 4,000.00	\$ 4,000.00
	Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -
		Incremental O&M:	\$ -	\$ -
		Total:	\$ -	\$ -
	Total Utility Cost of Program		\$ 4,000.00	\$ 4,000.00

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** BlueLine Monitor Program

Description of the program (including intent, design, delivery, partnerships and evaluation):

Loan to customers a BlueLine Load Monitor for monitoring total residential load. The program loans a monitor for a month period to encourage the customer to learn about their consumption and take steps to reduce.

Measure(s):

	Measure 1	Measure 2	Measure 3	Measure 4
Base case technology:	0	0.00	0.00	0.00
Efficient technology:	0	0.00	0.00	0.00
Number of participants or units delivered:	120.00	0.00	0.00	0.00
Measure life (years):	0.00	0.00	0.00	0.00
Number of participants/units 05&06				
Number of Participants or units delivered life-to-date	120.00	0.00	0.00	0.00

TRC Results:		Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
B. ¹ TRC Benefits (\$):		\$ -		\$ -
² Measure's Costs (\$):				
	Utility program cost (less incentives):	\$ 3,604.28		\$ 3,604.28
	Participant cost:	\$ -		\$ -
	Total TRC costs:	\$ 3,604.28	\$ -	\$ 3,604.28
	Net TRC (in year CDN \$):	-\$3,604.28	\$ -	-\$ 3,604.28
	Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	#DIV/0!	\$ -

Results: (one or more category may apply)			Cumulative Results:	
Conservation Programs:			Report Summer Demand (kW)	
Demand savings (kW):	Summer	0.00	0.00	
	Winter	0.00		
			Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):	lifecycle	in year	0	0
	0.00	0.00	Total 05&06 Lifecycle	05&06 Annual
Other resources saved :				
	Natural Gas (m3):	0		
	Water (l)	0		

Program Costs*:		Total 05&06 Costs	Cumulative Life to Date
Utility direct costs (\$):	Incremental capital:	\$ -	\$ -
	Incremental O&M:	\$ 3,604.28	\$ 3,604.28
	Incentive:	\$ -	\$ -
	Total:	\$ 3,604.28	\$ 3,604.28
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -
	Total:	\$ -	\$ -
Total Utility Cost of Program		\$ 3,604.28	\$ 3,604.28

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** School Program - Dearness Environmental Society

Description of the program (including intent, design, delivery, partnerships and evaluation):

Sponsored conservation energy support for the Grade 5 and 9 curriculum. Contracted with Dearness Environmental Society to deliver their program to interested schools, both primary and secondary. As part of the program provided Kill-A-Watt Meters for each classroom and CFL packs for each student participating in the program.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:	1,020.00		
Measure life (months):	41.38		
Number of participants or units 2005			
Number of Participants or units delivered life-to-date	1,020.00		

TRC Results:	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
B. ¹ TRC Benefits (\$):	\$ 13,480.22		\$ 13,480.22
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ 9,801.75		\$ 9,801.75
Incremental Measure Costs (Equipment Costs)	\$ 2,065.50		\$ 2,065.50
Total TRC costs:	\$ 11,867.25	\$ -	\$ 11,867.25
Net TRC (in year CDN \$):	\$ 1,612.97	\$ -	\$ 1,612.97
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	1.14	#DIV/0!	\$ 1.14

C. **Results:** (one or more category may apply) **Cumulative Results:**

Conservation Programs:

Demand savings (kW):	Summer	0.00	Report Summer Demand (kW)	
	Winter	13.31	0.00	
	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):	212,976.00	61,763.04	212976	61763.04
			Total 05&06 Lifecycle	Total 05&06 Annual
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

Program Costs*:	Reporting Year	Total 05&06 Costs	Cumulative Life to Date
Utility direct costs (\$):			
Incremental capital:	\$ -		\$ -
Incremental O&M:	\$ 11,841.75		\$ 11,841.75
Incentive:	\$ -		\$ -
Total:	\$ 11,841.75	\$ -	\$ 11,841.75
Utility indirect costs (\$):			
Incremental capital:	\$ -		\$ -
Incremental O&M:	\$ -		\$ -
Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program	\$ 11,841.75	\$ -	\$ 11,841.75

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Promotional Kits

Description of the program (including intent, design, delivery, partnerships and evaluation):

Prepared energy efficiency kits for general use with customers and other programs. Kit contained CFL light bulb, outlet seals, outlet safety plugs and power bar. Kits were used when making contact with customers to support the energy conservation message by providing simple tools for implementation. Kits were provided in a conservation bag that could be used for other purposes after the measures were applied.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
<i>Base case technology:</i>	0		
<i>Efficient technology:</i>	Energy Efficiency Kit		
<i>Number of participants or units delivered:</i>	700.00		
<i>Measure life (months):</i>	41.38		
<i>Number of participants or units 2005</i>			
<i>Number of Participants or units delivered life-to-date</i>	700.00		

TRC Results:	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
B. ¹ TRC Benefits (\$):	\$ 9,251.13		\$ 9,251.13
² TRC Costs (\$):			
<i>Utility program cost (less incentives):</i>	\$ 6,472.14		\$ 6,472.14
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ 1,417.50		\$ 1,417.50
<i>Total TRC costs:</i>	\$ 7,889.64	\$ -	\$ 7,889.64
<i>Net TRC (in year CDN \$):</i>	\$ 1,361.49	\$ -	\$ 1,361.49
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	1.17	#DIV/0!	\$ 1.17

C. Results: (one or more category may apply)			Cumulative Results:	
Conservation Programs:				
<i>Demand savings (kW):</i>	<i>Summer</i>	0.00	Report Summer Demand (kW)	
	<i>Winter</i>	9.14	0.00	
<i>Energy saved (kWh):</i>	<i>lifecycle</i>	146,160.00	Cumulative Lifecycle	Cumulative Annual Savings
	<i>in year</i>	42,386.40	146160	42386.4
			<i>Total 05&06 Lifecycle</i>	<i>Total 05&06 Annual</i>
<i>Other resources saved :</i>				
<i>Natural Gas (m3):</i>	0	0		
<i>Water (l)</i>	0	0		

D. Program Costs*:		Reporting Year	Total 05&06 Costs	Cumulative Life to Date
<i>Utility direct costs (\$):</i>	<i>Incremental capital:</i>	\$ -		\$ -
	<i>Incremental O&M:</i>	\$ 7,872.14		\$ 7,872.14
	<i>Incentive:</i>	\$ -		\$ -
	<i>Total:</i>	\$ 7,872.14	\$ -	\$ 7,872.14
<i>Utility indirect costs (\$):</i>	<i>Incremental capital:</i>	\$ -		\$ -
	<i>Incremental O&M:</i>	\$ -		\$ -
	<i>Total:</i>	\$ -	\$ -	\$ -
<i>Total Utility Cost of Program</i>		\$ 7,872.14	\$ -	\$ 7,872.14

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Light Bulb Giveaway

Description of the program (including intent, design, delivery, partnerships and evaluation):

Parry Sound Power undertook a CFL bulb giveaway program to help reduce customer consumption and educate the overall group in conservation ideas and trends. Provided units during 2006 and 2007

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	40 Watt Incandescent		
Efficient technology:	13 W CFL		
Number of participants or units delivered:	340.00		
Measure life (months):	41.38		
Number of participants or units 05/06	300		
Number of Participants or units delivered life-to-date	640.00		

	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
TRC Results:			
¹ TRC Benefits (\$):	\$ 4,493.41	\$ 3,545.31	\$ 8,038.72
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ 3,267.00	\$ 607.50	\$ 3,874.50
Incremental Measure Costs (Equipment Costs)	\$ 688.50	\$ 688.50	\$ 688.50
Total TRC costs:	\$ 3,955.50	\$ 607.50	\$ 4,563.00
Net TRC (in year CDN \$):	\$ 537.91	\$ 2,937.81	\$ 3,475.72
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	1.14	\$ 5.84	\$ 1.76

C. **Results:** (one or more category may apply)

Cumulative Results:

Conservation Programs:

			Report Summer Demand (kW)	
Demand savings (kW):	Summer	0.00	0.00	
	Winter	4.44		
Energy saved (kWh):	lifecycle	70,992.00	in year	20,587.68
			Cumulative Lifecycle	133632
			Cumulative Annual Savings	38753.28
			Total 05&06 Lifecycle	62640
			Total 05&06 Annual	18165.6
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

		Reporting Year	Total 05&06 Costs	Cumulative Life to Date
Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
	Incremental O&M:	\$ 3,947.00	\$ 1,053.00	\$ 5,000.00
	Incentive:	\$ -	\$ -	\$ -
	Total:	\$ 3,947.00	\$ 1,053.00	\$ 5,000.00
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -	\$ -
	Total:	\$ -	\$ -	\$ -
	Total Utility Cost of Program		\$ 3,947.00	1,053.00

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Conversion of Traffic Lights - complete intersections

Description of the program (including intent, design, delivery, partnerships and evaluation):

An incentive was offered to municipalities for the change out of incandescent traffic lights. Nine intersections were changed to LEDs. In addition to the energy savings the additional savings which impacts on the discounted measures cost is the avoided cost of labour to change the incandescent lights.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Incandescent traffic control bulbs		
Efficient technology:	LED Bulbs		
Number of participants or units delivered:	255.00		
Measure life (months):	60.00		
Number of participants or units 2005			
Number of Participants or units delivered life-to-date	255.00		

TRC Results:	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
¹ TRC Benefits (\$):	\$ 28,069.99		\$ 28,069.99
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -		\$ -
Incremental Measure Costs (Equipment Costs)	-\$ 23,868.00		-\$ 23,868.00
Total TRC costs:	-\$ 23,868.00	\$ -	-\$ 23,868.00
Net TRC (in year CDN \$):	\$ 51,937.99	\$ -	\$ 51,937.99
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	-1.18	#DIV/0!	-\$ 1.18

Results: (one or more category may apply)			Cumulative Results:	
Conservation Programs:				
Demand savings (kW):	Summer	10.10	Report Summer Demand (kW)	
	Winter	10.10	10.10	
Energy saved (kWh):	lifecycle	441,500.63	in year	88,300.13
			Cumulative Lifecycle	441500.625
			Cumulative Annual Savings	88300.125
			Total 05&06 Lifecycle	Total 05&06 Annual
Other resources saved :				
Natural Gas (m3):		0		0
Water (l)		0		0

Program Costs*:		Reporting Year	Total 05&06 Costs	Cumulative Life to Date
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Incentive:	\$ 19,999.65		\$ 19,999.65
	Total:	\$ 19,999.65	\$ -	\$ 19,999.65
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 19,999.65	\$ -	\$ 19,999.65

E. **Assumptions & Comments:**

Incremental measures cost takes into account the avoided cost of relamping the incandescent.

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Window Treatment Film

Description of the program (including intent, design, delivery, partnerships and evaluation):

Install window treatment film to reduce solar gain in the summer time on south facing windows. Installation at Belvedere Heights Seniors Residence that operates 24x7. Large south facing windows that result in significant solar gain.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
<i>Base case technology:</i>	No film		
<i>Efficient technology:</i>	Treatment Film Installed - South facing		
<i>Number of participants or units delivered:</i>	1.00	0	0
<i>Measure life (years):</i>	5.00		
<i>Number of participants or units 05/06</i>			
<i>Number of Participants or units delivered life-to-date</i>	1.00		

B. TRC Results:	Reporting Year	2005/2006 TRC	Life-to-date
		Results	TRC Results:
¹ TRC Benefits (\$):	\$ 10,237.47	\$ -	\$ 10,237.47
² TRC Costs (\$):			
<i>Utility program cost (less incentives):</i>	\$ -		\$ -
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ 9,000.00		\$ 9,000.00
<i>Total TRC costs:</i>	\$ 9,000.00	\$ -	\$ 9,000.00
Net TRC (in year CDN \$):	\$ 1,237.47	\$ -	\$ 1,237.47
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	1.14	#DIV/0!	\$ 1.14

C. Results: (one or more category may apply)			Cumulative Results:	
Conservation Programs:				
<i>Demand savings (kW):</i>	<i>Summer</i>	10.35	Report Winter Demand (kW)	
	<i>Winter</i>	0.00	0.00	
<i>Energy saved (kWh):</i>	<i>lifecycle</i>	115,425.00	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
	<i>in year</i>	23,085.00	115425	23085
			<i>2005 Lifecycle</i>	<i>2005 Annual</i>
<i>Other resources saved :</i>				
<i>Natural Gas (m3):</i>	0	0		
<i>Water (l)</i>	0	0		

D. Program Costs*:	Reporting Year	2005 Costs	Cumulative
			Life to Date
<i>Utility direct costs (\$):</i>			
<i>Incremental capital:</i>	\$ -		\$ -
<i>Incremental O&M:</i>	\$ 10,000.00		\$ 10,000.00
<i>Incentive:</i>	\$ -		\$ -
<i>Total:</i>	\$ 10,000.00	\$ -	\$ 10,000.00
<i>Utility indirect costs (\$):</i>			
<i>Incremental capital:</i>	\$ -		\$ -
<i>Incremental O&M:</i>	\$ -		\$ -
<i>Total:</i>	\$ -	\$ -	\$ -
Total Utility Cost of Program	\$ 10,000.00	\$ -	10,000.00