

# Chapleau Public Utilities Corp.

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March 25, 2009

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

Dear Ms. Walli:

2008 Annual Report – CDM Third Tranche Funding  
Chapleau Public Utilities Corporation  
Licence #ED-2002-0528  
RP\_2002-0203

Please find enclosed the year-end report of 2009 CDM activities by Chapleau Public Utilities Corporation.

Chapleau Public Utilities Corporation had engaged the services of EnerSpectrum Group to propose a process to study and identify system losses. EnerSpectrum Group had two recommendations that Chapleau Public Utilities Corporation will implement. The first recommendation as reported in last year's annual report of installing 3 new 50 kV voltage regulators to increase voltage levels in the rural areas has been completed. The second recommendation was to consider using TRC analysis of proposed Phase 2 capacitor installations performed by EnerSpectrum Group. Chapleau Public Utilities Corporation was granted an extension from the OEB till the end of April 2008 and a transfer of approved funds totaling \$10,000.00 from its Smart Meter Study to its System Improvement program. Chapleau Public Utilities Corporation therefore purchased 2-225 kvar capacitor banks and completed all the make ready work (installing poles and hardware) last summer, but due to late delivery of capacitor banks, the capacitor banks will be installed as soon as weather will allow this spring.

Chapleau Public Utilities Corporation considers educating our customers on energy savings, an ongoing commitment.

Chapleau Public Utilities Corporation had a Christmas light exchange and incandescent for CFL exchange last year with the funding received from the Ontario Power Authority for the LDC Community Initiatives Fund program.

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

Respectfully,

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.

	Total for 2008	Residential	<sup>5</sup> Low Income	Commercial	Institutional	Industrial	Agricultural	LDC System	<sup>4</sup> Smart Meters	Other #1	Other #2
<i>Net TRC value (\$):</i>	\$-	\$-	\$	\$-	\$-	\$-	\$-	\$-		\$-	\$-
<i>Benefit to cost ratio:</i>	0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
<i>Number of participants or units delivered:</i>											
<i>Lifecycle (kWh) Savings:</i>	0	0		0	0	0	0	0		0	0
<i>Report Year Total kWh saved (kWh):</i>	0	0		0	0	0	0	0		0	0
<i>Total peak demand saved (kW):</i>	0	0		0	0	0	0	0		0	0
<i>Total kWh saved as a percentage of total kWh delivered (%):</i>											
<i>Peak kW saved as a percentage of LDC peak kW load (%):</i>											
<sup>1</sup> <i>Report Year Gross C&amp;DM expenditures (\$):</i>	\$9,769		\$	\$-	\$-	\$-	\$-	\$8,569	\$1,200	\$-	\$-
<sup>2</sup> <i>Expenditures per kWh saved (\$/kWh):</i>	\$-	\$-	\$	\$-	\$-	\$-	\$-	\$-		\$-	\$-
<sup>3</sup> <i>Expenditures per kW saved (\$/kW):</i>	\$-	\$-	\$	\$-	\$-	\$-	\$-	\$-		\$-	\$-
<i>Utility discount rate (%):</i>											

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

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

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

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



# 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.

**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>B. TRC Results:</b>	<b>Reporting Year</b>	<b>TRC Results:</b>
<sup>1</sup> TRC Benefits (\$):		
<sup>2</sup> TRC Costs (\$):		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
<b>Net TRC (in year CDN \$):</b>		
<b>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</b>		

<b>C. Results:</b> (one or more category may apply)	<b>Cumulative Results:</b>	
<b>Conservation Programs:</b>		
Demand savings (kW):	Summer	
	Winter	
	lifecycle	in year
Energy saved (kWh):		
Other resources saved :		
Natural Gas (m3):		
Other (specify):		
<b>Demand Management Programs:</b>		
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):		
<b>Demand Response Programs:</b>		
Dispatchable load (kW):		
Peak hours dispatched in year (hours):		
<b>Power Factor Correction Programs:</b>		
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):			
	<i>lifecycle</i>	<i>in year</i>	
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):		
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D. <b>Actual Program Costs:</b>		<b>Reporting Year</b>	<b>Cumulative Life to Date</b>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:		\$1,514.16
	Incentive:		
	Total:		
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

**E. Assumptions & Comments:**

<sup>1</sup> Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit b

<sup>2</sup> For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made

# Appendix B - Discussion of the Program

**(complete this 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.

**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. <b>TRC Results:</b>	Reporting Year	TRC Results:
<sup>1</sup> TRC Benefits (\$):		
<sup>2</sup> TRC Costs (\$):		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
<b>Net TRC (in year CDN \$):</b>		
<b>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</b>		

C. <b>Results:</b> (one or more category may apply)	<b>Cumulative Results:</b>	
<b>Conservation Programs:</b>		
Demand savings (kW):	Summer	
	Winter	
	lifecycle	in year
Energy saved (kWh):		
Other resources saved :		
Natural Gas (m3):		
Other (specify):		
<b>Demand Management Programs:</b>		
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):		
<b>Demand Response Programs:</b>		
Dispatchable load (kW):		
Peak hours dispatched in year (hours):		
<b>Power Factor Correction Programs:</b>		
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):			
	<i>lifecycle</i>	<i>in year</i>	
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):		
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<b>D. Actual Program Costs:</b>		<b>Reporting Year</b>	<b>Cumulative Life to Date</b>
Utility direct costs (\$):	Incremental capital:		
	Incremental O&M:		\$1,142.03
	Incentive:		
	Total:		
Utility indirect costs (\$):	Incremental capital:		
	Incremental O&M:		
	Total:		

**E. Assumptions & Comments:**

<sup>1</sup> Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit b

<sup>2</sup> For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made



# Appendix B - Discussion of the Program

**(complete this 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			

B. <b>TRC Results:</b>	Reporting Year	TRC Results:
<sup>1</sup> TRC Benefits (\$):		
<sup>2</sup> TRC Costs (\$):		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
<b>Net TRC (in year CDN \$):</b>		
<b>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</b>		

C. <b>Results:</b> (one or more category may apply)	<b>Cumulative Results:</b>	
<b>Conservation Programs:</b>		
Demand savings (kW):	Summer	
	Winter	
	lifecycle	in year
Energy saved (kWh):		
Other resources saved :		
Natural Gas (m3):		
Other (specify):		
<b>Demand Management Programs:</b>		
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):		
<b>Demand Response Programs:</b>		
Dispatchable load (kW):		
Peak hours dispatched in year (hours):		
<b>Power Factor Correction Programs:</b>		
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):			
	<i>lifecycle</i>	<i>in year</i>	
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):		
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D. <b>Actual Program Costs:</b>		<b>Reporting Year</b>	<b>Cumulative Life to Date</b>
Utility direct costs (\$):	<i>Incremental capital:</i>		
	<i>Incremental O&amp;M:</i>	\$1,200.00	\$9,637.98
	<i>Incentive:</i>		
	<i>Total:</i>		
Utility indirect costs (\$):	<i>Incremental capital:</i>		
	<i>Incremental O&amp;M:</i>		
	<i>Total:</i>		

**E. Assumptions & Comments:**

<sup>1</sup> Benefits should be estimated if costs have been incurred and the technology has been deployed. Benefits reflect the present value of the measure for the number of units deployed in the year, i.e. the number of units times the net present value per unit b

<sup>2</sup> For technologies which have not been deployed but for which the LDC has incurred costs, report only the TRC costs on a present value basis. Incentives (e.g. rebates) from the LDC to a customer are not a component of the TRC costs. However, payments made

# Appendix B - Discussion of the Program

**(complete this 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 for the program is to study and minimize losses of the distribution system.

**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>B. TRC Results:</b>	<b>Reporting Year</b>	<b>TRC Results:</b>
<sup>1</sup> TRC Benefits (\$):		
<sup>2</sup> TRC Costs (\$):		
Utility program cost (excluding incentives):		
Incremental Measure Costs (Equipment Costs)		
Total TRC costs:		
<b>Net TRC (in year CDN \$):</b>		
<b>Benefit to Cost Ratio (TRC Benefits/TRC Costs):</b>		

<b>C. Results:</b> (one or more category may apply)	<b>Cumulative Results:</b>	
<b>Conservation Programs:</b>		
Demand savings (kW):	Summer	
	Winter	
	lifecycle	in year
Energy saved (kWh):		
Other resources saved :		
Natural Gas (m3):		
Other (specify):		
<b>Demand Management Programs:</b>		
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):		
<b>Demand Response Programs:</b>		
Dispatchable load (kW):		
Peak hours dispatched in year (hours):		
<b>Power Factor Correction Programs:</b>		
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):			
	<i>lifecycle</i>	<i>in year</i>	
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):		
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D. <b>Actual Program Costs:</b>		<b>Reporting Year</b>	<b>Cumulative Life to Date</b>
Utility direct costs (\$):	<i>Incremental capital:</i>	\$8,569.04	\$8,569.04
	<i>Incremental O&amp;M:</i>		\$15,584.06
	<i>Incentive:</i>		
	<i>Total:</i>		
Utility indirect costs (\$):	<i>Incremental capital:</i>		
	<i>Incremental O&amp;M:</i>		
	<i>Total:</i>		

**E. Assumptions & Comments:**

No cost savings to show at this time. Capacitor banks will be installed this spring. Load balancing will follow installation.

<sup>1</sup> 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.

<sup>2</sup> 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 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 (\$)
Name of Program A			\$-	0.00				
Name of Program B			\$-	0.00				
Name of Program C			\$-	0.00				
Name of Program D			\$-	0.00				
Name of Program E			\$-	0.00				
Name of Program F			\$-	0.00				
Name of Program G			\$-	0.00				
Name of Program H			\$-	0.00				
Name of Program I			\$-	0.00				
Name of Program J			\$-	0.00				
<b>*Totals App. B - Residential</b>	\$-	\$-	\$-	0.00	0	0	0	\$-
<i>Residential Indirect Costs not attributable to any specific program</i>								
<b>Total Residential TRC Costs</b>		\$-						
<b>**Totals TRC - Residential</b>	\$-	\$-	\$-	0.00				

## 2. Commercial Programs

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

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

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

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				
<b>*Totals App. B - Institutional</b>	\$-	\$-	\$-	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				
<b>*Totals App. B - Industrial</b>	\$-	\$-	\$-	0.00	0	0	0	\$-

Industrial Indirect Costs not attributable to any specific program



Total TRC Costs			\$-	
<b>**Totals TRC - Industrial</b>	\$-	\$-	\$-	0.00

## 5. Agricultural Programs

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

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

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A			\$-	0.00				
Name of Program C			\$-	0.00				
Name of Program C			\$-	0.00				
Name of Program D			\$-	0.00				
Name of Program E			\$-	0.00				
Name of Program F			\$-	0.00				
Name of Program G			\$-	0.00				
Name of Program H			\$-	0.00				
Name of Program I			\$-	0.00				
Name of Program J			\$-	0.00				
<b>*Totals App. B - Agricultural</b>	\$-	\$-	\$-	0.00	0	0	0	\$-

Agricultural Indirect Costs not attributable to any specific program




Total TRC Costs			\$-	
<b>**Totals TRC - Agricultural</b>	\$-	\$-	\$-	0.00

## 6. LDC System Programs

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


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

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

Name of Program C			\$-	0.00				
Name of Program D			\$-	0.00				
Name of Program E			\$-	0.00				
Name of Program F			\$-	0.00				
Name of Program G			\$-	0.00				
Name of Program H			\$-	0.00				
Name of Program I			\$-	0.00				
Name of Program J			\$-	0.00				
<b>*Totals App. B - LDC System</b>	\$-	\$-	\$-	0.00	0	0	0	\$-
<i>LDC System Indirect Costs not attributable to any specific program</i>								
<b>Total TRC Costs</b>		\$-						
<b>**Totals TRC - LDC System</b>	\$-	\$-	\$-	0.00				

## 7. Smart Meters Program


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

Report Year Gross C&DM Expenditures (\$) 

## 8. Other #1 Programs

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

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

	TRC Benefits (PV)	TRC Costs (PV)	\$ Net TRC Benefits	Benefit/Cost Ratio	Report Year Total kWh Saved	Lifecycle (kWh) Savings	Total Peak Demand (kW) Saved	Report Year Gross C&DM Expenditures (\$)
Name of Program A				\$- 0.00				
Name of Program B				\$- 0.00				
Name of Program C				\$- 0.00				
Name of Program D				\$- 0.00				
Name of Program E				\$- 0.00				
Name of Program F				\$- 0.00				
Name of Program G				\$- 0.00				
Name of Program H				\$- 0.00				
Name of Program I				\$- 0.00				
Name of Program J				\$- 0.00				
<b>*Totals App. B - Other #1</b>	\$-	\$-	\$-	0.00	0	0	0	\$-
<i>Other #1 Indirect Costs not attributable to any specific program</i>								
<b>Total TRC Costs</b>		\$-						
<b>**Totals TRC - Other #1</b>	\$-	\$-	\$-	0.00				



## 9. Other #2 Programs

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

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

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

## LDC's CDM PORTFOLIO TOTALS

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

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

\*\* The TRC information from this row is to be carried forward to Appendix A.

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

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

	<sup>5</sup> Cumulative Totals Life-to-date	Residential	<sup>6</sup> Low Income	Commercial	Institutional	Industrial	Agricultural	LDC System	<sup>4</sup> Smart Meters
<i>Net TRC value (\$):</i>	\$	\$	\$	\$	\$	\$	\$	\$	
<i>Benefit to cost ratio:</i>									
<i>Number of participants or units delivered:</i>									
<i>Lifecycle (kWh) Savings:</i>									
<i>Total kWh saved (kWh):</i>									
<i>Total peak demand saved (kW):</i>									
<i>Total kWh saved as a percentage of total kWh delivered (%):</i>									
<i>Peak kW saved as a percentage of LDC peak kW load (%):</i>									
<sup>1</sup> Gross C&DM expenditures (\$):	36447.27	\$	\$	\$	\$	\$	\$	\$26,809.29	\$9,637.98
<sup>2</sup> Expenditures per kWh saved (\$/kWh):	\$	\$	\$	\$	\$	\$	\$	\$	
<sup>3</sup> Expenditures per kW saved (\$/kW):	\$	\$	\$	\$	\$	\$	\$	\$	
<i>Utility discount rate (%):</i>									

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

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

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

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

- ¶ 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).
- ¶ Includes totals from Low Income programs that fall under both commercial and residential.

Other #1	Other #2
\$	\$
\$	\$
\$	\$
\$	\$

