TAY HYDRO ELECTRIC DISTRIBUTION COMPANY INC.
P.O. Box 160, 489 Finlayson Street
Port McNicoll, Ontario L0K 1R0
Phone (705) 534-7281
Fax (705) 534-4470

March 30, 2007

Ms. Kirsten Walli, Board Secretary
Ontario Energy Board
2300 Yonge Street, Suite 2700
Toronto ON M4P 1E4

Dear Ms. Walli :

Re: 2006 Annual Report, CDM Third Tranche Funding

RP-2004-0203
EB-2004-0512

Tay Hydro Electric Distribution Company Inc. respectfully submits its 2006 Annual Report of CDM Third Tranche Funding.

Attached are three hard copies and two electronic copies, in the formats prescribed by the Board.

Sincerely,

per

James Crawford
President

Attachments

Tay Hydro Electric Distribution Company Inc.

RP-2004-0203
EB-2004-0512

2006 Annual Report of CDM Third Tranche Funding

Introduction

Tay Hydro in it's commitment to investing the equivalent of one year of the third installment of its incremental market adjusted revenue requirement, has developed and partially implemented four programmes over the period December 2004 to December 2006. Tay Hydro has done this by designing, developing and implementing CDM programmes as described below. As these programmes continue to proceed, Tay Hydro will be monitoring their effectiveness to ensure maximum conservation benefits.

This report outlines the programmes and their successes in the year 2006.

Evaluation of CDM Plan

Tay Hydro's CDM plan consists of four main components:

1. Education and Promotion
Through the use of bill stuffers, coupons, and energy conservation, messages residential and commercial consumers were informed and educated about conservation tips and products available to help them reduce their electricity usage. The coupon programme was aimed toward the residential sector.

2. School Conservation and Safety Promotion
Provide educational and information sessions in the primary schools to instill at an early age, the need for wise energy usage. This would ensure the children promote conservation at home and reduce residential consumption. The in-school sessions would also involve a component on electricity safety.

3. System Optimization
Perform a distribution system study to determine where savings can be realized to reduce losses. Recommendations from the study would be acted upon to realize the most cost effective expected savings and reduce the amount of electricity wasted through losses in the distribution system. This will benefit all classes of customers. Expected areas of savings would be through better balancing of loads, changing open points in the distribution system, upgrading wire sizes and changing to low-loss transformers.

4. Plan Research, Design and Development
Design the plan, and research and evaluate the programmes using an external consultant and internal staff.

Appendices "A" and "C" attached, include the evaluation of the programmes.

The lifecycle energy savings for 2006 are 148,877 kWh with a demand saving of 100 kW. The cumulative totals life-to-date are lifecycle energy savings of 287,481 kWh and a demand savings of 159 kW. In 2006 for the residential sector the gross expenditure was $0.0208 per kWh, with a benefit to cost ratio of 8.35, and a total TRC net value of $9,485.00. The cumulative totals life-to-date for all programmes shows expenditures of $1.22 per kWh, with a benefit to cost ratio of 7.08.

Discussion of the Programmes

The main part of Tay Hydro's conservation efforts have been the education of the energy using customers. Tay Hydro believes that informed users will make the right decisions to minimize their usage of electricity. Only using what is required, without any wastage, is good for the Ontario electricity system, the environment, and especially for the consumers' "pocket book". An informed consumer will reduce their usage of this valuable resource.

The education focus used at Tay Hydro is two pronged: the students and the parents. Tay Hydro was at all the primary schools and presented an entertaining programme to grades 4 through 8. The activities and information were enthusiastically received by students and teachers alike. Not only were "ways-to-save" talked about, but why conservation is good for the world we live in. We found that the young people are very interested and concerned about energy usage, wastage and its affects on their community and their health. The school assemblies in 2005 were a success.

The in-the-schools presentations also featured an electricity safety component, a topic Tay Hydro continues to practice, and expound to everyone.

The parents receive conservation education through brochures and coupons. The brochures provide them with suggested ways to reduce energy usage and, most importantly to them, ways to lower their Tay Hydro bills. The coupons offer savings on the purchase of various items such as: compact fluorescent lights, programmable thermostats for air conditioners and baseboard heaters, motion detectors, dimmer switches for lights, ceiling fans and LED Christmas lights. The usage of these coupons was tracked and we are very encouraged by the number of redemptions to date; another success.

The combination of the school **and** the parent education programmes, complement each other. This two pronged approach reinforces what has been heard and seen on both sides. The dialogue between parents and children regarding energy conservation, helping the environment, family health, and saving money all contribute to the effectiveness of the Tay Hydro approach.

The electricity distribution system Tay Hydro purchased from Hydro One Networks, back in 1999, has shown to be ineffective in minimizing system losses. We are finalizing the analysis of the distribution system, which will then provide recommendations for changes and/or upgrades. The next step will be the implementation of the recommendations, and subsequently the savings of energy, which currently is being lost into the atmosphere. We estimate that there will be a 1% saving of all energy flowing through the Tay Hydro distribution system.

See the attached Appendix "B"s. These provide the detailed analysis for all the programmes. The Education and Promotion actual programme costs are included in the analysis titled "Education and Promotion – Overall". The advertising and promotional costs cannot be attributed to any particular programme since they were all advertised together; so these costs are all lumped together under Overall. For each of the coupon programmes, the detailed analysis according to the TRC Guide is shown on individual Appendix "B"s.

Lessons Learned

The residential programmes were successful when analyzed under the TRC guidelines. The participation by the consumers was less than what was hoped. Increased advertising and promotion would have yielded even better results.

The System Optimization programme is in the research phase. Study results are still being gathered. It is expected that definite recommendations for improved system operation will be forthcoming. The implementation of the recommendations will provide the kWh saving to justify the initial expenditures.

Conclusion

Tay Hydro's experiences with the CDM programmes have been quite positive, and we have encountered no barriers in their execution. The realization of the System Optimization Study recommendations will provide even greater conservation saving than Tay Hydro has experienced in the first two years of the CDM Plan.

March 2007

Attachments

- Appendix "A"
- Appendix "B"s
- Appendix "C"
- PDF electronic copy
- Excel electronic copy of Appendices only

Appendix A - Evaluation of the CDM Plan

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

	[5] Cumulative Totals Life-to-date	Total for 2006	Residential	Commercial	Institutional	Industrial	Agricultural	LDC System	[4] Smart Meters	Other #1	Other #2
Net TRC value ($):	17103	$ 9,485	$ 9,485	$ -	$ -	$ -	$ -	$ -		$ -	$ -
Benefit to cost ratio:	7.08	8.35	8.35	0.00	0.00	0.00	0.00	0.00		0.00	0.00
Number of participants or units delivered:	265	163	163								
Lifecycle (kWh) Savings:	287481	148,877	148,877	0	0	0	0	0		0	0
Report Year Total kWh saved (kWh):	34248	15,065	15,065	0	0	0	0	0		0	0
Total peak demand saved (kW):	159	100	100	0	0	0	0	0		0	0
Total kWh saved as a percentage of total kWh delivered (%):	0.04%	0.04%	0.04%								
Peak kW saved as a percentage of LDC peak kW load (%):	1.83%	1.15%	1.15%								
[1] *Report Year Gross C&DM expenditures ($):*	41809	$ 6,980	$ 3,104	$ -	$ -	$ -	$ -	$ 2,538	$ -	$ 1,338	$ -
[2] *Expenditures per KWh saved ($/kWh):*	1.22	$ 0.05	$ 0.02	$ -	$ -	$ -	$ -	$ -		$ -	$ -
[3] *Expenditures per KW saved ($/kW):*	263.00	$ 69.75	$ 31.02	$ -	$ -	$ -	$ -	$ -		$ -	$ -

Utility discount rate (%):	7.625

[1] Expenditures are reported on accrual basis.
[2] Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate energy savings.
[3] Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate capacity savings.
[4] Please report spending related to 3rd tranche of MARR funding only. TRC calculations are not required for Smart Meters. Only actual expenditures for the year need to be reported.
[5] Includes total for the reporting year, plus prior year, if any (for example, 2006 CDM Annual report for third tranche will include 2005 and 2004 numbers, if any.

Appendix C - Program and Portfolio Totals

Report Year: 2006

1. Residential Programs

List each Appendix B in the cells below; Insert additional rows as required.
Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.

	TRC Benefits (PV)	TRC Costs (PV)	$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures ($)
School Conservation and Safety Promotion			$ -	0.00				$ -
Education and promotion - Overall			$ -	0.00				$ 3,104
Baseboard Programmable T'stats	$ 3,356	$ 108	$ 3,248	31.07	2,639	47,509	38	
Dimmer Switch	$ 410	$ 18	$ 392	22.78	501	5,011	3	
15w CFL Indoor Lights	$ 2,371	$ 160	$ 2,211	14.82	8,362	33,450	7	
A/C Programmable T'stats	$ 3,243	$ 864	$ 2,379	3.75	2,291	41,235	42	
Motion Detector	$ 308	$ 45	$ 263	6.84	376	3,758	2	
LED 5w Christmas Lights	$ 1,087	$ 95	$ 992	11.44	896	17,914	8	
Name of Program I			$ -	0.00				
Name of Program J			$ -	0.00				
***Totals App. B - Residential**	$ 10,775	$ 1,290	$ 9,485	8.35	15,065	148,877	100	$ 3,104
Residential Indirect Costs not attributable to any specific program	→							
Total Residential TRC Costs		$ 1,290						
****Totals TRC - Residential**	$ 10,775	$ 1,290	$ 9,485	8.35				

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 ($)
System Optimization Study			$ -	0.00				$ 2,538
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	$ 2,538
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 ($)
CDM Plan Development			$ -	0.00				$ 1,338
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	$ 1,338
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**	$ 10,775	$ 1,290	$ 9,485	8.35	$ 15,065	$ 148,877	$ 100	$ 6,980
*Any **other** Indirect Costs not attributable to any specific program*	→							
TOTAL ALL LDC COSTS		$ 1,290						
****LDC' PORTFOLIO TRC**	$ 10,775	$ 1,290	$ 9,485	8.35				

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

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** CDM Plan Development

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

Using an external consultant and internal staff to design, the Plan and research programmes.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:			
Efficient technology:			
Number of participants or units delivered for reporting year:	3700		
Measure life (years):			
Number of Participants or units delivered life to date			

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*		
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):

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

Conservation Programs:

Demand savings (kW): *Summer*
Winter

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):				
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

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

Demand Response Programs:

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

Power Factor Correction Programs:

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify): 3700 bill stuffers delivered to every customer

D.	**Actual Program Costs:**		**Reporting Year**	**Cumulative Life to Date**
	Utility direct costs ($):	*Incremental capital:*		
		Incremental O&M:	$ 1,337.98	$ 2,713.00
		Incentive:		
		Total:		
	Utility indirect costs ($):	*Incremental capital:*		
		Incremental O&M:		
		Total:		

E. Assumptions & Comments:

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

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

Appendix B - Discussion of the Program

(complete this Appendix for each program)

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

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:			
Efficient technology:			
Number of participants or units delivered for reporting year:	3700		
Measure life (years):			
Number of Participants or units delivered life to date			

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*		
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):

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

Cumulative Results:

Conservation Programs:

Demand savings (kW): *Summer*

Winter

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):				
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

Controlled load (kW)

Energy shifted On-peak to Mid-peak (kWh):

Energy shifted On-peak to Off-peak (kWh):

Energy shifted Mid-peak to Off-peak (kWh):

Demand Response Programs:

Dispatchable load (kW):

Peak hours dispatched in year (hours):

Power Factor Correction Programs:

Amount of KVar installed (KVar):

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

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify): 3700 bill stuffers delivered to every customer

D. **Actual Program Costs:**

		Reporting Year	Cumulative Life to Date
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:	$ 3,104.00	$ 6,932.00
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. **Assumptions & Comments:**

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Education and Promotion - LED 5w Christmas Lights

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	19.4		
Efficient technology:	0.54		
Number of participants or units delivered for reporting year:	50		
Measure life (years):	30		
Number of Participants or units delivered life to date	75		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ 1,087.40	$ 1,621.11
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	$ 95.00	$ 142.50
Total TRC costs:	$ 992.40	$ 1,478.61
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):	11.45	11.38

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):

Summer		
Winter	7.81	11.72

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):	*17914*	896	26871	1344

Other resources saved :

Natural Gas (m3):

Other (specify):

Demand Management Programs:

Controlled load (kW)

Energy shifted On-peak to Mid-peak (kWh):

Energy shifted On-peak to Off-peak (kWh):

Energy shifted Mid-peak to Off-peak (kWh):

Demand Response Programs:

Dispatchable load (kW):

Peak hours dispatched in year (hours):

Power Factor Correction Programs:

Amount of KVar installed (KVar):

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

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify):

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

E. Assumptions & Comments:

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Education and Promotion - 15w CFL Indoor Lighting

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	139.2		
Efficient technology:	34.8		
Number of participants or units delivered for reporting year:	89		
Measure life (years):	4		
Number of Participants or units delivered life to date	248		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ 2,371.48	$ 6,112.82
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	$ 160.20	$ 446.40
Total TRC costs:	$ 2,211.28	$ 5,666.42
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs): 14.80 13.69

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

Conservation Programs:

Demand savings (kW): *Summer*

Winter 7.37 18.9

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):	*33450*	8362	93209	23302
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

Controlled load (kW)

Energy shifted On-peak to Mid-peak (kWh):

Energy shifted On-peak to Off-peak (kWh):

Energy shifted Mid-peak to Off-peak (kWh):

Demand Response Programs:

Dispatchable load (kW):

Peak hours dispatched in year (hours):

Power Factor Correction Programs:

Amount of KVar installed (KVar):

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

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify):

D. **Actual Program Costs:**		**Reporting Year**	**Cumulative Life to Date**
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Education and Promotion - Motion Detector

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	696		
Efficient technology:	487		
Number of participants or units delivered for reporting year:	2		
Measure life (years):	10		
Number of Participants or units delivered life to date	2		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ 307.66	$ 307.66
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	$ 45.00	$ 45.00
Total TRC costs:	$ 262.66	$ 262.66
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):	6.84	6.84

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):	*Summer*			
	Winter	2.43	2.43	

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):	*3758*	376	3758	376
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

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

Demand Response Programs:

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

Power Factor Correction Programs:

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify):

D. **Actual Program Costs:**		**Reporting Year**	**Cumulative Life to Date**
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Education and Promotion - Dimmer Switch

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	464		
Efficient technology:	324.8		
Number of participants or units delivered for reporting year:	4		
Measure life (years):	10		
Number of Participants or units delivered life to date	4		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ 410.21	$ 410.21
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	$ 18.00	$ 18.00
Total TRC costs:	$ 392.21	392.21
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):	$	22.79		22.79

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):

Summer			
Winter	3.24		3.24

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):	5011	501	5011	501
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

Controlled load (kW)

Energy shifted On-peak to Mid-peak (kWh):

Energy shifted On-peak to Off-peak (kWh):

Energy shifted Mid-peak to Off-peak (kWh):

Demand Response Programs:

Dispatchable load (kW):

Peak hours dispatched in year (hours):

Power Factor Correction Programs:

Amount of KVar installed (KVar):

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

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify):

D. **Actual Program Costs:**		**Reporting Year**	**Cumulative Life to Date**
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Education and Promotion - Basebaord Programmable Thermostats

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	18103		
Efficient technology:	16637		
Number of participants or units delivered for reporting year:	2		
Measure life (years):	18		
Number of Participants or units delivered life to date	2		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ 3,356.00	$ 3,356.00
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	$ 108.00	$ 108.00
Total TRC costs:	$ 3,249.00	$ 3,249.00
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):	31.08	31.08

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

Conservation Programs:

Demand savings (kW):	*Summer*			
	Winter	38.07	38.07	

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):	47509	2639	47509	2639
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

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

Demand Response Programs:

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

Power Factor Correction Programs:

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify):

D. **Actual Program Costs:**

		Reporting Year	Cumulative Life to Date
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:	$ -	$ -
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. **Assumptions & Comments:**

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Education and Promotion - Air Conditioning Programmable Thermostats

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

Residential consumers received a bill stuffer coupon with an incentive if they purchased various electricity conservation items for their home. The consumers would see energy savings, and the electricity system in Ontario would benefit from reduced demand and energy usage, plus avoided capacity additions. Conservation flyers were also distributed via bill stuffers. Six main coupons included LED Christmas lights replacement, CFL replacing 60w incandescent bulbs, outdoor timers for flood lights, dimmer switches for indoor lights, programmable thermostats for basebaord heaters, and programmable thermostats to better control their summer air conditioning.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:	1964		
Efficient technology:	1805		
Number of participants or units delivered for reporting year:	16		
Measure life (years):	18		
Number of Participants or units delivered life to date	37		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*	$ 3,243.36	$ 7,428.67
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)	$ 864.00	$ 1,998.00
Total TRC costs:	$ 2,379.36	$ 5,430.67
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):	3.75	3.72

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

Cumulative Results:

Conservation Programs:

Demand savings (kW):	*Summer*	42.25	97.7
	Winter		

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):	*41235*	2291	95355	5298
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

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

Demand Response Programs:

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

Power Factor Correction Programs:

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify):

D. **Actual Program Costs:**

		Reporting Year	Cumulative Life to Date
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** School Conservation and Safety Promotion

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

All of the schools in Tay Hydro's service area were visited, and a 45 minute presentation was made to all the students, and their teachers, in grades 4 to 8. Over 600 students heard, and saw, demonstrations on home energy conservation tips. Those in attendance would return home and discuss with their parents what they learned. The students were challenged to make at least one change at home to save electricity. In addition the presentation included electricity safety information and demonstrations.

Measure(s):

	Measure 1	Measure 2 (if applicable)	Measure 3 (if applicable)
Base case technology:			
Efficient technology:			
Number of participants or units delivered for reporting year:			
Measure life (years):			
Number of Participants or units delivered life to date	600		

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*		
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):

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

Conservation Programs:

Demand savings (kW): *Summer*
Winter

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):				
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

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

Demand Response Programs:

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

Power Factor Correction Programs:

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify): 3700 bill stuffers delivered to every customer

D.	**Actual Program Costs:**		**Reporting Year**	**Cumulative Life to Date**
	Utility direct costs ($):	*Incremental capital:*		
		Incremental O&M:	$ -	$ 3,714.03
		Incentive:		
		Total:		
	Utility indirect costs ($):	*Incremental capital:*		
		Incremental O&M:		
		Total:		

E. Assumptions & Comments:

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

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

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

Perform a distribution system study to determine where savings can be realized to reduce losses. Recommendations from the study would be acted upon to realize the most cost effective expected savings and reduce the amount of electricity wasted through they distribution system. This will benefit all classes of customers. Expected areas of savings would be through better balancing of loads, changing open points in the distribution system, upgrading wire sizes and changing to low loss transformers.

Measure(s):

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

B. **TRC Results:**

	Reporting Year	Life-to-date TRC Results:
[1] *TRC Benefits ($):*		
[2] *TRC Costs ($):*		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
Net TRC (in year CDN $):		

Benefit to Cost Ratio (TRC Benefits/TRC Costs):

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

Cumulative Results:

Conservation Programs:

Demand savings (kW): *Summer*

Winter

	lifecycle	*in year*	*Cumulative Lifecycle*	Cumulative Annual Savings
Energy saved (kWh):				
Other resources saved :				
Natural Gas (m3):				
Other (specify):				

Demand Management Programs:

Controlled load (kW)

Energy shifted On-peak to Mid-peak (kWh):

Energy shifted On-peak to Off-peak (kWh):

Energy shifted Mid-peak to Off-peak (kWh):

Demand Response Programs:

Dispatchable load (kW):

Peak hours dispatched in year (hours):

Power Factor Correction Programs:

Amount of KVar installed (KVar):

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

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

Line Loss Reduction Programs:

Peak load savings (kW):

	lifecycle	*in year*
Energy savings (kWh):		

Distributed Generation and Load Displacement Programs:

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

Other Programs (specify):

Metric (specify): 3700 bill stuffers delivered to every customer

D. **Actual Program Costs:**

		Reporting Year	Cumulative Life to Date
Utility direct costs ($):	*Incremental capital:*		
	Incremental O&M:	$ 2,538.00	$ 28,450.00
	Incentive:		
	Total:		
Utility indirect costs ($):	*Incremental capital:*		
	Incremental O&M:		
	Total:		

E. **Assumptions & Comments:**

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

[2] are not a component of the TRC costs. However, payments made to a third party service provider to run an incentives program are program costs, and are to be included as TRC costs under the "Utility Program Costs" line.