



Cornerstone Hydro Electric Concepts Association Inc.

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

Conservation and Demand Management 2006 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 2006. 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 the CHEC group worked both individually and collectively to delivery CD&M programs. 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.

In 2006 the level of activity varied significantly from member to member dependent on their remaining funds, resources and opportunities. Individual LDC activity level ranged from only being involved in "provincially led" initiatives to the development and delivery of a wide variety of programs. From a review of the programs it is interesting to note how opportunities, partnerships and delivery have matured at different rates in the different service territories.

Within the 16 utilities there have been a total of 104 initiatives worked on in 2006. As in the first year the initiatives represent projects specific to individual utilities and projects that are cooperative efforts between utilities or agencies (the OPA EKC Programs for example). While there were 104 initiatives included in the reporting many of the reports contained a number of separate activities joined in one Appendix B.

After the initial year where much of the ground work for future programs was started, one would expect that the majority of programs would be driving a positive TRC. On the population of 104 initiatives, 43% had a positive TRC. This low percentage of initiatives with a positive TRC indicates that many initiatives continued to focus on education, studies to prepare customers for

continued energy conservation and partnership building in the second year of the CDM program.

With the activity and experience gained in 2006 the CDM industry is moving towards the final year of third tranche funding and towards the new funding model. While the funding method will change the fundamental knowledge gained in delivering two years of CDM programming has proven and will continue to prove invaluable as programs continue to be offered to residential, commercial and industrial customers across the province.

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 2006 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

3.0 Evaluation of the CDM Plan:

Total Portfolio: The 16 CHEC members collectively undertook a total of 104 initiatives. These programs fell within three categories:

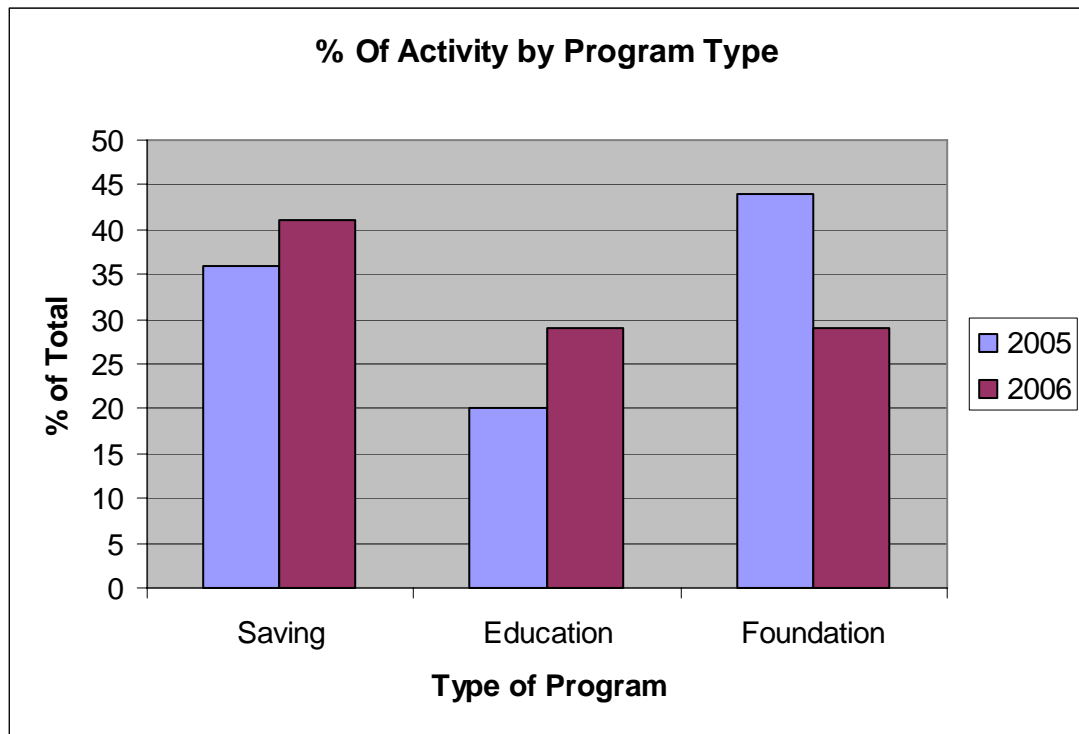
- Savings: Delivery of energy saving products or processes: coupons, rebates, free products, etc.
- Education: Providing general energy management information through such activities as: website development, workshops, brochures, etc,
- Foundation: Preparatory work for future programs that include: program research and development, energy audits, system studies, demonstration projects, partnerships, etc. This is a category that one might have expected to see reduced activity however it continues to be a major component.

The 2006 initiatives represent a total energy savings (lifecycle) of 129,330,000 kWh at a combined “Utility Cost” of \$1,185,000 or approximately 1 c/kWh. This low cost of energy saved was achieved while continuing the education and foundation building programs. To put the energy savings in perspective the 129 Million kWh represent the annual energy required by 10,700 homes (at 1000

kWh/month). Comparing this to incandescent bulbs the energy saved is equivalent to removing approximately 1.5 Million, 60 W incandescent bulbs operating 4 hours per day for a year.

Figure 1 illustrates the change in program makeup from 2005 to 2006. The percentage of programs focused on “saving” and “education” have increased while the number of foundation” programs have decreased. The reduced focus on “foundation” programs in the second year is to be expected as the program mature and initiatives move from planning to delivery thereby increasing the number of “savings” and ‘education’ initiatives. Many “foundation” programs continue into the third year and will form the basis for conservation activities beyond third tranche by both utilities and their partners.

Figure 1



While the Figure provides a general breakdown it should be noted that there are many education programs that are now incorporating savings into the deliverables. The ability to incorporate savings and education provides an immediate conservation benefit, a positive TRC for the program and sets the stage for continued customer interest in conservation in the future.

Savings Programs: Programs were initiated both at the local and provincial level. Key to the 2006 results was the active participation of CHEC members in the OPA Every Kilowatt Counts programs. These programs in many instances provided a “savings” and “education” program that members could support without depleting their third tranche funding.

On the local level savings programs focused on local partnerships and delivery channels. Projects like municipal traffic light conversion built on the existing relationship with the municipality, provided benefits to the entire community and once installed ensured that the technology would remain in place once the benefits of lower cost and maintenance were recognized.

The use of product incentives and give-a-ways continued to play a significant role in the local programming. Capitalizing on the ability to participate in local events the provision of energy efficient product was a direct method of demonstrating the technology to the customer.

System optimization projects continue to be included in the portfolio. Nine initiatives focused on either completing the studies associated with system optimization or the implementation of field changes. System optimization continues to be an area for potential savings.

Education Programs: LDC's started to see opportunities to partner with others to provide programs into the education system. CHEC members along with other utilities in the service territory of Boards of Education are funding the development of programs for delivery in the schools. During 2006 third party providers (in many instances not-for-profits) made approaches to members for support and delivery of programs. As the conservation culture continues to develop the resources to provide this type of education will most likely continue to increase. The third tranche funding and the LDCs interest in partnering have helped this process.

Members have also been active in supporting education programs for the commercial and industrial sector. The challenge to date has been evaluating the results of this training. In most cases the proof of success is mostly anecdotal where mention is made of actions taken as a result of the training without any firm data. For this reason most education initiatives in this sector do not show a positive TRC.

Foundation Program: Many of the "foundation" type programs underway during 2006 were aimed at providing information to partners for further action. The CHEC members have actively supported alternate energy initiatives with a number of projects specific to these types of initiatives. The support provided at this stage, on the local level, can be pivotal on the success of future activities by community based groups.

In 2005 the "foundation" programs included initiatives such as: system optimization studies, smart meter preparation, customer audits and demonstration projects. In 2006 the increase in "education" and "savings" programs in some instances were the results of the 2005 foundation work. 2005 work on system optimization was a critical precursor to the project implementation in 2006 (and

2007). In some instances the full studies will only be completed in 2007 with the impact of implementation only being taken beyond the third tranche time frame.

Net TRC Results: The net TRC result of the combined CHEC CDM activity for 2006 is \$3,800,000 up from \$500,000 in 2005. The increase in TRC indicates the development of the industry over the first year resulting in deliverables in the second year.

Part of the development of the CDM industry was the provincial EKC programs – a program that built on the experience gained from the 2005 program coordinated by Energyshop.com and subscribed by a number of CHEC members. The involvement of CHEC members in the EKC programs resulted in 86% of the TRC results for member LDCs. The benefits of combining local support in wider based programs are clearly demonstrated by the success of these programs.

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:

Application of TRC: 2005 was the introduction to the TRC tool. While the tool can be used to evaluate programs to ensure a positive TRC result in many instances the 2006 programs were set prior to experience with the tool.

The principles of TRC are generally easy to understand: energy efficiency case vs base case. However the mechanics of determining the details of the evaluation can be quite complex depending on the application. CHEC members spent considerable time ensuring the assumptions and discounted costs were properly applied. In many instances the experience of one member was utilized to assist others within the group.

One of the greatest challenges with TRC remains the carryover of familiarity with its use. While the second year of applying the TRC was a bit more familiar the application is still a challenge as the use of the tool tends to occur in discreet measures (ie to do the Annual Report).

Funding: CHEC members in general have funds for continued programs in 2007 (with a few exceptions). With the advent of provincial programs the ability to stretch the third tranche funding has occurred. Hence the need for additional funding based on the LDCs plan can, to a large extent, be avoided until the LDCs Funding through the OPA is available.

Partnerships and Sharing: The ability to partner has increased in year two of the CDM Funding. Not-for-Profit Agencies, municipalities, local groups etc. have become aware of potential for partnering and have either approached members or have been very positive to LDC initiatives. It is anticipated that the ability to partner with a wide variety of groups within our communities should continue to grow. As such, it will be an important aspect of program delivery that the LDC community will need to broach with the OPA through 2008 and beyond.

The sharing of experience and insights by CHEC members is on-going. In 2006 CHEC members had the opportunity to participate in the development of the CDM industry structure for moving forward. The perspective brought by smaller participants helps to ensure the success of program delivery across the entire province in both large and small communities.

Customer Readiness: The results of the 2006 programs highlights that the conservation message is starting to be understood and that residential customers will take action.

In 2007 and beyond programs will need to reach beyond the compact fluorescent light to clearly demonstrate to customers that they have a wide variety of opportunities. There may be additional challenges to overcome to move these messages forward as the cost to implement and the payback may not be as favourable.

While programs have been successful with residential customers more work is required to make inroads into the commercial and industrial sector. These sectors continue to be difficult to get actively engaged. Future programs will need to take into account the customer's limited resources, long lead times, and provide demonstrated value of conservation to their business. Experience is showing that in this sector, the progression from initial discussion, to decision, to action is slow and methodical.

Utility Resources: Utilities continue to utilize internal resources for much of the CDM work as it is integrated into the systems of the LDC. CDM calls received, the manager's time to promote CDM, the accountant's time to record and report, are all functions immersed in the activities of existing positions. The ability to manage these requirements as the industry moves forward will need to be addressed by LDCs.

6.0 Conclusion:

The second year of CDM delivered a significant increase in the kWhs saved and continues to set the stage for on-going development of the CDM industry.

LDCs continue to support CDM and the involvement at the local level. CHEC members through their local programs, involvement in provincial programs and participation in the design of the industry continue to demonstrate their support for CDM, for the provincial initiative and their customers.

7.0 Appendices:

Appendix 1	Summary of CHEC Appendix A's	page 8
	Individual Utility CDM 2006 Annual Report RP-2004-0203/EB-2004-0502	
Appendix 2	Centre Wellington	page 9
Appendix 3	COLLUS Power	page 33
Appendix 4	Grand Valley	page 59
Appendix 5	Innisfil Hydro	page 76
Appendix 6	Lakefront Utilities	page 98
Appendix 7	Lakeland Power Distribution	page 122
Appendix 8	Midland Power Utility	page 140
Appendix 9	Orangeville Hydro Ltd	page 176
Appendix 10	Orillia Power Distribution	page 201
Appendix 11	Parry Sound Power	page 229
Appendix 12	Rideau St. Lawrence	page 253
Appendix 13	Wasaga Distribution Inc.	page 286
Appendix 14	Wellington North Power	page 309
Appendix 15	West Coast Huron Energy	page 342
Appendix 16	Westario Power	page 365
Appendix 17	Woodstock Hydro Services	page 386

Introduction:

Rideau St. Lawrence Distribution Inc. has completed its second 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, 2006 to December 31, 2006.

The year 2006 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 initiated. Due to the relatively scarce amount of money available – partnerships and cooperative ventures for program delivery were sought. Programs which did not require large amounts of capital investment for on-going infrastructure have been targeted during this learning period.

Costs included in this report are only costs which have been incurred and invoiced by a third party. The in-house effort – has not been reported in terms of capital spent as part of the third tranche. We would hope that this does not under-estimate the effort required in the research, implementation and support of programs considered and delivered. Much effort has been devoted to the front-end of the plan for the planning and development of programming that will follow in the future.

2006 Projects

Customer Survey: A customer survey was undertaken in partnership with members of the Cornerstone Hydro Electric Concepts group. The survey provided information about our customer's use of electricity.

Budget: \$1,000

Spent: \$1,000

Partnerships and Sponsorships

Energy Seminar: In partnership with the Ministry of Economic Development and Trade and Hydro One a one-day workshop was sponsored. The purpose of the workshop was two fold:

- to provide some practical ideas and tools to help small and medium industrial companies to actively manage and reduce energy consumption and cost.
- To provide information about the support available from Ministry of Economic Development and Trade (MEDT), the Independent Electricity System Operator (IESO) and Natural Resources Canada (NRCan)

Approximately twenty industries were represented. The participants were able to take away from the workshops, case studies and materials to help them better understand and manage energy costs in their businesses.

Every Kilowatt Counts Spring and Fall Campaigns: This program offered customers educational material and a coupon program for consumer products (ceiling fans, LED seasonal lights, compact florescent lights, programmable thermostats, timers –Indoor light and appliance, outdoor timers –pool and hot tub) and other seasonal offers. This program was offered in partnership with the OPA . Local advertising, promotion and awareness were offered by the LDC. Consumer comments were very positive. The seasonal offerings gave our customers an opportunity to manage their electricity consumption for the seasonally driven habits/practices.

Total Education and Promotion Budget: \$19,000

Total Spent: \$2,450.00

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 field data gathering was completed by the end of 2006. Initial populating of the model with the spatial information and partial transformer information was also completed in 2006. Yet to be done: complete the model inputs, calibrate the system model and run various system scenarios with different inputs to measure the impacts of various loss mitigation interventions. This should be complete in the second quarter of 2007.

Budget: \$60,000

Spent: \$33,442

Energy Audits/Projects

Watts Up/ Blue Line Monitors:

As part of the continued theme of *“educating customers/understanding residential electric consumption”*, two devices were purchased. The Watts Up monitor allows consumers to instantly see the electric consumption of a single appliance. The device plugs directly into the wall and the appliance plugs directly into the monitor. The information can be extrapolated over a period of time to allow the customer to understand how the appliance impacts on their monthly bill. The Blue Line Monitor allows the consumer to view their period-to-date consumption in either kWhrs. or in dollars. It also allows an instantaneous output in either measurement so the effect of certain appliances turning on and off can

be observed. A device is attached to the exterior of the electric meter and sends the information to a remote display device inside the customers' home. The devices are available to customers in a loaner program.

Budget \$15,000

Total Spent: \$1,560

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 \$172,171 . This was driven primarily by the Spring and Fall EKC projects.

- System Optimization Studies and the partnership/sponsorship programs did not create a positive TRC.

Overall we feel that we experienced very good customer participation as evidenced by the "Every Kilowatt Counts". The partnering for program development and delivery was key for Rideau in driving down utility costs.

3. Discussion of Programs

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

4. Lessons Learned

C and DM programs should be easier to deliver in the future than they have been early in this process. A great deal of effort has been required to "get up to speed" and become familiar with various programs and the elements required to deliver them.

Consumer response to the fall and spring coupon promotions was relatively high, as evidenced by the participation of residential customers. There appears to be an appetite for consumers to look for ways to lower their energy bills. A lesser response was received with the "Switch to Cold". Customer service staff received almost nil inquires about this program. Perhaps because it is a behaviour change and is contrary to some long standing thinking about clothes washing. Coupon programs like these have shown good customer response two years in a row. We will partner in the future to run programs like this again.

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. As a result of the year one and year two program results being shared amongst the CHEC members – we have some solid basis for selecting programs that provide positive TRC results. It appears that this approach is being also used by the OPA.

Although the TRC has a value as a measure of certain technology swaps, it also has certain drawbacks as a reporting mechanism. A negative TRC value for education programs may not give the reader of a report a true picture of the value of an expenditure. Consumer awareness and education will form a vital part of the conservation culture that we are helping to create in the province.

5. Conclusion

We had characterized 2005 as a year of laying the foundation. The programs offered in 2006 – in some part are due to experience learned by ourselves and others in 2005. We would again reiterate that there is a lot yet to learn. We have not put infrastructure in place for longer term projects due to the questions about revenue wholeness and cost recovery.

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.

The CHEC website and customer information pieces provided along with incentives will have a in instilling a “conservation culture” with our customers. These are long term projects – and when combined with immediate programs – will reinforce – a message that is consistent with provincial initiatives.

We did encounter issues with attempting to deliver projects – such as the Cool Shops” store audit. We were unable to create the critical mass required for delivery of the program. The small commercial customer is still a hard one to reach.

Attempts to partner with the local social housing agencies to provide value enhanced audits and subsequent measures, also proved to be hard to deliver. It may be that coordination at a higher level, perhaps provincial ministerial is the best way to proceed with agencies of this type.

We believe that as we gain experience and share our experiences with other LDC’s, the effectiveness of programming will continue to grow. The introduction and building momentum of a conservation mindset should heighten awareness and appetite for further program delivery.

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 2006	Residential	Commercial	Institutional	Industrial	Agricultural	LDC System	⁴ Smart Meters	Other #1	Other #2
<i>Net TRC value (\$):</i>	189071.0379	\$ 172,171	\$ 206,613	\$ -	\$ -	\$ (1,000)	\$ -	\$ (33,442)		\$ -	\$ -
<i>Benefit to cost ratio:</i>	4.74	5.18	31.52	0.00	0.00	0.00	0.00	0.00		0.00	0.00
<i>Number of participants or units delivered:</i>	15,387	6,821	6,799	0	0	20	0	2		0	0
<i>Lifecycle (kWh) Savings:</i>	4629815.72	4,067,195	4,067,195	0	0	0	0	0		0	0
<i>Report Year Total kWh saved (kWh):</i>	611117.408	548,464	548,463	1	0	0	0	0		0	0
<i>Total peak demand saved (kW):</i>		117	117	0	0	0	0	0		0	0
<i>Total kWh saved as a percentage of total kWh delivered (%):</i>	0.25%	0.47%	1.23%	0.00%	#DIV/0!	0%	#DIV/0!	0%		#DIV/0!	#DIV/0!
<i>Peak kW saved as a percentage of LDC peak kW load (%):</i>		0.47%	0.47%	0.00%	0%	0%	0%	0%		0%	0%
¹ <i>Report Year Gross C&DM expenditures (\$):</i>	51867.24	\$ 38,452	\$ 4,010	\$ -	\$ -	\$ 1,000	\$ -	\$ 33,442	\$ -	\$ -	\$ -
² <i>Expenditures per kWh saved (\$/kWh):</i>	0.0112	0.0095	0.0010	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
³ <i>Expenditures per kW saved (\$/kW):</i>		\$ 328.96	\$ 34.31	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
<i>Utility discount rate (%):</i>	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: **2006**

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 (\$)
Spring Every Kilowatt Counts (EKC)	\$ 27,075	\$ 2,961	\$ 24,114	9.14	61,314	507,664	1	\$ 200
Customer Survey	\$ -	\$ 1,000	\$ -1,000	0.00	0	0	0	\$ 1,000
Fall Every Kilowatt Counts (EKC) Prc	\$ 185,755	\$ 1,250	\$ 184,505	148.60	479,349	3,551,731	116	\$ 1,250
Switch to Cold Water Wash Coupon	\$ 554	\$ -	\$ 554	0.00	7,800	7,800	1	\$ -
Energy Audits/Projects	\$ -	\$ 1,560	\$ -1,560	0.00	0	0	0	\$ 1,560
Lighten Your Electricity Bill Coupon F	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Conservation Brochure	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Name of Program H			\$ -	0.00				
Name of Program I			\$ -	0.00				
Name of Program J			\$ -	0.00				
*Totals App. B - Residential	\$ 213,384	\$ 6,771	\$ 206,613	31.52	548,463	4,067,195	117	\$ 4,010
Residential Indirect Costs not attributable to any specific program	\$ -				Total Residential kWh Delivered in 2006		44460095	
Total Residential TRC Costs	\$ 6,771				Residential Peak in 2006 in kW		24,641	
**Totals TRC - Residential	\$ 213,384	\$ 6,771	\$ 206,613	31.52				

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 2006		22334496	
Total TRC Costs	\$ -				Commercial Peak in 2006 in kW		24,641	
**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 2006		0	
Total TRC Costs	\$ -				Institutional Peak in 2006 in kW		24,641	
**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	\$ -	\$ 1,000	-\$ 1,000	0.00	0	0	0	\$ 1,000
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 -	\$ -	\$ 1,000	-\$ 1,000	0.00	0	0	0	\$ 1,000
Industrial Indirect Costs not attributable to any specific program					Total Industrial kWh Delivered in 2006		49347527	
Total TRC Costs		\$ 1,000			Industrial Peak in 2006 in kW		24,641	
**Totals TRC - Industrial	\$ -	\$ 1,000	-\$ 1,000	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 2006		0	
Total TRC Costs		\$ -			Agricultural Peak in 2006 in kW		24,641	
**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 (\$)
System Optimization Study	\$ -	\$ 33,442	-\$ 33,442	0.00	0	0	0	\$ 33,442
Conservation Website	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
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 -	\$ -	\$ 33,442	-\$ 33,442	0.00	0	0	0	\$ 33,442
LDC System Indirect Costs not attributable to any specific program					Total Losses kWh Delivered in 2006		7552893	
Total TRC Costs		\$ 33,442			LDC Peak in 2006 in kW		24,641	
**Totals TRC - LDC System	\$ -	\$ 33,442	-\$ 33,442	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 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 2006	0			
Total TRC Costs		\$ -			"Other" Peak in 2006 in kW	24,641		
**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 2006	0			
Total TRC Costs		\$ -			"Other" Peak in 2006 in kW	24,641		
**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	\$ 213,384	\$ 41,213	\$ 172,171	5.18	\$ 548,464	\$ 4,067,195	\$ 117	\$ 38,452
Any other Indirect Costs not attributable to any specific program →				Total kWh Delivered in 2006	117877542			
TOTAL ALL LDC COSTS		\$ 41,213			Total Peak in 2006 in kW	24,641		
**LDC' PORTFOLIO TRC	\$ 213,384	\$ 41,213	\$ 172,171	5.18				
				Total kWh Delivered in 2005	125748700			

* 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:** System Optimization Study

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

To map, examine, distribution system componenets and identify opportunities for effeciencie and reduce system losses.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
<i>Base case technology:</i>	Existing Distribution System		
<i>Efficient technology:</i>	ntify opportunities for efficiencies		
<i>Number of participants or units delivered:</i>	1.00	N/A	N/A
<i>Measure life (years):</i>	0.00		
<i>Number of participants or units 2005</i>			
<i>Number of Participants or units delivered life-to-date</i>	1.00		

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>	\$ 33,442.00		\$ 33,442.00
<i>Incremental Measure Costs (Equipment Costs)</i>	\$ -		\$ -
<i>Total TRC costs:</i>	\$ 33,442.00	\$ -	\$ 33,442.00
<i>Net TRC (in year CDN \$):</i>	-\$ 33,442.00	\$ -	-\$ 33,442.00
<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>	<i>Winter</i>	Report Winter Demand (kW)	
	0.00	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	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>	
<i>Distribution system power factor at beginning of year (%):</i>	
<i>Distribution system power factor at end of year (%):</i>	

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</u> <u>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:	\$ 33,442.00		\$ 33,442.00
	Incentive:	\$ -		\$ -
	Total:	\$ 33,442.00	\$ -	\$ 33,442.00
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 33,442.00	\$ -	\$ 33,442.00

E. Assumptions & Comments:

Work in progress. To be completed in 2007.

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:** 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	Measure 5	Measure 6
<i>Base case technology:</i>	Incandescent bulbs	No Ceiling Fan	Manual On/Off	Manual Thermostats	0.00	0.00
<i>Efficient technology:</i>	CFLs	Ceiling Fan	Timers	Progr. Thermostats	0.00	0.00
<i>Number of participants or units delivered:</i>	477.00	7.00	84.00	10.00	0.00	0.00
<i>Measure life (years):</i>	4.00	20.00	20.00	18.00	0.00	0.00
<i>Number of participants or units 2005</i>						
<i>Number of Participants or units delivered life-to-date</i>	477.00	7.00	84.00	10.00	0.00	0.00

B. TRC Results:	<u>Reporting Year</u>		<u>Life-to-date TRC Results:</u>	
			<u>2005 TRC Results</u>	
TRC Benefits (\$):	\$	27,075.03		\$ 27,075.03
Measure's Costs (\$):				
<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
Net TRC (in year CDN \$):		\$24,114.28	\$ -	\$ 24,114.28
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>		9.14	#DIV/0!	\$ 9.14

C. Results: (one or more category may apply)			<u>Cumulative Results:</u>	
Conservation Programs:				
<i>Demand savings (kW):</i>	Summer	0.54	Report Winter Demand (kW) 0.54	
	Winter	0.00		
<i>Energy saved (kWh):</i>	<i>lifecycle</i>	<i>in year</i>	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
	507,663.72	61,314.41	507663.72	61314.408
			<i>2005 Lifecycle</i>	<i>2005 Annual</i>
<i>Other resources saved :</i>				
Natural Gas (m3):	0	0		
Water (l)	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>	

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):		

D. Program Costs*:			2005 Costs	Cumulative Life to Date
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, Fans 3 In-Store: 4

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:	1.00	N/A	N/A
Measure life (years):	0.00		
Number of participants or units 2005			
Number of Participants or units delivered life-to-date	1.00		

	Reporting Year	2005 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):	0.00	#DIV/0!	\$ -

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

Conservation Programs:

			Report Winter Demand (kW)	
Demand savings (kW):	Summer	0.00	0.00	
	Winter	0.00		
Energy saved (kWh):	lifecycle	0.00	in year	0.00
			Cumulative Lifecycle	Cumulative Annual Savings
			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):	
Distribution system power factor at beginning of year (%):	
Distribution system power factor at end of year (%):	

Line Loss Reduction Programs:

Peak load savings (kW): [redacted]
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]

		<u>Reporting Year</u>	<u>2005 Costs</u>	<u>Cumulative Life to Date</u>
D. <u>Program Costs*:</u>				
Utility direct costs (\$):	Incremental capital:	\$ -	[redacted]	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC/L15				
	Incremental O&M:	\$ 1,000.00	[redacted]	\$ 1,000.00
	Incentive:	\$ -	[redacted]	\$ -
	Total:	\$ 1,000.00	\$ -	\$ 1,000.00
Utility indirect costs (\$):	Incremental capital:	\$ -	[redacted]	\$ -
	Incremental O&M:	\$ -	[redacted]	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ 1,000.00	\$ -	\$ 1,000.00

E. Assumptions & Comments:

[redacted]

Survey undertaken for futrue planning of programs.

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 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 conjunction with Ministry of Economic Development and Trade, Hydro One and NRCan.

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	N/A	N/A
Measure life (years):	0.00		
Number of participants or units 2005			
Number of Participants or units delivered life-to-date	1.00		

TRC Results:

	Reporting Year	2005 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):	 0.00	 #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		

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. 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:

[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 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:** 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>	iseBoard Programmable Thermost	Dimmers	CFL's	Motion Sensor	Programmable Thermostat	Seasonal LED Lights
<i>Number of participants or units delivered:</i>	13.00	6.00	4,276.00	6.00	87.00	1,661.00
<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>						
<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 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
<i>Net TRC (in year CDN \$):</i>	\$184,505.00	\$ -	\$ 184,505.00
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	148.60	#DIV/0!	\$ 148.60

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

Cumulative Results:

Conservation Programs:

	Summer	Winter	Report Winter Demand (kW)	
<i>Demand savings (kW):</i>	5.74	115.50	5.74	
	<i>lifecycle</i>	<i>in year</i>	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
<i>Energy saved (kWh):</i>	3,551,731.00	479,349.00	3551731	479349
			<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:

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):

D. Program Costs*:			2005 Costs	Cumulative Life to Date
Utility direct costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ 1,250.00		\$ 1,250.00
	Incentive:	\$ -		\$ -
	Total:	\$ 1,250.00	\$ -	\$ 1,250.00
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	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 redemptions were 3058

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:** 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:	168.00	N/A	N/A
Measure life (years):	1.00		
Number of participants or units 2005	4918		
Number of Participants or units delivered life-to-date	5,086.00		

		<u>Reporting Year</u>	<u>2005 TRC Results</u>	<u>Life-to-date TRC Results:</u>
		TRC Results:		
B.	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 \$):	\$ 553.76	-\$ 500.00	\$ 53.76
	Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ -	\$ 1.11

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

Conservation Programs:

Demand savings (kW):	Summer	0.74	Report Winter Demand (kW) 0.85	
	Winter	0.85		
Energy saved (kWh):	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
	7,800.00	7,800.00	7800	7800
			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. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC/L15	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:

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 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:** 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:	of Energy Measurement Equipment		
Efficient technology:	Energy Self Audit Equipment		
Number of participants or units delivered:	1.00	N/A	N/A
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	Life-to-date TRC Results:	
		2005 TRC Results	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):	0.00	#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
			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 (\$):			
	Includes Measure's Cost - ensure full cost of measure entered in TRC/L15			
	Incremental capital:	\$ -		\$ -
	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	N/A	N/A
<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		

B. TRC Results:	<u>Reporting Year</u>	<u>2005 TRC Results</u>	<u>Life-to-date TRC Results:</u>
	¹ TRC Benefits (\$):	\$ -	\$ 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
<i>Net TRC (in year CDN \$):</i>	\$ -	\$ 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:

Demand savings (kW):	Summer	Winter	Report Winter Demand (kW)	
			0.00	0.00
			Cumulative Lifecycle	Cumulative Annual Savings
<i>Energy saved (kWh):</i>	0.00	0.00	562621	62654
			<i>2005 Lifecycle</i>	<i>2005 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:

Peak load savings (kW):		
	lifetime	in year
Energy savngs (kWh):		

Distributed Generation and Load Displacement Programs:

Amount of DG installed (kW):	
Energy generated (kWh):	
Peak energy generated (kW):	
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 (\$):	Incremental capital:	\$ -	\$ -	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC:IL15	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:

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 units times the net present value per unit b
² 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:	1.00	N/A	N/A
Measure life (years):	0.00		
Number of participants or units 2005	1		
Number of Participants or units delivered life-to-date	2.00		

TRC Results:

		<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):	\$	-	5,128.24	5,128.24
Incremental Measure Costs (Equipment Costs)	\$	-	-	-
Total TRC costs:	\$	-	5,128.24	5,128.24
<u>Net TRC (in year CDN \$):</u>	<u>\$</u>	<u>-</u>	<u>-\$ 5,128.24</u>	<u>-\$ 5,128.24</u>
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) 0.00	
	Winter	0.00		
	<i>lifecycle</i>	<i>in year</i>	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
Energy saved (kWh):	0.00	0.00	0	0
			<i>2005 Lifecycle</i>	<i>2005 Annual</i>
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:

	0
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. Program Costs*:				
Utility direct costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC/L15	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. Needed to make adjustment on Net TRC of 5128 due to change in method of dealing with Smart Meters

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)
Base case technology:	Lack of Educational Material		
Efficient technology:	Customer information Brochure		
Number of participants or units delivered:	1.00	N/A	N/A
Measure life (years):	0.00		
Number of participants or units 2005	3000		
Number of Participants or units delivered life-to-date	3,001.00		

TRC Results:

	Reporting Year	2005 TRC Results	Life-to-date TRC Results:
B. ¹ TRC Benefits (\$):	\$ -	\$ -	\$ -
² TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 1,188.00	\$ 1,188.00
Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
Total TRC costs:	\$ -	\$ 1,188.00	\$ 1,188.00
Net TRC (in year CDN \$):	\$ -	-\$ 1,188.00	-\$ 1,188.00
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
	0.00	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):	
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 (kW):	
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 (\$):	Incremental capital:	\$ -	\$ -	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC:L15	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 units times the net present value per unit b
² 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	N/A	N/A
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:

	<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):	\$ -	\$ 3,672.00	\$ 3,672.00	\$ 3,672.00
Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -	\$ -
Total TRC costs:	\$ -	\$ 3,672.00	\$ 3,672.00	\$ 3,672.00
<u>Net TRC (in year CDN \$):</u>	\$ -	\$ -	\$ -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	
	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):	0.00	0.00	0	0
			2005 Lifecycle	2005 Annual
			0	0
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	
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 (\$):	Incremental capital:	\$ -	\$ -	\$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC/L15	Incremental O&M:	\$ -	\$ 3,672.00	\$ 3,672.00
	Incentive:	\$ -	\$ -	\$ -
	Total:	\$ -	\$ 3,672.00	\$ 3,672.00
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -	\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	\$ 3,672.00	\$ 3,672.00

E. Assumptions & Comments:

Conservation website is under development. Included is here are all costs for the CHEC CDM coordinator.

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