

110 Lorne St. S
Chapleau, Ontario
P.O. Box 260
P0M 1K0

Chapleau Public Utilities Corp.

Telephone (705) 864-0111
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April 2, 2007

Ontario Energy Board
Board Secretary
2300 Yonge St., Suite 2700
P. O. Box 2319
Toronto, Ontario
M4P 1E4

Dear Sir:

2006 Annual Report – CDM Third Tranche Funding
Chapleau Public Utilities Corporation
Licence #ED-2002-0528
RP-2004-0203

Please find enclosed the year-end report of 2006 CDM activities by Chapleau Public Utilities Corporation.

Chapleau Public Utilities Corporation launched our “Kill A Watt” program during our community’s trade show April 21st and 22nd. Chapleau Public Utilities Corporation staff also handed out energy savings materials during the trade show. The “Kill A Watt” devices were on display for the duration of the show and all visitors to the booth were made aware of the functionality of the units that were for loan from Chapleau Public Utilities Corporation’s office. Chapleau Public Utilities Corporation was disappointed in the lack of interest in this program. A total of eight units were loaned out.

Chapleau Public Utilities Corporation also participated in the annual Christmas tree lighting ceremonies. Staff handed out energy savings materials with a package of LED night lights to the grownup children.

We also launched a Christmas light exchange. Chapleau Public Utilities Corporation gave one strand of LED seasonal lights for every two strands of old lights. The Christmas light exchange was a much better success than the “Kill A Watt” program.

This year we completed our web site which has energy savings information.

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Chapleau Public Utilities Corporation has engaged the services of EnerSpectrum Group to propose a process to study and identify system losses. We are expecting an on site visit from EnerSpectrum Group in the near future.

Although a small LDC, Chapleau Public Utilities Corporation is committed to playing our role in CDM. Looking forward, Chapleau Public Utilities Corporation is looking into a school program to educate students on CDM.

If we can be of any assistance, please contact me at (705) 864-0111.

Respectfully,

Marita Morin
Secty-Treas.

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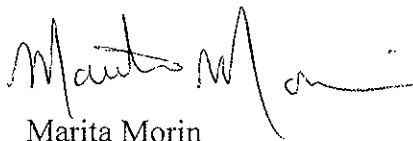
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Respectfully,

A handwritten signature in black ink, appearing to read "Marita Morin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Marita Morin
Secty-Treas.

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.

	³ Cumulative Totals Life-to-date	Total for 2006	Residential	Commercial	Institutional	Industrial	Agricultural	LDC System	Smart Meters	Other #1	Other #2
Net TRC value (\$):		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Benefit to cost ratio:		0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
Number of participants or units delivered:											
Lifecycle (kWh) Savings:		0	0	0	0	0	0	0		0	0
Report Year Total kWh saved (kWh):		0	0	0	0	0	0	0		0	0
Total peak demand saved (kW):		0	0	0	0	0	0	0		0	0
Total kWh saved as a percentage of total kWh delivered (%):											
Peak kW saved as a percentage of LDC peak kW load (%):											
¹ Report Year Gross C&DM expenditures (\$):	3959.77	\$ 2,221	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,221		\$ -	\$ -
² Expenditures per kWh saved (\$/kWh):		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
³ Expenditures per kW saved (\$/kW):		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
Utility discount rate (%):											

Expenditures are reported on accrual basis. Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate energy savings. Expenditures include all utility program costs (direct and indirect) for all programs which primarily generate capacity savings. 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. 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 B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Distribution Systems Improvements

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

The intent of the program is to study and minimize losses of the distribution system. We have engaged Bart Burman from EnerSpectrum Group to propose a process to study and identify: Where system losses exist, Improvements to the distribution system that will reduce losses and improve system and prepare TRC calculations as prescribed by the OEB for annual CDM reporting

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:	<u>Reporting Year</u>	<u>Life-to-date TRC Results:</u>
¹ TRC Benefits (\$):		
² TRC Costs (\$):		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
<hr/>		
<u>Net TRC (in year CDN \$):</u>		
<hr/>		
Benefit to Cost Ratio (TRC Benefits/TRC Costs):		

C. Results: (one or more category may apply)	<u>Cumulative Results:</u>	
<u>Conservation Programs:</u>		
Demand savings (kW):	Summer Winter	
	lifecycle	in year
Energy saved (kWh):		Cumulative Lifecycle
Other resources saved :		Cumulative Annual Savings
Natural Gas (m3):		
Other (specify):		
<u>Demand Management Programs:</u>		
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):		
<u>Demand Response Programs:</u>		
Dispatchable load (kW):		
Peak hours dispatched in year (hours):		
<u>Power Factor Correction Programs:</u>		
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):

<u>D. Actual Program Costs:</u>	<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
Utility direct costs (\$):	Incremental capital:	
	Incremental O&M:	\$ 334.06
	Incentive:	
	Total:	
Utility indirect costs (\$):	Incremental capital:	
	Incremental O&M:	
	Total:	

E. Assumptions & Comments:

At this time, there are no costing or savings to show. Our assumption is that we will have a report from EnerSpectrum Group in the near future.

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

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

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Energy Savings Information & Promotional Programs

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

The intent of the program is to encourage energy savings through positive changes in consumption patterns, operations and behavior. We rented a booth at our community trade show and launched our "Kill A Watt" program and handed out energy savings material. We also handed out energy savings material and gave away 750 packages of LED night lights at our communities tree lighting

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. <u>TRC Results:</u>	<u>Reporting Year</u>	<u>Life-to-date TRC Results:</u>
¹ TRC Benefits (\$):		
² TRC Costs (\$):		
<i>Utility program cost (excluding incentives):</i>		
<i>Incremental Measure Costs (Equipment Costs)</i>		
<i>Total TRC costs:</i>		
<hr/>		
<i>Net TRC (in year CDN \$):</i>		

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

	<i>lifecycle</i>	<i>in year</i>	<i>Cumulative Lifecycle</i>	<i>Cumulative Annual Savings</i>
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):

D. Actual Program Costs:		Reporting Year	Cumulative Life to Date
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$ 874.19	\$ 1,142.03
	Incentive:		
	Total:		
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

Our community was very receptive to our presence at community events. We believe our presence at community events has encouraged people to try to conserve energy.

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

² 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

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Customer Oriented CDM Programs

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

The intent of this program is to form cost effective options for CDM behind customer meters. We had a Christmas light exchange program. We gave away one strand of LED seasonal lights for every two strands of old seasonal lights.

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):

<u>D. Actual Program Costs:</u>		<u>Reporting Year</u>	<u>Cumulative Life to Date</u>
<i>Utility direct costs (\$):</i>	<i>Incremental capital:</i>		
	<i>Incremental O&M:</i>	\$ 1,347.12	\$ 1,514.16
	<i>Incentive:</i>		
	<i>Total:</i>		
<i>Utility indirect costs (\$):</i>	<i>Incremental capital:</i>		
	<i>Incremental O&M:</i>		
	<i>Total:</i>		

E. Assumptions & Comments:

Christmas Light Exchange: We took in 3897 watts of old Christmas lights that would have burned (3897 watts X 61 days X 4 hrs/day) 951 kwh's during the Holiday Season. We gave away 218.4 kWh's of LED Christmas lights that would have burned (218.4 watts X 61 days X 4 hrs/day) 53 kWh's during the same period. The savings for the period would be 898 kWh's.

Appendix B - Discussion of the Program

(complete this Appendix for each program)

A. **Name of the Program:** Examination & Roll Out of Smart Meters

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

The intent of this program is to examine the application and the roll-out of smart metering technology and support infrastructure.

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

<u>TRC Results:</u>	<u>Reporting Year</u>	<u>Life-to-date TRC Results:</u>
¹ TRC Benefits (\$):		
² TRC Costs (\$):		
<i>Utility program cost (excluding incentives):</i>		
<i>Incremental Measure Costs (Equipment Costs)</i>		
<i>Total TRC costs:</i>		
<hr/>		
<i>Net TRC (in year CDN \$):</i>		

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

<u>Results:</u> (one or more category may apply)	<u>Cumulative Results:</u>
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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):

D. Actual Program Costs:		Reporting Year	Cumulative Life to Date
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:	\$	969.52
	Incentive:		
	Total:		
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

E. Assumptions & Comments:

At this time, there are no costing or savings to show. We have been participating in meetings with our District to see if we can somehow work together to implement smart metering.

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

² 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

Commercial Indirect Costs not attributable to any specific program

Total TRC Costs	\$ -	\$ -	0.00
**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.

Name of Program	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle Savings (kWh)	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 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			\$ -	0.00				
**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.

Name of Program	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle Savings (kWh)	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 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		0		0		0		0
*Totals App. B - Industrial	\$ -	\$ -	\$ -	0.00		0		0		0		0
Industrial Indirect Costs not attributable to any specific program	→											
Total TRC Costs	\$ -	\$ -	\$ -	0.00		0		0		0		0
**Totals TRC - Industrial	\$ -	\$ -	\$ -	0.00		0		0		0		0

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.

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

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.

Name of Program A	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				
Total TRC Costs	\$ -	\$ -	\$ -	0.00				874

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.

Name of Program	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 (\$)
\$	\$	\$	0.00	\$	\$	\$	2,221
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.