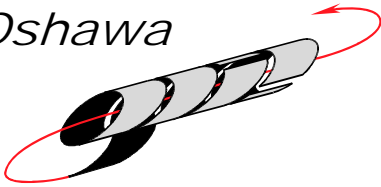


Oshawa



PUC Networks Inc.

100 Simcoe Street South, Oshawa, Ontario L1H 7M7 • Tel. (905) 723-4623 • Fax (905) 723-7947 • E-mail contactus@opuc.on.ca

December 17, 2010

Board Secretary
Ontario Energy Board
P.O. Box 2319
27th Floor 2300 Yonge Street
Toronto, Ontario
M4P 1E4

Dear Ms. Walli:

Re: Oshawa PUC Networks Inc. (ED-2002-0560)
Response to Interrogatories (EB-2010-0107)

Please accept the enclosed Oshawa PUC Networks Inc. response to interrogatories provided by Vulnerable Energy Consumers Coalition (VECC).

Yours truly,

Philip Martin
VP, Finance and Regulatory Compliance
(905) 723-4626 ext 5250
pmartin@opuc.on.ca

**Oshawa PUC Networks Inc
2011 EDR 3rd Generation IRM
EB-2010-0107
Response to VECC Interrogatories**

Table 2: CDM Load Impact by Program and Class

Rate Class	Program	CDM Report Year	Total Energy Savings (kWh) before FR with # Units	kWh Saving (Net of FR)
Residential				
	Library Watt-Reader Program	2006	6,020	5,418
	OPA EKC Pgm Coupons (Summer/Fall 2006)	2006	565,215	512,254
	Residential Replace Bulk with Individual Meters	2006	4,800	4,800
	Retrofit Non-Profit Housing	2006	62,564	57,456
	OPA Direct Install	2008	701,126	633,250
	OPA Peak Shaver	2008	21,942	19,748
	OPA Refrigerator Roundup	2008	755,061	679,555
	OPA Summer Sweepstakes	2008	210,009	210,009
	Subtotal			2,122,489
GS >50 KW-200				
	OPA ERIP - Foley Group	2008	120,150	108,135
	OPA ERIP - Kamlinger Construction, Jul 08 Lighting	2008	1,773,801	1,596,421
	OPA ERIP - Nordeo Inc	2008	46,071	41,464
	OPA ERIP - Syran Developments Ltd	2008	88,663	79,797
	Subtotal			1,825,917

Response

Sum of Net kWh or kW Saved (After FR)	Year (start of program)			
Rate Class	2006	2007	2008	Grand Total
Residential	579,927.33		1,542,561.82	2,122,489.14
Commercial			75,716.37	75,716.37
GS >50 KW-200			1,825,816.73	1,825,816.73
GS 200 KW-1000			428,921.82	428,921.82
Unmetered Scattered Load		757,957.20		757,957.20
Grand Total	579,927.33	757,957.20	3,873,016.53	5,210,901.06

Sum of Lost Revenue 2008	Year (start of program)			
Rate Class	2006	2007	2008	Grand Total
Residential	\$ 6,901.14		\$ 18,356.48	\$ 25,257.62
Commercial			\$ 1,378.04	\$ 1,378.04
GS >50 KW-200			\$ 1,673.04	\$ 1,673.04
GS 200 KW-1000			\$ 397.27	\$ 397.27
Unmetered Scattered Load		\$ 14,780.17		\$ 14,780.17
Grand Total	\$ 6,901.14	\$ 14,780.17	\$ 21,804.83	\$ 43,486.13

- a) Provide a comparison Table in the format of the as filed spreadsheet (LRAM Detail Tab(2) and (3)) showing all the changes and totals from the above tables for the 2009 claim.
- b) For each change 2008-2009 indicate the before and after input assumptions and the other factors driving the change (persistence etc)
- c) Provide a copy of the OPA-verified results extract for all OPUCN OPA 2009 programs (Peaksaver, ERIP etc). Indicate whether these results are final or interim.
- d) Reconcile the OPA results to the values under the Tabs LRAM Detail (2) and (3)
- e) Make any required changes to kwh load reductions and to the LRAM amounts (including Carrying charges) and the rate riders

Response

As a result of this review Oshawa PUC has discovered that the original submission was incomplete. The revised LRAM claim is \$272,066.18, summarized below, and is detailed in the responses to questions (d) and (e).

Revised LRAM Total Amounts and Rate Rider by Class

Customer Class	Lost Revenue including Carrying Charges	Volume	Metric	Proposed Rate Rider
Residential	\$ 130,923.35	490,807,351	kWh	\$0.0003
Commercial	\$ 108,913.83	134,251,798	kWh	\$0.0008
GS >50KW-1000	\$ 14,904.32	861,504	kW	\$0.0173
Unmetered Scattered Load	\$ 17,324.68	2,963,094	kWh	\$0.0058
TOTALS	\$ 272,066.18			

VECC interrogatories a) Comparison Table for changes to 2009 claim:

<u>Lost Revenues and Load by Class and Program Summary</u> (2006, 2007, 2008 programs)	2010 Claim		2009 Claim		Changes	
	Lost Revenue	Lost Load	Lost Revenue	Lost Load	Lost Revenue	Lost Load
	Total Net		Total Net		Total Net	
	Total LRAM	KWh Saved (After FR)	Total LRAM	KWh Saved (After FR)	Total LRAM	KWh Saved (After FR)
Rate Class Program						
Library Watt- Reader Program Total 2006	\$ 71	5,588	\$ 64	5,418	\$ 7	170
OPA EKC Pgm Coupons (Summer/ Fall 2006)	\$ 7,087	557,998	\$ 6,096	512,254	\$ 991	45,744
Residential Replace Bulk with Individual Meters 2006	\$ 61	4,800	\$ 57	4,800	\$ 4	-
Retrofit Non-Profit Housing Total 2006	\$ 618	48,630	\$ 684	57,456	\$ (66)	(8,826)
OPA Direct Intall 2008			\$ 7,536	633,250	\$ (7,536)	(633,250)
OPA Peaksaver Total 2008	\$ 369	29,049	\$ 235	19,748	\$ 134	9,301
OPA Refrigerator Roundup Total 2008	\$ 10,108	795,902	\$ 8,087	679,555	\$ 2,021	116,347
OPA Summer Sweepstakes 2008			\$ 2,499	210,009	\$ (2,499)	(210,009)
Residential Total	\$ 18,313	1,441,968	\$ 25,258	2,122,490	\$ (6,945)	(680,522)
Retro Fit Traffic Signal Lights with LED Fixtures Total	\$ 17,130	757,957	\$ 14,780	757,957	\$ 2,350	0
Unmetered Scattered Load Total	\$ 17,130	757,957	\$ 14,780	757,957	\$ 2,350	0
OPA Direct Install Total 2008	\$ 7,044	393,516			\$ 7,044	393,516
OPA ERIP - Community Baptist Church 2008	\$ 351	19,467	\$ 177	9,720	\$ 174	9,747
OPA ERIP - King Ritson Dental Clinic 2008	\$ 419	23,201	\$ 326	17,888	\$ 93	5,313
OPA ERIP - Pier 1 Imports 2008	\$ 1,452	80,454	\$ 876	48,108	\$ 576	32,346
Commercial Total	\$ 9,266	516,638	\$ 1,379	75,716	\$ 7,887	\$ 440,922
OPA ERIP - Foley Group Total	\$ 38	41,607	\$ 101	108,135	\$ (63)	(66,528)
OPA ERIP - Kassinger Construction, Jul 08 lighting Total	\$ 578	635,164	\$ 1,496	1,596,421	\$ (918)	(961,257)
OPA ERIP - Nordco Inc Total	\$ 18	19,700	\$ 27	41,464	\$ (9)	(21,764)
OPA ERIP - Syran Developments Ltd Total	\$ 30	36,447	\$ 48	79,797	\$ (18)	(43,350)
GS >50KW-200 Total	\$ 664	732,918	\$ 1,672	1,825,817	\$ (1,008)	(1,092,899)
OPA ERIP - Canadian Tire Total	\$ 272	387,620	\$ 363	387,620	\$ (91)	(0)
OPA ERIP - Kassinger Construction, 2007 Total	\$ 25	41,299	\$ 34	41,302	\$ (9)	(3)
GS 200KW-1000 Total	\$ 297	428,919	\$ 397	428,922	\$ (100)	(3)
Grand Total	\$ 45,671	3,878,400	\$ 43,486	5,210,902	\$ 2,185	(1,332,502)

VECC interrogatories b) Factors driving the changes

Lost Revenues and Load by Class and Program Summary								
(2006, 2007, 2008 programs)	Lost Revenue	Lost Load	Lost Revenue	Lost Load	Lost Revenue	Lost Load	Lost Revenue	Lost Load
	from assumption changes (1)		from rate changes (2)		other		Total	
Rate Class Program								
Library Watt- Reader Program Total 2006	2.63	170	4.33				6.96	170
OPA EKC Pgm Coupons (Summer/ Fall 2006)	634.89	45,744	355.69				990.58	45,744
Residential Replace Bulk with Individual Meters 2006	-	-	3.84				3.84	-
Retrofit Non-Profit Housing Total 2006	(0.71)	(56)	38.95		(104.64)	(8,770) (3)	(66.41)	(8,826)
OPA Direct Intall 2008					(7,536.00)	(633,250) (4)	(7,536.00)	(633,250)
OPA Peaksaver Total 2008	118.13	9,301	15.80				133.93	9,301
OPA Refrigerator Roundup Total 2008	1,477.61	116,347	543.64				2,021.26	116,347
OPA Summer Sweepstakes 2008					(2,499.00)	(210,009) (5)	(2,499.00)	(210,009)
Residential Total	2,232.54	171,507	962.26	-	(10,139.64)	(852,029)	(6,944.84)	(680,522)
Retro Fit Traffic Signal Lights with LED Fixtures Total			2,350.00		2,350.00		2,350.00	
Unmetered Scattered Load Total	-	-	2,350.00	-	2,350.00	-	2,350.00	-
OPA Direct Install Total 2008	(4,260.77)	(238,032)	3,789.29		7,515.42	631,548 (6)	7,043.94	393,516
OPA ERIP - Community Baptist Church 2008	0.24	13	(2.92)		177.15	9,733 (7)	174.47	9,747
OPA ERIP - King Ritson Dental Clinic 2008	(112.30)	(6,287)	(5.37)		210.13	11,601 (7)	92.46	5,313
OPA ERIP - Pier 1 Imports 2008	(141.07)	(7,881)	(14.43)		732.13	40,227 (7)	576.63	32,346
Commercial Total	(4,513.90)	(252,186.70)	3,766.57	-	8,634.83	693,109	7,887.50	440,922
OPA ERIP - Foley Group Total	(37.98)	(66,528)	(25.13)				(63.12)	(66,528)
OPA ERIP - Kassinger Construction, Jul 08 lighting	(541.70)	(961,257)	(375.91)				(917.61)	(961,257)
OPA ERIP - Nordco Inc Total	(2.43)	(21,764)	(6.84)				(9.27)	(21,764)
OPA ERIP - Syran Developments Ltd Total	(5.92)	(43,350)	(12.08)				(18.00)	(43,350)
GS >50KW-200 Total	(588.03)	(1,092,899)	(419.96)	-	-	-	(1,007.99)	(1,092,899)
OPA ERIP - Canadian Tire Total			(91.38)				(91.38)	-
OPA ERIP - Kassinger Construction, 2007 Total		(3)	(8.53)				(8.53)	(3)
GS 200KW-1000 Total	-	(3)	(99.91)	-	-	-	(99.91)	(3)
Grand Total	(2,869.39)	(1,173,582)	6,558.96	-	845.19	(158,920)	2,184.76	(1,332,502)

- (1) Changes from OPA assumptions from 2009 to 2010 (2009 using Mass Market / Commercial Measures and Assumptions, Apr/09; 2010 using Quasi-Prescriptive / Prescriptive Measures and Assumptions, Jan/10).
- (2) Changes from rate increases effective May 1, 2009
- (3) Decrease from technology end of useful life
- (4) Change from Direct Install program reported in Residential Rate class in 2009 claim, corrected to Commercial in 2010 claim.
- (5) Decrease from technology end of useful life
- (6) Change from Direct Install program reported in Residential Rate class in 2009 claim, corrected to Commercial in 2010 claim; also includes decrease from technology end of useful life.
- (7) No LRAM was claimed in the 2009 claim for the Commercial rate class due to the rider rounding to more than 4 decimal places. There is a rider in the 2010 claim and the 2008 unclaimed portion is included in the LRAM for this claim.

VECC Interrogatory (c)

The OPA report entitled “2006-2009 Final OPA CDM Results Oshawa PUC Networks Inc” has been submitted under separate cover as an Excel worksheet.

Oshawa PUC Networks Inc
2011 EDR 3rd Generation IRM
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VECC interrogatories d) Reconciliation of OPA 2009 programs to OPA results

Lost Revenues and Load by Class and Program Summary

			2010 Claim		OPA Results				Difference	
Rate	Funding	Year	Total Net	Total	Results	Total Net	Total	Lost	Total Net	Lost
Class	Program	Mechanism	KWh Saved	LRAM	Status	KWh Saved	Net KW	Revenue	KWh Saved	Revenue
			(After FR)				Saved			
OPA PROGRAMS:										
OPA EKC Pgm Coupons (Summer/ Fall 2006) To	OPA 2006	2006	557,998	7,089	Final	4,137,572		52,547	3,579,574	45,459
Secondary Refrigerator Retirement Pilot	OPA 2006	2006			Final	64,595		820	64,595	820
Cool & Hot Savings Rebate	OPA 2006	2006			Final	159,459		2,025	159,459	2,025
Great Refrigerator Roundup	OPA 2007	2007			Final	144,809		1,839	144,809	1,839
Cool & Hot Savings Rebate	OPA 2007	2007			Final	262,935		3,339	262,935	3,339
Every Kilowatt Counts	OPA 2007	2007			Final	1,556,871		19,772	1,556,871	19,772
Social Housing Pilot	OPA 2007	2007			Final	143,252		1,819	143,252	1,819
OPA Peaksaver Total	OPA2008	2008	29,049	369	Final	2,476	(1)	31	(26,574)	(337)
OPA Refrigerator Roundup Total	OPA2008	2008	795,902	10,108	Final	320,170		4,066	(475,733)	(6,042)
Cool Savings Rebate	OPA2008	2008			Final	283,867		3,605	283,867	3,605
Every Kilowatt Counts Power Savings Event	OPA2008	2008			Final	1,434,711		18,221	1,434,711	18,221
Summer Sweepstakes	OPA2008	2008			Final	377,298		4,792	377,298	4,792
OPA Peaksaver Total	OPA 2009	2009	30,146	383	Final	752	(1)	10	(29,393)	(373)
OPA Refrigerator Roundup Total	OPA 2009	2009	511,439	6,495	Final	266,038		3,379	(245,401)	(3,117)
Cool Savings Rebate	OPA 2009	2009			Final	357,507		4,540	357,507	4,540
Every Kilowatt Counts Power Savings Event	OPA 2009	2009			Final	621,650		7,895	621,650	7,895
Residential Total			1,924,534	24,444		10,133,962		128,701	8,209,428	104,258
OPA Direct Install Total	OPA2008	2008	393,516	7,044	Final	34,305		614	(359,211)	(6,430)
OPA Energy Retrofit Inctive Program (ERIP)	OPA2008	2008	123,122	2,222	Final	70,589	(2)	1,264	(52,533)	(959)
High Performance New Construction	OPA2008	2008			Final	639	(3)	11	639	11
Other Customer Based Generation	OPA2008	2008			Final	2,358,434	(3)	42,216	2,358,434	42,216
OPA Direct Install Total	OPA 2009	2009	1,528,288	27,356	Final	2,825,559		50,578	1,297,271	23,221
OPA Energy Retrofit Inctive Program (ERIP)	OPA 2009	2009	60,729	1,087	Final	524,624	(2)	9,391	463,895	8,304
High Performance New Construction	OPA 2009	2009			Final	19,589	(3)	351	19,589	351
Demand Response 1	OPA 2009	2009			Final	17,045	(3)	305	17,045	305
Demand Response 2	OPA 2009	2009			Final	162,256	(3)	2,904	162,256	2,904
Demand Response 3	OPA 2009	2009			Final	3,099	(3)	55	3,099	55
Commercial Total			2,105,655	37,710		6,016,138		107,689	3,910,483	69,979

VECC interrogatories d) Reconciliation of OPA 2009 programs to OPA results

Lost Revenues and Load by Class and Program Summary (page 2 of 2)

Rate Class Program	Funding Mechanism	Year (start of program)	2010 Claim		OPA Results				Difference	
			Total Net KWh Saved (After FR)	Total LRAM	Results Status	Total Net KWh Saved	Net KW Saved	Lost Revenue	Total Net KWh Saved	Lost Revenue
OPA PROGRAMS:										
OPA Energy Retrofit Incentive Program (ERIP)	OPA2008	2008	732,918	664	Final	420,199 (2)	115 (4)	324	(312,719)	(340)
OPA Energy Retrofit Incentive Program (ERIP)	OPA 2009	2009	74,847	70	Final	646,594 (2)	178 (4)	499	571,747	428
High Performance New Construction	OPA2008	2008			Final	810 (3)	1 (5)	3	810	3
Other Customer Based Generation	OPA2008	2008			Final	2,990,425 (3)	1,150 (5)	3,227	2,990,425	3,227
High Performance New Construction	OPA 2009	2009			Final	24,838 (3)	11 (5)	30	24,838	30
Demand Response 1	OPA 2009	2009			Final	21,612 (3)	475 (5)	1,333	21,612	1,333
Demand Response 2	OPA 2009	2009			Final	205,735 (3)	323 (5)	905	205,735	905
Demand Response 3	OPA 2009	2009			Final	3,929 (3)	461 (5)	1,293	3,929	1,293
GS >50KW-200 Total			807,765	735		4,314,143		7,614	3,506,378	6,879
OPA Energy Retrofit Incentive Program (ERIP)	OPA2008	2008	428,919	297	Final	245,910 (2)	68 (4)	190	(183,009)	(108)
OPA Energy Retrofit Incentive Program (ERIP)	OPA 2009	2009	21,353	19	Final	184,464 (2)	51 (4)	142	163,111	123
High Performance New Construction	OPA2008	2008			Final	898 (3)	1 (5)	3	898	3
Other Customer Based Generation	OPA2008	2008			Final	3,314,781 (3)	1,150 (5)	3,227	3,314,781	3,227
High Performance New Construction	OPA 2009	2009			Final	27,532 (3)	11 (5)	30	27,532	30
Demand Response 1	OPA 2009	2009			Final	23,956 (3)	475 (5)	1,333	23,956	1,333
Demand Response 2	OPA 2009	2009			Final	228,050 (3)	323 (5)	905	228,050	905
Demand Response 3	OPA 2009	2009			Final	4,356 (3)	461 (5)	1,293	4,356	1,293
GS 200KW-1000 Total			450,272	317		4,029,947		7,123	3,579,675	6,807
Subtotal OPA programs			5,288,226	63,204		24,494,190		251,127	19,205,964	187,922
OTHER PROGRAMS										
Library Watt- Reader Program Total	3rd Tr MARR	2006	5,588	71	(1) Assumed all Peaksaver KWh's per OPA to be for the Residential Rate Class.					
Residential Replace Bulk with Individual Meters	3rd Tr MARR	2006	4,800	61	(2) Total ERIP KWh's per the OPA were allocated to the Commercial, GS >50-200KW, and GS 200-1000KW Rate Classes based on the KWh savings by customer per OPUC ERIP projects for that year.					
Retrofit Non-Profit Housing	3rd Tr MARR	2006	48,630	618	(3) Total High Performance New Construction, Other Customer Based Generation and Demand Response program KWh's per the OPA were allocated to the Commercial, GS >50-200KW, and GS 200-1000KW Rate Classes according to 2008 billed load, consistent with OPA alloca					
Residential Total			59,018	750	(4) ERIP KW calculated based on KWh divided by 3640 hours assumed for industrial measures based on 14 hrs per day, M-F.					
Retro Fit Traffic Signal Lights with LED Fixtures	3rd Tr MARR	2007	757,957	17,130						
Unmetered Scattered Load Total			757,957	17,130						
Subtotal other programs			816,975	17,879						
Grand Total			6,105,201	81,084						

- (1) Assumed all Peaksaver KWh's per OPA to be for the Residential Rate Class.
- (2) Total ERIP KWh's per the OPA were allocated to the Commercial, GS >50-200KW, and GS 200-1000KW Rate Classes based on the KWh savings by customer per OPUC ERIP projects for that year.
- (3) Total High Performance New Construction, Other Customer Based Generation and Demand Response program KWh's per the OPA were allocated to the Commercial, GS >50-200KW, and GS 200-1000KW Rate Classes according to 2008 billed load, consistent with OPA alloca
- (4) ERIP KW calculated based on KWh divided by 3640 hours assumed for industrial measures based on 14 hrs per day, M-F.
- (5) High Performance New Construction, Other Customer Based Generation and Demand Response program KW calculated based on net summer peak KW savings per OPA final report.

VECC interrogatories e) Updated LRAM

Lost Revenues and Load by Class and Program Summary

Rate Class	Program	Funding Mechanism	Year (start of program)	Revised LRAM	Carrying Charges (1)	Total LRAM incl Carrying Charges
<u>OPA PROGRAMS:</u>						
	OPA EKC Pgm Coupons (Summer/ Fall 2006) Total	OPA 2006	2006	52,547	598	53,145
	Secondary Refrigerator Retirement Pilot	OPA 2006	2006	820	9	830
	Cool & Hot Savings Rebate	OPA 2006	2006	2,025	23	2,048
	Great Refrigerator Roundup	OPA 2007	2007	1,839	21	1,860
	Cool & Hot Savings Rebate	OPA 2007	2007	3,339	38	3,377
	Every Kilowatt Counts	OPA 2007	2007	19,772	225	19,997
	Social Housing Pilot	OPA 2007	2007	1,819	21	1,840
	OPA Peaksaver Total	OPA2008	2008	31	0	32
	OPA Refrigerator Roundup Total	OPA2008	2008	4,066	46	4,112
	Cool Savings Rebate	OPA2008	2008	3,605	41	3,646
	Every Kilowatt Counts Power Savings Event	OPA2008	2008	18,221	207	18,428
	Summer Sweepstakes	OPA2008	2008	4,792	55	4,846
	OPA Peaksaver Total	OPA 2009	2009	10	0	10
	OPA Refrigerator Roundup Total	OPA 2009	2009	3,379	38	3,417
	Cool Savings Rebate	OPA 2009	2009	4,540	52	4,592
	Every Kilowatt Counts Power Savings Event	OPA 2009	2009	7,895	90	7,985
<u>Residential Total</u>				128,701	1,464 #	130,165
	OPA Direct Install Total	OPA2008	2008	614	7	621
	OPA Energy Retrofit Incentive Program (ERIP)	OPA2008	2008	1,264	14	1,278
	High Performance New Construction	OPA2008	2008	11	0	12
	Other Customer Based Generation	OPA2008	2008	42,216	480	42,696
	OPA Direct Install Total	OPA 2009	2009	50,578	575	51,153
	OPA Energy Retrofit Incentive Program (ERIP)	OPA 2009	2009	9,391	107	9,498
	High Performance New Construction	OPA 2009	2009	351	4	355
	Demand Response 1	OPA 2009	2009	305	3	309
	Demand Response 2	OPA 2009	2009	2,904	33	2,937
	Demand Response 3	OPA 2009	2009	55	1	56
<u>Commercial Total</u>				107,689	1,225	108,914

VECC interrogatories e) Updated LRAM

Lost Revenues and Load by Class and Program Summary (page 2 of 2)

Rate Class	Program	Funding Mechanism	Year (start of program)	Revised LRAM	Carrying Charges (1)	Total LRAM incl Carrying Charges
<u>OPA PROGRAMS:</u>						
	OPA Energy Retrofit Incentive Program (ERIP)	OPA2008	2008	324	4	328
	OPA Energy Retrofit Incentive Program (ERIP)	OPA 2009	2009	499	6	504
	High Performance New Construction	OPA2008	2008	3	0	3
	Other Customer Based Generation	OPA2008	2008	3,227	37	3,264
	High Performance New Construction	OPA 2009	2009	30	0	30
	Demand Response 1	OPA 2009	2009	1,333	15	1,348
	Demand Response 2	OPA 2009	2009	905	10	916
	Demand Response 3	OPA 2009	2009	1,293	15	1,308
<u>GS >50KW-200 Total</u>				7,614	87	7,700
	OPA Energy Retrofit Incentive Program (ERIP)	OPA2008	2008	190	2	192
	OPA Energy Retrofit Incentive Program (ERIP)	OPA 2009	2009	142	2	144
	High Performance New Construction	OPA2008	2008	3	0	3
	Other Customer Based Generation	OPA2008	2008	3,227	37	3,264
	High Performance New Construction	OPA 2009	2009	30	0	30
	Demand Response 1	OPA 2009	2009	1,333	15	1,348
	Demand Response 2	OPA 2009	2009	905	10	916
	Demand Response 3	OPA 2009	2009	1,293	15	1,308
<u>GS 200KW-1000 Total</u>				7,123	81	7,204
<u>Subtotal OPA programs</u>				251,127	2,857	253,983
<u>OTHER PROGRAMS</u>						
	Library Watt- Reader Program Total	3rd Tranche MARR	2006	71	1	72
	Residential Replace Bulk with Individual Meters	3rd Tranche MARR	2006	61	1	62
	Retrofit Non-Profit Housing	3rd Tranche MARR	2006	618	7	625
<u>Residential Total</u>				750	9	758
	Retro Fit Traffic Signal Lights with LED Fixtures	3rd Tranche MARR	2007	17,130	195	17,325
<u>Unmetered Scattered Load Total</u>				17,130	195	17,325
<u>Subtotal other programs</u>				17,879	203	18,083
<u>Grand Total</u>				269,006	3,060	272,066

- (1) Carrying charges are calculated based on the full LRAM amount for programs starting before 2009, and half of the LRAM amount for programs starting in 2009. The interest rate used is the average of the Board's quarterly prescribed rates for 2009.

