Annual Report CDM Third Tranche Funding

Prepared by Utilities Kingston for Kingston Electricity Distribution Limited

March 31, 2007

INTRODUCTION

As set out in the 'Guideline for Annual Reporting of CDM Initiatives' Kingston Electricity Distribution Limited hereby submits its Conservation and Demand Management (CDM) Annual Report for 2006 to the Ontario Energy Board.

Of the 5 items approved in its CDM Approved Plan, LED Retrofit Program - was started and completed in 2005, the Smart Meter Program was started in 2005 and completed in 2006 and the Partnership / Marketing / Education Program was started in 2006.

This report provides an analysis for the LED Retrofits program (completed 2005), the Smart Meter Program (completed 2006) and the Partnership / Marketing / Education Program segments completed in 2006.

EVALUATION OF THE CDM PLAN

The attached Appendix A provides an overview of the effectiveness of our CDM Plan. It includes the two residential Partnership/Marketing/Education Programs completed in 2006 and the Smart Meter amount for 2006.

DISCUSSION OF THE PROGRAMS

LED - Retrofits Completed in 2005

The LED – Retrofit Program was completed in 2005, the discussion of this program was included in the 2005 CDM Annual Report

Smart Meters - 3rd Tranche Portion Completed in 2006

To enable Kingston Electricity Distribution Limited in supporting the Minister of Energy's commitment to the installation of SMART meters, a pilot program for residential SMART meters commenced in 2005.

This program will provide Kingston Electricity Distribution Limited with the experience and knowledge needed to efficiently expand the use of SMART meters over the next few years. It will also provide customers participating in the pilot program with an incentive to conserve or shift energy use. One of the key elements of the program is the assessment of communication technologies.

During 2006, we purchased Smart Meters at a cost of \$16,214 and incurred \$12,062 to install meters and data collections systems. This amount has been reported in Appendix C.

Partnership / Marketing / Education

In 2006, two programs were initiated targeting the residential sector.

In the fall a Christmas Light Exchange was organized with a local retail outlet. The premise of the program was to exchange, one for one, old inefficient incandescent Christmas light strings for new LED Christmas light strings. On this one day event 750 strings of LED Christmas lights were exchanged for over 2,000 strings of incandescent Christmas lights. The total resource cost (TRC) benefits were based on a one to one replacement on the 750 LED lights strings. KEDL also converted two public display Christmas Trees to LED type light strings. The TRC Benefits and Costs are included in Appendix B2 attached to this report.

Late in 2006 a customer 'awareness' program was set up to distribute 1,000 compact fluorescent bulbs to KEDL customers. The CFL's were distributed to walk-in KEDL customers to promote energy efficiency. To help dispel the misconceptions about compact fluorescents having poor light/colour quality, the bulbs chosen were Energy Star, miniature, 13 w, 'daylight' type with a high colour rendering index (CRI) and a 7 year life expectancy rating. Feedback from customers has been very positive. The TRC Benefits and Costs are included in Appendix B3 attached to this report.

System Optimization / Reduction of Distribution Losses

The System Optimization / Reduction of Distribution Losses program has not commenced and is currently under review.

Electric Hot Water Efficiencies Change-outs

The Electric Hot Water Efficiencies Change-outs program has not commenced and is currently under review.

LESSONS LEARNED

Kingston Electricity Distribution Limited has learned that conservation initiatives require considerable staff resources; in 2006, a dedicated Conservation and Demand Management Advisor position was added to coordinate the OEB approved Conservation and Demand Management Plan and the ongoing Ontario Power Authority's CDM programs.

CONCLUSION

Kingston Electricity Distribution Limited is striving to meet the Minister's direction which is consistent with the direction of our Shareholder and a number of community partners.

Kingston Electricity Distribution Limited will continue to promote a culture of conservation in 2007 through the approved CDM programs and the Ontario Power Authority's CDM initiatives.

Sincerely,

James A. Keech President & CEO

CONTACTS

J. Keech, President and C.E.O.

K. Mundell, Conservation & Demand Management Advisor

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.

↔	\$		<i>€</i> 9	69	59		⇔	\$ 523.76	\$ 1,479.35	\$ 523.76	3 Expenditures per KW saved (\$/kW):
	59		<i>€</i> 9	·	69	\$	<i>€</i> 9	\$ 0.02	\$ 0.05	\$ 0.02	² Expenditures per KWh saved (\$/kWh):
φ,	\$	\$ 28,276	69	69	69	\$	\$	\$ 15,498	\$ 43,774	\$ 43,774	Report Year Gross C&DM expenditures (\$):
								0.021%	0.021%		Peak kW saved as a percentage of LDC peak kW load (%):
								0.0155%	0.0155%	0.0388%	Total kWh saved as a percentage of total kWh delivered (%):
0	0		0	0	0	0	0	30	30	49.65	Total peak demand saved (kW):
0	0		0	0	0	0	0	117,680	117,680	293390	Report Year Total kWh saved (kWh):
0	0		0	0	0	0	0	826,400	826,400	1265678	Lifecycle (kWh) Savings:
								1750	1750	1956	Number of participants or units delivered:
0.00	0.00		0.00	0.00	0.00	0.00	0.00	4.53	4.53	1.8273	Benefit to cost ratio:
<i>ι</i>			· .	s		s -	φ	\$ 54,701	\$ 54,701	\$ 54,969.64	Net TRC value (\$):
Other #2	Other #1	4 Smart Meters	LDC System	Agricultural	Industrial	Institutional	Commercial	Residential	Total for 2006	5 Cumulative Totals Life-to- date	

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.

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:	LED Retrofits - Traffic C	ontrol Lights			
	Description of the program (include	ding intent, design, deli	very, partnership	s and evaluation):		
	Replace incandescent traffic light but	lbs with LED bulbs				
	Measure(s):	Measure 1	Mea	sure 2 (if applicable)	Measure 3	(if applicable)
	Base case technology: Efficient technology: Number of participants or units delivered for reporting year: Measure life (years):	Incandescent bulbs LED bulbs	5			
	Number of Participants or units delivered life to date		206			
B.	TRC Results:			Reporting Year		TRC Results:
	TRC Benefits (\$): TRC Costs (\$):				\$	30,247.00
	Table 1	program cost (excluding ince	entives):		\$	22,680.00
	Incrementa	Measure Costs (Equipmen			\$ 1	7,298.56
	Net TRC (in year CDN \$):	Total TR	C costs:		_ \$	29,978.56 \$ 268.44
		TD0.0				
	Benefit to Cost Ratio (TRC Benefits/	10	#DIV/0!			1.01
C.	Results: (one or more category may	apply)			Cumulat	ive Results:
	Conservation Programs:					
	Conservation Programs: Demand savings (kW):	Sum			LANGERS STREET	20.06
			nmer inter		20.0	6
				in year	20.0 Cumulative Lifecycle	
	Demand savings (kW): Energy saved (kWh):	W		in year	Cumulative	6 Cumulative
	Demand savings (kW): Energy saved (kWh): Other resources saved:	W	inter	in year	Cumulative Lifecycle	6 Cumulative Annual Savings
	Demand savings (kW): Energy saved (kWh): Other resources saved: Natural Gas (m3):	W	inter	in year	Cumulative Lifecycle	6 Cumulative Annual Savings
	Demand savings (kW): Energy saved (kWh): Other resources saved: Natural Gas (m3): Other (specify): Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak	lifecycle 439278 (kWh): (kWh):	inter	in year	Cumulative Lifecycle	6 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 Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak	lifecycle 439278 (kWh): (kWh):	inter	in year	Cumulative Lifecycle	6 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 Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW):	lifecycle 439278 (kWh): (kWh): (kWh):	inter	in year	Cumulative Lifecycle	6 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 Energy shifted Mid-peak to Off-peak Energy shifted On-peak to Off-peak Energy shift	lifecycle 439278 (kWh): (kWh): (kWh):	inter	in year	Cumulative Lifecycle	6 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 Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hour Power Factor Correction Program Amount of KVar installed (KVar):	lifecycle 439278 (kWh): (kWh): (kWh):	inter	in year	Cumulative Lifecycle	6 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 Energy shifted Mid-peak to Off-peak Energy shifted On-peak to Off-peak Energy shift	lifecycle 439278 (kWh): (kWh): (kWh): s): seginning of year (%):	inter	in year	Cumulative Lifecycle	6 Cumulative Annual Savings

Line Loss Reduction Programs: Peak load savings (kW):		
F2 9 - 5	lifecycle	in year
Energy savings (kWh):		ter verterenen fra in interested beter bet
Distributed Generation and Load Distributed Generation and Load Distributed of DG installed (kW): Energy generated (kWh): Peak energy generated (kWh): Fuel type:	placement Programs:	
Other Programs (specify): Metric (specify):		

D.	Actual Program Costs:		Reporting Year	Cumulative Life to Date
	Utility direct costs (\$):	Incremental capital: Incremental O&M: Incentive:	\$	22,680.00
		Total:	\$	22,680.00
	Utility indirect costs (\$):	Incremental capital: Incremental O&M: Total:		

E. Assumptions & Comments:

The LED Retrofits - Traffic Control Lights program was completed in 2005

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:	Partnership/Marketing/E	Education	n			
	Description of the program (inclu	ding intent, design, del	ivery, p	artnerships and evaluat	ion):		
	Led Christmas Light Exchange						
	Measure(s): Base case technology: Efficient technology: Number of participants or units delivered for reporting year: Measure life (years):	Measure 1 5 Watt Christmas Lights LED Christmas Lights 760 30	9 Watt		Measure 3	(if app	olicable)
	Number of Participants or units delivered life to date	760		34			
	TRC Results: 1 TRC Benefits (\$): 2 TRC Costs (\$):		\$	Reporting Year 35,294.89	Life-to-date	TRC	Results: 35,294.89
	0.000000000000000000000000000000000000	ost (excluding incentives):	\$	12,762.00	\$		12,762.00
	Incremental Measure	Costs (Equipment Costs)	\$		\$		(2) (c) (d) (d) (d)
	Net TDO (in control of the control o	Total TRC costs:	\$	12,762.00	\$	•	12,762.00
	Net TRC (in year CDN \$):					\$	22,532.89
C.	Results: (one or more category may	7009			Cumulati	ive Re	
	Demand savings (kW):	Summer Winter	0 6.59		6.59	a	0
		lifecycle	0.53	in year	Cumulative Lifecycle	Cum	ulative ual Savings
	Energy saved (kWh): Other resources saved :	410400	13680	Market Bright Life	410400	1368	30
	Natural Gas (m3): Other (specify):						
	Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hour Power Factor Correction Program Amount of KVar installed (KVar): Distribution system power factor at the Distribution system power factor at the	(kWh): (kWh): (s): ss: peginning of year (%):					
	<u>Line Loss Reduction Programs:</u> Peak load savings (kW):						

	lifecycle	in year	
Energy savings (kWh):			
Distributed Generation and Load	Displacement Progra	ams:	
Amount of DG installed (kW):		A CONTRACT OF THE SECOND PROPERTY OF THE SECO	
Energy generated (kWh):			
Peak energy generated (kWh):			

Metric (specify):

D.	Actual Program Costs:		Re	porting Year	Cumula	tive Life to Date
	Utility direct costs (\$):	Incremental capital: Incremental O&M:	\$	12,762.00	\$	12,762.00
		Incentive: Total:	\$	12,762.00	\$	12,762.00
	Utility indirect costs (\$):	Incremental capital: Incremental O&M:				
		Total:				

E. Assumptions & Comments:

The LED Christmas Light Exchange Program exchanged on a 1 to 1 basis a set of incandescent lights for a set of LED lights. In actuality more than 2000 sets of incandescent lights were exchanged for 750 sets of LED lights. I addition 10 strings of C7 size LED lights were provided to light a KEDL sponsored tree in City Park and 34 strings of C9 size LED lights were supplied to light a tree at City Hall.

Benefits should be estimated if costs have been incurred <u>and</u> 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.
 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

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

Appendix B - Discussion of the Program

(complete this Appendix for each program)

	Name of the Program:	Partnership/	Marketing/Educa				
	Description of the program (inclu	ding intent,	design, delivery,	partne	rships and evaluation):		
	Compact Flourescent Lamp Promot	tion					
	Measure(s):						
		Me	easure 1	Me	easure 2 (if applicable)	Measure 3	(if applicable)
	Base case technology:						
	Efficient technology: Number of participants or units						
	delivered for reporting year:		1000				
	Measure life (years):		4		Action to the control of		
	Number of Participants or units						
_	TRC Results:		1000	LENISA	Deporting Veer	Life to date	TRC Results:
	TRC Benefits (\$):			\$	Reporting Year 34,904.31		34,904.3
	² TRC Costs (\$):			Ψ	04,004.01	Ψ	34,904.0
		gram cost (exc	luding incentives):	\$	2,736.00	\$	2,736.0
	Incremental N	leasure Costs	(Equipment Costs)	\$		\$	System of the last
		2	Total TRC costs:	\$	2,736.00	\$	2,736.0
	Net TRC (in year CDN \$):						\$ 32,168.3
	Benefit to Cost Ratio (TRC Benefits	/TRC Costs):		\$	12.76		12.757421
_	Results: (one or more category ma	y apply)				Cumulativ	ve Results:
	Conservation Programs:						
	Demand savings (kW):		Summer	0			
	Domains Savings (NV).		Winter	23		23	
						Cumulative	Cumulative
		li	fecycle		in year	Lifecycle	Annual Saving
	Energy saved (kWh):	416000					
	Other resources saved:			10400		416000	104000
				10400)	416000	
	Natural Gas (m3):			10400	0	416000	
	Natural Gas (m3): Other (specify):			10400	0	416000	
	Other (specify): Demand Management Programs:			10400		416000	
	Other (specify): Demand Management Programs: Controlled load (kW)			10400	0	416000	
	Other (specify): Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak	k (kWh):		104000	0	416000	
	Other (specify): Demand Management Programs: Controlled load (kW)	k (kWh): : (kWh):		104000		416000	
	Other (specify): Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak	k (kWh): : (kWh):		104000		416000	137
	Other (specify): Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs:	k (kWh): : (kWh):		104000		416000	137
	Other (specify): Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak	k (kWh): (kWh): k (kWh):		104000		416000	100
	Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hour Power Factor Correction Program	k (kWh): (kWh): k (kWh):		104000		416000	
	Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hou Power Factor Correction Program Amount of KVar installed (KVar):	k (kWh): (kWh): k (kWh): rs):		104000		416000	137
	Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hou Power Factor Correction Program Amount of KVar installed (KVar): Distribution system power factor at	k (kWh): (kWh): k (kWh): rs): beginning of y		104000		416000	137
	Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hou Power Factor Correction Program Amount of KVar installed (KVar):	k (kWh): (kWh): k (kWh): rs): beginning of y		104000		416000	
	Demand Management Programs: Controlled load (kW) Energy shifted On-peak to Mid-peak Energy shifted On-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Energy shifted Mid-peak to Off-peak Demand Response Programs: Dispatchable load (kW): Peak hours dispatched in year (hou Power Factor Correction Program Amount of KVar installed (KVar): Distribution system power factor at	k (kWh): (kWh): k (kWh): rs): beginning of y		104000		416000	100

		lifecycle		in year		
	Energy savings (kWh):					
	Distributed Generation and Loa	d 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:		Rep	orting Year	Cumulative Life	to Date
	Utility direct costs (\$):	Incremental capital:	\$	2,736.00	\$	2,736.00
		Incremental O&M:				
		Incentive:				
		Total:	\$	2,736.00	\$	2,736.00
	Utility indirect costs (\$):	Incremental capital:				
	and the desire of The desired the desired search and the desired the transfer of the Theory (The search and the	Incremental O&M:				
		Total:				

Assumptions & Comments:

Compact Flourescent Lamp Promotion - this program was established to promote the use of Compact Flourescent Lamps in conjunction with another utility awareness program. CFL's were given to KEDL customers that came into the office for bill payments and inquiries.

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 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

**Totals TRC - Residential	Total Residential TRC Costs	attributable to any specific program	Totals App. B - Residential	Name of Program J	Name of Program I	Name of Program H	Name of Program G	Name of Program F	Name of Program E	Name of Program D	Name of Program C	CFL promotion	Xmas LED Light Exchange	
\$ 70,1			\$ 70,199									\$ 34,904	\$ 35,295	TRC Be
70,199 \$	€ S	•	99									904 \$	295 \$	Name of the last
15,498	15,498		15,498									2,736	12,762	nefits) TRC Costs (PV) \$ Net TRC Benefits
49			4	8	↔	↔	↔	₩	↔	↔	↔	↔	↔	\$ Net T
54,701			54,701		,	r	E	e	E	e		32,168	22,533	RC Benefits
4.53			4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.76	2.77	Benefit/Cost Re its Ratio
			117,680									104,000	13,680	port Ye
			826,400									416,000	410,400	
			30									23		Total Peak Demand (kW) Saved
			30 \$ 15,498									3 \$ 2,736	7 \$ 12,762	Report Year Gross C&DM Expenditures (\$)

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 be

€9	0	0	0	0.00	\$	59	\$	*Totals App. B - Commercial
				0.00	59			Name of Program J
				0.00	69			Name of Program I
	STATE STATE OF THE			0.00	69			Name of Program H
				0.00	69			Name of Program G
				0.00	69			Name of Program F
				0.00	69			Name of Program E
				0.00	69			Name of Program D
				0.00	⇔			Name of Program C
				0.00	69			Name of Program B
	WASHER BEALT OF THE PERSON NAMED IN	The second secon	THE RESERVE THE PERSON NAMED IN	0.00	€9	STATE OF TAXABLE		Name of Program A
Expenditures (\$)	Saved	Savings	kWh Saved	Ratio	TRC Costs (PV) \$ Net TRC Benefits	TRC Costs (PV)	(PV)	
Report Year Gross C&DM	Total Peak Demand (kW)	Lifecycle (kWh)	Benefit/Cost Report Year Total Lifecycle (kWh)	Benefit/Cost			TRC Benefits	

Commercial Indirect Costs not attributable to any specific program Total TRC Costs **Totals TRC - Commercial \$ - \$
• • • • • • • • • • • • • • • • • • •
φ φ ·
ω .
, , , , , , , , , , , , , , , , , , ,
69

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		超	Benefit/Cost	Benefit/Cost Report Year Total Lifecycle (kWh)		Total Peak Demand (kW)	Report Year Gross C&DM
	(PV)	TRC Costs (PV)	TRC Costs (PV) \$ Net TRC Benefits	Ratio	kWh Saved		Saved	Expenditures (\$)
Name of Program A	THE REAL PROPERTY.	STATISTICS SPECIAL	•	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	TO SERVICE STATE OF		\$	0.00				
*Totals App. B - Institutional	٠	-	\$	0.00	0	0	0	÷
Institutional Indirect Costs not attributable to any specific program					27			
Total TRC Costs		65						
**Totals TRC - Institutional	5	·	\$	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 ro

Name of Program I	Name of Program H	Name of Program G	Name of Program F	Name of Program E	Name of Program D	Name of Program C	Name of Program C	Name of Program A	
									TRC Benefits (PV) TRC Costs (PV) Net TRC Benefits Ratio
	・ はいままれることを表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を								TRC Costs (PV)
69	€9	€9	€9	€9	€9	€9	€9	€9	TRC Costs (PV) \$ Net TRC Benefits
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Benefit/Cost s Ratio
· · · · · · · · · · · · · · · · · · ·			MORNING THE PARTY OF					STATE OF STA	Benefit/Cost Report Year Total Lifecycle (kWh) Ratio kWh Saved Savings
		が の の の の の の の の の の の の の の の の の の の							Lifecycle (kWh) Savings
The California of the	THE RESIDENCE AND PARTY.								Total Peak Vh) Demand (kW) Saved B
Committee of the Commit				THE REAL PROPERTY.				では、大きのでは、	Report Year Gross C&DM Expenditures (\$)

**Totals TRC - Industrial	Total TRC Costs	Industrial Indirect Costs not attributable to any specific program	*Totals App. B - Industrial	Name of Program J
\$			₩	
		1		
S	€9		69	
· •			- ج	S
•				
0.00			0.00	0.00
			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.

**Totals TRC - Agricultural	Total TRC Costs	Agricultural Indirect Costs not attributable to any specific program	*Totals App. B - Agricultural	Name of Program J	Name of Program I	Name of Program H	Name of Program G	Name of Program F	Name of Program E	Name of Program D	Name of Program C	Name of Program C	Name of Program A	
\$													THE RESERVE THE PERSON NAMED IN	TRC Benefits (PV)
•	\$		⇔										TO SAME AND ADDRESS OF THE PARTY OF THE PART	TRC Costs (PV)
S			8	49	49	€9	\$	\$	\$	\$	\$	\$	\$	TRC Costs (PV) \$ Net TRC Benefits
0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1
			0											Benefit/Cost Report Year Total Lifecycle (kWh) Ratio kWh Saved Savings
			0											Lifecycle (kWh) Savings
\$2			0										THE PERSON NAMED IN	Total Peak Demand (kW) Saved
			\$										THE RESIDENCE OF THE PARTY OF T	Report Year Gross C&DM Expenditures (\$)

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 B	Name of Program A			
		(PV)	TRC Benefits	
		TRC Costs (PV)		
€	\$	\$ Net TRC Benefits		
0.00	0.00	Ratio	Benefit/Cost	
		kWh Saved	Report Year Total	
		Savings	Lifecycle (kWh)	
	の国籍政策を開発	Saved	Demand (kW)	Total Peak
		Expenditures (\$)	Gross C&DM	Report Year

**Totals TRC - LDC System	Total TRC Costs	LDC System Indirect Costs not attributable to any specific program	*Totals App. B - LDC System	Name of Program C	Name of Program I	Name of Program H	Name of Program G	Name of Program F	Name of Program E	Name of Program D	Name of Program C
\$			₩.	H-100-10-10-10-10-10-10-10-10-10-10-10-10							
. 69	€9		, \$								
- 45	٠		- \$	\$	\$	€9	59	\$	\$	\$	€9
•					į.	•		·			•
0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		3	0		SECOND MONTH OF THE PARTY OF TH			· · · · · · · · · · · · · · · · · · ·			
			0								
			0 \$								

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.

Other #1 Indirect Costs not	*Totals App. B - Other #1 \$	Name of Program J	Name of Program I	Name of Program H	Name of Program G	Name of Program F	Name of Program E	Name of Program D	Name of Program C	Name of Program B	LED Retrofits - Traffic Control Lights	тяс	Note: To ensure the integrity of the formulas, please insert the additional rows in the middle of the list below.
												TRC Benefits (PV)	las, please in
												TRC Costs (PV)	nsert the addition
	\$	\$	\$	\$	•	\$	€	\$	\$	\$	\$	TRC Costs (PV) \$ Net TRC Benefits	nal rows in the midd
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	le of the list be
	0										AND REPORTS IN TANKS	Benefit/Cost Report Year Total Lifecycle (kWh) Ratio kWh Saved Savings	low.
	0		STREET, STREET			Table Capable Legal					のでは できる できる		
	0											Total Peak Demand (kW) Saved	
	\$										()	Report Year Gross C&DM Expenditures (\$)	

**Totals TRC - Other #1 Total TRC Costs

60

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 ro

TRC Benefits TRC Benefits	TRC Benefits	maent me adding	ai tows in the initial	Benefit/Cost	Benefit/Cost Report Year Total Lifecycle (kWh)	Lifecycle (kWh)	Total Peak Demand (kW)	Report Year
	(PV)	TRC Costs (PV)	TRC Costs (PV) \$ Net TRC Benefits	3	kWh Saved	Savings	Saved	Expenditures (\$)
Name of Program A		THE RESERVED	\$	0.00	THE RESERVE AND ASSESSED.			
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		TO STATE STATE OF THE PERSON NAMED IN	·	0.00				
Name of Program H			•	0.00				
Name of Program I			€ 9	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	6	\$	\$	0.00				

LDC's CDM PORTFOLIO TOTALS

TOTAL ALL LDC COSTS **LDC' PORTFOLIO TRC	Any other Indirect Costs not attributable to any specific program	*TOTALS FOR ALL APPENDIX B	
\$ 70,199		\$ 70,199	TRC Benefits (PV)
\$ 15,498 \$ 15,498		\$ 15,498	TRC Costs (PV)
\$ 54,701		\$ 54,701	TRC Costs (PV) \$ Net TRC Benefits
4.53		4.53 \$	Benefit/Cost F Ratio
		117,680	Benefit/Cost Report Year Total Lifecycle (kWh Ratio kWh Saved Savings
		\$ 826,400	Lifecycle (kWh) Savings
		\$ 30	Total Peak Demand (kW) Saved
		\$ 43,774	Report Year Gross C&DM Expenditures (\$)

^{*}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.