



December 29, 2009

Public Interest Advocacy Centre
VECC
ONE Nicholas Street, Suite 204
Ottawa, Ontario K1N 7B7

**Re: Orangeville Hydro Limited
EB-2009-0272**

Dear Mr. Buonaguro and Mr. Harper:

Please find attached a revision to Orangeville Hydro Limited's responses to the Vulnerable Energy Consumers Coalition interrogatories (Second Round). Upon compiling the responses to your interrogatories, it was noted that table 6 and table 16 in the last two pages did not import into the document correctly. Orangeville Hydro will file 2 paper copies of these responses with the Board Secretary at the Ontario Energy Board.

We hope that you find everything in order but if you do require further assistance or have any questions, please contact Jan Howard at jhoward@orangevillehydro.on.ca or by phoning 519-942-8000.

Yours truly,

ORANGEVILLE HYDRO LIMITED

Jan Howard
Manger of Finance & Rates

ORANGEVILLE HYDRO LIMITED 2010 RATE APPLICATION

EB-2009-0272

RESPONSE TO VECC'S INTERROGATORIES (ROUND #2)

(Note: Question numbering follows on from Round #1 and therefore starts at #43)

Question #43

Reference: VECC #2 and OEB Staff #48

- a) In response to OEB Staff #48 part c), Orangeville states that is seeking approval for a deferral account for costs associated with the preparation of its Green Energy Plan. The initial Application did not include a request for such an account. Please confirm whether Orangeville is formally requesting such a deferral account and, if so, address the following:
- Is Orangeville requesting a totally new deferral account or is it requesting authorization to use the deferral accounts created by the Board in its G-2009-0087 Guidelines (pages 5-7).

Response

Orangeville is not requesting a totally new deferral account. We are requesting authorization to use the deferral accounts created by the Board in G-2009-0087.

- If this is totally new deferral account, please explain – i) precisely what types of costs Orangeville is proposing to record in the account; ii) the costs incurred to date; iii) why the accounts created by the Board are not suitable.

See above.

- If Orangeville is requesting approval to use one/more of the accounts authorized by the Board, please explain - i) precisely what types of costs Orangeville is proposing to record in the account; ii) the costs incurred to date; iii) what account(s) Orangeville is proposing to use and iv) how the types of costs Orangeville proposes to record are consistent with the purpose of the accounts as described the OEB.

Orangeville is requesting to use Accounts 1531, 1532, 1534 and 1535. (i) Orangeville is proposing to use this account to record the cost of the preparation of our Green Energy Plan, staff training sessions and conferences and miscellaneous meeting expenses ; (ii) To date Orangeville has incurred costs of consultants for preparation of our Enabling the Green Energy Act Plan”, training session and conferences and some miscellaneous meeting expenses in the amount of \$24,558. These expenses have been recorded in Account 1531(iii) If required, Orangeville is proposing to use 1531 and 1532; 1534 and 1535; and (iv) Orangeville is recording the costs that are consistent with the purpose of the accounts as described in the Board's G-2009-0087 Guidelines. Current expenses of \$24,588 will be recorded in account 1531 per the above guidelines.

b) The response to OEB #48, part a) states that Orangeville is seeking approval of the capital spending in its Green Energy Plan for the period 2010 to 2014 and approval of expenses from 2010 to 2011. What, in Orangeville's view, will the Board's approval of spending for the years after 2010 represent? For example, does it represent: i) authorization by the Board to spend the projected amounts and include them in rate base and to seek recovery of related amounts under Regulation 330/09, or ii) approval of a "plan" where any actual amounts spent will be subject to prudence review prior to inclusion in rate base and consideration for recovery under Regulation 330/09?

Response

Board approval of spending for the years after 2010, represents approval of a "plan" where any actual amounts spent will be subject to prudence review prior to inclusion in rate base and consideration for recovery under Regulation 330/09. Orangeville anticipates that the Board approval of spending for the years after 2010, would eventually be in our rate base, either through the 3rd Generation Incentive Mechanism (if the criteria is met) or our next cost of service rate application.

Question #44

Reference: VECC #4 b)

- a) Please confirm that the programs Green Pathways has been contracted to deliver are OPA programs and that none of the costs are included in the OM&A reported for 2009 or 2010 (per Exhibit 4, Table 1). If this is not the case please indicate the 2009 and 2010 amounts and the USOA account they are recorded in.

Response

OHL confirms that the programs that Green Pathways has been contracted to deliver are OPA programs. None of the costs are included in the OM&A reported for 2009 or 2010 per Exhibit 4, Table 1.

Question #45

Reference: Board Staff #7 and VECC #32 b)

- a) Please provide a revised version of VECC #32 b) with headings at the top of each column indicating what the values represent. Also, for each item please provide a cross-reference to the IR response where the issue is described.

Response

Please find attached a revised table.

Orangeville Hydro Ltd. Summary of Proposed Changes										
	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Amortization	PILs	OM&A	Service Revenue Requirement	Base Revenue Requirement	Gross Revenue Deficiency
Original Submission August 2009	\$1,223,220	6.87%	\$17,799,124	\$22,435,528	\$1,119,762	\$250,237	\$2,769,015	\$5,362,234	\$5,005,962	\$631,388
Weighted Cost of Debt Change	\$1,141,133 -\$82,086	6.41% \$0	\$17,799,123 -\$1	\$22,435,528 \$0	\$1,119,762 \$0	\$250,237 \$0	\$2,769,015 \$0	\$5,280,148 -\$82,086	\$4,923,876 -\$82,086	\$549,302 -\$82,086
PILs Correction - Revise Tax Rates Change	\$1,141,133 \$0	6.41% \$0	\$17,799,123 \$0	\$22,435,528 \$0	\$1,119,762 \$0	\$229,091 -\$21,146	\$2,769,015 \$0	\$5,259,002 -\$21,146	\$4,902,730 -\$21,146	\$528,155 -\$21,146
Cost of Power - LV Correction Change	\$1,141,791 \$658	6.41% \$0	\$17,809,387 \$10,265	\$22,503,958 \$68,430	\$1,119,762 \$0	\$229,266 \$175	\$2,769,015 \$0	\$5,259,835 \$833	\$4,903,563 \$833	\$528,988 \$833
CDM Forecast Reduction for Residential/CDM Inclusion GS < 50 VECC IR#22 (i), (e) Change	\$1,142,259 \$468	6.41% \$0	\$17,816,683 \$7,296	\$22,552,596 \$48,637	\$1,119,762 \$0	\$229,391 \$125	\$2,769,015 \$0	\$5,260,427 \$592	\$4,904,155 \$592	\$522,427 -\$6,562
Proposed at November 6, 2009	\$1,142,259	\$0	\$17,816,683	\$22,552,596	\$1,119,762	\$229,391	\$2,769,015	\$5,260,427	\$4,904,155	\$522,427

- b) In response to Board Staff #7, Orangeville noted a required adjustment to its planned 2009 capital spending which will impact the forecast rate base for 2010. Please confirm that this adjustment should have been listed in response to VECC 32 b) and update the response accordingly.

Response

No this adjustment was not included in the response. Please see updated table to reflect the removal of \$43,969 for the File Nexus Software.

Orangeville Hydro Ltd. Summary of Proposed Changes										
	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Amortization	PIFs	OM&A	Service Revenue Requirement	Base Revenue Requirement	Gross Revenue Deficiency
Original Submission August 2009	\$1,223,220	6.87%	\$17,799,124	\$22,435,528	\$1,119,762	\$250,237	\$2,769,015	\$5,362,234	\$5,005,962	\$631,388
Weighted Cost of Debt - OEB IR#32, VECC IR#31 Change	\$1,141,133 -\$82,086	6.41% \$0	\$17,799,123 -\$1	\$22,435,528 \$0	\$1,119,762 \$0	\$250,237 \$0	\$2,769,015 \$0	\$5,280,148 -\$82,086	\$4,923,876 -\$82,086	\$549,302 -\$82,086
PIFs Correction - Tax Rates - VECC IR#30 Change	\$1,141,133 \$0	6.41% \$0	\$17,799,123 \$0	\$22,435,528 \$0	\$1,119,762 \$0	\$229,091 -\$21,146	\$2,769,015 \$0	\$5,259,002 -\$21,146	\$4,902,730 -\$21,146	\$528,155 -\$21,146
Cost of Power - LV Correction - OEB IR#9 Change	\$1,141,791 \$658	6.41% \$0	\$17,809,387 \$10,265	\$22,503,958 \$68,430	\$1,119,762 \$0	\$229,266 \$175	\$2,769,015 \$0	\$5,259,835 \$833	\$4,903,563 \$833	\$528,988 \$833
CDM Forecast Reduction for Residential/CDM Inclusion GS < 50 VECC IR#22 (i), (e) Change	\$1,142,259 \$468	6.41% \$0	\$17,816,683 \$7,296	\$22,552,596 \$48,637	\$1,119,762 \$0	\$229,391 \$125	\$2,769,015 \$0	\$5,260,427 \$592	\$4,904,155 \$592	\$522,427 -\$6,562
Manual Adjustment VECC IR #51 (a) & (b) - corrected to 1.0343 Change	\$1,142,259 \$0	6.41% \$0	\$17,816,683 \$0	\$22,552,596 \$0	\$1,119,762 \$0	\$229,391 \$0	\$2,769,015 \$0	\$5,260,427 \$0	\$4,904,155 \$0	\$522,366 -\$61
Adjust to Remove File Nexus Software, OEB IR #7, VECC IR 45 (b) Change	\$1,140,286 -\$1,973	6.41% \$0	\$17,785,905 -\$30,778	\$22,552,596 \$0	\$1,110,968 -\$8,794	\$235,585 \$6,194	\$2,769,015 \$0	\$5,255,854 -\$4,573	\$4,899,582 -\$4,573	\$517,793 -\$4,573
Proposed at December 24, 2009	\$1,140,286	6.41%	\$17,785,905	\$22,552,596	\$1,110,968	\$235,585	\$2,769,015	\$5,255,854	\$4,899,582	\$517,793

Question #46

Reference: Board Staff #3 and SEC #4 a) & b)

- a) Please explain why the capital spending (net of capital contributions) included in the Application for 2010 (\$1,934,937 per Board Staff #3) is materially higher than the budget approved by Orangeville's Board of Directors (\$1,371,672 per SEC #4 a)).

Response

Please see response to Supplementary IR from SEC, #13 a).

- b) Please explain why the OM&A spending included in the Application (\$2,769,015 per Exhibit 4/Tab 1/Schedule 1, page 1) is materially higher than the budget approved by Orangeville's Board of Directors (\$2,497,563 per SEC #4 a)).

Response

Please see response to Supplementary IR from SEC, #13 b.

Question #47

Reference: VECC #13 and #22 a)

- a) The responses to parts 13 (a); (g) and (i) do not reconcile. Please provide a revised response to part (i) that indicates the total number of new connections expected in 2009 and 2010 (i.e., the response will respectively include the 2009 and 2010 connections from parts (a) and (g) as well as any other connections for forecast for the year in question). Please ensure the response is consistent with VECC #22 a).

Response

Please see new table below that outlines the total number of new connections expected in 2009 and 2010 that relate to part 13 (a); and (g).

	Total Connections	Expected Connections 2009	Expected Connections 2010
2009 Subdivisions			
Orangeville Highlands	104	54	50
Montgomery Village-Phase H	69		69
Westside Market Commercial	6	6	
Rolling Hills Plaza	14	14	
Lawrence Ave Condo Building	30		30
Lord Dufferin Centre	48		

	Total Connections	Expected Connections 2009	Expected Connections 2010
2010 Subdivisions			
Edgewood Valley 1B	34		10
Broadway Grande	124		41
Mono Development Ph 4	84		42
Riddell Rd Senior's Condos	156		
Westside 1 Store	1		1

The customer connections that reconcile with the above subdivisions/new services are highlighted in pink below. Other connections are from subdivisions/new commercial services that were energized in 2008 or prior. The below chart also indicates how OHL arrived at the number of connections used in our load forecast.

2009 Subdivisions/Retail	Total Connections Residential	Total Connections Commercial	Comments
Orangeville Highlands	54		Reconciles with Subdivision Connections
Credit Springs Subdivision	12		Subdivision energized in 2007 - 12 services left-to be connected in 2009
Wilside Phase 4	9		Subdivision energized in 2007 - 9 services to be connected in 2009
Edgewood Valley Phase 2A	55		Subdivision energized in 2008 - 3 services to be connected in 2008- 10 connected to date-overestimated connections
Church -Blindline&Hansen		1	
C Line Condominiums	64		Energized 2008 -individually metered 64 residential condo units
Westside Market Commercial		6	
Rolling Hills Plaza		14	Developer did not proceed
Total Connections Forecasted	194	21	
2010 Subdivisions/Retail			
Orangeville Highlands	50		Reconciles with Subdivision Connections
Montgomery Village-Phase H	69		Reconciles with Subdivision Connections
Edgewood Valley 1B			10 services not included in estimated # of connections
Broadway Grande	41		Reconciles with Subdivision Connections
Mono Development Ph 4	42		Reconciles with Subdivision Connections
Lawrence Ave Senior Building	30		Reconciles with Subdivision Connections
Lord Dufferin Centre			48 unit Senior Complex-individually metered no connections until 2011
E. Broadway Vacant Site Inquiry		1	Did not include in Connection count
Riddell Rd.- Seniors Condo's			156 units -To be ready end of 2010
Westside Plaza-New Store (1)		1	Did not include in Connection count
Total Connections Forecasted	232	0	

- b) With respect to the response to part 13 (d), what is the impact of this decision on the capital spending as submitted in the current application for 2009 and 2010? Should this change be reflected in Orangeville's response to VECC #32 b)?

Response

OHL started the work in preparation for the commercial development and installed a PME at a cost of \$33,854. A portion of this cost would be recovered through contributed capital and the other portion through distribution rates as we the PME switching units are required to provide a loop feed for system reliability. At the developer's request, OHL sent the estimate of the project in order to receive the contributed capital and this was when we were advised that they have halted their plans for construction. The development stopped construction due to the economic climate.

Question #48

Reference: VECC #14 d) & e) and Staff #3

- a) Please confirm that the \$136,202 associated with Large Renewables is all for system expansion and assumed to be captured by the OEB requirement that distributors (and not generators) pay up to \$90,000/MW for system expansion required to connect renewable generation.

Response

Yes, OHL confirms that the \$136,202 is associated with Large Renewables is for system expansion and assumed to be captured by the OEB requirement that distributors (and not generators) pay up to \$90,000/MW for system expansion required to connect renewable generation.

- b) Is there any direct benefit to Orangeville's rate payers from these new facilities? If so, please describe what it is.

Response

OHL does not anticipate local benefit at this time. If, at some point in the future when the Smart Grid infrastructure is fully in place, and there are a large number of FIT/MicroFIT projects, there may be an opportunity for these customers to supply critical local loads should the transmission system go down.

Question #49

Reference: VECC #13 k) and #14 h)

- a) The response to VECC #14 h) suggests that Orangeville is forecasting contributed capital from the generators to pay for the 2010 capital costs of services and meters - \$52,404. However, the response to VECC #13 k) indicates accounts for all of the \$287,833 of contributed capital for 2010. Please reconcile and explain why, based on the response to VECC #14 h), there is no contributed capital assumed to be received from microFIT generators.

Response

The contributed capital amount of \$287,833 identified in VECC #13 k) is for regular system growth to meet customer demands. The amount \$52,404 in VECC #14 h) relates to Green Energy Act expenditures. OHL did not assume any contributed capital from the generators would be received at the time the rate application was prepared because it was unclear at the time if these costs would be included in the rate base or recovered by another mechanism. OHL anticipates the potential that we may be directed to treat these residential MicroFIT customers similar to current "lies along" load customers. Thereby we did not apply any contributed capital to these installations.

Question #50

Reference: VECC #21

- a) Regarding the response to VECC #21 c) why wasn't the same loss factor applied to these consumption adjustments as was used to convert the predicted purchases to billed energy (per Exhibit 3/Tab 2/Schedule 1, page 12)?

Response

OHL has made the correction and used the loss factor of 1.0343 for 2009 and 2010. Please see the response to Board staff question #65b for the revised load forecast.

- b) Regarding the response to VECC #21 d) and e), please provide a copy of the referenced OPA Report and, if not included in the Report, clarify what is meant by "Gross Savings".

Response

OHL has provided the entire OPA report as Appendix A. The following explanation was provided by the OPA when it was asked for an explanation of Gross Savings:
"Gross Energy Impacts refer to the change in energy consumption and/or demand that results directly from program-related actions taken by energy consumers that are exposed to the program."

- c) Regarding the response to VECC #21 f), the response to OEB Staff #8 suggests that Orangeville's total peak is in the order of 40 MW. As a result, how can the 2009 savings from OPA programs be 331 MW for Residential and 410.56 MW for Commercial? Please update the savings estimate for 2009 and explain fully how it was determined. Please, if possible, also provide the MWh results for 2009.

Response

The headings in the table should have been in MWh not MW. For the residential customers TGGR program, OHL estimated there would be 200 participants times the OPA estimated savings per retrofit. The Cool Savings rebate and the EKC Power Savings Event are based on the OPA information on the savings per program. The commercial savings for the Power Savings Blitz were assessed on the OPA website where we determined the number of installations to date then identified the kWh savings by the type of retrofit and were able to calculate the MWhs for each type of installation. Please see chart below:

Power Savings Blitz 2009			
Retrofit #	# of installations completed	MWh savings per retrofit	Total MWh per type of retrofit
12	402	0.252	101.304
10	137	0.12	16.44
20	29	0.22	6.38
33	2	0.228	0.456
26	3	0.308	0.924
18	3	0.12	0.36
8	1	0.84	0.84
29	7	0.228	1.596
Sub-Total	37 participants	Total MWh for Q1	128.3
	77 target participants for remainder of 2009	Total MWh for remainder of year	282.26
Total forecasted for year			410.56

Question #51

Reference: VECC #22

- a) Regarding the response to VECC #22 e), please explain fully how the CDM estimates for 2009 (783,114 kWh) and 2010 (787,775 kWh) were determined. In doing so, please also reconcile the Residential CDM values shown in here (e.g., 358,003 kWh for 2010 with the 342 kWh figure reported in VECC #21 e).

Response

The residential consumption reduction of 342,000 kWhs was a value used from the data provided by the OPA report. The General Service < 50 consumption reduction was calculated as a total of a sample of the participating customers for 2009, due to the fact that there is no data for this program from the OPA, as OHL did not have any participants in 2008. Please see the table below for a reconciliation of the amounts noting that OHL used the incorrect loss factors for the CDM adjustments and should have used the loss factor of 1.0343 for the billed energy. The load forecast has been corrected in Board Staff Response #64b.

CDM manual adjustments			
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Non Loss adjusted	Residential	GS<50	Total
2009	-342,000	-410,560	-752,560
2010	-342,000	-410,560	-752,560

Loss adjusted	Residential	GS<50	Total
2009	-355,885	-427,229	-783,114
2010	-358,003	-429,771	-787,775

Loss factor used	Residential	GS<50	
2009	1.0406	1.0406	
2010	1.0468	1.0468	

- b) Regarding the response to VECC #22 e), the manual adjustments shown for Table 6 and Table 16 are still both the same. The original question asked why this was the case when Table 6 was based on purchases by Orangeville and Table 16 was based on Orangeville's billed energy. Please reconcile.

Response

Table 6 has been updated in order to demonstrate that the loss factors are excluded from the totals so that the sources of the manual adjustments from the predicted energy purchased are reflected properly. OHL has also included table 16 in order to demonstrate that we have adjusted the billed energy based on the loss factor of 1.0343.

	PolyOne Canada Inc.	Johnson Controls Ltd.	Pfizer Canada	The Data Group of Canada	CDM	Total
2009	(1,300,000)	0	(85,000)	325,000	(752,560)	(1,812,560)
2010	(1,300,000)	(3,000,000)	(420,000)	323,640	(752,560)	(5,148,920)

Table 16

Alignment of Non-Normal to Weather Normal Forecast

Year	Residential	General Service < 50kW	General Service > 50kW	Streetlights	Sentinel Lights	Unmetered Scattered Load	Total
Non-normalized Weather Billed Energy Forecast (kWh)							
2009	85,897,414	38,713,237	126,856,837	1,766,075	129,305	367,676	253,730,544
2010	86,631,984	39,295,151	128,341,517	1,798,732	129,899	376,928	256,574,210
Adjustment for Weather (kWh)							
2009	274,232	122,744	403,157	5,662	415	1,179	807,387
2010	-553,308	-249,279	-793,901	-11,535	-833	-2,417	-1,611,274
Manual Adjustment to Billed Energy Forecast for Loss of Load							
2009	-353,731	-424,642	-1,096,358	0	0	0	-1,874,731
2010	-353,731	-424,642	-4,547,155	0	0	0	-5,325,528
Weather Normalized Billed Energy Forecast (kWh)							
2009	85,817,915	38,411,338	126,163,636	1,771,737	129,720	368,855	252,663,200
2010	85,724,945	38,621,229	123,000,460	1,787,196	129,066	374,511	249,637,408

APPENDIX A – OPA REPORT

OPA Conservation & Demand Management Programs

Annual Results

For: Orangeville Hydro Limited

#	Program Name	Program Year	Results Status
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1	Orangeville Hydro Limited	2006	Final
2	Orangeville Hydro Limited	2007	Final
3	Orangeville Hydro Limited	2008	Preliminary
Total			

4	Province Wide	2006	Final
5	Province Wide	2007	Final
6	Province Wide	2008	Preliminary
Total			

2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
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0.41	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
0.00	0.92	0.87	0.13	0.13	0.13	0.13	0.13	0.13	0.12
0.00	0.00	0.36	0.14	0.14	0.14	0.14	0.14	0.13	0.13
0	1	1	0	0	0	0	0	0	0

198.17	16.17	16.17	16.17	16.17	15.27	14.01	10.67	10.67	10.67
0.00	566.38	539.51	177.11	177.11	176.15	42.13	42.13	42.13	38.33
0.00	0.00	245.18	96.22	96.22	96.22	96.22	96.05	95.09	95.09
198	583	801	289	289	288	152	149	148	144

Net															
Annual Energy Savings (MWh)															
2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
738	738	738	738	469	458	21	21	21	21	21	21	0	0	0	0
574	571	387	387	387	374	374	374	142	100	61	61	61	61	61	8
0	196	195	195	195	195	195	190	190	130	70	69	69	69	69	69
1,312	1,505	1,320	1,320	1,051	1,027	590	585	352	250	151	151	130	130	130	77
374,407	374,407	374,407	374,407	237,735	232,140	10,417	10,417	10,417	10,417	10,417	10,417	0	0	0	0
474,318	472,717	391,717	391,717	371,920	199,587	194,587	194,587	77,277	66,358	46,225	46,225	46,225	46,225	41,971	14,937
0	229,237	228,869	228,869	228,869	228,869	228,705	226,154	226,154	196,889	175,929	175,690	175,690	175,690	175,690	175,690
848,725	1,076,360	994,993	994,993	838,524	660,596	433,709	431,158	313,848	273,664	232,570	232,332	221,915	221,915	217,661	190,627

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
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0	0	0	0	0	0	0	0	0	0
7	7	0	0	0	0	0	0	0	0
33	6	6	0	0	0	0	0	0	0
39	13	6	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
14,313	14,313	10,907	8,607	0	0	0	0	0	0
156,885	140,437	140,437	137,155	137,155	47	47	47	47	47
171,198	154,750	151,344	145,762	137,155	47	47	47	47	47

2006	2007	2008	2009	2010	2011	2012
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0.58	0.04	0.04	0.04	0.04	0.03	0.03
0.00	1.73	1.68	0.19	0.19	0.19	0.17
0.00	0.00	0.40	0.18	0.18	0.18	0.18
1	2	2	0	0	0	0

283.96	17.96	17.96	17.96	17.96	16.97	15.56
0.00	937.04	909.77	217.37	217.37	216.41	61.34
0.00	0.00	283.17	133.78	133.78	133.78	133.78
284	955	1,211	369	369	367	211

Gross																	
Summer Peak Demand Savings (MW)																	
2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.17	0.17	0.16	0.15	0.15	0.15	0.06	0.06	0.06	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
0.18	0.18	0.18	0.18	0.16	0.16	0.16	0.06	0.06	0.06	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.86	11.86	11.86	11.86	11.86	11.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61.34	61.34	56.15	53.51	50.18	50.18	35.37	35.37	35.06	8.04	7.99	7.99	2.46	1.95	0.00	0.00	0.00	0.00
133.40	132.02	132.02	130.45	126.47	126.44	126.44	98.66	98.66	98.66	75.03	73.34	73.34	68.72	68.72	0.01	0.01	0.01
207	205	200	196	189	188	162	134	134	107	83	81	76	71	69	0	0	0

2031	2032
0.00	0.00
0.00	0.00
0.00	0.00
0	0

Gross														
Annual Energy Savings (MWh)														
2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
820	820	820	820	820	521	509	23	23	23	23	23	23	0	0
0	2,163	2,157	620	620	620	571	571	571	264	157	105	105	105	105
0	0	344	342	342	342	342	342	335	335	257	125	124	124	124
820	2,983	3,321	1,783	1,783	1,483	1,422	936	928	622	437	253	252	229	229

0.00	0.00
0.00	0.00
0.01	0.01
0	0

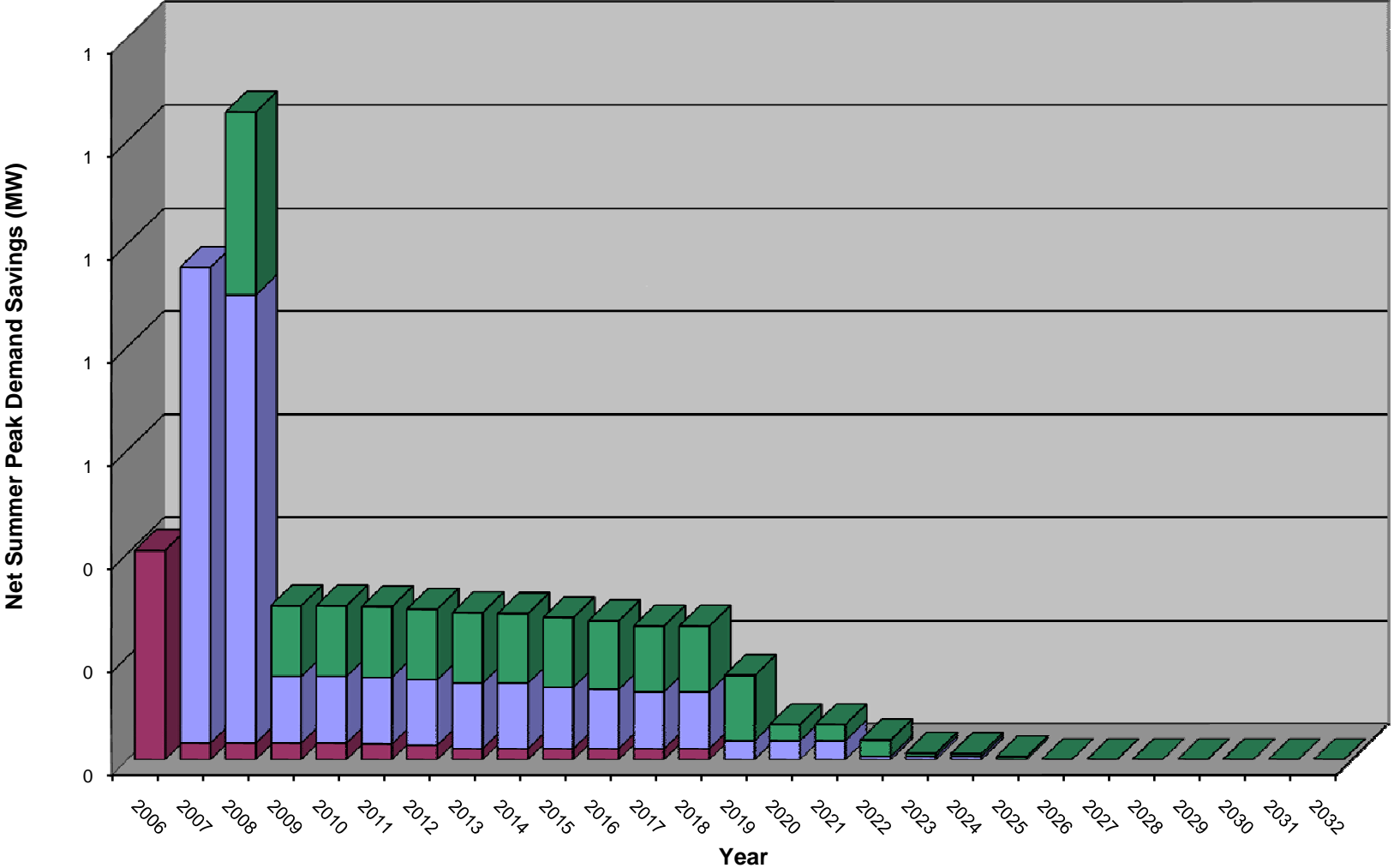
416,007	416,007	416,007	416,007	416,007	264,150	257,933	11,574	11,574	11,574	11,574	11,574	11,574	0	0
0	1,189,858	1,186,946	511,946	511,946	492,149	277,077	277,077	277,077	123,786	95,856	69,231	69,231	69,231	69,231
0	0	337,261	336,593	336,593	336,593	336,593	336,212	332,568	332,568	296,576	250,016	249,675	249,675	249,675
416,007	1,605,865	1,940,215	1,264,547	1,264,547	1,092,892	871,603	624,863	621,219	467,929	404,007	330,822	330,481	318,906	318,906

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032

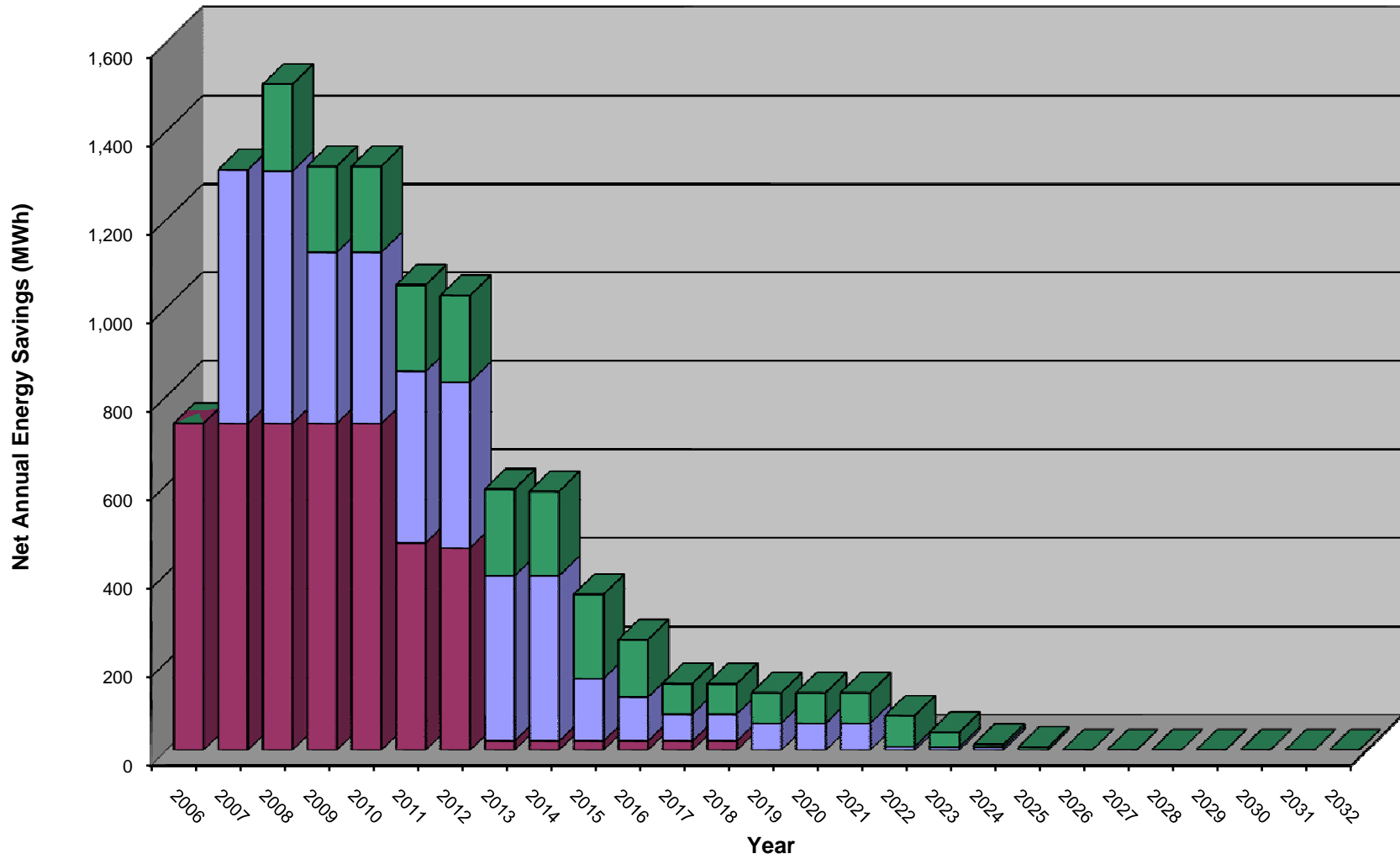
0	0	0	0	0	0	0	0	0	0	0	0
105	13	11	11	0	0	0	0	0	0	0	0
124	124	58	10	10	0	0	0	0	0	0	0
229	137	69	21	10	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0
64,977	17,763	16,629	16,629	10,907	8,607	0	0	0	0	0	0
249,675	249,675	215,863	187,102	187,102	181,979	181,979	68	68	68	68	68
314,653	267,439	232,492	203,731	198,008	190,586	181,979	68	68	68	68	68

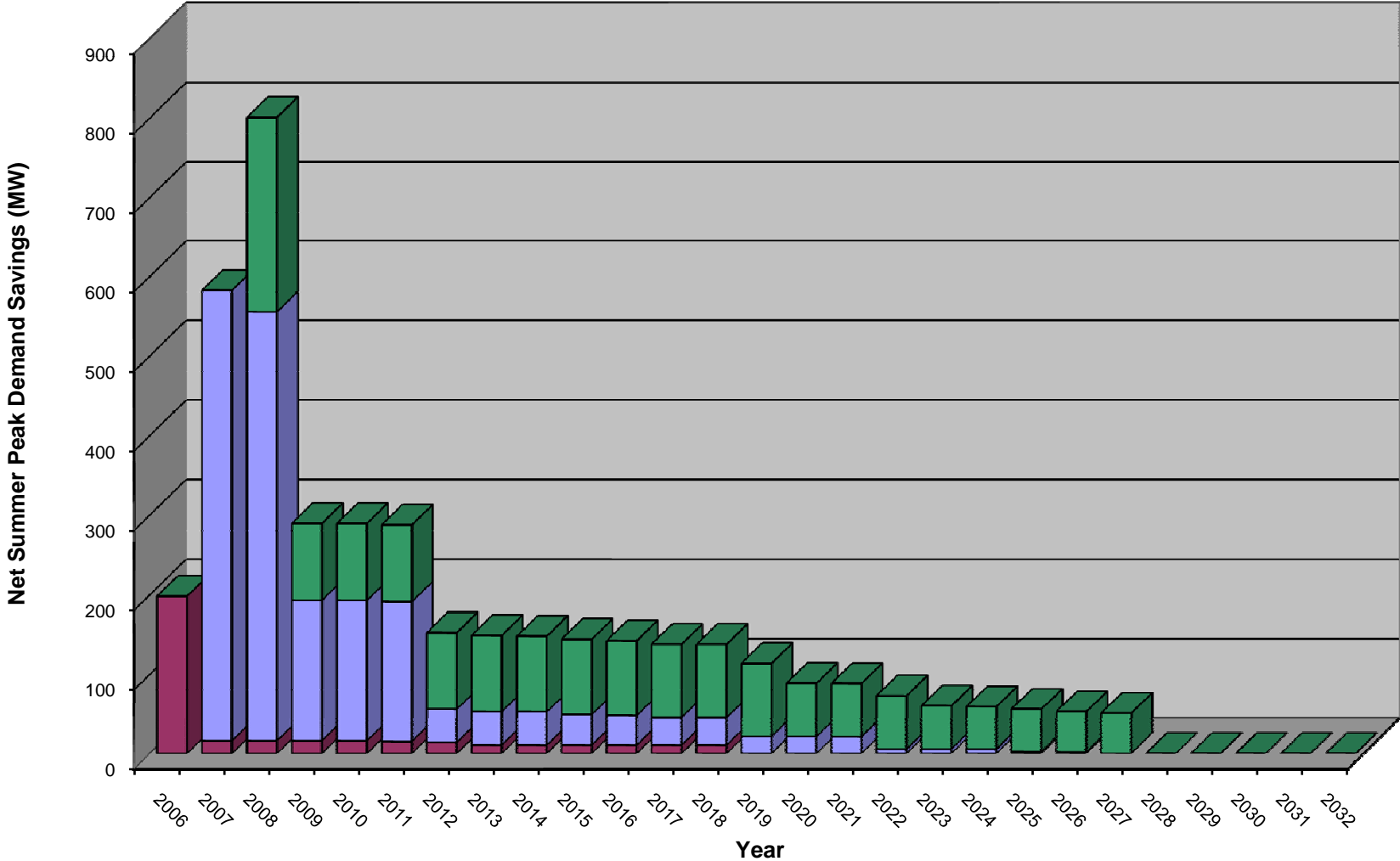
Net Summer Peak Demand Savings By Year (LDC Specific)



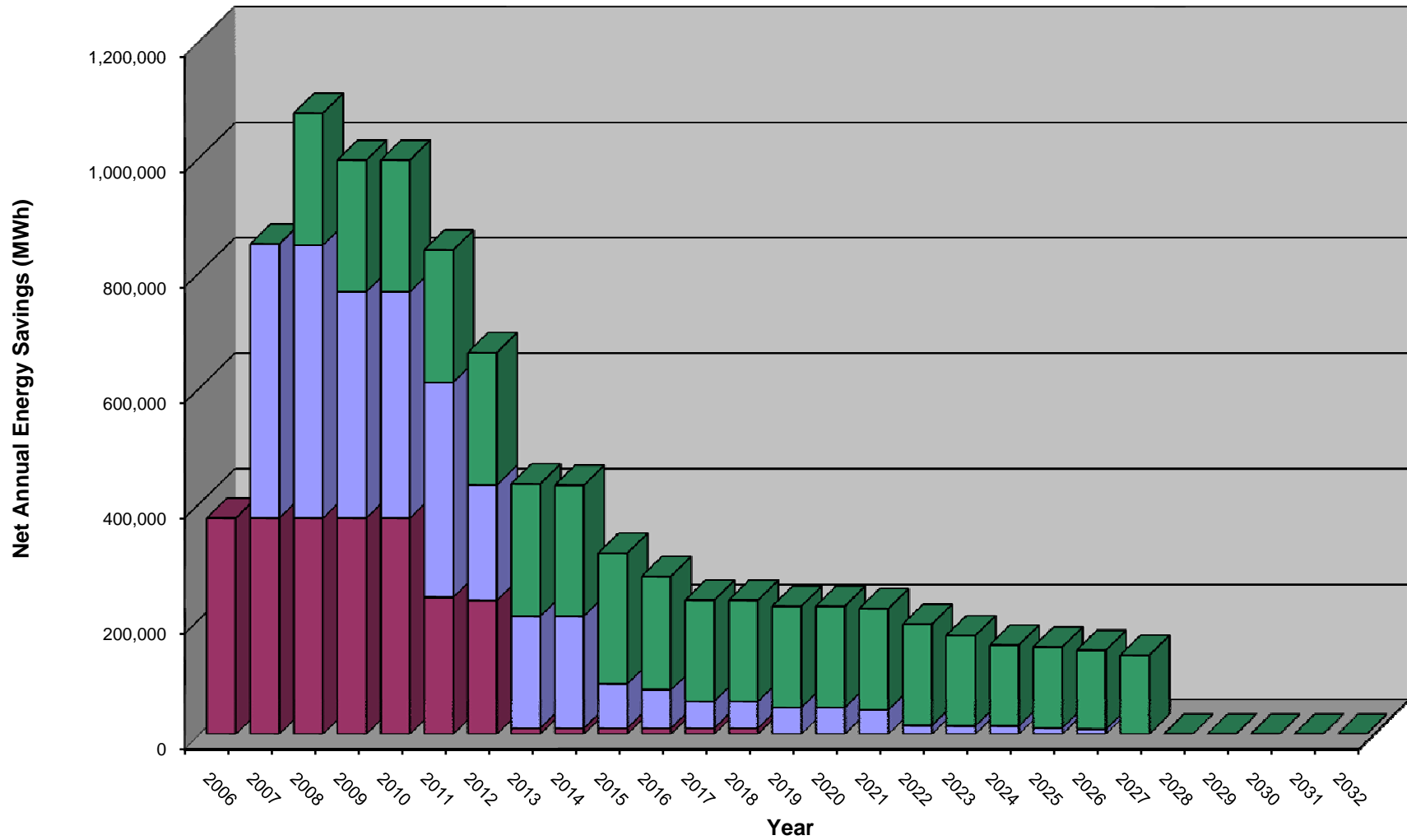
**Net Annual Energy Savings
By Year (LDC Specific)**



Net Summer Peak Demand Savings By Year (Province Wide)



Net Annual Energy Savings By Year (Province Wide)



12	2007 Summer Savings	675,000	0	0	0	0	0	0	0	0	0	0	0
13	2007 Affordable Housing – Pilot	4,254	4,254	4,254	4,254	4,254	4,254	4,254	4,254	4,254	4,254	4,254	4,254
14	2007 Social Housing – Pilot	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900	11,900	0	0	0
15	2007 Energy Efficiency Assistance for Houses – Pilot	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
16	2007 Toronto Comprehensive	184,100	184,100	184,100	184,100	0	0	0	0	0	0	0	0
17	2007 Electricity Retrofit Incentive Program	5,556	5,556	5,556	5,556	0	0	0	0	0	0	0	0
18	2007 Demand Response 1	0	0	0	0	0	0	0	0	0	0	0	0
19	2007 Other Demand Response	0	0	0	0	0	0	0	0	0	0	0	0
20	2007 Renewable Energy Standard Offer	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607	8,607
2007 Subtotal		1,186,946	511,946	511,946	492,149	277,077	277,077	277,077	123,786	95,856	69,231	69,231	69,231

21	2008 Great Refrigerator Roundup	56,369	56,369	56,369	56,369	56,369	55,988	55,988	55,988	46,560	0	0	0
22	2008 Cool Savings Rebate	31,127	31,127	31,127	31,127	31,127	31,127	31,127	31,127	31,127	31,127	31,127	31,127
23	2008 Aboriginal	0	0	0	0	0	0	0	0	0	0	0	0
24	2008 Summer Sweepstakes	0	0	0	0	0	0	0	0	0	0	0	0
25	2008 Every Kilowatt Counts Power Savings Event	62,502	61,834	61,834	61,834	61,834	61,834	58,190	58,190	32,307	32,307	31,966	31,966
26	2008 peaksaver®	0	0	0	0	0	0	0	0	0	0	0	0
27	2008 Electricity Retrofit Incentive	77,552	77,552	77,552	77,552	77,552	77,552	77,552	77,552	77,552	77,552	77,552	77,552
28	2008 Toronto Comprehensive	71,794	71,794	71,794	71,794	71,794	71,794	71,794	71,794	71,794	71,794	71,794	71,794
29	2008 High Performance New Construction	410	410	410	410	410	410	410	410	410	410	410	410
30	2008 Power Savings Blitz	4,942	4,942	4,942	4,942	4,942	4,942	4,942	4,942	4,261	4,261	4,261	4,261
31	2008 Chiller Plant Re-Commissioning	0	0	0	0	0	0	0	0	0	0	0	0
32	2008 Demand Response 1	0	0	0	0	0	0	0	0	0	0	0	0
33	2008 Demand Response 3	0	0	0	0	0	0	0	0	0	0	0	0
34	2008 Other Demand Response	0	0	0	0	0	0	0	0	0	0	0	0
35	2008 LDC Custom	0	0	0	0	0	0	0	0	0	0	0	0
36	2008 Renewable Energy Standard Offer	5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068
37	2008 Other Customer Based Generation	27,498	27,498	27,498	27,498	27,498	27,498	27,498	27,498	27,498	27,498	27,498	27,498
2008 Subtotal		337,261	336,593	336,593	336,593	336,593	336,212	332,568	332,568	296,576	250,016	249,675	249,675

Overall Total		1,940,215	1,264,547	1,264,547	1,092,892	871,603	624,863	621,219	467,929	404,007	330,822	330,481	318,906
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0	0	0	0	0	0	0	0	0	0	0	0	0
4,254	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
2,300	2,300	2,300	2,300	2,300	2,300	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
8,607	8,607	8,607	8,607	8,607	8,607	8,607	0	0	0	0	0	0
69,231	64,977	17,763	16,629	16,629	10,907	8,607	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0	0	0	0
31,127	31,127	31,127	3,343	3,343	3,343	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
31,966	31,966	31,966	26,348	1,780	1,780	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
77,552	77,552	77,552	77,552	77,552	77,552	77,552	77,552	0	0	0	0	0
71,794	71,794	71,794	71,794	71,794	71,794	71,794	71,794	0	0	0	0	0
410	410	410	0	0	0	0	0	0	0	0	0	0
4,261	4,261	4,261	4,261	68	68	68	68	68	68	68	68	68
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068	0	0	0	0	0
27,498	27,498	27,498	27,498	27,498	27,498	27,498	27,498	0	0	0	0	0
249,675	249,675	249,675	215,863	187,102	187,102	181,979	181,979	68	68	68	68	68

318,906	314,653	267,439	232,492	203,731	198,008	190,586	181,979	68	68	68	68	68
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OPA Conservation & Demand Management Programs

Measure Results

For: **Orangeville Hydro Limited**

#	Initiative Name	Program Name	Program Year	Results Status
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2006				
1	2006 Every Kilowatt Counts (spring)	Consumer	2006	Final
1	2006 Every Kilowatt Counts (spring)	Consumer	2006	Final
1	2006 Every Kilowatt Counts (spring)	Consumer	2006	Final
1	2006 Every Kilowatt Counts (spring)	Consumer	2006	Final
2	2006 Cool Savings Rebate Program	Consumer	2006	Final
2	2006 Cool Savings Rebate Program	Consumer	2006	Final
2	2006 Cool Savings Rebate Program	Consumer	2006	Final
3	2006 Secondary Fridge Retirement Pilot	Consumer	2006	Final
3	2006 Secondary Fridge Retirement Pilot	Consumer	2006	Final
4	2006 Every Kilowatt Counts (fall)	Consumer	2006	Final
4	2006 Every Kilowatt Counts (fall)	Consumer	2006	Final
4	2006 Every Kilowatt Counts (fall)	Consumer	2006	Final
4	2006 Every Kilowatt Counts (fall)	Consumer	2006	Final
4	2006 Every Kilowatt Counts (fall)	Consumer	2006	Final
4	2006 Every Kilowatt Counts (fall)	Consumer	2006	Final
6	2006 Demand Response 1	Industrial, Business	2006	Final

2007				
7	2007 Great Refrigerator Roundup	Consumer	2007	Final
7	2007 Great Refrigerator Roundup	Consumer	2007	Final
7	2007 Great Refrigerator Roundup	Consumer	2007	Final
7	2007 Great Refrigerator Roundup	Consumer	2007	Final
7	2007 Great Refrigerator Roundup	Consumer	2007	Final
8	2007 Cool Savings Rebate	Consumer	2007	Final
8	2007 Cool Savings Rebate	Consumer	2007	Final
8	2007 Cool Savings Rebate	Consumer	2007	Final
8	2007 Cool Savings Rebate	Consumer	2007	Final
9	2007 Aboriginal – Pilot	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
10	2007 Every Kilowatt Counts	Consumer	2007	Final
11	2007 peaksaver®	Consumer, Business	2007	Final
11	2007 peaksaver®	Consumer, Business	2007	Final
11	2007 peaksaver®	Consumer, Business	2007	Final

#	Measure Name
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1	Energy Star® Compact Fluorescent Light Bulb
2	Electric Timers
3	Programmable Thermostats
4	Energy Star® Ceiling Fans
1	Energy Star® Air Conditioner
2	Programmable Thermostats
3	Air Conditioner Tune-Up
1	Refrigerator Retirement
2	Freezer Retirement
1	Energy Star® Compact Fluorescent Light Bulb
2	Seasonal Light Emitting Diode Light String
3	Programmable Thermostats
4	Dimmers
5	Indoor Motion Sensors
6	Programmable Baseboard Thermostats
1	Voluntary Load Shedding Project

1	Refrigerator
2	Freezer
3	Small Refrigerator
4	Small Freezer
5	Window Air Conditioner
1	ENERGY STAR® Central Air Conditioner
2	Programmable Thermostat
3	Furnace with Electronically Commutated Motor
4	Central Air Conditioning Tune Up
1	Consumer Retrofit Kit
1	15 W CFL
2	20 W+ CFLs
3	Project Porchlight CFLs
4	Energy Star Ceiling Fan
5	Furnace Filter
6	Solar Lights
7	Outdoor Motion Sensor
8	Dimmer Switch
9	Energy Star Light Fixtures
10	SLEDs
11	T8
12	Programmable Thermostat
13	Power Bar with Timer
14	Lighting Control Devices
1	Residential Programmable Thermostat
2	Residential Air Conditioner Switch
3	Residential Water Heater Switch

Unit Savings Assumptions		
Summer Peak Demand Savings per Unit (kW)	Annual Energy Savings per Unit (kWh)	Effective Useful Life (EUL)

0.00	104	4
0.00	183	20
0.05	216	15
0.01	141	20
0.36	351	14
0.16	159	18
0.04	369	8
0.27	1,200	6
0.20	900	6
0.00	104	4
0.00	31	30
0.12	522	18
0.00	139	10
0.00	209	20
0.00	1,466	18
Custom	Custom	1

0.07	745	9
0.07	515	8
0.05	490	9
0.04	339	8
0.56	240	5
0.17	152	18
0.03	55	15
0.49	832	15
0.26	235	5
0.04	900	4
0.00	43	8
0.00	62	8
0.00	43	8
0.00	90	10
0.01	38	1
0.00	33	5
0.00	160	10
0.00	24	10
0.01	123	16
0.00	14	5
0.00	37	18
0.00	75	15
0.01	72	10
0.02	72	10
0.63	0	12
0.63	0	12
0.30	0	12

11	2007 peaksaver®	Consumer, Business	2007	Final
11	2007 peaksaver®	Consumer, Business	2007	Final
11	2007 peaksaver®	Consumer, Business	2007	Final
12	2007 Summer Savings	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
13	2007 Affordable Housing – Pilot	Consumer	2007	Final
14	2007 Social Housing – Pilot	Consumer	2007	Final
15	2007 Energy Efficiency Assistance for Hous	Consumer	2007	Final
16	2007 Toronto Comprehensive	Business	2007	Final
16	2007 Toronto Comprehensive	Business	2007	Final
16	2007 Toronto Comprehensive	Business	2007	Final
17	2007 Electricity Retrofit Incentive Program	Business	2007	Final
18	2007 Demand Response 1	Industrial, Business	2007	Final
19	2007 Other Demand Response	Industrial, Business	2007	Final
19	2007 Other Demand Response	Industrial, Business	2007	Final
20	2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007	Final
20	2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007	Final
20	2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007	Final
20	2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007	Final

2008				
21	2008 Great Refrigerator Roundup	Consumer	2008	Preliminary
21	2008 Great Refrigerator Roundup	Consumer	2008	Preliminary
21	2008 Great Refrigerator Roundup	Consumer	2008	Preliminary
21	2008 Great Refrigerator Roundup	Consumer	2008	Preliminary
21	2008 Great Refrigerator Roundup	Consumer	2008	Preliminary
22	2008 Cool Savings Rebate	Consumer	2008	Preliminary
22	2008 Cool Savings Rebate	Consumer	2008	Preliminary
22	2008 Cool Savings Rebate	Consumer	2008	Preliminary

4	Commercial Programmable Thermostat
5	Commercial Air Conditioner Switch
6	Commercial Water Heater Switch
1	Household
1	1 - T8 32W w/EL ballast
2	2 - T8 32W w/EL ballast
3	Air-source Heat Pump - Split
4	Automated Controls for HVAC
5	Boiler
6	Ceiling Fan (common area)
7	Ceiling Fan (in-suite)
8	Central Air Conditioning System - Single
9	Central Air Conditioning System - Split
10	CFL Screw-In 15W - in suite
11	CFL Screw-In 25W - in suite
12	Dimmer Switch
13	Energy Star Clotheswasher
14	Energy Star Dishwasher
15	Energy Star Refrigerator
16	Flood Light, 26W Fluorescent Fixture
17	Front Loading Washing Machine
18	Furnace
19	Furnace with DC Motor
20	Ground-source Heat Pump
21	High Pressure Sodium
22	Motion Detector
23	Occupancy Sensors
24	Other CFL Screw-in Light (please specify)
25	Other Exterior Lighting (please specify)
26	Other Parking Garage Lighting (please specify)
27	Photo Sensors
28	Programmable Thermostat
29	Timer - Outdoor Light
30	Ventilating Fan (in-suite)
1	Custom Retrofit Projects
1	Custom Retrofit Projects
1	City of Toronto - Better Building Partnership Pro
2	Toronto Hydro - Business Incentive Program Pr
3	Building Owners & Managers Association - Tor
1	Custom Retrofit Projects
1	Voluntary Load Shedding Project
1	Loblaw Contract
2	Rodan Contract
1	Hydro
2	Wind
3	Solar Photo-Voltaic
4	Bio-Energy

1	Refrigerator
2	Freezer
3	Small Refrigerator
4	Small Freezer
5	Window Air Conditioner
1	ENERGY STAR® Central Air Conditioner
2	Programmable Thermostat
3	Furnace with Electronically Commutated Motor

	4.00	0	12
	4.00	0	12
	0.30	0	12
	0.44	787	2
	0.01	30	14
	0.02	46	14
	6.08	4,437	14
	0.00	18,565	14
	0.01	17	14
	0.00	7	14
	0.00	7	14
	1.07	807	14
	1.94	1,456	14
	0.01	180	14
	0.01	300	14
	0.00	139	14
	0.03	287	14
	0.01	136	14
	0.01	69	14
	0.01	128	14
	0.11	1,108	14
	0.02	25	14
	0.03	45	14
	4.71	3,545	14
	0.09	749	14
	0.00	209	14
	0.00	209	14
	0.01	383	14
	0.01	160	14
	0.05	442	14
	0.00	292	14
	0.01	631	14
	0.00	292	14
	0.00	12	14
	Custom	Custom	10
	Custom	Custom	19
	Custom	Custom	5
	Custom	Custom	5
	Custom	Custom	5
	Custom	Custom	5
	Custom	Custom	2
	Custom	Custom	1
	Custom	Custom	1
	Custom	Custom	20
	Custom	Custom	20
	Custom	Custom	20
	Custom	Custom	20

	0.06	745	9
	0.06	515	8
	0.04	490	9
	0.04	339	8
	0.24	240	5
	0.21	155	18
	0.04	54	15
	0.61	819	15

23	2008 Aboriginal	Consumer	2008	Preliminary	1	Building Retrofits	1.60	2,820	10
24	2008 Summer Sweepstakes	Consumer	2008	Preliminary	1	Households	0.01	0	1
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	1	Energystar dehumidifiers - product amnesty & r	0.04	141	6
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	2	Energystar room air conditioners - product amn	0.08	192	6
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	3	T-8 Lighting	0.00	37	18
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	4	Energystar Lighting Fixtures	0.01	123	16
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	5	CFL Flood Lights (Outdoor)	0.00	77	8
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	6	CFL Flood Lights (Indoor)	0.00	44	8
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	7	Plugin pool/spa timer	0.97	1,158	15
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	8	Furance Filters - purchase of 2	0.01	38	1
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	9	Programmable Thermostats - Baseboard	0.00	30	15
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	10	Power Bar with Timer	0.01	72	10
25	2008 Every Kilowatt Counts Power Savings	Consumer	2008	Preliminary	11	Block Heater Timer	0.00	180	15
26	2008 peaksaver®	Consumer, Business	2008	Preliminary	1	Residential Programmable Thermostat	0.63	0	12
26	2008 peaksaver®	Consumer, Business	2008	Preliminary	2	Residential Air Conditioner Switch	0.63	0	12
26	2008 peaksaver®	Consumer, Business	2008	Preliminary	3	Residential Water Heater Switch	0.30	0	12
26	2008 peaksaver®	Consumer, Business	2008	Preliminary	4	Commercial Programmable Thermostat	4.00	0	12
26	2008 peaksaver®	Consumer, Business	2008	Preliminary	5	Commercial Air Conditioner Switch	4.00	0	12
26	2008 peaksaver®	Consumer, Business	2008	Preliminary	6	Commercial Water Heater Switch	0.30	0	12
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	1	Agribusiness ENERGY STAR® Rated Exit Sign	0.03	59	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	2	Agribusiness ENERGY STAR® Rated CFLs, Sc	0.04	101	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	3	Agribusiness ENERGY STAR® Rated CFLs, Ha	0.04	101	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	4	Agribusiness Standard Performance T8, Single	0.02	43	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	5	Agribusiness Standard Performance T8, Double	0.03	60	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	6	Agribusiness Standard Performance T8, Triple	0.05	103	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	7	Agribusiness Standard Performance T8, Quadr	0.05	114	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	8	Agribusiness High Performance T8 (Consortium	0.02	48	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	9	Agribusiness High Performance T8 (Consortium	0.03	67	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	10	Agribusiness High Performance T8 (Consortium	0.05	103	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	11	Agribusiness High Performance T8 (Consortium	0.05	121	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	12	Agribusiness T5 Fixtures, T5 fixture with 1, 2, o	0.03	59	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	13	Agribusiness T5 Fixtures, High Bay T5. Maxim	0.03	75	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	14	Agribusiness Metal Halide, 320 W Ceramic puls	0.18	410	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	15	Agribusiness Occupancy Sensors, Switch plate	0.04	91	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	16	Agribusiness Occupancy Sensors, Ceiling mou	0.04	91	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	17	Agribusiness Creep Heat Pads, up to 100W ma	0.08	171	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	18	Agribusiness Creep Heat Pads, up to 200W ma	0.15	342	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	19	Agribusiness High Temperature Cutout Thermo	0.13	299	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	20	Agribusiness Creep Heat Controller	0.13	299	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	21	Agribusiness Energy Efficient Ventilation Exhau	0.05	119	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	22	Agribusiness Low Energy Livestock Waterers	0.70	1,596	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	23	Agribusiness Photocell and Timer for Lighting C	0.11	251	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	24	Lighting System Exit Signs, 5 W or less	0.03	59	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	25	Lighting System ENERGY STAR® Rated CFLs	0.04	101	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	26	Lighting System ENERGY STAR® Rated CFLs	0.04	101	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	27	Lighting System Standard Performance T8, Sin	0.02	43	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	28	Lighting System Standard Performance T8, Dou	0.03	60	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	29	Lighting System Standard Performance T8, Trip	0.05	103	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	30	Lighting System Standard Performance T8, Qua	0.05	114	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	31	Lighting System High Performance T8 (Consort	0.02	48	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	32	Lighting System High Performance T8 (Consort	0.03	67	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	33	Lighting System High Performance T8 (Consort	0.05	103	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	34	Lighting System High Performance T8 (Consort	0.05	121	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	35	Lighting System T5 Fixtures, T5 fixture with 1, 2	0.03	59	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	36	Lighting System T5 Fixtures, High Bay T5. Max	0.03	75	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	37	Lighting System Metal Halide, 320 W Ceramic p	0.18	410	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	38	Lighting System Occupancy Sensors, Switch pl	0.04	91	20

27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	39	Lighting System Occupancy Sensors, Ceiling m	0.04	91	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	40	Motor Open Drip-Proof (ODP), 1 HP	0.02	46	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	41	Motor Open Drip-Proof (ODP), 1.5 HP	0.03	68	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	42	Motor Open Drip-Proof (ODP), 2 HP	0.04	91	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	43	Motor Open Drip-Proof (ODP), 3 HP	0.07	160	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	44	Motor Open Drip-Proof (ODP), 5 HP	0.07	160	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	45	Motor Open Drip-Proof (ODP), 7.5 HP	0.13	296	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	46	Motor Open Drip-Proof (ODP), 10 HP	0.15	342	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	47	Motor Open Drip-Proof (ODP), 15 HP	0.20	456	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	48	Motor Open Drip-Proof (ODP), 20 HP	0.26	593	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	49	Motor Open Drip-Proof (ODP), 25 HP	0.31	707	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	50	Motor Open Drip-Proof (ODP), 30 HP	0.33	752	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	51	Motor Open Drip-Proof (ODP), 40 HP	0.28	638	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	52	Motor Open Drip-Proof (ODP), 50 HP	0.48	1,094	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	53	Motor Open Drip-Proof (ODP), 60 HP	0.53	1,208	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	54	Motor Open Drip-Proof (ODP), 75 HP	0.42	958	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	55	Motor Open Drip-Proof (ODP), 100 HP	0.81	1,847	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	56	Motor Open Drip-Proof (ODP), 125 HP	0.70	1,596	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	57	Motor Open Drip-Proof (ODP), 150 HP	0.74	1,687	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	58	Motor Open Drip-Proof (ODP), 200 HP	0.98	2,234	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	59	Motor Totally Enclosed Fan-Cooled (TEFC), 1 H	0.02	46	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	60	Motor Totally Enclosed Fan-Cooled (TEFC), 1.5	0.03	68	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	61	Motor Totally Enclosed Fan-Cooled (TEFC), 2 H	0.04	91	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	62	Motor Totally Enclosed Fan-Cooled (TEFC), 3 H	0.04	91	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	63	Motor Totally Enclosed Fan-Cooled (TEFC), 5 H	0.07	160	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	64	Motor Totally Enclosed Fan-Cooled (TEFC), 7.5	0.11	251	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	65	Motor Totally Enclosed Fan-Cooled (TEFC), 10	0.15	342	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	66	Motor Totally Enclosed Fan-Cooled (TEFC), 15	0.14	319	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	67	Motor Totally Enclosed Fan-Cooled (TEFC), 20	0.26	593	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	68	Motor Totally Enclosed Fan-Cooled (TEFC), 25	0.19	433	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	69	Motor Totally Enclosed Fan-Cooled (TEFC), 30	0.23	524	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	70	Motor Totally Enclosed Fan-Cooled (TEFC), 40	0.28	638	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	71	Motor Totally Enclosed Fan-Cooled (TEFC), 50	0.48	1,094	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	72	Motor Totally Enclosed Fan-Cooled (TEFC), 60	0.53	1,208	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	73	Motor Totally Enclosed Fan-Cooled (TEFC), 75	0.61	1,391	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	74	Motor Totally Enclosed Fan-Cooled (TEFC), 10	0.56	1,277	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	75	Motor Totally Enclosed Fan-Cooled (TEFC), 12	0.70	1,596	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	76	Motor Totally Enclosed Fan-Cooled (TEFC), 15	0.74	1,687	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	77	Motor Totally Enclosed Fan-Cooled (TEFC), 20	1.47	3,352	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	78	Transformer Size 15	0.15	345	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	79	Transformer Size 30	0.23	523	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	80	Transformer Size 45	0.24	546	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	81	Transformer Size 75	0.35	791	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	82	Transformer Size 112.5	0.44	1,012	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	83	Transformer Size 150	0.39	896	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	84	Transformer Size 225	0.50	1,147	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	85	Transformer Size 300	0.50	1,143	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	86	Transformer Size 500	0.83	1,902	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	87	Transformer Size 750	0.83	1,896	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	88	Transformer Size 1000	1.11	2,523	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	89	Unitary AC Single Phase <= 5.4 Tons	0.05	119	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	90	Unitary AC 3 Phase <= 5.4 Tons	0.05	119	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	91	Unitary AC >5.4 & <= 11.25 tons	0.13	287	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	92	Unitary AC >11.25 & <= 20 tons	0.18	408	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	93	Unitary AC 25 tons	1.00	2,280	20
27	2008 Electricity Retrofit Incentive	Business	2008	Preliminary	94	Custom	Custom	Custom	20
28	2008 Toronto Comprehensive	Business	2008	Preliminary	1	City of Toronto - Better Building Partnership Pro	Custom	Custom	20

28	2008 Toronto Comprehensive	Business	2008	Preliminary	2	Toronto Hydro - Business Incentive Program Pr	Custom	Custom	20
28	2008 Toronto Comprehensive	Business	2008	Preliminary	3	Building Owners & Managers Association - Tor	Custom	Custom	20
29	2008 High Performance New Construction	Business	2008	Preliminary	1	Custom New Construction Project	Custom	Custom	15
30	2008 Power Savings Blitz	Business	2008	Preliminary	1	1 Lamp - 8' T12 w/ 75W Magnetic Ballasts to 2	0.02	146	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	2	1 Lamp - 8' T12 w/ 75W Magnetic Ballasts to 1	0.02	146	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	3	1 Lamp - 8' T12 w/ 75W Magnetic Ballasts to 2	0.02	146	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	4	2 Lamps - 8' T12 w/ 75W Magnetic Ballasts to 4	0.04	284	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	5	2 Lamps - 8' T12 w/ 75W Magnetic Ballasts to 2	0.07	497	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	6	2 Lamps - 8' T12 w/ 60W Magnetic Ballasts to 4	0.04	288	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	7	2 Lamps - 8' T12 w/ 60W Magnetic Ballasts to 2	0.07	504	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	8	1 Lamp - 4' T12 w/ 40W Magnetic Ballasts to 1	0.01	84	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	9	2 Lamps - 4' T12 w/ 40W Magnetic Ballasts to 1	0.03	232	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	10	2 Lamps - 4' T12 w/ 40W Magnetic Ballasts to 2	0.02	120	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	11	4 Lamps - 4' T12 w/ 40W Magnetic Ballasts to 2	0.06	468	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	12	4 Lamps - 4' T12 w/ 40W Magnetic Ballasts to 4	0.03	252	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	13	1 Lamp - 4' T12 w/ 34W Magnetic Ballasts to 1	0.01	72	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	14	2 Lamps - 4' T12 w/ 34W Magnetic Ballasts to 1	0.03	192	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	15	2 Lamps - 4' T12 w/ 34W Magnetic Ballasts to 2	0.01	80	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	16	4 Lamps - 4' T12 w/ 34W Magnetic Ballasts to 2	0.05	392	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	17	4 Lamps - 4' T12 w/ 34W Magnetic Ballasts to 4	0.02	176	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	18	2 Lamps - U-Shaped w/ 40W Magnetic Ballasts	0.02	120	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	19	2 Lamps - U-Shaped w/ 40W Magnetic Ballasts	0.01	72	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	20	2 Lamps - U-Shaped w/ 34W Magnetic Ballasts	0.03	220	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	21	2 Lamps - U-Shaped w/ 34W Magnetic Ballasts	0.02	172	16
30	2008 Power Savings Blitz	Business	2008	Preliminary	22	2 Lamps - 15W Incandescent Exit Sign to ENER	0.03	236	25
30	2008 Power Savings Blitz	Business	2008	Preliminary	23	2 Lamps - 15W Incandescent Exit Sign to Entire	0.03	236	25
30	2008 Power Savings Blitz	Business	2008	Preliminary	24	40W Standard Incandescent (A Lamp) to 11W E	0.02	116	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	25	60W Standard Incandescent (A Lamp) to 13W E	0.03	188	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	26	100W Standard Incandescent (A Lamp) to 23W E	0.04	308	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	27	150W Standard Incandescent (A Lamp) to 28W E	0.07	488	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	28	60W PAR38/30 Flood or Spot Recessed Lights	0.02	180	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	29	75W PAR38/30 Flood or Spot Recessed Lights	0.03	228	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	30	100W PAR38/30 Flood or Spot Recessed Light	0.04	296	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	31	40 - 60W Standard Incandescent PAR Lights -	0.02	180	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	32	40 - 60W Standard Halogen PAR Lights - Trac	0.02	112	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	33	75W Standard Incandescent PAR Lights - Trac	0.03	228	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	34	75W Standard Incandescent PAR Lights - Trac	0.01	100	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	35	90 Watt Halogen PAR Lights - Track Lighting or	0.03	248	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	36	90 Watt Halogen PAR Lights - Track Lighting or	0.02	120	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	37	100W Standard Incandescent or Greater PAR L	0.04	296	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	38	100W Standard Incandescent or Greater PAR L	0.01	100	8
30	2008 Power Savings Blitz	Business	2008	Preliminary	39	No Insulation Jacket (119 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	40	No Insulation Jacket (80 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	41	No Insulation Jacket (65 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	42	No Insulation Jacket (50 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	43	No Insulation Jacket (40 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	44	No Insulation Jacket (30 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	45	No Insulation Jacket (20 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	46	No Insulation Jacket (12 Gal) to Insulation Jac	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	47	No Pipe insulation to Pipe insulation (10 ft flexib	0.00	0	6
30	2008 Power Savings Blitz	Business	2008	Preliminary	48	Aerator (Average 2.75gpm) to Aerator (Average	0.00	0	10
30	2008 Power Savings Blitz	Business	2008	Preliminary	49	Authorized Contractor Program (ACP) - Work C	0.00	0	0
30	2008 Power Savings Blitz	Business	2008	Preliminary	50	Authorized Contractor Program (ACP) - Work C	0.00	0	0
30	2008 Power Savings Blitz	Business	2008	Preliminary	51	Authorized Contractor Program (ACP) - Work C	0.00	0	0
30	2008 Power Savings Blitz	Business	2008	Preliminary	52	Contractor (Non-Classified Locations) - First 10	0.00	0	0
30	2008 Power Savings Blitz	Business	2008	Preliminary	53	Contractor (Non-Classified Locations) - Each ac	0.00	0	0
30	2008 Power Savings Blitz	Business	2008	Preliminary	54	4 Lamps - 8' T12 w/ 75W Magnetic Ballasts to 4	0.08	553	16

30	2008 Power Savings Blitz	Business	2008	Preliminary
31	2008 Chiller Plant Re-Commissioning	Business	2008	Preliminary
31	2008 Chiller Plant Re-Commissioning	Business	2008	Preliminary
31	2008 Chiller Plant Re-Commissioning	Business	2008	Preliminary
31	2008 Chiller Plant Re-Commissioning	Business	2008	Preliminary
31	2008 Chiller Plant Re-Commissioning	Business	2008	Preliminary
31	2008 Chiller Plant Re-Commissioning	Business	2008	Preliminary
32	2008 Demand Response 1	Industrial, Business	2008	Preliminary
33	2008 Demand Response 3	Industrial, Business	2008	Preliminary
34	2008 Other Demand Response	Industrial, Business	2008	Preliminary
34	2008 Other Demand Response	Industrial, Business	2008	Preliminary
35	2008 LDC Custom	Consumer, Business, Industrial, Low-Income	2008	Preliminary
35	2008 LDC Custom	Consumer, Business, Industrial, Low-Income	2008	Preliminary
36	2008 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2008	Preliminary
36	2008 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2008	Preliminary
36	2008 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2008	Preliminary
36	2008 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2008	Preliminary
37	2008 Other Customer Based Generation	Consumer, Business, Industrial, Low-Income	2008	Preliminary

55	Contractor (Non-Classified Locations) - Minimum	0.00	0	0
1	Mixed Use Facility	TBD	TBD	TBD
2	University Campus	TBD	TBD	TBD
3	Hospital	TBD	TBD	TBD
4	Commercial Office Tower	TBD	TBD	TBD
5	Industrial/Manufacturing Facility	TBD	TBD	TBD
6	City Government Central Utilities Plant	TBD	TBD	TBD
7	Hotel	TBD	TBD	TBD
1	Voluntary Load Shedding Project	Custom	Custom	1
1	Contractual Load Shedding Project	Custom	Custom	1
1	Loblaw Contract	Custom	Custom	1
2	Rodan Contract	Custom	Custom	1
1	Hydro One Networks - Double Return - Distribu	130.77	0	1
2	Hydro One Networks - Double Return - Transm	8,100.00	0	1
1	Hydro	Custom	Custom	20
2	Wind	Custom	Custom	20
3	Solar Photo-Voltaic	Custom	Custom	20
4	Bio-Energy	Custom	Custom	20
1	Combined Heat & Power / By-Product	Custom	Custom	20

Net-to-Gross Adjustments (%)					
Free Rider (#1)	Spill Over (#2)	Exclusions (#3)	Part Use (#4)	Other (#5)	Aggregate (#6)

90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
100%	100%	100%	100%	100%	100%

Provincial Total (# Units)	LDC Total (# Units)
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1,338,276	2,638
37,518	74
16,320	32
12,415	24
14,393	28
10,965	22
9,816	19
5,018	10
217	0
1,984,267	3,912
477,612	942
31,484	62
0	49
0	18
1,875	4
6	0

48%	100%	100%	81%	100%	39%
50%	100%	100%	91%	100%	46%
38%	100%	100%	79%	100%	30%
38%	100%	100%	79%	100%	30%
43%	100%	100%	100%	100%	43%
52%	5%	100%	100%	100%	57%
46%	0%	60%	100%	100%	27%
54%	5%	100%	100%	100%	59%
42%	0%	38%	100%	100%	16%
100%	100%	100%	100%	100%	100%
78%	100%	100%	100%	100%	78%
78%	100%	100%	100%	100%	78%
76%	100%	100%	100%	100%	76%
55%	100%	100%	100%	100%	55%
55%	100%	100%	100%	100%	55%
13%	100%	100%	100%	100%	13%
55%	100%	100%	100%	100%	55%
55%	100%	100%	100%	100%	55%
55%	100%	100%	100%	100%	55%
55%	100%	100%	100%	100%	55%
49%	100%	100%	100%	100%	49%
77%	100%	100%	100%	100%	77%
55%	100%	100%	100%	100%	55%
77%	100%	100%	100%	100%	77%
55%	100%	100%	100%	100%	55%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%

37,123	142
10,652	36
581	2
325	1
758	0
33,178	65
46,989	92
51,990	101
28,048	55
21,997	0
2,376,053	4,633
386,799	754
500,000	975
19,166	37
77,226	151
305,048	595
30,516	60
19,390	38
9,229	18
629,498	1,227
18,088	35
18,633	36
8,442	16
97,742	191
12,360	132
3,733	0
10,364	0

90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
12%	100%	100%	100%	100%	12%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
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100%	100%	100%	100%	100%	100%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
90%	100%	100%	100%	100%	90%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%

167	0
221	0
9	0
858,039	1,954
174	0
328	0
4	0
154	0
78	0
11	0
12	0
75	0
15	0
920	0
143	0
68	0
23	0
2	0
448	0
30	0
43	0
36	0
5	0
26	0
10	0
35	0
163	0
1,902	0
34	0
104	0
6	0
57	0
19	0
48	0
9,680	19
544	0
0	0
24	0
12	0
n/a	n/a
16	0
n/a	n/a
n/a	n/a
4	0
3	0
72	0
2	0

56%	100%	100%	81%	100%	45%
55%	100%	100%	91%	100%	50%
38%	100%	100%	79%	100%	30%
38%	100%	100%	79%	100%	30%
43%	100%	100%	100%	100%	43%
52%	5%	100%	100%	100%	57%
46%	0%	60%	100%	100%	27%
54%	5%	100%	100%	100%	59%

62,327	178
18,176	52
299	0
175	1
1,587	3
21,537	42
27,493	54
32,113	63

100%	100%	100%	100%	100%	100%	0	0
70%	100%	100%	100%	50%	35%	62,670	122
70%	100%	100%	100%	100%	70%	11,078	22
70%	100%	100%	100%	100%	70%	10,837	21
77%	100%	100%	100%	100%	77%	47,805	93
55%	100%	100%	100%	100%	55%	199,936	390
93%	100%	100%	100%	100%	93%	213,379	416
93%	100%	100%	100%	100%	93%	213,378	416
30%	100%	100%	100%	100%	30%	2,953	6
55%	100%	100%	100%	100%	55%	17,702	35
70%	100%	100%	100%	100%	70%	21,808	43
70%	100%	100%	100%	100%	70%	4,710	9
70%	100%	100%	100%	100%	70%	8,630	17
90%	100%	100%	100%	100%	90%	28,831	163
90%	100%	100%	100%	100%	90%	14,152	6
90%	100%	100%	100%	100%	90%	318	0
90%	100%	100%	100%	100%	90%	104	0
90%	100%	100%	100%	100%	90%	47	0
90%	100%	100%	100%	100%	90%	1	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
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70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	11	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	6	0
70%	100%	100%	100%	100%	70%	4,629	0
70%	100%	100%	100%	100%	70%	340,082	0
70%	100%	100%	100%	100%	70%	16,236	0
70%	100%	100%	100%	100%	70%	16,557	0
70%	100%	100%	100%	100%	70%	79,625	0
70%	100%	100%	100%	100%	70%	5,184	0
70%	100%	100%	100%	100%	70%	28,832	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	2,921	0
70%	100%	100%	100%	100%	70%	16,810	0
70%	100%	100%	100%	100%	70%	274	0
70%	100%	100%	100%	100%	70%	658	0

70%	100%	100%	100%	100%	70%
70%	100%	100%	100%	100%	70%
70%	100%	100%	100%	100%	70%
70%	100%	100%	100%	100%	70%
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100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%

464	0
1	0
3	0
1	0
1	0
0	0
1	0
1	0
13	0
10	0
n/a	n/a
n/a	n/a
117	0
3	0
0	0
7	0
116	0
2	0
2	0

#	Local Distribution Company	2006 Residential Peak Load (kW)	2006 Residential Peak Load (%)	2006 Residential Energy Throughput (kWh)	2006 Residential Energy Throughput (%)	2006 Non-Residential Peak Load (kW)	2006 Non-Residential Peak Load (%)	2006 Non-Residential Energy Throughput (kWh)	2006 Non-Residential Energy Throughput (%)
1	Atikokan Hydro Inc	n/a	n/a	11,400,673	0.03%	n/a	n/a	34,099,588	0.04%
2	Attawapiskat First Nation	n/a	n/a		0.00%	n/a	n/a		0.00%
3	Attawapiskat Power Corporation	n/a	n/a		0.00%	n/a	n/a		0.00%
4	Barrie Hydro Distribution Inc.	n/a	n/a	530,557,254	1.32%	n/a	n/a	937,360,428	1.20%
5	Bluewater Power Distribution Corporation	n/a	n/a	261,470,152	0.65%	n/a	n/a	842,737,021	1.08%
6	Brant County Power Inc.	n/a	n/a	79,563,205	0.20%	n/a	n/a	145,133,733	0.19%
7	Brantford Power Inc.	n/a	n/a	284,501,278	0.71%	n/a	n/a	680,671,928	0.87%
8	Burlington Hydro Inc.	n/a	n/a	551,419,663	1.37%	n/a	n/a	1,182,280,000	1.51%
9	COLLUS Power Corp.	n/a	n/a	110,110,859	0.27%	n/a	n/a	225,767,061	0.29%
10	Cambridge and North Dumfries Hydro Inc.	n/a	n/a	389,897,758	0.97%	n/a	n/a	1,175,499,726	1.50%
11	Canadian Niagara Power Inc.	n/a	n/a	143,693,705	0.36%	n/a	n/a	215,257,881	0.27%
12	Centre Wellington Hydro Ltd.	n/a	n/a	44,421,203	0.11%	n/a	n/a	104,851,041	0.13%
13	Chapleau Public Utilities Corporation	n/a	n/a	14,654,854	0.04%	n/a	n/a	13,456,323	0.02%
14	Chatham-Kent Hydro Inc.	n/a	n/a	239,607,514	0.60%	n/a	n/a	615,842,408	0.79%
15	Clinton Power Corporation	n/a	n/a	12,656,005	0.03%	n/a	n/a	5,883,572	0.01%
16	Cooperative Hydro Embrun Inc.	n/a	n/a	19,799,972	0.05%	n/a	n/a	9,670,245	0.01%
17	Cornwall Street Railway Light and Power Company Limited	n/a	n/a		0.00%	n/a	n/a	3,316,831	0.00%
18	Dubreuil Forest Products Ltd.	n/a	n/a		0.00%	n/a	n/a	104,680,214	0.13%
19	Dutton Hydro Limited	n/a	n/a	409,958	0.00%	n/a	n/a	244,729,136	0.31%
20	E.L.K. Energy Inc.	n/a	n/a	91,182,112	0.23%	n/a	n/a	45,502,520	0.06%
21	ENWIN Utilities Ltd.	n/a	n/a	655,143,475	1.63%	n/a	n/a	244,729,136	0.31%
22	Enersource Hydro Mississauga Inc.	n/a	n/a	1,603,332,097	3.98%	n/a	n/a	6,490,116,773	8.28%
23	Erie Thames Powerlines Corporation	n/a	n/a	116,103,693	0.29%	n/a	n/a	36,572,686	0.05%
24	Espanola Regional Hydro Distribution Corporation	n/a	n/a	32,486,898	0.08%	n/a	n/a	30,450,548	0.04%
25	Essex Powerlines Corporation	n/a	n/a	284,492,550	0.71%	n/a	n/a	148,696,240	0.19%
26	Festival Hydro Inc.	n/a	n/a	142,060,467	0.35%	n/a	n/a	471,908,335	0.60%
27	Fort Albany First Nation	n/a	n/a		0.00%	n/a	n/a		0.00%
28	Fort Albany Power Corporation	n/a	n/a		0.00%	n/a	n/a		0.00%
29	Fort Frances Power Corporation	n/a	n/a	38,401,315	0.10%	n/a	n/a	42,879,081	0.05%
30	Grand Valley Energy Inc	n/a	n/a	5,683,369	0.01%	n/a	n/a	2,812,411	0.00%
31	Great Lakes Power Limited	n/a	n/a	91,383,636	0.23%	n/a	n/a	102,068,591	0.13%
32	Greater Sudbury Hydro Inc.	n/a	n/a	397,678,409	0.99%	n/a	n/a	535,059,474	0.68%
33	Grimsby Power Incorporated	n/a	n/a	85,590,583	0.21%	n/a	n/a	18,314,103	0.02%
34	Guelph Hydro Electric Systems Inc.	n/a	n/a	357,495,622	0.89%	n/a	n/a	1,264,636,266	1.61%
35	Haldimand County Hydro Inc.	n/a	n/a	172,359,424	0.43%	n/a	n/a	185,282,283	0.24%
36	Halton Hills Hydro Inc.	n/a	n/a	200,925,506	0.50%	n/a	n/a	271,457,391	0.35%
37	Hearst Power Distribution Company Limited	n/a	n/a	26,681,677	0.07%	n/a	n/a	87,318,533	0.11%
38	Horizon Utilities Corporation	n/a	n/a	1,654,664,050	4.11%	n/a	n/a	3,638,046,674	4.64%
39	Hydro 2000 Inc.	n/a	n/a	15,223,723	0.04%	n/a	n/a	10,268,966	0.01%
40	Hydro Hawkesbury Inc.	n/a	n/a	54,802,923	0.14%	n/a	n/a	143,819,890	0.18%
41	Hydro One Brampton Networks Inc.	n/a	n/a	1,075,118,931	2.67%	n/a	n/a	2,744,176,570	3.50%
42	Hydro One Networks Inc.	n/a	n/a	12,237,925,130	30.40%	n/a	n/a	9,935,112,037	12.68%
43	Hydro One Networks Inc./Cat Lake Power Community	n/a	n/a		0.00%	n/a	n/a		0.00%
44	Hydro One Remote Communities Inc.	n/a	n/a		0.00%	n/a	n/a		0.00%

45	Hydro Ottawa Limited	n/a	n/a	2,226,415,669	5.53%	n/a	n/a	5,188,092,986	6.62%
46	Innisfil Hydro Distribution Systems Limited	n/a	n/a	157,140,654	0.39%	n/a	n/a	28,964,493	0.04%
47	Kashechewan First Nation	n/a	n/a		0.00%	n/a	n/a		0.00%
48	Kashechewan Power Corporation	n/a	n/a		0.00%	n/a	n/a		0.00%
49	Kenora Hydro Electric Corporation Ltd.	n/a	n/a	39,159,513	0.10%	n/a	n/a	68,402,801	0.09%
50	Kingston Hydro Corporation	n/a	n/a	200,214,258	0.50%	n/a	n/a	531,028,042	0.68%
51	Kitchener-Wilmot Hydro Inc.	n/a	n/a	644,108,007	1.60%	n/a	n/a	1,309,299,590	1.67%
52	Lakefront Utilities Inc.	n/a	n/a	67,942,208	0.17%	n/a	n/a	213,381,240	0.27%
53	Lakeland Power Distribution Ltd.	n/a	n/a	78,930,880	0.20%	n/a	n/a	45,933,794	0.06%
54	London Hydro Inc.	n/a	n/a	1,088,755,114	2.70%	n/a	n/a	2,244,907,930	2.87%
55	Middlesex Power Distribution Corporation	n/a	n/a	57,128,547	0.14%	n/a	n/a	145,163,360	0.19%
56	Midland Power Utility Corporation	n/a	n/a	43,734,088	0.11%	n/a	n/a	177,618,443	0.23%
57	Milton Hydro Distribution Inc.	n/a	n/a	197,466,598	0.49%	n/a	n/a	439,013,389	0.56%
58	Newbury Power Inc.	n/a	n/a		0.00%	n/a	n/a		0.00%
59	Newmarket - Tay Power Distribution Ltd.	n/a	n/a	262,995,579	0.65%	n/a	n/a	93,266,581	0.12%
60	Niagara Peninsula Energy Inc.	n/a	n/a	449,386,643	1.12%	n/a	n/a	809,188,538	1.03%
61	Niagara-on-the-Lake Hydro Inc.	n/a	n/a	63,805,148	0.16%	n/a	n/a	111,101,732	0.14%
62	Norfolk Power Distribution Inc.	n/a	n/a	139,960,236	0.35%	n/a	n/a	237,962,119	0.30%
63	North Bay Hydro Distribution Limited	n/a	n/a	207,199,584	0.51%	n/a	n/a	349,174,613	0.45%
64	Northern Ontario Wires Inc.	n/a	n/a	43,040,214	0.11%	n/a	n/a	91,314,990	0.12%
65	Oakville Hydro Electricity Distribution Inc.	n/a	n/a	569,566,301	1.41%	n/a	n/a	994,238,859	1.27%
66	Orangeville Hydro Limited	n/a	n/a	79,376,454	0.20%	n/a	n/a	160,927,606	0.21%
67	Orillia Power Distribution Corporation	n/a	n/a	108,206,276	0.27%	n/a	n/a	209,218,547	0.27%
68	Oshawa PUC Networks Inc.	n/a	n/a	465,431,095	1.16%	n/a	n/a	632,361,055	0.81%
69	Ottawa River Power Corporation	n/a	n/a	75,536,829	0.19%	n/a	n/a	116,088,912	0.15%
70	PUC Distribution Inc.	n/a	n/a	335,395,539	0.83%	n/a	n/a	353,865,433	0.45%
71	Parry Sound Power Corporation	n/a	n/a	33,103,725	0.08%	n/a	n/a	51,649,272	0.07%
72	Peterborough Distribution Incorporated	n/a	n/a	290,645,501	0.72%	n/a	n/a	512,167,589	0.65%
73	Port Colborne Hydro Inc.	n/a	n/a	63,748,755	0.16%	n/a	n/a	131,007,820	0.17%
74	PowerStream Inc.	n/a	n/a	2,003,371,840	4.98%	n/a	n/a	4,700,083,921	6.00%
75	Renfrew Hydro Inc.	n/a	n/a	30,640,237	0.08%	n/a	n/a	65,574,034	0.08%
76	Rideau St. Lawrence Distribution Inc.	n/a	n/a	44,343,815	0.11%	n/a	n/a	22,573,648	0.03%
77	Sioux Lookout Hydro Inc.	n/a	n/a	31,452,628	0.08%	n/a	n/a	60,136,389	0.08%
78	St. Thomas Energy Inc.	n/a	n/a	113,523,979	0.28%	n/a	n/a	250,600,744	0.32%
79	Thunder Bay Hydro Electricity Distribution Inc.	n/a	n/a	346,415,246	0.86%	n/a	n/a	681,186,819	0.87%
80	Tillsonburg Hydro Inc.	n/a	n/a	52,306,081	0.13%	n/a	n/a	175,367,100	0.22%
81	Toronto Hydro-Electric System Limited	n/a	n/a	5,351,746,739	13.29%	n/a	n/a	20,069,911,519	25.61%
82	Veridian Connections Inc.	n/a	n/a	929,432,918	2.31%	n/a	n/a	1,583,103,519	2.02%
83	Wasaga Distribution Inc.	n/a	n/a	73,495,682	0.18%	n/a	n/a	31,661,531	0.04%
84	Waterloo North Hydro Inc.	n/a	n/a	391,947,018	0.97%	n/a	n/a	922,560,313	1.18%
85	Welland Hydro-Electric System Corp.	n/a	n/a	169,952,289	0.42%	n/a	n/a	314,737,340	0.40%
86	Wellington North Power Inc.	n/a	n/a	25,536,958	0.06%	n/a	n/a	68,059,736	0.09%
87	West Coast Huron Energy Inc.	n/a	n/a	27,222,139	0.07%	n/a	n/a	119,067,345	0.15%
88	West Perth Power Inc.	n/a	n/a		0.00%	n/a	n/a		0.00%
89	Westario Power Inc.	n/a	n/a	207,243,931	0.51%	n/a	n/a	243,567,288	0.31%
90	Whitby Hydro Electric Corporation	n/a	n/a	337,897,948	0.84%	n/a	n/a	511,216,232	0.65%
91	Woodstock Hydro Services Inc.	n/a	n/a	104,833,112	0.26%	n/a	n/a	300,154,329	0.38%
Total		n/a	n/a	40,262,655,618	100.00%	n/a	n/a	78,355,367,185	100.00%

2007 Residential Peak Load (kW)	2007 Residential Peak Load (%)	2007 Residential Energy Throughput (kWh)	2007 Residential Energy Throughput (%)	2007 Non-Residential Peak Load (kW)	2007 Non-Residential Peak Load (%)	2007 Non-Residential Energy Throughput (kWh)	2007 Non-Residential Energy Throughput (%)	2008 Residential Peak Load (kW)	2008 Residential Peak Load (%)	2008 Residential Energy Throughput (kWh)	2008 Residential Energy Throughput (%)
n/a	n/a	11,858,778	0.03%	n/a	n/a	31,082,191	0.04%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a	548,016,272	1.33%	n/a	n/a	940,740,837	1.14%	n/a	n/a	n/a	n/a
n/a	n/a	264,836,003	0.64%	n/a	n/a	855,922,144	1.04%	n/a	n/a	n/a	n/a
n/a	n/a	81,004,255	0.20%	n/a	n/a	207,717,221	0.25%	n/a	n/a	n/a	n/a
n/a	n/a	298,531,289	0.73%	n/a	n/a	741,598,484	0.90%	n/a	n/a	n/a	n/a
n/a	n/a	567,063,035	1.38%	n/a	n/a	1,199,736,238	1.45%	n/a	n/a	n/a	n/a
n/a	n/a	113,589,579	0.28%	n/a	n/a	215,072,148	0.26%	n/a	n/a	n/a	n/a
n/a	n/a	395,062,443	0.96%	n/a	n/a	1,165,105,313	1.41%	n/a	n/a	n/a	n/a
n/a	n/a	143,862,348	0.35%	n/a	n/a	215,810,521	0.26%	n/a	n/a	n/a	n/a
n/a	n/a	46,699,194	0.11%	n/a	n/a	111,831,932	0.14%	n/a	n/a	n/a	n/a
n/a	n/a	15,018,918	0.04%	n/a	n/a	13,186,691	0.02%	n/a	n/a	n/a	n/a
n/a	n/a	236,072,777	0.57%	n/a	n/a	601,416,856	0.73%	n/a	n/a	n/a	n/a
n/a	n/a	12,522,951	0.03%	n/a	n/a	18,085,796	0.02%	n/a	n/a	n/a	n/a
n/a	n/a	19,386,628	0.05%	n/a	n/a	9,298,043	0.01%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a	94,171,770	0.23%	n/a	n/a	160,761,797	0.19%	n/a	n/a	n/a	n/a
n/a	n/a	664,998,752	1.62%	n/a	n/a	1,903,884,798	2.31%	n/a	n/a	n/a	n/a
n/a	n/a	1,632,816,129	3.97%	n/a	n/a	6,605,288,225	8.00%	n/a	n/a	n/a	n/a
n/a	n/a	116,256,740	0.28%	n/a	n/a	291,852,488	0.35%	n/a	n/a	n/a	n/a
n/a	n/a	32,040,530	0.08%	n/a	n/a	31,021,479	0.04%	n/a	n/a	n/a	n/a
n/a	n/a	280,966,066	0.68%	n/a	n/a	279,180,331	0.34%	n/a	n/a	n/a	n/a
n/a	n/a	143,658,315	0.35%	n/a	n/a	468,128,577	0.57%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a	39,011,690	0.09%	n/a	n/a	43,615,480	0.05%	n/a	n/a	n/a	n/a
n/a	n/a	5,786,652	0.01%	n/a	n/a	3,568,735	0.00%	n/a	n/a	n/a	n/a
n/a	n/a	92,360,867	0.22%	n/a	n/a	109,854,997	0.13%	n/a	n/a	n/a	n/a
n/a	n/a	405,736,204	0.99%	n/a	n/a	543,747,565	0.66%	n/a	n/a	n/a	n/a
n/a	n/a	86,770,666	0.21%	n/a	n/a	88,449,813	0.11%	n/a	n/a	n/a	n/a
n/a	n/a	358,331,164	0.87%	n/a	n/a	1,269,317,570	1.54%	n/a	n/a	n/a	n/a
n/a	n/a	173,795,327	0.42%	n/a	n/a	183,754,191	0.22%	n/a	n/a	n/a	n/a
n/a	n/a	208,287,499	0.51%	n/a	n/a	311,739,725	0.38%	n/a	n/a	n/a	n/a
n/a	n/a	28,317,089	0.07%	n/a	n/a	82,118,980	0.10%	n/a	n/a	n/a	n/a
n/a	n/a	1,666,789,557	4.06%	n/a	n/a	4,575,455,672	5.54%	n/a	n/a	n/a	n/a
n/a	n/a	15,036,848	0.04%	n/a	n/a	9,877,930	0.01%	n/a	n/a	n/a	n/a
n/a	n/a	56,403,314	0.14%	n/a	n/a	145,226,883	0.18%	n/a	n/a	n/a	n/a
n/a	n/a	1,141,600,000	2.78%	n/a	n/a	2,798,700,000	3.39%	n/a	n/a	n/a	n/a
n/a	n/a	12,620,681,000	30.71%	n/a	n/a	10,298,799,000	12.47%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a

n/a	n/a	2,234,039,085	5.44%	n/a	n/a	5,255,181,082	6.36%	n/a	n/a	n/a	n/a
n/a	n/a	156,705,342	0.38%	n/a	n/a	71,986,330	0.09%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a		0.00%	n/a	n/a		0.00%	n/a	n/a	n/a	n/a
n/a	n/a	39,142,088	0.10%	n/a	n/a	70,186,402	0.08%	n/a	n/a	n/a	n/a
n/a	n/a	221,960,966	0.54%	n/a	n/a	497,012,043	0.60%	n/a	n/a	n/a	n/a
n/a	n/a	660,550,766	1.61%	n/a	n/a	1,312,172,498	1.59%	n/a	n/a	n/a	n/a
n/a	n/a	74,685,958	0.18%	n/a	n/a	215,906,659	0.26%	n/a	n/a	n/a	n/a
n/a	n/a	78,209,625	0.19%	n/a	n/a	135,514,735	0.16%	n/a	n/a	n/a	n/a
n/a	n/a	1,117,283,048	2.72%	n/a	n/a	2,246,550,773	2.72%	n/a	n/a	n/a	n/a
n/a	n/a	57,541,659	0.14%	n/a	n/a	139,592,176	0.17%	n/a	n/a	n/a	n/a
n/a	n/a	47,886,438	0.12%	n/a	n/a	175,517,601	0.21%	n/a	n/a	n/a	n/a
n/a	n/a	218,633,202	0.53%	n/a	n/a	470,712,726	0.57%	n/a	n/a	n/a	n/a
n/a	n/a	463,355	0.00%	n/a	n/a	606,285	0.00%	n/a	n/a	n/a	n/a
n/a	n/a	270,904,453	0.66%	n/a	n/a	96,866,788	0.12%	n/a	n/a	n/a	n/a
n/a	n/a	423,910,347	1.03%	n/a	n/a	853,493,894	1.03%	n/a	n/a	n/a	n/a
n/a	n/a	65,561,722	0.16%	n/a	n/a	112,958,244	0.14%	n/a	n/a	n/a	n/a
n/a	n/a	142,543,771	0.35%	n/a	n/a	236,960,151	0.29%	n/a	n/a	n/a	n/a
n/a	n/a	213,131,701	0.52%	n/a	n/a	353,433,822	0.43%	n/a	n/a	n/a	n/a
n/a	n/a	43,226,412	0.11%	n/a	n/a	87,800,701	0.11%	n/a	n/a	n/a	n/a
n/a	n/a	592,214,968	1.44%	n/a	n/a	1,015,760,199	1.23%	n/a	n/a	n/a	n/a
n/a	n/a	80,135,717	0.19%	n/a	n/a	165,400,748	0.20%	n/a	n/a	n/a	n/a
n/a	n/a	109,590,116	0.27%	n/a	n/a	208,616,563	0.25%	n/a	n/a	n/a	n/a
n/a	n/a	495,109,283	1.20%	n/a	n/a	685,818,845	0.83%	n/a	n/a	n/a	n/a
n/a	n/a	75,938,194	0.18%	n/a	n/a	84,784,890	0.10%	n/a	n/a	n/a	n/a
n/a	n/a	338,874,337	0.82%	n/a	n/a	355,019,853	0.43%	n/a	n/a	n/a	n/a
n/a	n/a	34,279,947	0.08%	n/a	n/a	54,561,642	0.07%	n/a	n/a	n/a	n/a
n/a	n/a	286,683,602	0.70%	n/a	n/a	525,620,624	0.64%	n/a	n/a	n/a	n/a
n/a	n/a	65,276,304	0.16%	n/a	n/a	125,625,452	0.15%	n/a	n/a	n/a	n/a
n/a	n/a	2,039,498,572	4.96%	n/a	n/a	4,749,900,082	5.75%	n/a	n/a	n/a	n/a
n/a	n/a	31,007,901	0.08%	n/a	n/a	67,121,871	0.08%	n/a	n/a	n/a	n/a
n/a	n/a	45,086,486	0.11%	n/a	n/a	67,416,920	0.08%	n/a	n/a	n/a	n/a
n/a	n/a	32,814,076	0.08%	n/a	n/a	57,375,461	0.07%	n/a	n/a	n/a	n/a
n/a	n/a	119,400,889	0.29%	n/a	n/a	244,392,868	0.30%	n/a	n/a	n/a	n/a
n/a	n/a	344,508,404	0.84%	n/a	n/a	669,420,045	0.81%	n/a	n/a	n/a	n/a
n/a	n/a	52,893,412	0.13%	n/a	n/a	183,570,981	0.22%	n/a	n/a	n/a	n/a
n/a	n/a	5,332,356,184	12.97%	n/a	n/a	20,316,766,672	24.60%	n/a	n/a	n/a	n/a
n/a	n/a	960,984,164	2.34%	n/a	n/a	1,566,734,483	1.90%	n/a	n/a	n/a	n/a
n/a	n/a	78,007,343	0.19%	n/a	n/a	35,464,935	0.04%	n/a	n/a	n/a	n/a
n/a	n/a	405,071,611	0.99%	n/a	n/a	954,721,743	1.16%	n/a	n/a	n/a	n/a
n/a	n/a	162,857,785	0.40%	n/a	n/a	300,569,977	0.36%	n/a	n/a	n/a	n/a
n/a	n/a	25,027,983	0.06%	n/a	n/a	69,405,347	0.08%	n/a	n/a	n/a	n/a
n/a	n/a	26,672,783	0.06%	n/a	n/a	117,989,487	0.14%	n/a	n/a	n/a	n/a
n/a	n/a	15,466,784	0.04%	n/a	n/a	46,047,710	0.06%	n/a	n/a	n/a	n/a
n/a	n/a	213,039,032	0.52%	n/a	n/a	246,987,034	0.30%	n/a	n/a	n/a	n/a
n/a	n/a	347,926,496	0.85%	n/a	n/a	511,966,838	0.62%	n/a	n/a	n/a	n/a
n/a	n/a	104,412,330	0.25%	n/a	n/a	287,974,277	0.35%	n/a	n/a	n/a	n/a
n/a	n/a	41,098,855,290	100.00%	n/a	n/a	82,578,437,108	100.00%	n/a	n/a	n/a	n/a

