Cornerstone Hydro Electric Concepts Association Inc.

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

Conservation and Demand Management
2008 Annual Report

1.0 Introduction:

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

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

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

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

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

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

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

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

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

2.0 Participating Members:

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

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

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

3.0 Evaluation of the CDM Plan:

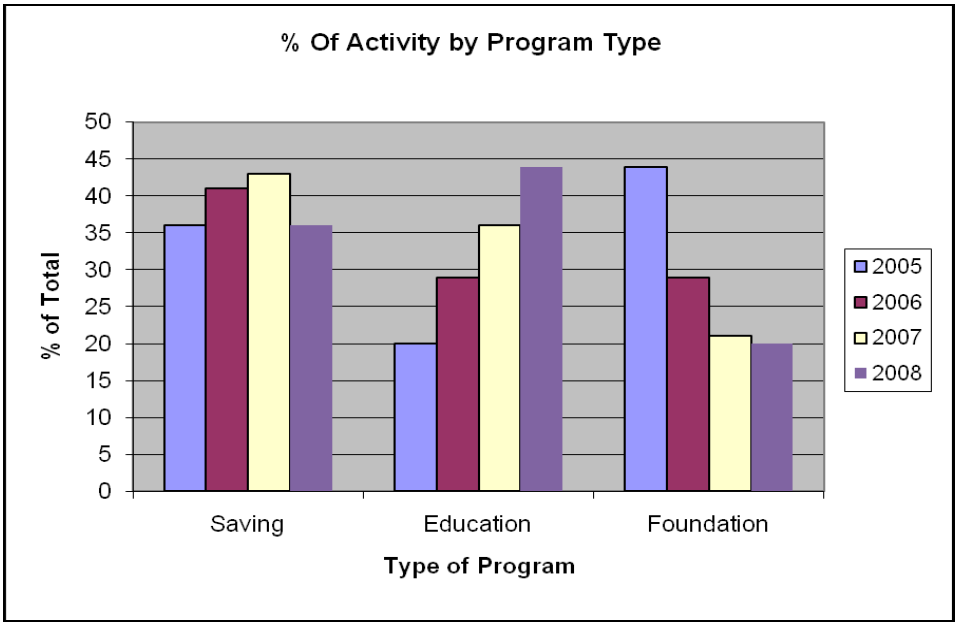
2008 Portfolio: The 9 LDCs with third tranche funding remaining collectively undertook a total of 25 initiatives in 2008. These programs fell within three categories:

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

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

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

Figure 1



Savings Programs:

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

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

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

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

4.0 Discussion of Programs:

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

Low Income Projects:

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

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

5.0 Lessons Learned Over the Duration of the CDM Plan:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6.0 Conclusion:

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

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

7.0 Appendices:

INNISFIL HYDRO
DISTRIBUTION SYSTEMS LIMITED

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March 31, 2009

1.0 Introduction:

Innisfil Hydro Distribution Systems Limited 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 Innisfil Hydro Distribution Systems Limited was 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

Laurie Ann Cooledge
CFO/Treasurer

INNISFIL HYDRO DISTRIBUTION SYSTEMS LIMITED
ANNUAL CDM REPORT
FOR THE YEAR ENDING DECEMBER 31, 2007

INTRODUCTION

Innisfil Hydro Distribution Systems Ltd (IHDSL) is pleased to submit its Annual Report on the progress made in applying the third tranche ($191,000) monies to conservation and demand management programs. Attached to this report is Appendix A – Evaluation of the CDM Plan, Appendix B – Discussion of the Program for the individual programs and Appendix C – Program and Portfolio Totals. IHDSL has submitted its conservation and demand management plan with the CHEC Group and has received a final order dated February 8, 2006 approving spending on the following programs:

OVERVIEW OF BUDGET VS PER YEAR COSTS

Program	February 2005 Order	Revised Program Cost	2005 Cost	2006 Cost	2007 Cost
Website/Survey	$ 14,500.00	$ 9,283.34	$ 7,243.34	$ 2,040.00	$ 0.00
Education/Promotion	$ 16,500.00	$ 29,229.69	$ 12,924.33	$ 2,146.11	$ 14,159.25
Partnership/Sponsorship	$ 27,000.00	$ 11,546.01	$ 5,528.00	$ 626.18	$ 5,391.83
System Optimization	$ 51,000.00	$ 62,767.26	$ 3,534.87	$ 45,000.00	$ 14,232.39
Smart/Interval Meters	$ 31,000.00	$30,392.90	$ 5,128.28	$ 6,520.86	$ 18,743.76
Renewable energy	$ 51,000.00	$ 47,780.80	$ 0.00	$ 33,280.80	$ 14,500.00
TOTALS	**$191,000.00**	**$191,000.00**	**$ 34,358.82**	**$ 89,613.95**	**$ 67,027.23**

DISCUSSION OF PROGRAMS:

#1. NAME OF PROGRAM: Conservation Website/Survey

The intent of this program is to initiate an active conservation culture. A common conservation website is a significant avenue of opportunity to educate, inform, advertise and reach out to energy consumers. Using economies 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. A customer survey and the administration costs of the CHEC group Coordinator has been included within this program

Program #1: A conservation website is a significant avenue of opportunity to educate, inform, advertise and reach out to energy consumers. Development and maintenance costs would be shared as would contribution requirements resulting in a more robust and interactive website. This website would also be linked to IHDSL's main website which would be enhanced by the availability of the combined resources. Components of the website would range from energy savings concepts to various industries and load profile services.

Program #2: Engaging the community as a whole and fostering the conservation culture through its infancy are the expected yield from the program. Survey success is often limited due to the rather small sample of potential customers, however, the joint survey efforts of our group will maximize the value of the survey and provide the necessary background and baseline information to enable member LDCs to make better decisions on program design and targeting funds to programs of customer value. These surveys may also be used to establish baselines for assessment of future program impacts. Utilizing economies of scale, the survey costs are shared with other members of the CHEC group.

TOTAL PROGRAM COST: **$9,283.34**

COSTS INCURRED
At December 31, 2007: **$9,283.34**

INNISFIL HYDRO DISTRIBUTION SYSTEMS LIMITED
ANNUAL CDM REPORT
FOR THE YEAR ENDING DECEMBER 31, 2007

#2. NAME OF PROGRAM: Education and Promotion

The intent of this program is to further create a foundation of an active conservation culture. Engaging the community as a whole and fostering the conservation culture through educating are the expected yield from the program.

Program #1: Using economies of scale the education and promotion 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. Education brochures produced by the Ministry of Energy – "Conserve Energy and Save Money". These were purchased and provided to all residential and general service customers within our distribution territory.

Program #2: Working in conjunction with the Simcoe County School Board, a program focusing on developing a energy education in the Grade 5 curriculum. Lesson plans include developments and implementation of a School Energy Conservation Action Plan and a Home Energy Audit.

TOTAL PROGRAM COST: **$29,229.69**

COSTS INCURRED
At December 31, 2007 **$29,229.69**

#3. NAME OF PROGRAM: Partnership/Sponsorship Programs

The intent of this program is to target customers through financial incentives for more energy efficient appliances. Program design included highlights of potential savings by appliance, procurement direction etc. Savings for these depend on the needs and use of the appliances and the user to limit use or alter comfort and convenience.

Using the economies of scale the costs are shared with other member of the CHEC group in administering and choosing the right vendor. The coupon program was delivered with the help of local Canadian Tire as the distributor and cosponsor of this program. There are six types of energy conservation coupon programs offered. The discount coupon programs are for Seasonal LED Christmas lights, Compact Fluorescent Lights, Programmable Thermostats, Ceiling Fans, Outdoor Timers and Indoor Timers.

TOTAL PROGRAM COST: **$11,546.01**

COSTS INCURRED
At December 31, 2006: **$11,546.01**

#4. NAME OF PROGRAM: System Optimization & Implementation

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 by taking direct control over an upgrade resulted in system demand reductions and relieves network capacity, on both a local and system wide basis.

Program #1: By performing a study for voltage conversion IHDSL was able to determine the benefits of increasing the distribution system voltage which resulted in lower line losses. For example installation of Capacitor banks is expected to provide approximately 2m kWh lifecycle savings.

Program #2: Within our local municipality street lights will be changed from florescence and mercury bulbs to 70 and 100 watt high pressure sodium fixtures as part of the energy conservation program

with the Town of Innisfil. Anticipated results will include savings in consumption and maintenance costs as the life expectancy of the new bulbs is 8-10 times that of conventional lights.

TOTAL PROGRAM COST: **$62,767.26**

COSTS INCURRED
At December 31, 2007: **$62,767.26**

#5. NAME OF PROGRAM: Smart Metering

Pilot studies will be conducted to investigate applicability and optimum introduction of smart meters. Steps are to include the ongoing evaluation of technologies appropriate for retrofit applications including, literature and product reviews, meetings, technical and economic assessment along with the development of the plan.

IHDSL, along with other members of the CHEC group have joined the OUSM group, who has coordinated the multiple technologies. This will provide IHDSL with the ability to gain access to documented test results from a variety of vendors that were all tested using exactly the same testing process. This has provided economies of scale as ultimately all LDCs will need to compare and spend time separating the claims of vendors from the actual services and deliverables they can provide. The ability to share information and questions with other members of the group provide additional benefits in the implementation planning as well as customer education and systems integration issues.

TOTAL PROGRAM COST: **$30,392.9**

COSTS INCURRED
At December 31, 2007: **$30,392.9**

#6. NAME OF PROGRAM: Renewable Energy Study

A study was conducted to determine the feasibility of a local renewable wind energy project.

Renewable energy sources, and in particular wind power is a central focus in the supply diversity of the Ontario Government. Investigations will be conducted to determine appropriate areas where this concept can be promoted where they fit local demographic needs. Local schools will also be contacted to determine if the development of wind studies can be integrated with their program of science studies. Partnerships will be investigated to determine if a program can be designed to enhance the educational aspect of this energy source.

TOTAL PROGRAM COST: **$47,780.80**

COSTS INCURRED
At December 31, 2007: **$47,780.80**

EVALUATION OF CDM PLAN:

See attached Appendix "B" for each program above-noted, Appendix "A" an Evaluation of the overall CDM Plan and Appendix "C" for the Program and Portfolio totals.

LESSONS LEARNED and GENERAL COMMENTS:

1. **IHDSL has successfully saved 3,419,469 kWh over the lives of the 6 programs being reporting with 106,409 kWh saved in 2007.**

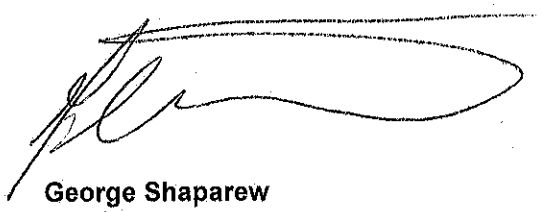
2. **IHDSL has successfully reached/delivered 31,190 participants as part of the CDM programs for 2007.**

3. **The cumulative net TRC for IHDSL is a negative value of $32,021. The coupon program and system optimization program generated a favourable TRC of $47,935. The remaining programs generated a negative TRC value of $79,956. When creating a foundation of an active conservation culture costs are incurred to educate the masses of the different aspects of conservation and demand management such as renewable energy studies, school education programs, brochures, web site development, program management etc.**

4. **Overall expenditures per kWh saved are $0.05 based on the cumulative programs. IHDSL will to continue fostering CDM programs, opportunities and partnerships within the Electricity community of the Ontario**

5. **As smart metering implementation becomes reality, IHDSL believes that the combined focus of the UtilAssist OUSM Group has provided great economies of scale for the smaller LDCs. Through this group we are able to test various technologies and develop standards as a group as opposed to "going it alone".**

Yours truly,



George Shaparew
President

Appendix D - Total Life Evaluation of the CDM Plan

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

	[5] Cumulative Totals Life-to-date	Residential	[6] Low Income	Commercial	Institutional	Industrial	Agricultural	LDC System	[4] Smart Meters	Other #1	Other #2
Net TRC value ($):	$ (32,021.00)	**$ 15,760.00**		**$**	**$**	**$**	**$**	**$**		**- 47,781.00**	**$**
Benefit to cost ratio:	*0.81*	1.13								0.00	
Number of participants or units delivered:	31,190	31189								$1	
Lifecycle (kWh) Savings:	3,419,469	3,419,469								0	
Total kWh saved (kWh):	106,409	106,409								0	
Total peak demand saved (kW):	12	12									
Total kWh saved as a percentage of total kWh delivered (%):	*0.02%*										
Peak kW saved as a percentage of LDC peak kW load (%):											
[1] *Gross C&DM expenditures ($):*	$ 191,001	$ 112,826		$	$	$	$	$	$ 30,394	$ 47,781	$
[2] *Expenditures per KWh saved ($/kWh):*	$ 0.0559	$ 0.0330	$	$	$	$	$	$		$	$
[3] *Expenditures per KW saved ($/kW):*			$	$	$	$	$	$		$	$

Utility discount rate (%):

[1] Expenditures are reported on cumulative basis.
[2] Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate energy savings.
[3] Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate capacity savings.
[4] Please report spending related to 3rd tranche of MARR funding only. TRC calculations are not required for Smart Meters. Actual expenditures for the total third tranche period need to be reported.
[5] Includes total for the reporting year, plus prior years, if any (for example, 2008 CDM Annual report for third tranche will include 2007, 2006, 2005 and 2004 numbers, if any).
[6] Includes totals from Low Income programs that fall under both commerical 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
Net TRC value ($):	*- 32,021.10*	**$ 19,276**	**$ 33,776**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**		**$ (14,500)**	**$ -**
Benefit to cost ratio:	*0.81*	1.32	1.73	0.00	0.00	0.00	0.00	0.00		0.00	0.00
Number of participants or units delivered:	*31,190*	*1,523*	1,522	0	0	0	0	0		1	0
Lifecycle (kWh) Savings:	*3,419,468.77*	1,995,075	1,995,075	0	0	0	0	0		0	0
Report Year Total kWh saved (kWh):	*106,408.67*	317	316	1	0	0	0	0		0	0
Total peak demand saved (kW):		12	12	0	0	0	0	0		0	0
Total kWh saved as a percentage of total kWh delivered (%):	*0.02%*	0.00%	#DIV/0!	0.00%	0.00%	0.00%	0.00%	0.00%		#DIV/0!	0.00%
Peak kW saved as a percentage of LDC peak kW load (%):		0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%	0.00%
[1] *Report Year Gross C&DM expenditures ($):*	*191,000.24*	$ 67,027	$ 33,783	$ -	$ -	$ -	$ -	$ -	$ 18,744	$ 14,500	$ -
[2] *Expenditures per KWh saved ($/kWh):*	0.056	$ 0.03	$ 0.02	$ -	$ -	$ -	$ -	$ -		$ -	$ -
[3] *Expenditures per KW saved ($/kW):*		$ 5,569.66	$ 2,807.24	$ -	$ -	$ -	$ -	$ -		$ -	$ -

Utility discount rate (%):	9.1

[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:

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 ($)
Website Conservation/Administration			$ -	0.00				
Education and Promotion			$ -	0.00				
Partnerships/Sponsorships-Coupon Program			$ -	0.00				
Installation of Capacitor Banks to reduce losses			$ -	0.00				
System Optimization through Street Light Conversion			$ -	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 - Residential**	$ -	$ -	$ -	0.00	0	0	0	$ -
Residential Indirect Costs not attributable to any specific program →								
Total Residential TRC Costs		$ -						
****Totals TRC - Residential**	**$ -**	**$ -**	**$ -**	**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				
***Totals App. B - Commercial**	$ -	$ -	$ -	0.00	0	0	0	$ -

Commercial Indirect Costs not attributable to any specific program →				
Total TRC Costs		$ -		
****Totals TRC - Commercial**	**$ -**	**$ -**	**$ -**	**0.00**

3. Institutional Programs

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

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

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

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

5. Agricultural Programs

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

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

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

6. LDC System Programs

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

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

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

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

7. Smart Meters Program

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

Report Year Gross C&DM Expenditures ($) →	

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 ($)
Wind Energy Study			$ -	0.00				
Name of Program B			$ -	0.00				
Name of Program C			$ -	0.00				
Name of Program D			$ -	0.00				
Name of Program E			$ -	0.00				
Name of Program F			$ -	0.00				
Name of Program G			$ -	0.00				
Name of Program H			$ -	0.00				
Name of Program I			$ -	0.00				
Name of Program J			$ -	0.00				
***Totals App. B - Other #1**	$ -	$ -	$ -	0.00	0	0	0	$ -
Other #1 Indirect Costs not attributable to any specific program →								
Total TRC Costs		$ -						
****Totals TRC - Other #1**	**$ -**	**$ -**	**$ -**	**0.00**				

9. Other #2 Programs

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

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

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

LDC's CDM PORTFOLIO TOTALS

	TRC Benefits (PV)	TRC Costs (PV)	$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures ($)
***TOTALS FOR ALL APPENDIX B**	$ -	$ -	$ -	0.00	$ -	$ -	$ -	$ -
*Any **other** Indirect Costs not attributable to any specific program* →								
TOTAL ALL LDC COSTS		$ -						
****LDC' PORTFOLIO TRC**	$ -	$ -	$ -	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:** Website Conservation/Administration

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

The intent of this program is to create a conservation website to inform and reach out to energy consumers. The website costs are shared with other members of the CHEC group. The admin costs of the CHEC Coordinator for the CHEC group has been included within this program. Also a customer survey was deployed to better make decisions for program targets and design.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	0		
Efficient technology:	0		
Number of participants or units delivered:	0.00		
Measure life (years):	0.00		
Number of participants/units 05&06	14300		
Number of Participants or units delivered life-to-date	14,300.00		

B.

TRC Results:	**Reporting Year**	**Total 05&06 TRC Results**	**Life-to-date TRC Results:**
[1] *TRC Benefits ($):*	$ -		$ -
[2] *TRC Costs ($):*			
Utility program cost (less incentives):	$ -	$ 9,283.34	$ 9,283.34
Incremental Measure Costs (Equipment Costs)	$ -		$ -
Total TRC costs:	$ -	$ 9,283.34	$ 9,283.34
Net TRC (in year CDN $):	$ -	-$ 9,283.34	$ (9,283.34)
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	#DIV/0!	$ -	$ -

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

Conservation Programs:

			Cumulative Results:	
Demand savings (kW):	*Summer*	0.00	Report Summer Demand (kW)	
	Winter	0.00	0.00	
	lifecycle	*in year*	*Cumulative Lifecycle*	*Cumulative Annual Savings*
Energy saved (kWh):	*0.00*	0.00	0	0
			Total 05&06 Lifecycle	*Total 05&06 Annual*
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

D.

Program Costs*:		**Reporting Year**	**Total 05&06 Costs**	**Cumlative Life to Date**
Utility direct costs ($):	*Incremental capital:*	$ -		$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	*Incremental O&M:*	$ -	$ 9,283.34	$ 9,283.34
	Incentive:	$ -		$ -
	Total:	$ -	$ 9,283.34	$ 9,283.34
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ -	9,283.34	9,283.34

Appendix B - Discussion of the Program

(complete this section for each program)

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

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

To create a foundation of an active conservation culture by engaging the community as a whole and fostering the this culture through educating energy customers. Education brochures produced by the Ministry of Energy-"Conserve Energy and Save Money". These were purchased and provided to all residential and general service customers.

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:	1,520.00		
Measure life (years):	0.00		
Number of participants/units 05&06	14500		
Number of Participants or units delivered life-to-date	16,020.00		

B. **TRC Results:**

	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ -		$ -
[2] *TRC Costs ($):*			
Utility program cost (less incentives):	$ 14,159.25	$ 15,070.44	$ 29,229.69
Incremental Measure Costs (Equipment Costs)	$ -		$ -
Total TRC costs:	$ 14,159.25	$ 15,070.44	$ 29,229.69
Net TRC (in year CDN $):	$ (14,159.25)	-$ 15,070.44	$ (29,229.69)
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	$ -	$ -

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

Conservation Programs:

			Cumulative Results:	
Demand savings (kW):	*Summer*	0.00	Report Summer Demand (kW)	
	Winter	0.00	0.00	
	lifecycle	*in year*	*Cumulative Lifecycle*	*Cumulative Annual Savings*
Energy saved (kWh):	*0.00*	0.00	0	0
			Total 05&06 Lifecycle	*Total 05&06 Annual*

Other resources saved :

Natural Gas (m3):	0	0
Water (l)	0	0

D. **Program Costs*:**

		Reporting Year	Total 05&06 Costs	Cumlative Life to Date
Utility direct costs ($):	*Incremental capital:*	$ -		$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	*Incremental O&M:*	$ 14,159.25	$ 15,070.44	$ 29,229.69
	Incentive:	$ -		$ -
	Total:	$ 14,159.25	$ 15,070.44	$ 29,229.69
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ 14,159.25	15,070.44	29,229.69

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Partnerships/Sponsorships-Coupon Program

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

Coupon program offering rebates to residential customers on a range of energy efficient technologies utilized by Canadian Tire Corporation.

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 (years):	0.00		
Number of participants/units 05&06	757		
Number of Participants or units delivered life-to-date	758.00		

B.

TRC Results:	**Reporting Year**	**Total 05&06 TRC Results**	**Life-to-date TRC Results:**
[1] *TRC Benefits ($):*	*$ 361.12*	$ 34,749.00	$ 34,749.00
[2] *TRC Costs ($):*			
Utility program cost (less incentives):	$ 5,391.83	$ 6,154.18	$ 11,546.01
Incremental Measure Costs (Equipment Costs)	$ 432.00		$ 432.00
Total TRC costs:	$ 5,823.83	$ 6,154.18	$ 11,546.01
Net TRC (in year CDN $):	$ (5,391.83)	$ 28,594.82	$ 23,132.11
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.06	$ 5.65	$ 2.93

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):	*Summer*	0.32	Report Summer Demand (kW)	
	Winter	0.00	0.00	
	lifecycle	*in year*	*Cumulative Lifecycle*	*Cumulative Annual Savings*
Energy saved (kWh):	*4,419.45*	315.68	779431.95	75106.875
			Total 05&06 Lifecycle	*Total 05&06 Annual*
			775012.5	74791.2

Other resources saved :

Natural Gas (m3):	0	0
Water (l)	0	0

D.

Program Costs*:		**Reporting Year**	**Total 05&06 Costs**	**Cumlative Life to Date**
Utility direct costs ($):	*Incremental capital:*	$ 5,391.83		$ 5,391.83
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	*Incremental O&M:*	$ -	$ 3,406.18	$ 3,406.18
	Incentive:	$ -	$ 2,748.00	$ 2,748.00
	Total:	$ 5,391.83	$ 6,154.18	$ 11,546.01
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ 5,391.83	6,154.18	11,546.01

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Installation of Capacitor Banks to reduce losses

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

Install capacitor banks on the distribution system. Only a portion of the total cost charged to CDM as a rebate/incentive.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	No Capacitor Banks		
Efficient technology:	Capacitor Banks		
Number of participants or units delivered:	1.00		
Measure life (years):	20.00		
Number of participants/units 05&06			
Number of Participants or units delivered life-to-date	1.00		

B.

TRC Results:	**Reporting Year**	**Total 05&06 TRC Results**	**Life-to-date TRC Results:**
[1] *TRC Benefits ($):*	$ 79,498.05	$ 3,980.91	$ 83,478.96
[2] *TRC Costs ($):*			
Utility program cost (less incentives):	$ -	$ 3,534.87	$ 3,534.87
Incremental Measure Costs (Equipment Costs)	$ 26,100.00		$ 26,100.00
Total TRC costs:	$ 26,100.00	$ 3,534.87	$ 29,634.87
Net TRC (in year CDN $):	$ 53,398.05	$ 446.04	$ 53,844.09
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	3.05	$ 1.13	$ 2.82

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

Cumulative Results:

Conservation Programs:

			Report Summer Demand (kW)	
Demand savings (kW):	*Summer*	11.34	11.34	
	Winter	11.34		
	lifecycle	*in year*	*Cumulative Lifecycle*	*Cumulative Annual Savings*
Energy saved (kWh):	*1,990,656.00*	0.00	2107381	4669
			Total 05&06 Lifecycle	*05&06 Annual*
			116725	4669

Other resources saved :

Natural Gas (m3):	0	0
Water (l)	0	0

D.

Program Costs*:		**Reporting Year**	**Total 05&06 Costs**	**Cumlative Life to Date**
Utility direct costs ($):	*Incremental capital:*	$ -	$ 3,534.87	$ 3,534.87
0	*Incremental O&M:*	$ -		$ -
	Incentive:	$ 14,232.39		$ 14,232.39
	Total:	$ 14,232.39	$ 3,534.87	$ 17,767.26
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ 14,232.39	3,534.87	17,767.26

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Smart and interval meters

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

Pilot studies to be conducted to investigate applicability and optimum introduction of smart meters. Through joining the OUSM group, this provides IHDSL an ability to gain access to documented test results from a viariety of vendors. IHDSL will also be providing interval meters to GS>50 customers in order to education on conservation and demand load shifting.

Measure(s):

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

B. **TRC Results:**

	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ -		$ -
[2] *TRC Costs ($):*			
Utility program cost (less incentives):	$ 18,743.76	$ 11,649.14	$ 30,392.90
Incremental Measure Costs (Equipment Costs)	$ -		$ -
Total TRC costs:	$ 18,743.76	$ 11,649.14	$ 30,392.90
Net TRC (in year CDN $):	$ (18,743.76)	-$ 11,649.14	$ (30,392.90)
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	$ -	$ -

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):	*Summer*	0.00	Report 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
			Total 05&06 Lifecycle / *Total 05&06 Annual*
Other resources saved :			
Natural Gas (m3):	0	0	
Water (l)	0	0	

D. **Program Costs*:**

		Reporting Year	Total 05&06 Costs	Cumlative Life to Date
Utility direct costs ($):	*Incremental capital:*	$ -		$ -
Includes Measure's Cost - ensure full cost of measure entered in TRC!L15	*Incremental O&M:*	$ 18,743.76	$ 11,649.14	$ 30,392.90
	Incentive:	$ -		$ -
	Total:	$ 18,743.76	$ 11,649.14	$ 30,392.90
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ 18,743.76	11,649.14	30,392.90

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** Wind Energy Study

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

Pilot study being conducted to investigate applicability of a sustainable windmill.

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 (years):	0.00		
Number of participants/units 05&06			
Number of Participants or units delivered life-to-date	1.00		

B. **TRC Results:**

	Reporting Year	Total 05&06 TRC Results	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ -		$ -
[2] *TRC Costs ($):*			
Utility program cost (less incentives):	$ 14,500.00	$ 33,280.80	$ 47,780.80
Incremental Measure Costs (Equipment Costs)	$ -		$ -
Total TRC costs:	$ 14,500.00	$ 33,280.80	$ 47,780.80
Net TRC (in year CDN $):	$ (14,500.00)	-$ 33,280.80	$ (47,780.80)
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	$ -	$ -

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):	*Summer*	0.00	Report 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
			Total 05&06 Lifecycle	*Total 05&06 Annual*

Other resources saved :

Natural Gas (m3):	0	0
Water (l)	0	0

D. **Program Costs*:**

		Reporting Year	Total 05&06 Costs	Cumlative Life to Date
Utility direct costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ 14,500.00	$ 33,280.80	$ 47,780.80
	Incentive:	$ -		$ -
	Total:	$ 14,500.00	$ 33,280.80	$ 47,780.80
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ 14,500.00	33,280.80	47,780.80

Appendix B - Discussion of the Program

(complete this section for each program)

A. **Name of the Program:** System Optimization through Street Light Conversion

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

Convert municipal streetlight from fluorescent and mecury to high pressure sodium. Program to save energy and reduce streetlight demand. Replacement of 11 units from 120w fluorescent to 100HPS, 53 units from 120w fluorescent to 70 HPS, 32 units from 125w mercury to 70 HPS and 14 units from 175w mecury to 100 HPS.

Measure(s):

	Measure 1	Measure 2	Measure 3	Measure 4
Base case technology:	120 watt Fluorescent	120 watt Fluorescent	125 watt mercury	175 watt mercury
Efficient technology:	100 HPS	70 HPS	70 HPS	100 HPS
Number of participants or units delivered:				
Measure life (years):				
Number of participants or units 2005	11	53	32	14
Number of Participants or units delivered life-to-date	11.00	53.00	32.00	14.00

B. **TRC Results:**

	Reporting Year	2005/06 TRC Results	Life-to-date TRC Results:
TRC Benefits ($):	$ -	$ 17,716.66	$ 17,716.66
Measure's Costs ($):			
Utility program cost (less incentives):	$ -		$ -
Incremental Measure Costs (Equipment Costs)	$ -	$ 40,491.00	$ 40,491.00
Total TRC costs:	$ -	$ 40,491.00	$ 40,491.00
Net TRC (in year CDN $):	$0.00	-$ 22,774.34	$ (22,774.34)
Benefit to Cost Ratio (TRC Benefits/TRC Costs):	0.00	$ 0.44	$ 0.44

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

Conservation Programs:

			Cumulative Results:	
Demand savings (kW):	*Summer*	0.00	Report Winter Demand (kW)	
	Winter	0.37	0.00	
	lifecycle	*in year*	*Cumulative Lifecycle*	*Cumulative Annual Savings*
Energy saved (kWh):	*0.00*	0.00	532655.82	26632.791
			2005 Lifecycle	*2005 Annual*
			532655	26632
Other resources saved :				
Natural Gas (m3):	0	0		
Water (l)	0	0		

D. **Program Costs*:**

			2005/06 Costs	Cumlative Life to Date
Utility direct costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -	$ 45,000.00	$ 45,000.00
	Incentive:	$ -		$ -
	Total:	$ -	$ 45,000.00	$ 45,000.00
Utility indirect costs ($):	*Incremental capital:*	$ -		$ -
	Incremental O&M:	$ -		$ -
	Total:	$ -	$ -	$ -
Total Utility Cost of Program		$ -	45,000.00	45,000.00