



Cornerstone Hydro Electric Concepts Association Inc.

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

Conservation and Demand Management 2007 Annual Report

1.0 Introduction:

This report summarizes the activity and successes of the Cornerstone Hydro Electric Concepts (CHEC) Group with respect to conservation and demand management undertaken in 2007. Included in this document are the sixteen (16) individual reports from the CHEC members that discuss their specific program activities and the associated insights of the members.

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. In 2006 one LDC had exhausted their third tranche funding and continued to support the conservation effort by participating in the OPA programs. In 2007 five LDCs completed their third tranche expenditures with three others very close to completing their plans. Eight CHEC members requested extensions on their programs to facilitate completion of the plan.

The individual reports from each utility provides to the reader a better understanding of the activity and focus of each utility while this summary report provides an overview of the impact of this combined effort.

Within the 16 utilities there have been a total of 84 initiatives worked on in 2007. As in previous years the initiatives represent projects specific to individual LDCs and projects that are cooperative efforts between LDCs or agencies (local and OPA programs). While there were 84 initiatives included in the reporting many of the reports contained a number of separate activities joined in one Appendix B.

On the population of 84 initiatives, 37% had a positive TRC. Many 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 2007 the LDCs received additional funding through the OPA model. These additional funds combined with the third tranche funds maintained a high level of CDM activity across the province. In 2007 it was apparent that through the cooperative programs with the LDCs, the OPA gained recognition in the CDM market place. The availability of third tranche funds beyond September 2007

for some LDCs, allows the continuation of locally focused programs over and above the provincial initiatives.

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 CHEC Members:

The 2007 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 2007 their numbers are restated to maintain the completeness of the report.

3.0 Evaluation of the CDM Plan:

Total Portfolio: The 16 CHEC members collectively undertook a total of 84 initiatives. These programs fell within three categories:

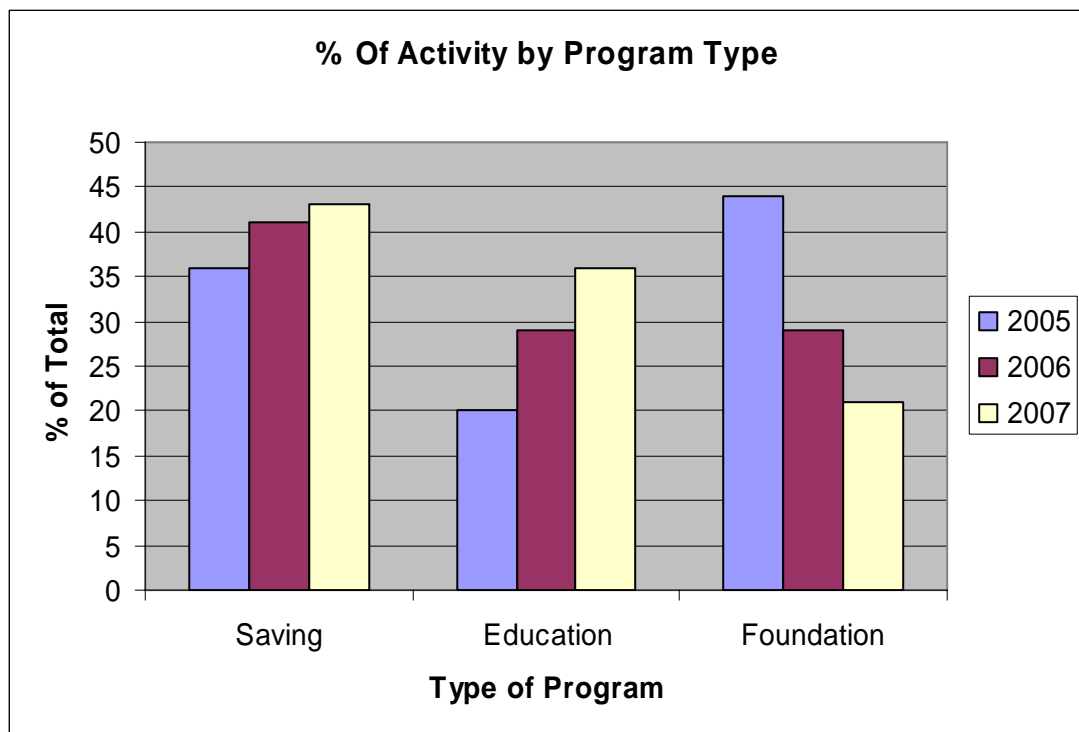
- Savings: Delivery of energy saving products or processes: coupons, rebates, free products, etc.
- Education: Providing general energy management information through such activities as: website development, workshops, brochures, school programs, etc,
- Foundation: Preparatory work for future programs 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 2007 initiatives represent a total energy savings (lifecycle) of 35,848,000 kWh at a combined “Utility Cost” of \$1,176,700 or approximately 3.2 c/kWh. This cost of energy saved was achieved while continuing the education and foundation building programs. To put the energy savings in perspective 35.8 Million kWh represents the annual energy required by 2,983 homes (at 1000 kWh/month).

Figure 1 illustrates the change in program makeup from 2005 to 2007. Over the three year period there has been a steady increase in the “saving” and “education” programs. This was offset by a steady decrease in the “foundation” programs. Many of the education programs also incorporated measures to assist participants in their conservation efforts.

The “Foundation” programs in the third year, in many instances, were completion of projects started in the first and second years. In other projects the initiative provides the consumer with specific information that will assist them to implement energy conservation strategies and more fully participate in future programs offered through the LDC/OPA delivery channel.

Figure 1



Savings Programs: The 2007 Annual Report does not contain any of the OPA program results run in 2007. The cumulative number however does contain the impact of OPA coupon programs in 2006. Hence for 2007 the programs which resulted in a net 2007 TRC were all locally driven.

On the local level savings programs continued to focus on local partnerships and delivery channels. This year a number of projects partnered with other community agencies such as social housing to contact customer groups that may not have the opportunity to be fully engaged by the conservation movement.

The use of product incentives and give-a-ways continued to play a significant role in the local programming. Conservation kits, CFL bulbs and other conservation devices were distributed to customers through: school programs, fund raisers, community events and as prizes. A number of utilities also partnered with the Porchlight Project to increase the number of CFL bulbs delivered in their service territory.

System optimization projects continue to be included in the portfolio. The savings by these initiatives can be substantial when compared to the incremental cost. Further initiatives in this area can continue to provide for reduced losses on the systems and the associated demand for energy.

Education Programs: The CHEC LDC's continued their support of the education portfolio and the School Boards in their service territories. Through presentations at schools, support of program development and partnering with delivery agents such as environmental groups, LDCs supported the grade 5 and 9 curriculum. The LDCs involvement helped support the teachers in their efforts and highlighted that conservation is an issue beyond the "academic" environment.

Members continued providing training opportunities to the commercial and industrial sector. A number of programs focused on the small commercial customer and provided conservation measures for installation. In this sector this appeared to be one of the best approaches. Industrial customers continue to be a challenge as it appeared to be difficult to get them to free up time and dollars for conservation. The workshops and materials provided by member LDCs will help to better prepare the customers for such programs as ERIP. However continued focus on this customer group, making efforts to understand and address their specific barriers to conservation will be required.

The education programs, while not focused on kWh savings set the stage for improved performance of programs more focused on savings. The education initiatives increase the level of conservation awareness and help to foster the conservation culture within the province.

Foundation Program: While the number of "foundation" programs were on a decline, as would be expected, they remain significant. In 2007 the "foundation" programs contained a number of audit initiatives to provide specific information to the customer for savings. While in many instances implementation has not occurred it is anticipated that a number of these will encourage participation in programs such as ERIP.

In 2007 the longer term "foundation" programs such as: system optimization studies, smart meter preparation, and demonstration projects were completed, consistent with the funding.

Net TRC Results: The net TRC result of the combined CHEC CDM activity for 2007 is \$882,739 down from \$3,800,000 in 2006 however up from \$500,000 in 2005. The TRC for the second year of the program was skewed by the EKC programs that were included in the 2006 Annual Report. The continued strong performance in the third year resulted from higher levels of activity of utilities with funds remaining and the inclusion of conservation measures in education programs. Education programs are an excellent way to support the theory with practical applications and implementation.

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. The complete Annual CDM Report for each utility is included in the appendices.

5.0 Lessons Learned:

Partnerships and Sharing: In the 2006 report it was noted that the ability to partner was increased in year two. In year three the trend continued with a number of not-for-profit agencies entering into partnerships with CHEC members. These partnerships were community centered and in many cases very cost effective.

The availability of funds at the local level to support these initiatives increased the penetration of projects in the service territories. Continuation of funds at the local level (perhaps through custom programs) to ensure the continuation of the current momentum, should prove beneficial to the conservation movement and the conservation culture that has developed.

CHEC members continue to share information between members and also with other LDCs. Combined efforts for the purchase of product and resources continue to support the conservation efforts of CHEC.

TRC: TRC continues to be one of the primary measures of third tranche programs and the OEB Guideline has been key in the general understanding of total resource costing as applied to the electrical system. This understanding will continue as the OPA applies TRC to future programs. It is interesting to note that the values of measures under the OPA evaluation method are different from those in the OEB tool.

Funding: A number of CHEC members have extended the time line for third tranche funding. The extensions in many instances have been focused around industrial commercial funds that have not been fully utilized. The longer lead time for industry to respond and the introduction of OPA programs has impacted

on the expenditure of these funds. However the availability of the funds for a slightly longer period will provide opportunities for early 2008.

Third Tranche and OPA Programs: Third tranche CDM Programs were impacted by the OPA Programs introduced in 2006 and 2007. Programs such as the coupon program, ERIP and Peak Saver in many instances were very similar or extensions of programs developed with third tranche funds. As such LDCs stepped back and reevaluated their plans to adjust for the provincial initiative. By adjusting their programs LDCs ensured they were not duplicating efforts and were in fact investing third tranche funds in areas that were not being addressed by existing programs.

Customer Readiness: The residential customers have been responsive to programs over the three year period. Small surveys by members and anecdotal comments appear to indicate an increased awareness and readiness for electrical conservation – indicators of the development of the “conservation culture”.

As noted earlier the industrial and commercial customers continue to present a challenge. This sector appears to be aware of potential opportunities however lack the resources for evaluation and implementation of projects that do not appear focused to their core business. With the preparatory work over the last three years it is hoped that this customer sector is better prepared to move into implementation as the CDM industry continues with offerings that better meet their needs.

Utility Resources: Utility resources were challenged to meet the combined requirements of third tranche and OPA programs. In many instances the LDCs contracted internal resources or hired external consultants to assist with program management and delivery. It was found however that in many instances regular staff continues to play a critical role in setting the direction, reporting and monitoring the programs. The ability to manage these requirements as the industry moves forward continues to be an issue LDCs will need to address.

6.0 Conclusion:

The third year of CDM continued to deliver information, kWh savings and the support to the conservation culture.

While third tranche funding is coming to an end the conservation and demand management momentum started by the LDC programs will continue through the current OPA/LDC funding mechanism. The third tranche funding allowed for local initiatives that not only provided kWh savings but provided education opportunities aimed at preparing customers for future savings.

7.0 Appendices:

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Individual Utility CDM 2006 Annual Report RP-2004-0203/EB-2004-0502

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Ontario Energy Board File number RP-2004-0203/EB-2004-0502

2007 Annual Report

Conservation and Demand Management Activities

Introduction:

Rideau St. Lawrence Distribution Inc. has completed its third year in the delivery of Conservation and Demand Management programs.

Program approval for Conservation and Demand Management expenditures was given as a Final order by the Ontario Energy Board on February 8, 2005. Rideau applied for, and received approval for CDM plan spending of \$120,000 consistent with the third installment of its incremental MARR.

This report covers the period from January 1, 2007 to December 31, 2007.

The year 2007 could best be described as a year of continued learning for Rideau. CDM programs were not previously a part of the day to day business for the company. Awareness amongst customer and utility staff needed to be reinforced. Programs which did not require large amounts of capital investment for on-going infrastructure have been targeted during this third tranche period.

Early in 2007 it was known that the OPA was newly and heavily involved in planning CD & M programming in partnership with the LDC's. Rideau was aware and watchful of the development of the OPA role in programming and put their own programming on hold until the OPA's plans were known. Rideau wanted to avoid any duplication of effort, by the OPA.

In July of 2007 Rideau made an application to the Board for the reallocation of third tranche CD & M spending to undertake a smart metering pilot project. The proposed project would have used the balance of the third tranche funds available to Rideau. In December of 2007, Rideau received the Board's reply that did not allow Rideau to undertake the proposed program based on the guidelines for Smart Metering Pilots, published by the Board in September 2007. As spending was put on hold, and in the absence of having received a reply from the Board, Rideau along with seven other members of the CHEC group filed an application to extend the Approved 3rd tranche spending past the September 30, 2007 deadline. Approval for the extension was given on October 1, 2007 by the Board.

Due to the unknown status of applications, spending had been curtailed for 2007.

2007 Projects

Education and Poster Contest: Rideau provided in-school presentations to all elementary schools in their service territory. A total of 10 schools were included covering about 1500 students. Practical demonstrations and participatory presentations were given to all students. The program was developed and delivered to different age groups within each school.

Feedback in the form of questionnaires were requested and received from the teachers in order to measure the effectiveness of the program. Feedback proved to be very positive.

As a follow up and re-enforcement of the educational presentation Rideau offered a poster contest to the children. The children's posters were to show what conservation meant to them. The posters were judged by an independent panel and prizes awarded to the four selected the best based on criteria given to the judges.

The four winning posters were then incorporated into a single poster that is used by Rideau in its offices and events as part of the "Conservation Message".

Energy Crunch Kits: Rideau in a joint purchasing effort with other member of the CHEC group purchased 250 Energy Crunch Kits. Each kit consists of:

- 2 - 15 watt CFL's
- 1 - 20 watt CFL
- 12 – Draft stoppers (around electrical outlets)
- 12 - plugs for electrical outlets
- 20 feet of weather stripping
- A power tips information piece for conservation

These kits have been given out at community events and also with customer's participation in the Watts UP meter loan program as a thank you for the return of the Watts Up meter.

System Optimization:

This project will provide Rideau St. Lawrence the opportunity to identify and reduce system losses and optimize performance on its distribution system. This is a multi-stepped process consisting of:

1. Constructing an accurate system model of the Rideau St. Lawrence distribution system suitable for analysis with Dromey DESS software.

2. Performing system analysis to assess overall system losses, opportunities for mitigation investments, and impacts of those investments on reducing losses.
3. Align highest value loss mitigation opportunities with Total Resource Cost criteria, and perform TRC analysis as required using EnerSpectrum Group's TRC Calculator.

The final report is due in January 2008.

2. Evaluation of CDM Plan

Appendix A of the OEB's annual reporting guidelines is attached and forms part of this report.

Overall TRC was positive. This was driven primarily by the Energy Crunch kits. System Optimization Studies and the Educational program did not create a positive TRC.

3. Discussion of Programs

Appendix B of the OEB's annual reporting guidelines is attached and forms part of this report.

4. Lessons Learned

We have learned that some of the programs that Rideau was considering offering to its' customers, were very similar in nature to those undertaken by the OPA. It is apparent that there should not be duplication in these efforts.

The Educational program delivered this year – although it does not provide a positive TRC will be beneficial if re-delivered to reinforce the ideas – over time. We see this similar in education to the “Blue Box program”, where in many cases the children were the initial drivers in the home, based on what they have been shown in school. As was witnessed in the schools during the presentations the children are extremely keen on the conservation message.

With the slate of programs to be offered by the OPA in the near future, it will be important that we do not overlap or duplicate each others efforts. We were able to avoid duplication by delaying Rideau's programming until the OPA's direction was clear.

5. Conclusion

Due to the status of applications by Rideau and the event of new programming offered by the OPA, programs completed in 2007 were limited.

Based on our review of the results of programming completed in 2007, we would re-iterate our previous thoughts, that programs should not be strictly evaluated based on the results of the TRC model. Projects such as our system optimization may or may not yield a positive TRC. The study in itself will have a negative TRC. Modifications suggested as a result of the study will be investigated and evaluated using the TRC as a guide. Educational programs which are evaluated in the same manner, do not yield the positive TRC, but form an important basis for moving customers attitude and

LDC's must be in communication and completely informed prior to the launch of any new programs to ensure there is no duplication of effort with the OPA offerings. Complimentary programming should be encouraged.

This report respectfully submitted on behalf of Rideau St. Lawrence Distribution Inc.

John Walsh
President and Chief Executive Officer

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.

	⁵ Cumulative Totals Life-to-date	Total for 2007	Residential	Commercial	Institutional	Industrial	Agricultural	LDC System	⁴ Smart Meters	Other #1	Other #2
Net TRC value (\$):	190,099.69	\$ 1,029	\$ 16,848	\$ -	\$ -	\$ -	\$ -	\$ (15,819)		\$ -	\$ -
Benefit to cost ratio:	3.79	1.06	10.98	0.00	0.00	0.00	0.00	0.00		0.00	0.00
Number of participants or units delivered:	17,616	2,252	750	0	0	1	0	1,501		0	0
Lifecycle (kWh) Savings:	4,956,065.72	326,250	326,250	0	0	0	0	0		0	0
Report Year Total kWh saved (kWh):	686,807.41	75,691	75,690	1	0	0	0	0		0	0
Total peak demand saved (kW):		16	16	0	0	0	0	0		0	0
Total kWh saved as a percentage of total kWh delivered (%):	0.19%	0.07%									
Peak kW saved as a percentage of LDC peak kW load (%):		0.07%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%		0%	0%
¹ Report Year Gross C&DM expenditures (\$):	71,529.73	\$ 19,662	\$ 3,843	\$ -	\$ -	\$ -	\$ -	\$ 15,819	\$ -	\$ -	\$ -
² Expenditures per kWh saved (\$/kWh):	\$ 0.01	\$ 0.06	\$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
³ Expenditures per kW saved (\$/kW):		\$ 1,205.36	\$ 235.59	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
Utility discount rate (%):	6.47										

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.

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

Appendix C - Program and Portfolio Totals

Report Year: 2007

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 (\$)
Energy Cruch Kits	\$ 18,536	\$ 1,688	\$ 16,848	10.98	75,690	326,250	16	\$ 3,843
Spring Every Kilowatt Counts (EKC) I	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Customer Survey	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Fall Every Kilowatt Counts (EKC) Prc	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Switch to Cold Water Wash Coupon I	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Energy Audits/Projects	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Lighten Your Electricity Bill Coupon F	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Conservation Brochure	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Name of Program I			\$ -	0.00				
Name of Program J			\$ -	0.00				
*Totals App. B - Residential	\$ 18,536	\$ 1,688	\$ 16,848	10.98	75,690	326,250	16	\$ 3,843
Residential Indirect Costs not attributable to any specific program	\$ -				Total Residential kWh Delivered in 2007			
Total Residential TRC Costs		\$ 1,688			System Peak in 2007		23,170	
**Totals TRC - Residential	\$ 18,536	\$ 1,688	\$ 16,848	10.98				

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	1			
*Totals App. B -	\$ -	\$ -	\$ -	0.00	1	0	0	\$ -
Commercial Indirect Costs not attributable to any specific program	\$ -				Total Commercial kWh Delivered in 2007			
Total TRC Costs		\$ -			System Peak in 2007		23,170	
**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 (\$)
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 -	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Institutional Indirect Costs not attributable to any specific program	\$ -				Total Institutional kWh Delivered in 2007			
Total TRC Costs		\$ -			System Peak in 2007		23,170	
**Totals TRC - Institutional	\$ -	\$ -	\$ -	0.00				

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 (\$)
Energy Management Workshop	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
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 -	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Industrial Indirect Costs not attributable to any specific program					Total Industrial kWh Delivered in 2007			
Total TRC Costs		\$ -			System Peak in 2007		23,170	
**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 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 -	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Agricultural Indirect Costs not attributable to any specific program					Total Agricultural kWh Delivered in 2007			
Total TRC Costs		\$ -			System Peak in 2007		23,170	
**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 (\$)
School Conservation Education and System Optimization Study	\$ -	\$ 3,521	\$ -3,521	0.00	0	0	0	\$ 3,521
Conservation Website	\$ -	\$ 12,299	\$ -12,299	0.00	0	0	0	\$ 12,299
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 -	\$ -	\$ 15,819	\$ -15,819	0.00	0	0	0	\$ 15,819
LDC System Indirect Costs not attributable to any specific program					Total Losses kWh Delivered in 2007			
Total TRC Costs		\$ 15,819			System Peak in 2007		23,170	
**Totals TRC - LDC System	\$ -	\$ 15,819	\$ -15,819	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 (\$) →

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 -	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Other #1 Indirect Costs not attributable to any specific program →					Total Other kWh Delivered in 2007			
Total TRC Costs		\$ -			System Peak in 2007		23,170	
**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 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 -	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Other #2 Indirect Costs not attributable to any specific program →					Total Other kWh Delivered in 2007			
Total TRC Costs		\$ -			System Peak in 2007		23,170	
**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	\$ 18,536	\$ 17,507	\$ 1,029	1.06	\$ 75,691	\$ 326,250	\$ 16	\$ 19,662
Any other Indirect Costs not attributable to any specific program →					Total kWh Delivered in 2007		112,630,234.00	
TOTAL ALL LDC COSTS		\$ 17,507			System Peak in 2007		23,170	
**LDC' PORTFOLIO TRC	\$ 18,536	\$ 17,507	\$ 1,029	1.06				
					Total kWh Delivered 05/06		243,626,242.00	

* 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 section for each program)

A. **Name of the Program:** School Conservation Education and Poster Contest

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

- To provide useful education and demonstration of energy conservation appliances and ideas for conservation that can be used around the home and school. A poster contest was launched immediately after the school sessions to measure the interest and retention of the children. Program was run in all elementary schools in our area.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
<i>Base case technology:</i>	Existing Knowledge of Primary Schoolers		
<i>Efficient technology:</i>	New Knowledge of Conservation Ideas		
<i>Number of participants or units delivered:</i>	1,500.00	0	0
<i>Measure life (years):</i>	0.00		
<i>Number of participants or units 2005:</i>	0		
<i>Number of Participants or units delivered life-to-date</i>	1,500.00		

TRC Results:

	Reporting Year	2005 TRC Results	Life-to-date TRC Results:
¹ TRC Benefits (\$):	\$ -		\$ -
² TRC Costs (\$):			
<i>Utility program cost (less incentives):</i>	\$ 3,520.60		\$ 3,520.60
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ -		\$ -
<i>Total TRC costs:</i>	\$ 3,520.60	\$ -	\$ 3,520.60
<i>Net TRC (in year CDN \$):</i>	\$ (3,520.60)	\$ -	\$ (3,520.60)
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	0.00	#DIV/0!	\$ -

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	0	
				<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		

Demand Management Programs:

<i>Controlled load (kW)</i>	
<i>Energy shifted On-peak to Mid-peak (kWh):</i>	
<i>Energy shifted On-peak to Off-peak (kWh):</i>	
<i>Energy shifted Mid-peak to Off-peak (kWh):</i>	

Demand Response Programs:

<i>Dispatchable load (kW):</i>	
--------------------------------	--

Peak hours dispatched in year (hours):

[Redacted]

Power Factor Correction Programs:

Amount of KVar installed (KVar):

[Redacted]

Distribution system power factor at beginning of year (%):

[Redacted]

Distribution system power factor at end of year (%):

[Redacted]

Line Loss Reduction Programs:

Peak load savings (kW):

[Redacted]

lifecycle

in year

Energy savngs (kWh):

[Redacted]

[Redacted]

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):

[Redacted]

Energy generated (kWh):

[Redacted]

Peak energy generated (kWh):

[Redacted]

Fuel type:

[Redacted]

Other Programs (specify):

Metric (specify):

[Redacted]

		Reporting Year	2005 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -	[Redacted]	\$ -
	Incremental O&M:	\$ 3,520.60	[Redacted]	\$ 3,520.60
	Incentive:	\$ -	[Redacted]	\$ -
	Total:	\$ 3,520.60	\$ -	\$ 3,520.60
Utility indirect costs (\$):	Incremental capital:	\$ -	[Redacted]	\$ -
	Incremental O&M:	\$ -	[Redacted]	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 3,520.60	\$ -	\$ 3,520.60

E. Assumptions & Comments:

[Redacted]

Provides children with hands -on types of examples of conservation in everyday life. Poster contest supports and reinforces leasd and concpets presented.

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, not the number of units times the net present value per unit b

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. Incurred (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Energy Cruch Kits

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

Energy savings kits including CFL's, weather stripping, wall plugs and draft stoppers. Given out at various events and customers with high bills .

Measure(s):

	Measure 1	Measure 2	Measure 3	Measure 4
<i>Base case technology:</i>	60 Watt Incandesent Light Bulb	75W Incandesent Bulb	0.00	0.00
<i>Efficient technology:</i>	CFL replacement 15w	20W CFL	0.00	0.00
<i>Number of participants or units delivered:</i>	500.00	250.00	0.00	0.00
<i>Measure life (years):</i>	4.31	4.31	0.00	0.00
<i>Number of participants or units 2005</i>				
<i>Number of Participants or units delivered life-to-date</i>	500.00	250.00	0.00	0.00

TRC Results:

	Reporting Year	2005 TRC Results	Life-to-date TRC Results:
<i>TRC Benefits (\$):</i>	\$ 18,535.64		\$ 18,535.64
<i>Measure's Costs (\$):</i>			
<i>Utility program cost (less incentives):</i>	\$ -		\$ -
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ 1,687.50		\$ 1,687.50
<i>Total TRC costs:</i>	\$ 1,687.50	\$ -	\$ 1,687.50
<i>Net TRC (in year CDN \$):</i>	\$16,848.14	\$ -	\$ 16,848.14
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	10.98	#DIV/0!	10.98

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

Cumulative Results:

Conservation Programs:

<i>Demand savings (kW):</i>	Summer	0.00	Report Winter Demand (kW)	
	Winter	16.31	0.00	
		<i>lifecycle</i>	<i>in year</i>	
<i>Energy saved (kWh):</i>		326,250.00	75,690.00	
				<i>Cumulative Lifecycle</i>
				<i>Cumulative Annual Savings</i>
				<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	

Demand Management Programs:

<i>Controlled load (kW)</i>	
<i>Energy shifted On-peak to Mid-peak (kWh):</i>	
<i>Energy shifted On-peak to Off-peak (kWh):</i>	
<i>Energy shifted Mid-peak to Off-peak (kWh):</i>	

Demand Response Programs:

<i>Dispatchable load (kW):</i>	
<i>Peak hours dispatched in year (hours):</i>	

Power Factor Correction Programs:

<i>Amount of KVar installed (KVar):</i>	
<i>Distribution system power factor at begining of year (%):</i>	
<i>Distribution system power factor at end of year (%):</i>	

Line Loss Reduction Programs:

Peak load savings (kW):		
	<i>lifecycle</i>	<i>in year</i>
Energy savngs (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>2005 Costs</u>		<u>Cumulative Life to</u>
				<u>Date</u>
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ 3,843.00		\$ 3,843.00
	Incentive:	\$ -		\$ -
	Total:	\$ 3,843.00	\$ -	\$ 3,843.00
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 3,843.00	\$ -	\$ 3,843.00

E. Assumptions & Comments:

[Redacted content]

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 numebr 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:** System Optimization Study

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

To map, examine, distribution system componenets and identify oppourtunities for effeciencies and reduce system losses.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Existing Distribution System		
Efficient technology:	Identify opportunities for efficiencies		
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):	\$ 12,298.89	\$ 33,442.00	\$ 45,740.89
	Incremental Measure Costs (Equipment Costs)	\$ -		\$ -
	Total TRC costs:	\$ 12,298.89	\$ 33,442.00	\$ 45,740.89
Net TRC (in year CDN \$):		-\$ 12,298.89	-\$ 33,442.00	-\$ 45,740.89
Benefit to Cost Ratio (TRC Benefits/TRC Costs):		0.00	\$ -	\$ -

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	0.00	Cumulative Lifecycle	Cumulative Annual Savings
	in year	0.00	0	0
Other resources saved :			2005 Lifecycle	2005 Annual
Natural Gas (m3):	0	0		
Water (l)	0	0		

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 begining of year (%):	

Distribution system power factor at end of year (%):

[Redacted]

Line Loss Reduction Programs:

Peak load savings (kW):

[Redacted]

lifecycle

in year

Energy savngs (kWh):

[Redacted]

[Redacted]

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):

[Redacted]

Energy generated (kWh):

[Redacted]

Peak energy generated (kWh):

[Redacted]

Fuel type:

[Redacted]

Other Programs (specify):

Metric (specify):

[Redacted]

		Reporting Year	2006 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC:L15	Incremental O&M:	\$ 12,298.89	\$ 33,442.00	\$ 45,740.89
	Incentive:	\$ -		\$ -
	Total:	\$ 12,298.89	\$ 33,442.00	\$ 45,740.89
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 12,298.89	\$ 33,442.00	\$ 45,740.89

E. Assumptions & Comments:

[Redacted]

Work in progress. To be completed in 2007.

1. Estimate should be estimated if costs have been incurred and the technology has been deployed. Estimate reflect the present value of the measure for the number of units deployed in the year, not the number of units times the net present value per unit b
 2. not a component of the TRC costs. However, payments made

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>	Incandescent bulbs	No Ceiling Fan	Manual On/Off	Manual Thermostats
<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</i>	477	7	84	10
<i>Number of Participants or units delivered life-to-date</i>	477.00	7.00	84.00	10.00

TRC Results:	Reporting Year	2005/2006 TRC Results	Life-to-date TRC Results:
B. <i>TRC Benefits (\$):</i>	\$ -	\$ 27,075.03	\$ 27,075.03
<i>Measure's Costs (\$):</i>			
<i>Utility program cost (less incentives):</i>	\$ -	\$ 200.00	\$ 200.00
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ -	\$ 2,760.75	\$ 2,760.75
<i>Total TRC costs:</i>	\$ -	\$ 2,960.75	\$ 2,960.75
<i>Net TRC (in year CDN \$):</i>	\$0.00	\$ 24,114.28	\$ 24,114.28
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ 9.14	\$ 9.14

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

Cumulative Results:

Conservation Programs:

<i>Demand savings (kW):</i>	<i>Summer</i>	<i>Winter</i>	Report Winter Demand (kW)	
			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	507663.72	61314.41
		507663.72	61314.41	
<i>Other resources saved :</i>				
<i>Natural Gas (m3):</i>	0	0		
<i>Water (l)</i>	0	0		

Demand Management Programs:

<i>Controlled load (kW)</i>	
<i>Energy shifted On-peak to Mid-peak (kWh):</i>	
<i>Energy shifted On-peak to Off-peak (kWh):</i>	
<i>Energy shifted Mid-peak to Off-peak (kWh):</i>	

Demand Response Programs:

<i>Dispatchable load (kW):</i>	
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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 savngs (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):

		<u>2005 Costs</u>		<u>Cumulative Life to</u>
				<u>Date</u>
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -	\$ 200.00	\$ 200.00
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 200.00	\$ 200.00
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	200.00	200.00

E. Assumptions & Comments:

Results include both direct mail and in-store coupons. Breakdown is as follows: Direct Mail: 94 coupons - CFL's 73, Timers 10, Pststats 8

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:** Customer Survey

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

Customer survey undertaken with members of the Cornerstone Hydroelectric Concepts 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:	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	2005/2006 TRC Results	Life-to-date TRC Results:
	¹ TRC Benefits (\$):	\$ -	\$ -
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 1,000.00	\$ 1,000.00
Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
Total TRC costs:	\$ -	\$ 1,000.00	\$ 1,000.00
Net TRC (in year CDN \$):	\$ -	-\$ 1,000.00	-\$ 1,000.00
 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	
Energy saved (kWh):	lifecycle	0.00	Cumulative Lifecycle	Cumulative Annual Savings
	in year	0.00	0	0
Other resources saved :			2005 Lifecycle	2005 Annual
	Natural Gas (m3):	0		
	Water (l)	0		

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 savngs (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):

		Reporting Year	05/06 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	Incremental O&M:	\$ -	\$ 1,000.00	\$ 1,000.00
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 1,000.00	\$ 1,000.00
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	\$ 1,000.00	\$ 1,000.00

E. Assumptions & Comments:

Survey undertaken for futrue planning of programs.

¹ times the net present value per unit b
² For technologies that have not been deployed earlier, when the LDC had measured costs, report only the TRC costs on a present value basis. Incentives (e.g., rebates) from the LDC to a customer do not a component of the TRC costs. However, payments made

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Energy Management Workshop

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

- To provide some practical ideas and tools to help small and medium industrial companies to actively manage and reduce energy consumption. Provided in partnership with Ministry of Economic Development and Trade and Hydro One

Measure(s):

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

B. TRC Results:	Reporting Year	2005/2006	Life-to-date
		TRC Results	TRC Results:
¹ TRC Benefits (\$):	\$ -		\$ -
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 1,000.00	\$ 1,000.00
Incremental Measure Costs (Equipment Costs)	\$ -		\$ -
Total TRC costs:	\$ -	\$ 1,000.00	\$ 1,000.00
Net TRC (in year CDN \$):	\$ -	-\$ 1,000.00	-\$ 1,000.00
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	
Energy saved (kWh):	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
			0	0
Other resources saved :	lifecycle	in year	2005 Lifecycle	2005 Annual
Natural Gas (m3):	0	0		
Water (l)	0	0		

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 savngs (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):

		Reporting Year	05/06 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
<i>Includes Measure's Cost - ensure full cost of measure entered in TRC!L15</i>				
	Incremental O&M:	\$ -	\$ 1,000.00	\$ 1,000.00
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 1,000.00	\$ 1,000.00
Utility indirect costs (\$):				
	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	1,000.00	1,000.00

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 numebr of units times the net present value per unit b

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

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	Measure 6
<i>Base case technology:</i>	Manual Thermostats	On/Off Switch	Incandescent bulbs	0.00	Manual Thermostat	Incandescent seasonal lights
<i>Efficient technology:</i>	BaseBoard Programable Thermostats	Dimmers	CFL's	Motion Sensor	ogramable Thermos	Seasonal LED Lights
<i>Number of participants or units delivered:</i>	0.00	0.00	0.00	0.00	0.00	0.00
<i>Measure life (years):</i>	18.00	10.00	4.00	20.00	18.00	30.00
<i>Number of participants or units 2005</i>	13	6	4276	6	87	1661
<i>Number of Participants or units delivered life-to-date</i>	13.00	6.00	4,276.00	6.00	87.00	1,661.00

TRC Results:	Reporting Year	2005/2006 TRC Results	Life-to-date TRC Results:
<i>TRC Benefits (\$):</i>	\$ -	\$ 185,755.00	\$ 185,755.00
<i>Measure's Costs (\$):</i>			
<i>Utility program cost (less incentives):</i>	\$ -	\$ 1,250.00	\$ 1,250.00
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ -	\$ -	\$ -
<i>Total TRC costs:</i>	\$ -	\$ 1,250.00	\$ 1,250.00
Net TRC (in year CDN \$):	\$0.00	\$ 184,505.00	\$ 184,505.00
 <i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ 148.60	\$ 148.60

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

Conservation Programs:

			Report Winter Demand (kW)	
	Summer	0.00	0.00	
	Winter	0.00		
			<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
<i>Energy saved (kWh):</i>	0.00	0.00	3551731	479349
			05/06 Lifecycle	05/06 Annual
			3551731	479349
<i>Other resources saved :</i>				
<i>Natural Gas (m3):</i>	0	0		
<i>Water (l)</i>	0	0		

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):

Energy savngs (kWh): lifecycle in year

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):

		<u>2005 Costs</u>		<u>Cumulative Life</u>
				<u>to Date</u>
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -	<input type="text"/>	\$ -
	Incremental O&M:	\$ -	\$ 1,250.00	\$ 1,250.00
	Incentive:	\$ -	<input type="text"/>	\$ -
	Total:	\$ -	\$ 1,250.00	\$ 1,250.00
Utility indirect costs (\$):	Incremental capital:	\$ -	<input type="text"/>	\$ -
	Incremental O&M:	\$ -	<input type="text"/>	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	\$ 1,250.00	\$ 1,250.00

E. Assumptions & Comments:

We have included both direct mail results and in-store coupon results. The direct mail results accounted for 210 products while the In-store results

¹ number of units times the net present value per unit benefit specified in the TRC Guide.

² 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

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Switch to Cold Water Wash Coupon Program

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

An energy conservation program aimed at providing a coupon rebate to residential customers for the purchase of Coldwater Tide. Coupon included in residential billing insert and redeemable at any participating store where Coldwater Tide is sold.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Warm Water Clothes Washing		
Efficient technology:	Warm Water Clothes Washing		
Number of participants or units delivered:	0.00	0	0
Measure life (years):	1.00		
Number of participants or units 2005	5086		
Number of Participants or units delivered life-to-date	5,086.00		

B. TRC Results:	Reporting Year	2005/2006	Life-to-date
		TRC Results	TRC Results:
¹ TRC Benefits (\$):	\$ -	\$ 553.76	\$ 553.76
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 500.00	\$ 500.00
Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
Total TRC costs:	\$ -	\$ 500.00	\$ 500.00
Net TRC (in year CDN \$):	\$ -	\$ 53.76	\$ 53.76
 <i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ 1.11	\$ 1.11

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	7800
			2005 Lifecycle	2005 Annual
			7800	7800
 <i>Other resources saved :</i>				
Natural Gas (m3):	0	0		
Water (l)	0	0		

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 savngs (kWh):

[Redacted]

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):

[Redacted]

Energy generated (kWh):

[Redacted]

Peak energy generated (kWh):

[Redacted]

Fuel type:

[Redacted]

Other Programs (specify):

Metric (specify):

[Redacted]

		Reporting Year	05/06 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
<i>Includes Measure's Cost - ensure full cost of measure entered in TRC!L15</i>				
	Incremental O&M:	\$ -	\$ 500.00	\$ 500.00
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 500.00	\$ 500.00
Utility indirect costs (\$):				
	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	\$ 500.00	\$ 500.00

E. Assumptions & Comments:

[Redacted]

Assumptions and Inputs provided by CEEA.

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 numebr of units times the net present value per unit b

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

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Energy Audits/Projects

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

Purchase and loaner program for two pieces of equipment that consumers can use to measure and monitor energy consumption.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Lack of Energy Measurement Equipment		
Efficient technology:	Energy Self Audit Equipment		
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		

	Reporting Year	Life-to-date	
		2005/2006 TRC Results	TRC Results:
¹ TRC Benefits (\$):	\$ -	\$ -	\$ -
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 1,560.00	\$ 1,560.00
Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
Total TRC costs:	\$ -	\$ 1,560.00	\$ 1,560.00
Net TRC (in year CDN \$):	\$ -	-\$ 1,560.00	-\$ 1,560.00

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	0.00	Cumulative Lifecycle	Cumulative Annual Savings
			2005 Lifecycle	2005 Annual
Other resources saved :				
Natural Gas (m3):		0	0	
Water (l)		0	0	

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 savngs (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): _____

		<u>Reporting Year</u>	<u>2005 Costs</u>	<u>Cumulative Life to Date</u>	
D.	<u>Program Costs*:</u>				
	Utility direct costs (\$):	Incremental capital:	\$ -	\$ -	
	Includes Measure's Cost - ensure full cost of measure entered in TRC/L15	Incremental O&M:	\$ -	\$ 1,560.00	\$ 1,560.00
		Incentive:	\$ -	\$ -	\$ -
		Total:	\$ -	\$ 1,560.00	\$ 1,560.00
	Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -	
		Incremental O&M:	\$ -	\$ -	
		Total:	\$ -	\$ -	
	Total Utility Cost of Program		\$ -	\$ 1,560.00	\$ 1,560.00

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 b

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

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Lighten Your Electricity Bill Coupon Program

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

• A 2005 project. An energy conservation program aimed at providing a coupon rebayte to residential customers for the purchase of various energy savings products.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
<i>Base case technology:</i>	Existing Technology		
<i>Efficient technology:</i>	Energy Efficient Upgrades		
<i>Number of participants or units delivered:</i>	0.00	0	0
<i>Measure life (years):</i>	0.00		
<i>Number of participants or units 2005</i>	648		
<i>Number of Participants or units delivered life-to-date</i>	648.00		

TRC Results:	Reporting Year	2005/2006 TRC Results	Life-to-date TRC Results:
B. ¹ TRC Benefits (\$):	\$ -	\$ 26,242.00	\$ 26,242.00
² TRC Costs (\$):			
<i>Utility program cost (less incentives):</i>	\$ -	\$ 1,153.00	\$ 1,153.00
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ -	\$ 2,829.00	\$ 2,829.00
<i>Total TRC costs:</i>	\$ -	\$ 3,982.00	\$ 3,982.00
Net TRC (in year CDN \$):	\$ -	\$ 22,260.00	\$ 22,260.00
 <i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ 6.59	\$ 6.59

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	562621	62654
			<i>05/06 Lifecycle</i>	<i>05/06 Annual</i>
			562621	62654
<i>Other resources saved :</i>				
<i>Natural Gas (m3):</i>	0	0		
<i>Water (l)</i>	0	0		

Demand Management Programs:

<i>Controlled load (kW)</i>	
<i>Energy shifted On-peak to Mid-peak (kWh):</i>	
<i>Energy shifted On-peak to Off-peak (kWh):</i>	
<i>Energy shifted Mid-peak to Off-peak (kWh):</i>	

Demand Response Programs:

<i>Dispatchable load (kW):</i>	
<i>Peak hours dispatched in year (hours):</i>	

Power Factor Correction Programs:

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

Line Loss Reduction Programs:

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

Distributed Generation and Load Displacement Programs:

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

[Redacted]

Other Programs (specify):

Metric (specify):

[Redacted]

		Reporting Year	2005 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC/L15	Incremental O&M:	\$ -	\$ 1,153.00	\$ 1,153.00
	Incentive:	\$ -	\$ 1,774.00	\$ 1,774.00
	Total:	\$ -	\$ 2,927.00	\$ 2,927.00
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -	\$ -	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	2,927.00	2,927.00

E. Assumptions & Comments:

[Redacted]

We have used the assumptions contained in the SeeLine report. We have included program incentive costs paid in 2006 but applicable to this 2005 program.

¹ present value per unit b

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

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Smart Metering Study

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

This is a 2005 Program. This program involved a technical evaluation of smart metering technology. In conjunction with approximately thirty-five LDC's working together in the Ontario Utilities Smart Metering Project (OUSM) various technologies were examined.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	Smart Metering Study		
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		

	TRC Results:	Reporting Year	2005 TRC Results	Life-to-date TRC Results:
B.	¹ TRC Benefits (\$):	\$ -	\$ -	\$ -
	² TRC Costs (\$):			
	Utility program cost (less incentives):	\$ -	\$ 5,128.24	\$ 5,128.24
	Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
	Total TRC costs:	\$ -	\$ 5,128.24	\$ 5,128.24
	Net TRC (in year CDN \$):	\$ -	\$ 5,128.24	\$ 5,128.24
	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	
Energy saved (kWh):	lifecycle	0.00	Cumulative Lifecycle	Cumulative Annual Savings
	in year	0.00	0	0
			2005 Lifecycle	2005 Annual
Other resources saved :				
	Natural Gas (m3):	0	0	
	Water (l)	0	0	

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):	0	
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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 savngs (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):

		<u>Reporting Year</u>	<u>2005 Costs</u>	<u>Cumulative Life to Date</u>
D. Program Costs*:	Utility direct costs (\$):	\$ -		\$ -
	Includes Measure's Cost - ensure full cost of measure entered in TRC/L15			
	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -	\$ 5,128.24	\$ 5,128.24
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 5,128.24	\$ 5,128.24
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	5,128.24	5,128.24

E. Assumptions & Comments:

Costs incurred as part of the technical evaluation of a number of smart metering technologies

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 b
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

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Conservation Brochure

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

In partnership with members of the CHEC group and one other LDC a re-print of the Ministry of Energy's conservation brochure for residential customers was reprinted and distributed.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
<i>Base case technology:</i>	Lack of Educational Material		
<i>Efficient technology:</i>	Customer information Brochure		
<i>Number of participants or units delivered:</i>	0.00	0	0
<i>Measure life (years):</i>	0.00		
<i>Number of participants or units 2005</i>	3000		
<i>Number of Participants or units delivered life-to-date</i>	3,000.00		

B. TRC Results:	Reporting Year	2005/2006	Life-to-date
		TRC Results	TRC Results:
¹ TRC Benefits (\$):	\$ -	\$ -	\$ -
² TRC Costs (\$):			
<i>Utility program cost (less incentives):</i>	\$ -	\$ 1,188.00	\$ 1,188.00
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ -	\$ -	\$ -
<i>Total TRC costs:</i>	\$ -	\$ 1,188.00	\$ 1,188.00
<i>Net TRC (in year CDN \$):</i>	\$ -	-\$ 1,188.00	-\$ 1,188.00
 <i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ -	\$ -

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>	0.00	<i>in year</i>	0.00
			<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
			0	0
			<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	

Demand Management Programs:

<i>Controlled load (kW)</i>	
<i>Energy shifted On-peak to Mid-peak (kWh):</i>	
<i>Energy shifted On-peak to Off-peak (kWh):</i>	
<i>Energy shifted Mid-peak to Off-peak (kWh):</i>	

Demand Response Programs:

<i>Dispatchable load (kW):</i>	
<i>Peak hours dispatched in year (hours):</i>	

Power Factor Correction Programs:

<i>Amount of KVar installed (KVar):</i>	
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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 savngs (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):

		<u>Reporting Year</u>	<u>2005 Costs</u>	<u>Cumulative Life to Date</u>
D. <u>Program Costs*:</u>				
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
<i>Includes Measure's Cost - ensure full cost of measure entered in TRCIL15</i>				
	Incremental O&M:	\$ -	\$ 1,188.00	\$ 1,188.00
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 1,188.00	\$ 1,188.00
Utility indirect costs (\$):				
	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	\$ 1,188.00	\$ 1,188.00

E. Assumptions & Comments:

This was an educational/information resource provided to customers.

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 numebr of units times the net present value per unit b

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

Appendix B - Discussion of the Program

(complete this section for each program)

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

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

•A 2005 Project. A cooperative initiative with the CHEC group members. The intent is to provide a educational/resource for items relating to energy conservation for all of our customer classes. .

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	No Existing Website		
Efficient technology:	Conservation Website		
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		

TRC Results:		Reporting Year	2005 TRC Results	Life-to-date TRC Results:
B.	¹ TRC Benefits (\$):	\$ -	\$ -	\$ -
	² TRC Costs (\$):			
	Utility program cost (less incentives):	\$ -	\$ 3,672.00	\$ 3,672.00
	Incremental Measure Costs (Equipment Costs)	\$ -		\$ -
	Total TRC costs:	\$ -	\$ 3,672.00	\$ 3,672.00
	Net TRC (in year CDN \$):	\$ -	-\$ 3,672.00	-\$ 3,672.00
	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	
Energy saved (kWh):	lifecycle	0.00	Cumulative Lifecycle	Cumulative Annual Savings
	in year	0.00	0	0
Other resources saved :			2005 Lifecycle	2005 Annual
Natural Gas (m3):	0	0	0	0
Water (l)	0	0		

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):

[Redacted]

Demand Response Programs:

Dispatchable load (kW):

[Redacted]

Peak hours dispatched in year (hours):

[Redacted]

Power Factor Correction Programs:

0

Amount of KVar installed (KVar):

[Redacted]

Distribution system power factor at beginning of year (%):

[Redacted]

Distribution system power factor at end of year (%):

[Redacted]

Line Loss Reduction Programs:

Peak load savings (kW):

[Redacted]

lifecycle

in year

Energy savngs (kWh):

[Redacted]

[Redacted]

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):

[Redacted]

Energy generated (kWh):

[Redacted]

Peak energy generated (kWh):

[Redacted]

Fuel type:

[Redacted]

Other Programs (specify):

Metric (specify):

[Redacted]

		Reporting Year	2005 Costs	Cumulative Life to Date
D. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -	[Redacted]	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	Incremental O&M:	\$ -	\$ 3,672.00	\$ 3,672.00
	Incentive:	\$ -	[Redacted]	\$ -
	Total:	\$ -	\$ 3,672.00	\$ 3,672.00
Utility indirect costs (\$):	Incremental capital:	\$ -	[Redacted]	\$ -
	Incremental O&M:	\$ -	[Redacted]	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	\$ 3,672.00	\$ 3,672.00

E. Assumptions & Comments:

[Redacted]

Development completed in 2006

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 numebr of units times the net present value per unit b

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