

## *Cornerstone Hydro Electric Concepts Association Inc.*

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

### **Conservation and Demand Management 2008 Annual Report**

#### **1.0 Introduction:**

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

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

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

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

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

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

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

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

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

## 2.0 Participating Members:

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

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

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

## 3.0 Evaluation of the CDM Plan:

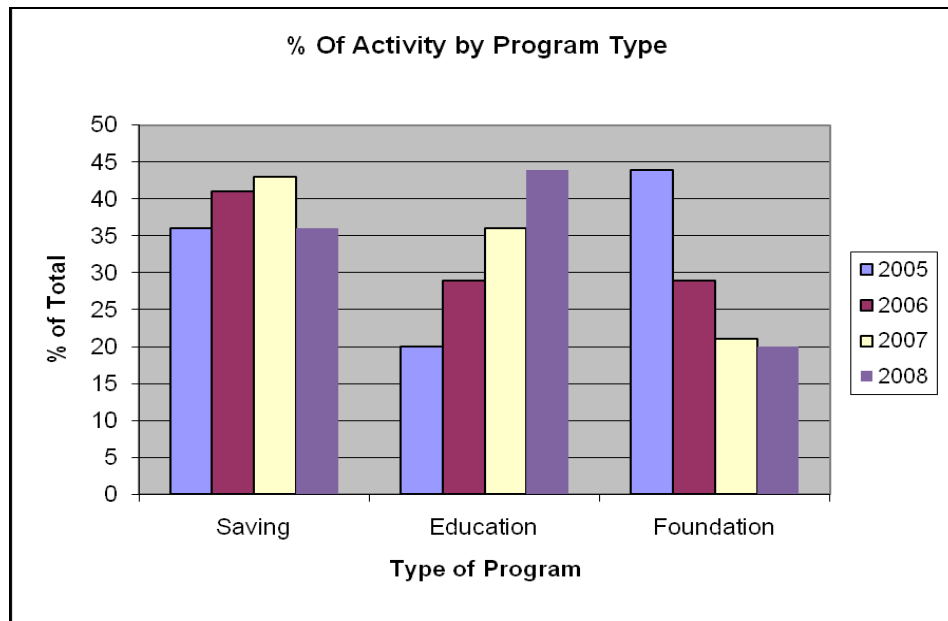
**2008 Portfolio:** The 9 LDCs with third tranche funding remaining collectively undertook a total of 25 initiatives in 2008. These programs fell within three categories:

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

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

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

Figure 1



### **Savings Programs:**

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

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

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

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

#### **4.0 Discussion of Programs:**

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

##### **Low Income Projects:**

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

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

## 5.0 Lessons Learned Over the Duration of the CDM Plan:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## 6.0 Conclusion:

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

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

## 7.0 Appendices:

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

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## Lakefront Utilities Inc.

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### 1.0 Introduction:

Lakefront Utilities Inc. submits this report as per the reporting requirements of the Ontario Energy Board (OEB) with respect to Third Tranche Funding.

### 2.0 Information Provided:

Third Tranche expenditures by Lakefront Utilities Inc. were completed prior to 2008 and a final report was previously provided to the OEB.

Attached to this letter of transmittal please find:

- CHEC Overview Report
- Appendix D – new requirement summarizing the program over the entire period
- Previously provided Summary Report including:
  - Appendix A
  - Appendix C
  - Appendix B for each program

### 3.0 CHEC Overview Report:

Consistent with past reporting, an overview report outlining the programs delivered by the CHEC LDCs has been provided and forms part of our annual report.

Yours truly

Dereck Paul



**LAKEFRONT UTILITIES INC.****CDM PLAN****ANNUAL REPORT****FOR THE YEAR ENDED DECEMBER 31, 2007****INTRODUCTION:**

Lakefront Utilities Inc. ("LUI") is pleased to submit its CDM Annual Report on the progress made in applying for the third tranche (\$170,000) monies to conservation and demand management programs. LUI submitted its conservation and demand management plan with the CHEC Group, and has received a final order dated February 8, 2005 approving spending on the following programs:

**DISCUSSION OF PROGRAMS:**

The intent of the programs is to create an active conservation culture. Engaging the community as a whole and fostering the conservation culture through its infancy are the expected yield from the programs. Using economics of scale the costs are shared with other members of the CHEC group and the increased buying power of the group will leverage more value to customers and shareholders.

**DISCUSSION OF PROGRAMS:****#1. NAME OF PROGRAM: CONSERVATION WEBSITE****DESCRIPTION OF PROGRAM:** (design, delivery, partnerships and evaluation)

A CHEC conservation website is a significant avenue of opportunity to educate, inform, advertise and reach out to energy consumers. Development and maintenance costs are shared, resulting in a more robust and interactive website. This website would also be linked to LUI's main website, which would be enhanced to include a more conservation. Components of the website would range from energy savings concepts to various industries and load profile services.

<b>TOTAL PROGRAM COST:</b>	<b>\$9,000.00</b>
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<b>COSTS INCURRED IN 2007</b>	<b>\$0</b>
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<b>Balance At December 31, 2007:</b>	<b>\$6,306.15</b>
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**#2. NAME OF PROGRAM: EDUCATION/PROMOTION****DESCRIPTION OF PROGRAM:** (design, delivery, partnerships and evaluation)

Advancing the importance of understanding conservation to customers in all market sectors and in turn facilitating the programs to permit customers acting on the energy saving opportunities requires significant effort and consistent marketing. Common messages and approaches are implemented to achieve greatest possible penetration. It is also very important that LDC staff understand how the various activities included in the CDM plan will not only help the consumer but the LDC as well. The level of knowledge the staff has on the benefits of various programs can significantly affect the success level of any program.

Although savings cannot be quantitatively measured, it is inherent through the knowledge, education and promotion activities that the consumers pursue in the conservation culture.

<b>TOTAL PROGRAM COST:</b>	<b>\$10,000.00</b>
<b>COSTS INCURRED IN 2007</b>	<b>\$ 0</b>
<b>Balance At December 31, 2007:</b>	<b>\$ 4,818.49</b>

**#3. NAME OF PROGRAM: CFL LIGHT BULB GIVEAWAY**

**DESCRIPTION OF PROGRAM:**

Compact Fluorescent Lamps (CFLs) have for the past 15 years been proven energy saving devices over their conventional incandescent light bulbs. This is a residential consumer and small business program, targeting increased awareness and use of CFLs in the market. CFLs achieve up to 75% electricity savings over conventional incandescent bulbs and last up to 10 times longer. If used in applications where light is required a minimum of 4 hours per day or more, typical paybacks range from .7 to 3 years.

LUI distributed 8,000 CFLs, conservation brochures and flyers to our residential customer throughout LUI's service territory.

<b>TOTAL PROGRAM COST:</b>	<b>\$20,000.00</b>
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<b>COSTS INCURRED IN 2007</b>	<b>\$ 13,328.24</b>
<b>At December 31, 2007:</b>	<b>\$ 17,948.70</b>

**#4. NAME OF PROGRAM: CUSTOMER SURVEY**

**DESCRIPTION OF PROGRAM:**

The intent of this program is to get a better understanding of the various types of residential appliances across our service territory. LUI in conjunction with the CHEC group undertook a customer survey to gather information to be used in planning purposes to target various promotions related to CDM.

<b>TOTAL PROGRAM COST:</b>	<b>\$ 1,000.00</b>
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<b>COSTS INCURRED IN 2007</b>	<b>\$ 0</b>
<b>At December 31, 2007:</b>	<b>\$ 1,000.00</b>

**#5. NAME OF PROGRAM: RENEWABLE ENERGY SURVEY**

**DESCRIPTION OF PROGRAM:**

In LUI's submission to the OEB for third tranche CDM funds, LUI indicated as part of its Tier 1 and 2 measures and budget, its intention to conduct a Renewable Energy study and allocated \$ 10,000 for this initiative, which was approved by the Board. This full cost was committed to Northumberland Hills Hospital to jointly complete a Green Energy Generation Study, a renewable green energy generation (Wind/Solar) study, to determine the feasibility of green energy initiatives for future energy savings.

**TOTAL PROGRAM COST:** **\$10,000.00**

**COSTS INCURRED IN 2007** **\$ 0**  
**At December 31, 2007:** **\$ 10,000.00**

**#6. NAME OF PROGRAM: System Optimization Study & Implementation**

**DESCRIPTION OF PROGRAM:**

The intent of this program is to target reductions in distribution system losses. The overall benefits of this program will be to identify and implement projects that will improve/reduce distribution system losses and improve system efficiency. Supporting corrective action either by taking direct control over an upgrade or support customer action will result in system demand reductions and relieve network capacity, on both a local and system wide basis. Description of work done is in previous years filings.

There was no work done on System Optimization with third tranche funding other than paying an invoice to Enerspectrum a study they completed.

LUI exceeded the budget on this particular program but was under budget for others. Base on the option of reallocating 20% of our total third tranche spending, the under budget amounts from other programs were reallocated to system optimization.

**TOTAL PROGRAM COST:** **\$105,000.00**

**COSTS INCURRED IN 2007** **\$ 6,575.00**  
**At December 31, 2007:** **\$ 124,582.32**

**LESSONS LEARNED/CONCLUSIONS/ GENERAL COMMENTS:**

1. For the year 2007, the net TRC is a positive value of \$84,643,
2. Overall expenditures per kWh saved is 0.01. Lakefront has made over 22,500 contacts with users of electricity in the Town of Cobourg. We will continue to foster a conservation culture as we build programs in the future.

Sincerely,

Dereck C. Paul  
 Manager; Regulatory Compliance and Finance

## Appendix D - Total Life Evaluation of the CDM Plan

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

	<sup>5</sup> Cumulative Totals Life-to-date	Residential	<sup>6</sup> Low Income	Commercial	Institutional	Industrial	Agricultural	LDC System	<sup>4</sup> Smart Meters	Other #1	Other #2
Net TRC value (\$):	\$ 801,107	\$ 321,617	\$ 9,300	\$	\$	\$	\$	\$		\$ 479,490	\$
Benefit to cost ratio:	6.63	6.52	5.75							0.00	
Number of participants or units delivered:	23,429	23,425	800							4	
Lifecycle (kWh) Savings:	21,461,921	7,467,861	182,541							13,994,060	
Total kWh saved (kWh):	1,953,139	1,253,436	56,961							699,703	
Total peak demand saved (kW):	390	380	9							10	
Total kWh saved as a percentage of total kWh delivered (%):	0.22%										
Peak kW saved as a percentage of LDC peak kW load (%):											
<sup>1</sup> Gross C&DM expenditures (\$):	\$ 164,656	\$ 30,073	\$ 1,959	\$	\$	\$	\$	\$	\$	\$ 134,582	\$
<sup>2</sup> Expenditures per kWh saved (\$/kWh):	\$ 0.01	\$ 0.0040	\$ 0.0107	\$	\$	\$	\$	\$		\$ 0.0096	\$
<sup>3</sup> Expenditures per kW saved (\$/kW):					\$	\$	\$	\$			
Utility discount rate (%):											

<sup>1</sup> Expenditures are reported on cumulative basis.

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

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

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

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

<sup>6</sup> Includes totals from Low Income programs that fall under both commercial and residential.

## Appendix A - Evaluation of the CDM Plan

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

	5 Cumulative Totals Life-to-date	Total for 2007	Residential	Commercial	Institutional	Industrial	Agricultural	LDC System	4 Smart Meters	Other #1	Other #2
<i>Net TRC value (\$):</i>	801,107	\$ 84,643	\$ 88,593	\$ -	\$ -	\$ -	\$ -	\$ -		\$ (3,950)	\$ -
<i>Benefit to cost ratio:</i>	6.63	5.18	6.44	0.00	0.00	0.00	0.00	0.00		0.00	0.00
<i>Number of participants or units delivered:</i>	23,429	8,143	8,140	0	0	0	0	0		3	0
<i>Lifecycle (kWh) Savings:</i>	21,461,921	1,678,752	1,678,752	0	0	0	0	0		0	0
<i>Report Year Total kWh saved (kWh):</i>	1,953,139	486,839	486,838	1	0	0	0	0		0	0
<i>Total peak demand saved (kW):</i>		232	232	0	0	0	0	0		0	0
<i>Total kWh saved as a percentage of total kWh delivered (%):</i>	0.23%	0.17%	0.65%	0%	0%	0%	0%	0%		0%	0%
<i>Peak kW saved as a percentage of LDC peak kW load (%):</i>		0.47%	0.47%	0%	0%	0%	0%	0%		0%	0%
<i>1 Report Year Gross C&amp;DM expenditures (\$):</i>	\$ 164,656	\$ 32,650	\$ 13,328	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,322	\$ -
<i>2 Expenditures per kWh saved (\$/kWh):</i>	\$ 0.0077	\$ 0.0194	\$ 0.0079	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
<i>3 Expenditures per kW saved (\$/kW):</i>	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	\$ -	\$ -
<i>Utility discount rate (%):</i>	9										

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: 2008

## 1. Residential Programs

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

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

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Customer Survey			\$ -	0.00				
Education and Promotion and Website Conservation			\$ -	0.00				
Spring Every Kilowatt Counts (EKC) Program			\$ -	0.00				
Fall Every Kilowatt Counts (EKC) Program			\$ -	0.00				
CFL Rebate Program			\$ -	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				
<b>*Totals App. B - Residential</b>	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Residential Indirect Costs not attributable to any specific program	→							
<b>Total Residential TRC Costs</b>		\$ -						
<b>**Totals TRC - Residential</b>	\$ -	\$ -	\$ -	0.00				

## 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				
<b>*Totals App. B - Commercial</b>	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -

Commercial Indirect Costs not attributable to any specific program



<b>Total TRC Costs</b>		\$	-		
<b>**Totals TRC - Commercial</b>	\$	-	\$	-	\$ 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 C			\$ -	0.00				
Name of Program G			\$ -	0.00				
Name of Program H			\$ -	0.00				
Name of Program I			\$ -	0.00				
Name of Program J			\$ -	0.00				
<b>*Totals App. B - Institutional</b>	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -

Institutional Indirect Costs not attributable to any specific program



<b>Total TRC Costs</b>		\$	-		
<b>**Totals TRC - Institutional</b>	\$	-	\$	-	\$ 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 (\$)
Name of Program A			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program C			\$ -	0.00				
Name of Program D			\$ -	0.00				
Name of Program E			\$ -	0.00				
Name of Program F			\$ -	0.00				
Name of Program G			\$ -	0.00				
Name of Program H			\$ -	0.00				
Name of Program I			\$ -	0.00				

Name of Program J			\$ -	0.00				
<b>*Totals App. B - Industrial</b>	\$ -	\$ -	\$ -	0.00	0	0	0	\$ -
Industrial Indirect Costs not attributable to any specific program	→							
<b>Total TRC Costs</b>		\$ -						
<b>**Totals TRC - Industrial</b>	\$ -	\$ -	\$ -	0.00				

**5. Agricultural Programs**

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

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

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

**6. LDC System Programs**

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

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

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




Name of Program C			\$	-	0.00					
Name of Program D			\$	-	0.00					
Name of Program E			\$	-	0.00					
Name of Program F			\$	-	0.00					
Name of Program G			\$	-	0.00					
Name of Program H			\$	-	0.00					
Name of Program I			\$	-	0.00					
Name of Program C			\$	-	0.00					
<b>*Totals App. B - LDC System</b>	\$	-	\$	-	0.00	0	0	0	\$	-

LDC System Indirect Costs not attributable to any specific program

<b>Total TRC Costs</b>		\$	-						
<b>**Totals TRC - LDC System</b>	\$	-	\$	-	\$	-	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 (\$)	
Renewable Energy Study			\$	-	0.00				
System Optimization			\$	-	0.00				
System Optimiazation Study			\$	-	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				
<b>*Totals App. B - Other #1</b>	\$	-	\$	-	0.00	0	0	\$	-

Other #1 Indirect Costs not attributable to any specific program

<b>Total TRC Costs</b>		\$	-					
<b>**Totals TRC - Other #1</b>	\$	-	\$	-	\$	-	0.00	

**9. Other #2 Programs**

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

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

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

\* 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:** Customer Survey

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

In June 06, Lakefront Utilities undertook a residential customer survey in conjunction with the CHEC group of utilities and the results used for planning purposes and to determine whether distinct load profiles for the residential class are required. The information was also used in LUI's Cost Allocation Review filing.

**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:	100.00		
Measure life (years):	0.00		
Number of participants or units 2005			
Number of Participants or units delivered life-to-date	100.00		

B. <b>TRC Results:</b>	Reporting Year	2005/06 TRC	Life-to-date
		Results	TRC Results:
<sup>1</sup> TRC Benefits (\$):	\$ -		\$ -
<sup>2</sup> 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)
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 Summer 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		

D. <b>Program Costs*:</b>	Reporting Year	2005/06	Cumulative
		Costs	Life to Date
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
	Utility indirect costs (\$):	Incremental capital:	\$ -
	Incremental O&M:	\$ -	\$ -
	Total:	\$ -	\$ -
Total Utility Cost of Program		\$ 1,000.00	\$ 1,000.00

# Appendix B - Discussion of the Program

(complete this section for each program)

A. Name of the Program: Education and Promotion and Website Conservation

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

In conjunction with giving away a CFL, utilize the opportunity to deliver brochures and develop / enhance website to promote conservation culture across community

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	Brochures, website		
Efficient technology:	0		
Number of participants or units delivered:	0.00		
Measure life (years):	0.00		
Number of participants or units 2005	8500		
Number of Participants or units delivered life-to-date	8,500.00		

<b>TRC Results:</b>		Reporting Year	2005/06 TRC Results	Life-to-date TRC Results:
B.	<sup>1</sup> TRC Benefits (\$):	\$ -	\$ -	\$ -
	<sup>2</sup> TRC Costs (\$):			
	Utility program cost (less incentives):	\$ -	\$ 11,124.64	\$ 11,124.64
	Incremental Measure Costs (Equipment Costs)	\$ -		\$ -
	Total TRC costs:	\$ -	\$ 11,124.64	\$ 11,124.64
	Net TRC (in year CDN \$):	\$ -	-\$ 11,124.64	\$ (11,124.64)
	Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ -	\$ -

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

<b>Program Costs*:</b>		Reporting Year	2005/06 Costs	Cumulative Life to Date
Utility direct costs (\$):	Incremental capital:	\$ -	\$ 11,124.64	\$ 11,124.64
	Includes Measure's Cost - ensure full cost of measure entered in TRC:L15			
	Incremental O&M:	\$ -		\$ -
	Incentive:	\$ -		\$ -
	Total:	\$ -	\$ 11,124.64	\$ 11,124.64
Utility indirect costs (\$):	Incremental capital:	\$ -		\$ -
	Incremental O&M:	\$ -		\$ -
	Total:	\$ -	\$ -	\$ -
Total Utility Cost of Program		\$ -	11,124.64	11,124.64



# Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** System Optimization

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

Work on distribution losses of a feeder voltage conversion. The feeder operates at 4,160 Volts pre-conversion and will operate at 27,000 Volts post conversion. Work is in progress by Lakefront Utilities and the utility paid for the cost of the work.

**Measure(s):**

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	4,160 V supply transformer		
Efficient technology:	27,000 V supply transformer		
Number of participants or units delivered:	1.00		
Measure life (years):	20.00		
Number of participants or units 2005	1		
Number of Participants or units delivered life-to-date	2.00		

B. <b>TRC Results:</b>	Reporting Year	2005/06 TRC	Life-to-date
		Results	TRC Results:
<sup>1</sup> TRC Benefits (\$):		\$563,406.38	\$563,406.38
<sup>2</sup> TRC Costs (\$):			
Utility program cost (less incentives):	\$ 3,950.00	\$ 54,733.37	\$ 58,683.37
Incremental Measure Costs (Equipment Costs)	\$ -	\$ -	\$ -
Total TRC costs:	\$ 3,950.00	\$ 54,733.37	\$ 58,683.37
Net TRC (in year CDN \$):	\$ (3,950.00)	\$508,673.01	\$504,723.01
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	\$ 10.29	\$ 9.60

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

**Conservation Programs:**

Demand savings (kW):	Summer	0.00	Report Summer Demand (kW)	
			Winter	0.00
Energy saved (kWh):	lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
			13994060	699703
Other resources saved :	Natural Gas (m3):	0	2005 Lifecycle	2005 Annual
			0	13994060
	Water (l)	0		
		0		

D. <b>Program Costs*:</b>	Reporting Year	2005/06	Cumulative
		Costs	Life to Date
Utility direct costs (\$):	Incremental capital:	\$ 18,697.00	\$ 90,027.46
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	Incremental O&M:	\$ 625.00	\$ 625.00
	Incentive:	\$ -	\$ -
	Total:	\$ 19,322.00	\$ 90,027.46
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -
	Total:	\$ -	\$ -
Total Utility Cost of Program		\$ 19,322.00	\$ 90,027.46

E. **Assumptions & Comments:**

Lakefront Utilities Inc. has been pursuing a line loss mitigation project in the Town of Cobourg that resulted in system optimization line loss reduction in the range of 3% to 5% in the areas of voltage conversion. Some of this work was completed in 2005 and additional work started in 2006 and is anticipated to be completed in 2007. In 2005, \$51,044.14 was spent in transformers and conductors upgrade and \$15,222.96 was spent initially on the Distribution System Loss Assessment and Study. The Distribution Loss Assessment is reported separately. Expenditures in 2007 required adjustment to account for expenditures in 2006.

# Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** System Optimiazation Study

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

2005 distribution system loss study.

**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		
Measure life (months):	0.00		
Number of participants or units 2005			
Number of Participants or units delivered life-to-date	1.00		

	<u>Reporting Year</u>	<u>2005/06 TRC Results</u>	<u>Life-to-date TRC Results:</u>
B. <sup>1</sup> TRC Benefits (\$):	\$ -		\$ -
<sup>2</sup> TRC Costs (\$):			
Utility program cost (less incentives):		\$ 15,233.00	\$ 15,233.00
Incremental Measure Costs (Equipment Costs)	-		-
Total TRC costs:	-	\$ 15,233.00	\$ 15,233.00
<u>Net TRC (in year CDN \$):</u>	-	-\$ 15,233.00	-\$ 15,233.00
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	\$ -	\$ -

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

	<u>Reporting Year</u>	<u>2005/06 Costs</u>	<u>Cumulative Life to Date</u>
D. <b>Program Costs*:</b>			
Utility direct costs (\$):	Incremental capital:	\$ -	\$ -
	Incremental O&M:	\$ 15,233.00	\$ 15,233.00
	Incentive:	\$ -	\$ -
	Total:	\$ 15,233.00	\$ 15,233.00
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -
	Total:	\$ -	\$ -
Total Utility Cost of Program		\$ 15,233.00	\$ 15,233.00

# 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
Base case technology:	0	0.00	0.00	0.00
Efficient technology:	CFLs	Ceiling Fans	Timers	Progr. Thermostats
Number of participants or units delivered:	0.00	0.00	0.00	0.00
Measure life (years):	4.00	20.00	20.00	18.00
Number of participants or units 05/06	2000	24	49	59
Number of Participants or units delivered life-to-date	2,000.00	24.00	49.00	59.00

B. <b>TRC Results:</b>	Reporting Year	2005/06 TRC Results		Life-to-date TRC Results:	
<sup>1</sup> TRC Benefits (\$):		\$	65,170.47	\$	65,170.47
<sup>2</sup> Measure's Costs (\$):					
Utility program cost (less incentives):	\$	-		\$	-
Participant cost:	\$	9,042.75		\$	9,042.75
Total TRC costs:	\$	-	\$ 9,042.75	\$	9,042.75
<b>Net TRC (in year CDN \$):</b>		\$0.00	\$ 56,127.72	\$	56,127.72
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!		\$ 7.21	\$	7.21

C. <b>Results:</b> (one or more category may apply)				Cumulative Results:	
<b>Conservation Programs:</b>					
Demand savings (kW):	Summer			Report Summer Demand (kW)	
	Winter	0.00		0.00	
		lifecycle	in year	Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):		0.00	0.00	1,179,328.00	209,956.00
				2005 Lifecycle	2005 Annual
				1179328	209956
Other resources saved :					
Natural Gas (m3):		0	0		
Water (l)		0	0		

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

E. **Comments:**

LUI electricity service territory is Cobourg and Colborne. Base on the results provided by SeeLine Group on EKC, LUI calculated the TRC results



## Appendix B - Discussion of the Program

**(complete this section for each program)**

A. **Name of the Program:** CFL Rebate Program

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

In 2007 Lakefront hand delivered a package containing CFL bulbs and conservation tips to residential customers. In previous years CFL distribution on a more limited basis was undertaken.

**Measure(s):**

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	60 Watt Incandescent		
Efficient technology:	13 Watt CFL		
delivered:	8,040.00		
Measure life (months):	41.38		
Number of participants or units 2005 delivered life-to-date	881		
	8,921.00		

**TRC Results:**

	Reporting Year	Life-to-date TRC Results:	
		Total 05&06 TRC Results	Results:
<sup>1</sup> TRC Benefits (\$):	\$ 104,873.57	\$ 20,658.51	\$ 125,532.08
<sup>2</sup> TRC Costs (\$):			
Utility program cost (less incentives):	\$ -	\$ 5,053.00	\$ 5,053.00
Incremental Measure Costs (Equipment Costs)	\$ 16,281.00	\$ 505.80	\$ 16,786.80
Total TRC costs:	\$ 16,281.00	\$ 5,558.80	\$ 21,839.80
<b>Net TRC (in year CDN \$):</b>	<b>\$ 88,592.57</b>	<b>\$ 15,099.71</b>	<b>\$ 103,692.28</b>
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	6.44	3.72	5.75

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

**Cumulative Results:**

**Conservation Programs:**

Demand savings (kW):	Summer	0.00	Report Summer Demand (kW)	
	Winter	104.92	0.00	
			Cumulative Lifecycle	Cumulative Annual Savings
Energy saved (kWh):	lifecycle	1,678,752.00	2035557	569616.08
	in year	486,838.08	Total 05&06 Lifecycle	Total 05&06 Annual
			356805	82778
Other resources saved :				
Natural Gas (m3):		0	0	
Water (l)		0	0	

D. **Program Costs\*:**

		Reporting Year	Total 05&06 Costs	Cumulative Life to Date
		Utility direct costs (\$):	Incremental capital:	\$ -
	Incremental O&M:	\$ 13,328.24	\$ 4,620.46	\$ 17,948.70
	Incentive:	\$ -	\$ -	\$ -
	Total:	\$ 13,328.24	\$ 4,620.46	\$ 17,948.70
Utility indirect costs (\$):	Incremental capital:	\$ -	\$ -	\$ -
	Incremental O&M:	\$ -	\$ -	\$ -
	Total:	\$ -	\$ -	\$ -
<b>Total Utility Cost of Program</b>		<b>\$ 13,328.24</b>	<b>\$ 4,620.46</b>	<b>\$ 17,948.70</b>

## 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
<i>Base case technology:</i>	0	0.00	immers & Motions Senso	0.00
<i>Efficient technology:</i>	CFLs	Seasonal LEDs	Dimmers & Motion Sens	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	30.00	10.00	18.00
<i>Number of participants or units 2005</i>	1324	2231	47	170
<i>Number of Participants or units delivered life-to-date</i>	1,324.00	2,231.00	47.00	170.00

<b>TRC Results:</b>	<b>Reporting Year</b>	<b>2005/06 TRC Results</b>	<b>Life-to-date TRC Results:</b>
<i>TRC Benefits (\$):</i>		\$ 189,216.00	\$ 189,216.00
<i>Measure's Costs (\$):</i>			
<i>Utility program cost (less incentives):</i>			\$ -
<i>Incremental Measure Costs (Equipment Costs)</i>		\$ 15,294.00	\$ 15,294.00
<i>Total TRC costs:</i>	\$ -	\$ 15,294.00	\$ 15,294.00
<i>Net TRC (in year CDN \$):</i>	\$0.00	\$ 173,922.00	\$ 173,922.00
<i>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</i>	#DIV/0!	\$ 12.37	\$ 12.37

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

**Conservation Programs:**

<i>Demand savings (kW):</i>	<i>Summer</i>	6.47	Report Winter Demand (kW)	
	<i>Winter</i>	127.21	6.47	
<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>
			4,252,976.00	473,864.00
			2005 Lifecycle	2005 Annual
			4252976	473864
<i>Other resources saved :</i>				
<i>Natural Gas (m3):</i>		0		0
<i>Water (l)</i>		0		0

<b>Program Costs*:</b>		<b>2005 Costs</b>	<b>Cumulative Life to Date</b>
<i>Utility direct costs (\$):</i>	<i>Incremental capital:</i>		\$ -
	<i>Incremental O&amp;M:</i>		\$ -
	<i>Incentive:</i>		\$ -
	<i>Total:</i>	\$ -	\$ -
<i>Utility indirect costs (\$):</i>	<i>Incremental capital:</i>		\$ -
	<i>Incremental O&amp;M:</i>		\$ -
	<i>Total:</i>	\$ -	\$ -
<i>Total Utility Cost of Program</i>		\$ -	\$ -

E. **Assumptions & Comments:**

Lakefront Utilities Inc, direct mail totals were: Baseboard pStats: 9, Dimmers: 22, CFLs: 164, Motion Sensor Switches: 4, Thermostats: 33 and LED: 100. Instore coupons were: Baseboard pStats: 56, Dimmers: 17, CFLs: 1160, Motion Sensor Switches: 3, Thermostats: 65 and LEDs: 2131