

December 24, 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 Orangeville Hydro Limited's responses to the Vulnerable Energy Consumers Coalition interrogatories (Second Round). 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 <u>ihoward@orangevillehydro.on.ca</u> 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?

<u>Response</u>

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.

<u>Response</u>

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.

			Ora	angeville Hyd	ro Ltd.					
			Summa	ry of Propose	ed Changes	5				
	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 - 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
PILs 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)).

<u>Response</u>

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).

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

		Expected	Expected
	Total	Connections	Connections
2010 Subdivisions	Connections	2009	2010
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.

	Total	Total	
	Connections	Connections	Comments
2009 Subdivisions/Retail	Residential	Commercial	connicitis
2009 Subdivisions/ Retail	Residential	Commercial	
Orangeville Highlands	54		Reconciles with Subdivision Connections
			Subdivision engergized in 2007 - 12
Credit Springs Subdivision	12		services left-to be connected in 2009
Wilside Phase 4	9		Subdivision engergized in 2007 - 9 services to be connected in 2009
Edgewood Valley Phase 2A	55		Subdivision engergized in 2008 - 3 services to be connected in 2008- 10 connected to date-overestimated connectedions
Church -Blindline&Hansen		1	
		-	Energized 2008 -individually metered 64
C Line Condominuims	64		residential condo units
Westside Market Commercial		6	
Rolling Hills Plaza		14	Developer did not proceed
Total Connections Forecasted	194		
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.

<u>Response</u>

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			
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	Total MWh for	120.3		
	participants for	remainder of			
	remainder of 2009	year	282.26		
Tota	I 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.

C	DM manual ac	ljustments	
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.

Table 6									
		Manu	al Adjustment to Fo	orecast (kWh)					
	PolyOne Canada Inc.	Johnson Controls Ltd.	Pfizer Canada	The Data Group of Canada	CDM	Total			
2009	(1,300,000)	0	(85,000)	325,000	(748,004)	(1,808,004)			
2010	(1,300,000)	(3,000,000)	(420,000)	323,640	(743 <i>,</i> 574)	(5,139,934)			

			Та	able 16			
		Alignme	nt of Non-Norma	al to Weather No	rmal Forecast		
Year	Residential	General Service < 50kW	General Service > 50kW	Streetlights	Sentinel Lights	Unmetered Scattered Load	Total

		Non-nor	malized Weather	r Billed Energy Fo	orecast (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 f	or Weather (kWł	1)		
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 Adjı	ustment to Billed	l 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
		Weath	er Normalized B	illed Energy Fore	cast (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 Year	Results Status										
	lear	Olulus	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1 Orangeville Hydro Limited	2006	Final	0.41	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
2 Orangeville Hydro Limited	2007	Final	0.00	0.92	0.87	0.13	0.13	0.13	0.13	0.13	0.13	0.12
3 Orangeville Hydro Limited	2008	Preliminary	0.00	0.00	0.36	0.14	0.14	0.14	0.14	0.14	0.13	0.13
Total			0	1	1	0	0	0	0	0	0	0
4 Province Wide	2006	Final	198.17	16.17	16.17	16.17	16.17	15.27	14.01	10.67	10.67	10.67
5 Province Wide	2007	Final	0.00	566.38	539.51	177.11	177.11	176.15	42.13	42.13	42.13	38.33
6 Province Wide	2008	Preliminary	0.00	0.00	245.18	96.22	96.22	96.22	96.22	96.05	95.09	95.09
Total			198	583	801	289	289	288	152	149	148	144

														Net			
-												N)	avings (M)	Demand Sa	ner Peak	Sumr	
	2032	2031	2030	2029	2028	2027	2026	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.04	0.04	0.11	0.11	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.03	0.03	0.13	0.13	0.13	0.13
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.67	10.67	10.67
	0.00	0.00	0.00	0.00	0.00	0.00	1.95	2.46	5.63	5.63	5.66	21.19	21.50	21.50	34.83	34.83	37.30
	0.01	0.01	0.01	0.01	0.01	50.82	50.82	53.48	53.48	54.50	67.29	67.29	67.29	92.29	92.29	92.32	94.11
	0	0	0	0	0	51	53	56	59	60	73	88	89	114	138	138	142

												Net			
										4	Annual Energ	gy 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

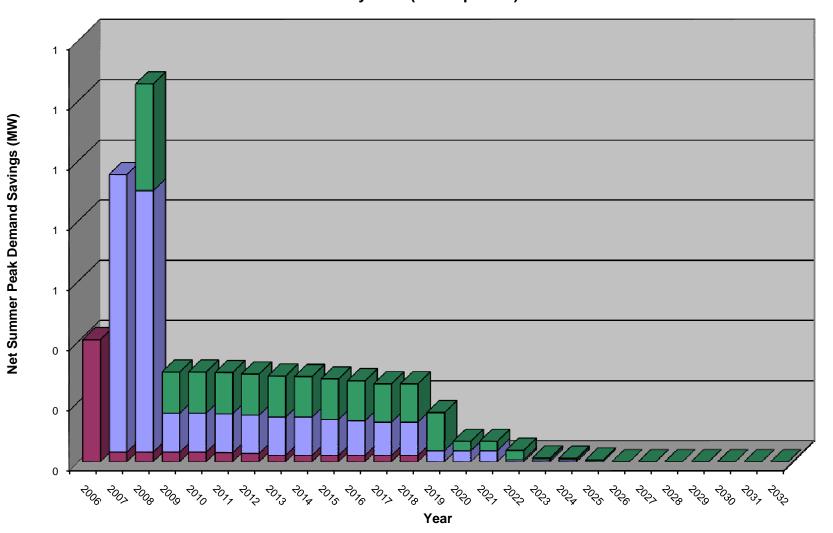
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032		2006	2007	2008	2009	2010	2011	2012
2023	2024	2023	2020	2021	2020	2029	2030	2031	2032	-	2000	2007	2000	2009	2010	2011	2012
0	0	0	0	0	0	0	0	0	0		0.58	0.04	0.04	0.04	0.04	0.03	0.03
7	7	0	0	0	0	0	0	0	0		0.00	1.73	1.68	0.19	0.19	0.19	0.17
33	6	6	0	0	0	0	0	0	0		0.00	0.00	0.40	0.18	0.18	0.18	0.18
39	13	6	0	0	0	0	0	0	0		1	2	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0	28	3.96	17.96	17.96	17.96	17.96	16.97	15.56
14,313	14,313	10,907	8,607	0	0	0	0	0	0		0.00	937.04	909.77	217.37	217.37	216.41	61.34
156,885	140,437	140,437	137,155	137,155	47	47	47	47	47		0.00	0.00	283.17	133.78	133.78	133.78	133.78
171,198	154,750	151,344	145,762	137,155	47	47	47	47	47		284	955	1,211	369	369	367	211

						Gross											
				Su	nmer Peak	Demand S	Savings (M)	N)									
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

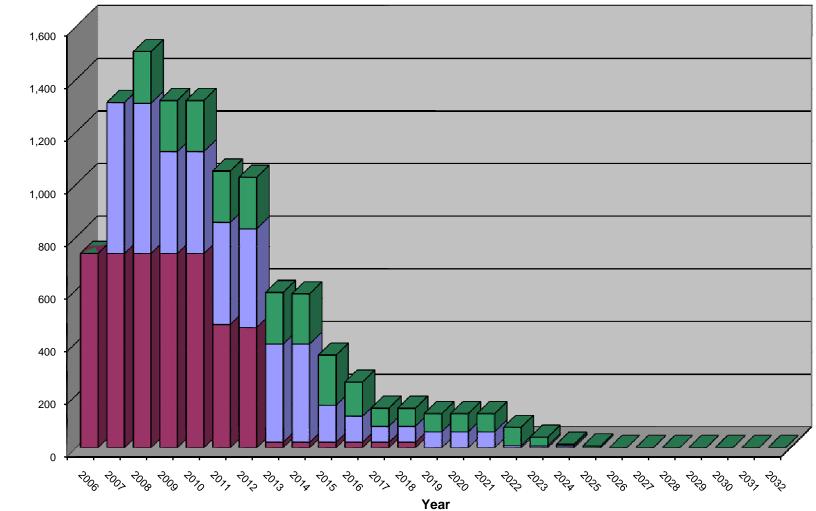
														G	ross	
													Anr	nual Energy	/ Savings (MWh)
2031	2032	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
0.00	0.00	820	820	820	820	820	521	509	23	23	23	23	23	23	0	0
0.00	0.00	0	2,163	2,157	620	620	620	571	571	571	264	157	105	105	105	105
0.00	0.00	0	0	344	342	342	342	342	342	335	335	257	125	124	124	124
0	0	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	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
0.00	0.00	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
0.01	0.01	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
0	0	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)

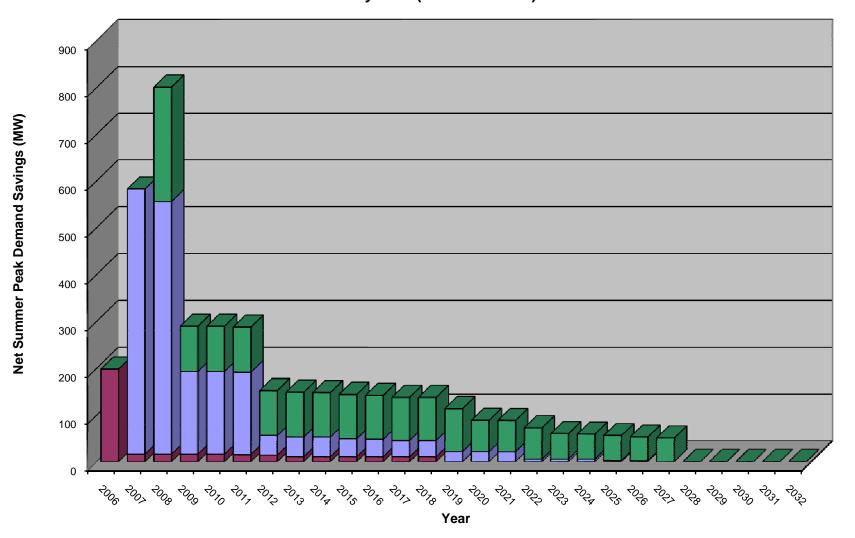


Net Annual Energy Savings By Year (LDC Specific)

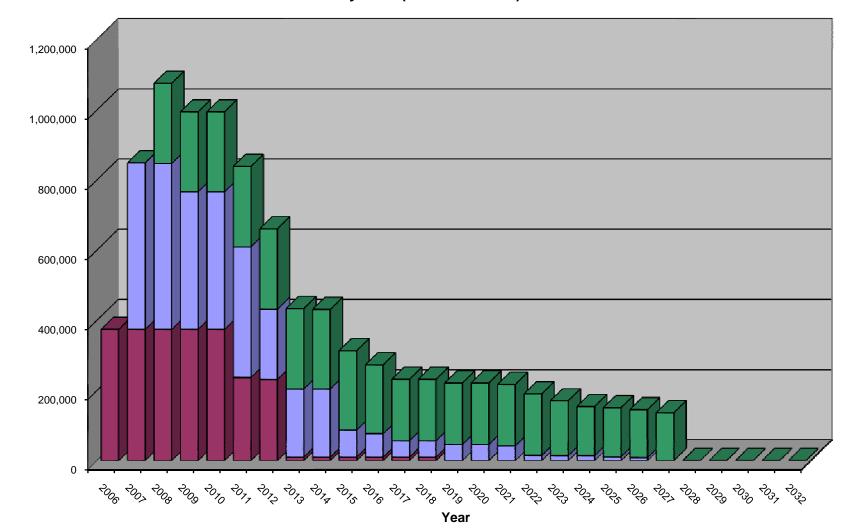


Net Annual Energy Savings (MWh)

Net Summer Peak Demand Savings By Year (Province Wide)



Net Annual Energy Savings By Year (Province Wide)



Net Annual Energy Savings (MWh)

OPA Conservation & Demand Management Programs

Initiative Results

	Gross											
For: Orangeville Hydro Limited	Annual Ener	gy Savings (M	lWh)									
# Initiative Name	Gross			Gross	Gross	Gross	Gross	Gross	Gross	Gross	Gross	Gross
	Annual Ener	gy Savings (N	lWh)	Annual Ene	Annual Er	Annual Er	Annual En	Annual En	Annual Er	Annual En	Annual En	Annual En
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
										1		
1 2006 Every Kilowatt Counts (spring)	299	299	299	0	0	0	-	0	0	0	0	0
2 2006 Cool Savings Rebate Program	23	23	23	23	23	23	-	23	23	23	23	0
3 2006 Secondary Fridge Retirement Pilot	12	12	12	12	0	0	-	0	0	0	0	0
4 2006 Every Kilowatt Counts (fall)	486	486	486	486	486	-	-	0	0		0	0
6 2006 Demand Response 1	0	0	0	0	0	0	-	0	0	0	0	0
2006 Subtotal	820	820	820	521	509	23	23	23	23	23	23	0
	1 1					1						
7 2007 Great Refrigerator Roundup	126	126	126	126	126	-	-	-	-	-	0	0
8 2007 Cool Savings Rebate	112	112	112	112	99				99	99	99	99
9 2007 Aboriginal – Pilot	0	0	0	0	0	0	-	0	0	0	0	0
10 2007 Every Kilowatt Counts	359	359	359	359	323	323		35			6	-
12 2007 Summer Savings	1,537	0	0	0	0	0	-	0	0	-	0	0
14 2007 Social Housing – Pilot	23	23	23	23	23	23	-	23	-	-	0	0
2007 Subtotal	2,157	620	620	620	571	571	571	264	157	105	105	105
	1					1						
21 2008 Great Refrigerator Roundup	160	160	160	160	160			160		-	0	-
22 2008 Cool Savings Rebate	61	61	61	61	61	61	61	61	61	61	61	61
25 2008 Every Kilowatt Counts Power Savings Event	122	121	121	121	121	121	113	113	63	63	62	62
29 2008 High Performance New Construction	1	1	1	1	1	1	1	1	1	1	1	1
2008 Subtotal	344	342	342	342	342	342	335	335	257	125	124	124
		1 = 64										
Overall Total	3,321	1,783	1,783	1,483	1,422	936	928	622	437	253	252	229

Province Wide Results

# Initiative Name												(
											An	nual Energ
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1 2006 Every Kilowatt Counts (spring)	151,857	151,857	151,857	0	0	0	0	0	0	0	0	0
2 2006 Cool Savings Rebate Program	11,574	11,574	11,574	11,574	11,574	11,574	11,574	11,574	11,574	11,574	11,574	0
3 2006 Secondary Fridge Retirement Pilot	6,217	6,217	6,217	6,217	0	0	0	0	0	0	0	0
4 2006 Every Kilowatt Counts (fall)	246,359	246,359	246,359	246,359	246,359	0	0	0	0	0	0	0
6 2006 Demand Response 1	0	0	0	0	0	0	0	0	0	0	0	0
2006 Subtotal	416,007	416,007	416,007	264,150	257,933	11,574	11,574	11,574	11,574	11,574	11,574	0
7 2007 Great Refrigerator Roundup	33,712	33,712	33,712	33,712	33,530	33,530	33,530	27,930	0	0	0	0
8 2007 Cool Savings Rebate	57,469	57,469	57,469	57,469	50,864	50,864	50,864	50,864	50,864	50,864	50,864	50,864
9 2007 Aboriginal – Pilot	19,797	19,797	19,797	0	0	0	0	0	0	0	0	0
10 2007 Every Kilowatt Counts	184,252	184,252	184,252	184,252	165,622	165,622	165,622	17,932	17,932	3,206	3,206	3,206
11 2007 peaksaver®	0	0	0	0	0	0	0	0	0	0	0	0

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

												Gross
Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual En	Annual Energy Savings
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
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
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
99	99	10	10	10	0	0	-	0		0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
6	6	4	1	1	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
105	105	13	11	11	0	0	0	0		0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
	0 61	0 61	0	0	0	0	-	0	-	0		
<u>61</u> 62	62	61	51	•		0	-	-	-	-	-	0
02	1	1	0	3	3	0	0	0	0	0	0	0
124	124	124	-		-	0	_	0		-	÷	0
229	229	137	69	21	10	0	0	0	0	0	0	0

Gross												
gy Savings	(MWh)											
2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
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
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
50,864	50,864	5,050	5,050	5,050	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
3,206	3,206	1,807	673	673	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
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
						<u> </u>						
318,906	314,653	267,439	232,492	203,731	198,008	190,586	181,979	68	68	68	68	68

OPA Conservation & Demand Management Programs

Measure Results

For: Orangeville Hydro Limited

#		Program Name	Program	Results	#	Measure Name	Г	Unit	Savings Assump	tions
"			Year	Status						Effective Useful Life (EUL)
2006							Г			
	2006 Every Kilowatt Counts (spring)	Consumer	200	6 Final		ا ا Energy Star® Compact Fluorescent Light Bu	lЬ	0.00	104	4
	2006 Every Kilowatt Counts (spring)	Consumer		6 Final		2 Electric Timers		0.00		
1	2006 Every Kilowatt Counts (spring)	Consumer		6 Final		3 Programmable Thermostats		0.05		
	2006 Every Kilowatt Counts (spring)	Consumer		6 Final		4 Energy Star® Ceiling Fans	ŀ	0.00		
	2006 Cool Savings Rebate Program	Consumer		6 Final		1 Energy Star® Air Conditioner		0.36		
2	2006 Cool Savings Rebate Program	Consumer		6 Final		2 Programmable Thermostats	ľ	0.16		
	2006 Cool Savings Rebate Program	Consumer		6 Final		3 Air Conditioner Tune-Up	F	0.04		
3	2006 Secondary Fridge Retirement Pilot	Consumer		6 Final		1 Refrigerator Retirement	Ē	0.27		
	2006 Secondary Fridge Retirement Pilot	Consumer		6 Final		2 Freezer Retirement		0.20		
	2006 Every Kilowatt Counts (fall)	Consumer	2000	6 Final		1 Energy Star® Compact Fluorescent Light Bu	lb	0.00	104	
4	2006 Every Kilowatt Counts (fall)	Consumer	2000	6 Final		2 Seasonal Light Emitting Diode Light String		0.00	31	
4	2006 Every Kilowatt Counts (fall)	Consumer	2000	6 Final		3 Programmable Thermostats	Ī	0.12	522	
	2006 Every Kilowatt Counts (fall)	Consumer	2000	6 Final		4 Dimmers		0.00	139	
	2006 Every Kilowatt Counts (fall)	Consumer	200	6 Final		5 Indoor Motion Sensors	Ī	0.00	209	
	2006 Every Kilowatt Counts (fall)	Consumer	2000	6 Final		6 Programmable Basebaord Thermostats		0.00	1,466	18
6	2006 Demand Response 1	Industrial, Business	200	6 Final		1 Voluntary Load Shedding Project		Custom	Custom	1
2007	•						Г			
7	2007 Great Refrigerator Roundup	Consumer	200	7 Final		1 Refrigerator	Ē	0.07	745	9
	2007 Great Refrigerator Roundup	Consumer	200	7 Final		2 Freezer	Ī	0.07	515	8
	2007 Great Refrigerator Roundup	Consumer	200	7 Final		3 Small Refrigerator		0.05	490	9
7	2007 Great Refrigerator Roundup	Consumer	200	7 Final		4 Small Freezer	Ī	0.04	339	8
	2007 Great Refrigerator Roundup	Consumer	200	7 Final		5 Window Air Conditioner	Ī	0.56	240	
	2007 Cool Savings Rebate	Consumer		7 Final		1 ENERGY STAR® Central Air Conditioner		0.17		
8	2007 Cool Savings Rebate	Consumer		7 Final		2 Programmable Thermostat		0.03		
	2007 Cool Savings Rebate	Consumer		7 Final		3 Furnace with Electronically Commutated Mot	tor	0.49		
	2007 Cool Savings Rebate	Consumer		7 Final		4 Central Air Conditioning Tune Up		0.26		
	2007 Aboriginal – Pilot	Consumer		7 Final		1 Consumer Retrofit Kit		0.04		
	2007 Every Kilowatt Counts	Consumer		7 Final		1 15 W CFL		0.00		
	2007 Every Kilowatt Counts	Consumer		7 Final		2 20 W+ CFLs	Ļ	0.00		
10	2007 Every Kilowatt Counts	Consumer		7 Final	_	3 Project Porchlight CFLs	-	0.00		
	2007 Every Kilowatt Counts	Consumer		7 Final	_	4 Energy Star Ceiling Fan	ļ	0.00		
	2007 Every Kilowatt Counts	Consumer		7 Final		5 Furnace Filter	-	0.01		
	2007 Every Kilowatt Counts	Consumer		7 Final		6 Solar Lights	ļ	0.00		
10	2007 Every Kilowatt Counts	Consumer		7 Final		7 Outdoor Motion Sensor	-	0.00		
10	2007 Every Kilowatt Counts	Consumer		7 Final		8 Dimmer Switch	-	0.00		
10	2007 Every Kilowatt Counts 2007 Every Kilowatt Counts	Consumer		7 Final 7 Final		9 Energy Star Light Fixtures	ł	0.01	123 14	
	2007 Every Kilowatt Counts 2007 Every Kilowatt Counts	Consumer Consumer		7 Final 7 Final		0 SLEDs	F	0.00		
	2007 Every Kilowatt Counts	Consumer		7 Final 7 Final		2 Programmable Thermostat	ł	0.00		
10	2007 Every Kilowatt Counts 2007 Every Kilowatt Counts	Consumer		7 Final 7 Final		3 Programmable Thermostat	ŀ	0.00		
10	2007 Every Kilowatt Counts	Consumer		7 Final 7 Final		4 Lighting Control Devices	ŀ	0.01		
	2007 peaksaver®	Consumer, Business		7 Final		1 Residential Programmable Thermostat	ŀ	0.63		
	2007 peaksaver®	Consumer, Business		7 Final		2 Residential Air Conditioner Switch	ŀ	0.63		
	2007 peaksaver®	Consumer, Business		7 Final		3 Residential Water Heater Switch	ŀ	0.83	-	
		Consumer, Dusiness	200	n inai			L	0.30	0	12

11 2007 peaksaver®	Consumer, Business	2007 Final	4 Commercial Programmable Thermostat	4.00	0	12
11 2007 peaksaver®	Consumer, Business	2007 Final	5 Commercial Air Conditioner Switch	4.00	0	12
11 2007 peaksaver®	Consumer, Business	2007 Final	6 Commercial Water Heater Switch	0.30	0	12
12 2007 Summer Savings	Consumer	2007 Final	1 Household	0.44	787	
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	1 1 - T8 32W w/EL ballast	0.01	30	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	2 2 - T8 32W w/EL ballast	0.02	46	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	3 Air-source Heat Pump - Split	6.08	4,437	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	4 Automated Controls for HVAC	0.00	18,565	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	5 Boiler	0.00	10,000	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	6 Ceiling Fan (common area)	0.00	7	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	7 Ceiling Fan (in-suite)	0.00	7	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	8 Central Air Conditioning System - Single	1.07	807	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	9 Central Air Conditioning System - Shigle	1.94	1,456	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	10 CFL Screw-In 15W - in suite	0.01	1,456	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	11 CFL Screw-In 25W - in suite	0.01	300	14
					139	
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	12 Dimmer Switch	0.00		14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	13 Energy Star Clotheswasher	0.03	287	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	14 Energy Star Dishwasher	0.01	136	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	15 Energy Star Refrigerator	0.01	69	1.
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	16 Flood Light, 26W Fluorescent Fixture	0.01	128	1.
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	17 Front Loading Washing Machine	0.11	1,108	1.
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	18 Furnace	0.02	25	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	19 Furnace with DC Motor	0.03	45	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	20 Ground-source Heat Pump	4.71	3,545	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	21 High Pressure Sodium	0.09	749	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	22 Motion Detector	0.00	209	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	23 Occupancy Sensors	0.00	209	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	24 Other CFL Screw-in Light (please specify)	0.01	383	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	25 Other Exterior Lighting (please specify)	0.01	160	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	26 Other Parking Garage Lighting (please specify)	0.05	442	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	27 Photo Sensors	0.00	292	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	28 Programmable Thermostat	0.01	631	14
13 2007 Affordable Housing – Pilot	Consumer	2007 Final	29 Timer - Outdoor Light	0.00	292	14
13 2007 Affordable Housing - Pilot	Consumer	2007 Final	30 Ventilating Fan (in-suite)	0.00	12	14
14 2007 Social Housing – Pilot	Consumer	2007 Final	1 Custom Retrofit Projects	Custom	Custom	1(
15 2007 Energy Efficiency Assistance for Hous		2007 Final	1 Custom Retrofit Projects	Custom	Custom	19
16 2007 Toronto Comprehensive	Business	2007 Final	1 City of Toronto - Better Building Partnership Pro	Custom	Custom	ļ
16 2007 Toronto Comprehensive	Business	2007 Final	2 Toronto Hydro - Business Incentive Program Pr	Custom	Custom	
16 2007 Toronto Comprehensive	Business	2007 Final	3 Building Owners & Managers Association - Tord	Custom	Custom	
17 2007 Electricity Retrofit Incentive Program		2007 Final	1 Custom Retrofit Projects	Custom	Custom	
18 2007 Demand Response 1	Industrial, Business	2007 Final	1 Voluntary Load Shedding Project	Custom	Custom	
19 2007 Other Demand Response	Industrial, Business	2007 Final	1 Loblaw Contract	Custom	Custom	
19 2007 Other Demand Response	Industrial, Business	2007 Final	2 Rodan Contract	Custom	Custom	
20 2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007 Final	1 Hydro	Custom	Custom	20
20 2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007 Final	2 Wind	Custom	Custom	20
20 2007 Renewable Energy Standard Offer 20 2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007 Final	3 Solar Photo-Voltaic	Custom	Custom	20
20 2007 Renewable Energy Standard Offer	Consumer, Business, Industrial, Low-Income	2007 Final	4 Bio-Energy	Custom	Custom	20
20 2007 Renewable Energy Standard Oner	Consumer, Business, Industrial, Low-Income	2007 Final	4 Bio-Energy	Custom	Custom	20
2008						
21 2008 Great Refrigerator Roundup	Consumer	2008 Preliminary	1 Refrigerator	0.06	745	9
21 2008 Great Refrigerator Roundup	Consumer	2008 Preliminary	2 Freezer	0.06	515	1
21 2008 Great Refrigerator Roundup	Consumer	2008 Preliminary	3 Small Refrigerator	0.04	490	
21 2008 Great Refrigerator Roundup	Consumer	2008 Preliminary	4 Small Freezer	0.04	339	
21 2008 Great Refrigerator Roundup	Consumer	2008 Preliminary	5 Window Air Conditioner	0.24	240	
			1 ENERGY STAR® Central Air Conditioner	0.24	155	1
22 2008 Cool Savings Rebate						
222008 Cool Savings Rebate222008 Cool Savings Rebate	Consumer Consumer	2008 Preliminary 2008 Preliminary	2 Programmable Thermostat	0.04	54	1:

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 &	n 0.04	141	6
25 2008 Every Kilowatt Counts Power Savings	Consumer	2008 Preliminary	2 Energystar room air conditioners - product amr	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		2008 Preliminary	5 CFL Flood Lights (Outdoor)	0.00	77	8
25 2008 Every Kilowatt Counts Power Savings		2008 Preliminary	6 CFL Flood Lights (Indoor)	0.00	44	8
25 2008 Every Kilowatt Counts Power Savings		2008 Preliminary	7 Plugin pool/spa timer	0.97	1,158	15
25 2008 Every Kilowatt Counts Power Savings		2008 Preliminary	8 Furance Filters - purchase of 2	0.01	38	1
25 2008 Every Kilowatt Counts Power Savings		2008 Preliminary	9 Programmable Thermostats - Baseboard	0.00	30	15
25 2008 Every Kilowatt Counts Power Savings		2008 Preliminary	10 Power Bar with Timer	0.01	72	10
25 2008 Every Kilowatt Counts Power Savings		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 Sig		59	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	2 Agribusiness ENERGY STAR® Rated CFLs, S		101	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	3 Agribusiness ENERGY STAR® Rated CFLs, H		101	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	4 Agribusiness Standard Performance T8, Single		43	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	5 Agribusiness Standard Performance T8, Doubl		60	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	6 Agribusiness Standard Performance T8, Triple		103	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	7 Agribusiness Standard Performance T8, Quad		114	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	8 Agribusiness High Performance T8 (Consortiur		48	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	9 Agribusiness High Performance T8 (Consortiur		67	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	10 Agribusiness High Performance T8 (Consortiur		103	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	11 Agribusiness High Performance T8 (Consortiur		121	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	12 Agribusiness T5 Fixtures, T5 fixture with 1, 2, c		59	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	13 Agribusiness T5 Fixtures, High Bay T5. Maxim		75	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	14 Agribusiness Metal Halide, 320 W Ceramic pul		410	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	15 Agribusiness Occupancy Sensors, Switch plate		91	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	16 Agribusiness Occupancy Sensors, Ceiling mou		91	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	17 Agribusiness Creep Heat Pads, up to 100W ma		171	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	18 Agribusiness Creep Heat Pads, up to 200W ma		342	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	19 Agribusiness High Temperature Cutout Thermo		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 Exha		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 (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		101	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	26 Lighting System ENERGY STAR® Rated CFLs		101	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	27 Lighting System Standard Performance T8, Sir		43	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	28 Lighting System Standard Performance T8, Do		60	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	29 Lighting System Standard Performance T8, Tri		103	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	30 Lighting System Standard Performance T8, Qu		103	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	31 Lighting System High Performance T8 (Consor		48	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	32 Lighting System High Performance T8 (Consor		67	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	33 Lighting System High Performance T8 (Consor		103	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	34 Lighting System High Performance T8 (Consor		103	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	35 Lighting System T5 Fixtures, T5 fixture with 1,		59	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	36 Lighting System T5 Fixtures, High Bay T5. Ma		75	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	37 Lighting System Metal Halide, 320 W Ceramic		410	20
27 2008 Electricity Retrofit Incentive	Business	2008 Preliminary	38 Lighting System Occupancy Sensors, Switch p		91	20
	20011000	2000 riemininary	soleigning oystem occupancy densors, dwitch p	1 0.04	31	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		Preliminary	40 Motor Open Drip-Proof (ODP), 1 HP	0.02	46	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	41 Motor Open Drip-Proof (ODP), 1.5 HP	0.03	68	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	42 Motor Open Drip-Proof (ODP), 2 HP	0.04	91	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	43 Motor Open Drip-Proof (ODP), 3 HP	0.07	160	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	44 Motor Open Drip-Proof (ODP), 5 HP	0.07	160	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	45 Motor Open Drip-Proof (ODP), 7.5 HP	0.13	296	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	46 Motor Open Drip-Proof (ODP), 10 HP	0.15	342	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	47 Motor Open Drip-Proof (ODP), 15 HP	0.10	456	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	48 Motor Open Drip-Proof (ODP), 20 HP	0.26	593	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	49 Motor Open Drip-Proof (ODP), 25 HP	0.31	707	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	50 Motor Open Drip-Proof (ODP), 30 HP	0.33	752	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	51 Motor Open Drip-Proof (ODP), 40 HP	0.28	638	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	52 Motor Open Drip-Proof (ODP), 50 HP	0.20	1.094	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	53 Motor Open Drip-Proof (ODP), 60 HP	0.53	1,094	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	54 Motor Open Drip-Proof (ODP), 75 HP	0.33	958	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	55 Motor Open Drip-Proof (ODP), 100 HP	0.42	1,847	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	56 Motor Open Drip-Proof (ODP), 125 HP	0.70	1,596	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	57 Motor Open Drip-Proof (ODP), 150 HP	0.70	1,687	20
27 2008 Electricity Retrofit Incentive	Business		Preliminary	58 Motor Open Drip-Proof (ODP), 200 HP	0.74	2,234	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	59 Motor Totally Enclosed Fan-Cooled (TEFC), 1	0.98 H 0.02	2,234	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	60 Motor Totally Enclosed Fan-Cooled (TEFC), 1	.5 0.03	40	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	61 Motor Totally Enclosed Fan-Cooled (TEFC), 1		91	
			Preliminary	62 Motor Totally Enclosed Fan-Cooled (TEFC), 3		91	
27 2008 Electricity Retrofit Incentive 27 2008 Electricity Retrofit Incentive	Business		Preliminary			160	
	Business		Preliminary	63 Motor Totally Enclosed Fan-Cooled (TEFC), 5 64 Motor Totally Enclosed Fan-Cooled (TEFC), 7		251	20
27 2008 Electricity Retrofit Incentive 27 2008 Electricity Retrofit Incentive	Business		Preliminary	65 Motor Totally Enclosed Fan-Cooled (TEFC), 7		342	
27 2008 Electricity Retrofit Incentive	Business Business		Preliminary	66 Motor Totally Enclosed Fan-Cooled (TEFC), 1		342	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	67 Motor Totally Enclosed Fan-Cooled (TEFC), 1		593	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	68 Motor Totally Enclosed Fan-Cooled (TEFC), 2		433	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	69 Motor Totally Enclosed Fan-Cooled (TEFC), 2		524	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	70 Motor Totally Enclosed Fan-Cooled (TEFC), 4		638	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	71 Motor Totally Enclosed Fan-Cooled (TEFC), 5		1,094	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	72 Motor Totally Enclosed Fan-Cooled (TEFC), 6		1,094	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	73 Motor Totally Enclosed Fan-Cooled (TEFC), 7		1,208	20
27 2008 Electricity Retrofit Incentive	Business		Preliminary	74 Motor Totally Enclosed Fan-Cooled (TEFC), 1		1,391	20
27 2008 Electricity Retrofit Incentive	Business		Preliminary	75 Motor Totally Enclosed Fan-Cooled (TEFC), 1		1,596	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	76 Motor Totally Enclosed Fan-Cooled (TEFC), 1		1,590	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	77 Motor Totally Enclosed Fan-Cooled (TEFC), 2		3,352	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	78 Transformer Size 15	0.15	345	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	79 Transformer Size 30	0.13	523	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	80 Transformer Size 45	0.23	546	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	81 Transformer Size 75	0.24		20
27 2008 Electricity Retrofit Incentive	Business		Preliminary	82 Transformer Size 112.5	0.35	1,012	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	83 Transformer Size 150	0.44	1,012	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	83 Transformer Size 225	0.39	1,147	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	85 Transformer Size 300	0.50	1,147	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	86 Transformer Size 500	0.83	1,143	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	87 Transformer Size 750	0.83	1,902	
27 2008 Electricity Retrofit Incentive	Business		Preliminary	88 Transformer Size 1000	1.11	2,523	
27 2008 Electricity Retroit Incentive	Business		Preliminary	89 Unitary AC Single Phase <= 5.4 Tons	0.05	2,523	
27 2008 Electricity Retroit Incentive	Business		Preliminary	90 Unitary AC 3 Phase <= 5.4 Tons	0.05	119	
27 2008 Electricity Retroit Incentive	Business		Preliminary	90 Unitary AC 3 Phase <= 5.4 Tons 91 Unitary AC >5.4 & <= 11.25 tons	0.05	287	
27 2008 Electricity Retroit Incentive	Business		Preliminary	92 Unitary AC >5.4 & <= 11.25 tons 92 Unitary AC >11.25 & <= 20 tons	0.13	408	
27 2008 Electricity Retroit Incentive	Business		Preliminary	93 Unitary AC 25 tons	1.00	2.280	20
27 2008 Electricity Retront Incentive	Business		Preliminary	93 Unitary AC 25 tons 94 Custom	Custom	Custom	20
27 2008 Electricity Retront Incentive 28 2008 Toronto Comprehensive	Business		Preliminary	1 City of Toronto - Better Building Partnership P		Custom	20
	DUSIIIG22	2008	rienninary	Partnership P	ustom	Custom	20

28	2008 Toronto Comprehensive	Business	2008 Preliminary	Г	2 Toronto Hydro - Business Incentive Program F	r Custom	Custom	20
	2008 Toronto Comprehensive	Business	2008 Preliminary		3 Building Owners & Managers Association - To		Custom	20
	2008 High Performance New Construction	Business	2008 Preliminary		1 Custom New Construction Project	Custom	Custom	15
	2008 Power Savings Blitz	Business	2008 Preliminary		1 1 Lamp - 8' T12 w/ 75W Magnetic Ballasts to 2	0.02	146	16
	2008 Power Savings Blitz	Business	2008 Preliminary		2 1 Lamp - 8' T12 w/ 75W Magnetic Ballasts to 1	0.02	146	16
	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		284	16
	2008 Power Savings Blitz	Business	2008 Preliminary		5 2 Lamps - 8' T12 w/ 75W Magnetic Ballasts to		497	16
	2008 Power Savings Blitz	Business	2008 Preliminary		6 2 Lamps - 8' T12 w/ 60W Magnetic Ballasts to		288	16
	2008 Power Savings Blitz	Business	2008 Preliminary		7 2 Lamps - 8' T12 w/ 60W Magnetic Ballasts to		504	16
	2008 Power Savings Blitz	Business	2008 Preliminary		8 1 Lamp - 4' T12 w/ 40W Magnetic Ballasts to 1	0.01	84	16
	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
	2008 Power Savings Blitz	Business	2008 Preliminary		11 4 Lamps - 4' T12 w/ 40W Magnetic Ballasts to		468	16
	2008 Power Savings Blitz	Business	2008 Preliminary		12 4 Lamps - 4' T12 w/ 40W Magnetic Ballasts to	4 0.03	252	16
	2008 Power Savings Blitz	Business	2008 Preliminary		13 1 Lamp - 4' T12 w/ 34W Magnetic Ballasts to 1	0.01	72	16
	2008 Power Savings Blitz	Business	2008 Preliminary		14 2 Lamps - 4' T12 w/ 34W Magnetic Ballasts to	1 0.03	192	16
	2008 Power Savings Blitz	Business	2008 Preliminary		15 2 Lamps - 4' T12 w/ 34W Magnetic Ballasts to		80	16
	2008 Power Savings Blitz	Business	2008 Preliminary		16 4 Lamps - 4' T12 w/ 34W Magnetic Ballasts to		392	16
	2008 Power Savings Blitz	Business	2008 Preliminary		17 4 Lamps - 4' T12 w/ 34W Magnetic Ballasts to		176	16
	2008 Power Savings Blitz	Business	2008 Preliminary		18 2 Lamps - U-Shaped w/ 40W Magnetic Ballast		120	16
	2008 Power Savings Blitz	Business	2008 Preliminary		19 2 Lamps - U-Shaped w/ 40W Magnetic Ballast		72	16
	2008 Power Savings Blitz	Business	2008 Preliminary		20 2 Lamps - U-Shaped w/ 34W Magnetic Ballast		220	16
	2008 Power Savings Blitz	Business	2008 Preliminary		21 2 Lamps - U-Shaped w/ 34W Magnetic Ballast		172	16
	2008 Power Savings Blitz	Business	2008 Preliminary		22 2 Lamps - 15W Incadescent Exit Sign to ENER		236	25
	2008 Power Savings Blitz	Business	2008 Preliminary		23 2 Lamps - 15W Incadescent Exit Sign to Entire		236	25
	2008 Power Savings Blitz	Business	2008 Preliminary		24 40W Standard Incandescent (A Lamp) to 11W		116	8
	2008 Power Savings Blitz	Business	2008 Preliminary		25 60W Standard Incandescent (A Lamp) to 13W		188	8
	2008 Power Savings Blitz	Business	2008 Preliminary		26 100W Standard Incandescent (A Lamp) to 23V		308	8
	2008 Power Savings Blitz	Business	2008 Preliminary		27 150W Standard Incandescent (A Lamp) to 28		488	8
	2008 Power Savings Blitz	Business	2008 Preliminary		28 60W PAR38/30 Flood or Spot Recessed Light		180	8
	2008 Power Savings Blitz	Business	2008 Preliminary		29 75W PAR38/30 Flood or Spot Recessed Light		228	8
	2008 Power Savings Blitz	Business	2008 Preliminary		30 100W PAR38/30 Flood or Spot Recessed Ligh		296	8
	2008 Power Savings Blitz	Business	2008 Preliminary		31 40 - 60W Standard Incandescent PAR Lights	0.02	180	8
	2008 Power Savings Blitz	Business	2008 Preliminary		32 40 - 60W Standard Halogen PAR Lights - Tra		112	8
30	2008 Power Savings Blitz	Business	2008 Preliminary		33 75W Standard Incandescent PAR Lights - Tra	0.03	228	8
	2008 Power Savings Blitz	Business	2008 Preliminary		34 75W Standard Incandescent PAR Lights - Tra		100	8
	2008 Power Savings Blitz	Business	2008 Preliminary		35 90 Watt Halogen PAR Lights - Track Lighting of		248	8
	2008 Power Savings Blitz	Business	2008 Preliminary		36 90 Watt Halogen PAR Lights - Track Lighting of		120	8
	2008 Power Savings Blitz	Business	2008 Preliminary		37 100W Standard Incandescent or Greater PAR		296	8
	2008 Power Savings Blitz	Business	2008 Preliminary		38 100W Standard Incandescent or Greater PAR		100	8
	2008 Power Savings Blitz	Business	2008 Preliminary		39 No Insulation Jacket (119 Gal) to Insulation Ja		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
	2008 Power Savings Blitz	Business	2008 Preliminary		42 No Insulation Jacket (50 Gal) to Insulation Jac		0	6
	2008 Power Savings Blitz	Business	2008 Preliminary		43 No Insulation Jacket (40 Gal) to Insulation Jac		0	6
	2008 Power Savings Blitz	Business	2008 Preliminary		44 No Insulation Jacket (30 Gal) to Insulation Jac		0	6
	2008 Power Savings Blitz	Business	2008 Preliminary		45 No Insulation Jacket (20 Gal) to Insulation Jac		0	6
30	2008 Power Savings Blitz	Business	2008 Preliminary		46 No Insulation Jacket (12 Gal) to Insulation Jac	< 0.00	0	6
	2008 Power Savings Blitz	Business	2008 Preliminary		47 No Pipe insulation to Pipe insulation (10 ft flex	b 0.00	0	6
	2008 Power Savings Blitz	Business	2008 Preliminary		48 Aerator (Average 2.75gpm) to Aerator (Average		0	10
	2008 Power Savings Blitz	Business	2008 Preliminary		49 Authorized Contractor Program (ACP) - Work		0	0
	2008 Power Savings Blitz	Business	2008 Preliminary		50 Authorized Contractor Program (ACP) - Work		0	0
	2008 Power Savings Blitz	Business	2008 Preliminary		51 Authorized Contractor Program (ACP) - Work		0	0
	2008 Power Savings Blitz	Business	2008 Preliminary		52 Contractor (Non-Classified Locations) - First 1		0	0
	2008 Power Savings Blitz	Business	2008 Preliminary		53 Contractor (Non-Classified Locations) - Each a		0	0
	2008 Power Savings Blitz	Business	2008 Preliminary		54 4 Lamps - 8' T12 w/ 75W Magnetic Ballasts to		553	16
	ono. caringo bitt		2000 Frommary	L		0.00	000	

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

55 Contracto	r (Non-Classified Locations) - Mini	mui	0.00		0		0
1 Mixed Us	e Facility		TBD	TBD		TBD	
2 University	/ Campus		TBD	TBD		TBD	
3 Hospital			TBD	TBD		TBD	
4 Commerce	cial Office Tower		TBD	TBD		TBD	
5 Industrial	Manufacturing Facility		TBD	TBD		TBD	
6 City Gove	ernment Central Utilities Plant		TBD	TBD		TBD	
7 Hotel			TBD	TBD		TBD	
1 Voluntary	Load Shedding Project		Custom	Custom			1
1 Contractu	al Load Shedding Project		Custom	Custom			1
1 Loblaw C	ontract		Custom	Custom			1
2 Rodan Co	ontract		Custom	Custom			1
1 Hydro On	e Networks - Double Return - Distr	ibu	130.77		0		1
2 Hydro On	e Networks - Double Return - Tran	sm	8,100.00		0		1
1 Hydro			Custom	Custom			20
2 Wind			Custom	Custom			20
3 Solar Pho	oto-Voltaic		Custom	Custom			20
4 Bio-Energ	у		Custom	Custom			20
1 Combined	d Heat & Power / By-Product		Custom	Custom			20

		Net-to-Gross A	Provincial	LDC Total (#			
Free Rider (#1)	Spill Over (#2)	Exclusions (#3)	Part Use (#4)	Other (#5)	Aggregate (#6)	Total (# Units)	Units)
	•		•	•			

90%	100%	100%	100%	100%	90%	1,338,276	2,638
90%	100%	100%	100%	100%	90%	37,518	74
90%	100%	100%	100%	100%	90%	16,320	32
90%	100%	100%	100%	100%	90%	12,415	24
90%	100%	100%	100%	100%	90%	14,393	28
90%	100%	100%	100%	100%	90%	10,965	22
90%	100%	100%	100%	100%	90%	9,816	19
90%	100%	100%	100%	100%	90%	5,018	10
90%	100%	100%	100%	100%	90%	217	0
90%	100%	100%	100%	100%	90%	1,984,267	3,912
90%	100%	100%	100%	100%	90%	477,612	942
90%	100%	100%	100%	100%	90%	31,484	62
90%	100%	100%	100%	100%	90%	0	49
90%	100%	100%	100%	100%	90%	0	18
90%	100%	100%	100%	100%	90%	1,875	4
100%	100%	100%	100%	100%	100%	6	0

100%	100%	100%	100%	100%	100%	0	0
							1
48%	100%	100%	81%	100%	39%	37,123	
50%	100%	100%	91%	100%	46%	10,652	
38%	100%	100%	79%	100%	30%	581	2
38%	100%	100%	79%	100%	30%	325	
43%	100%	100%	100%	100%	43%	758	
52%	5%	100%	100%	100%	57%	33,178	
46%	0%	60%	100%	100%	27%	46,989	
54%	5%	100%	100%	100%	59%	51,990	
42%	0%	38%	100%	100%	16%	28,048	55
100%	100%	100%	100%	100%	100%	21,997	0
78%	100%	100%	100%	100%	78%	2,376,053	4,633
78%	100%	100%	100%	100%	78%	386,799	
76%	100%	100%	100%	100%	76%	500,000	975
55%	100%	100%	100%	100%	55%	19,166	
55%	100%	100%	100%	100%	55%	77,226	151
13%	100%	100%	100%	100%	13%	305,048	595
55%	100%	100%	100%	100%	55%	30,516	
55%	100%	100%	100%	100%	55%	19,390	
55%	100%	100%	100%	100%	55%	9,229	18
49%	100%	100%	100%	100%	49%	629,498	1,227
77%	100%	100%	100%	100%	77%	18,088	
55%	100%	100%	100%	100%	55%	18,633	36
77%	100%	100%	100%	100%	77%	8,442	16
55%	100%	100%	100%	100%	55%	97,742	
90%	100%	100%	100%	100%	90%	12,360	132
90%	100%	100%	100%	100%	90%	3,733	
90%	100%	100%	100%	100%	90%	10,364	0

90%	100%	100%	100%	100%	90%	167	0
90%	100%	100%	100%	100%	90%	221	0
90%	100%	100%	100%	100%	90%	9	
12%	100%	100%	100%	100%	12%	858,039	1,954
100%	100%	100%	100%	100%	100%	174	0
100%	100%	100%	100%	100%	100%	328	0
100%	100%	100%	100%	100%	100%	4	-
100%	100%	100%	100%	100%	100%	154	
100%	100%	100%	100%	100%	100%	78	0
100%	100%	100%	100%	100%	100%	11	0
100%	100%	100%	100%	100%	100%	12	0
100%	100%	100%	100%	100%	100%	75	0
100%	100%	100%	100%	100%	100%	15	0
100%	100%	100%	100%	100%	100%	920	0
100%	100%	100%	100%	100%	100%	143	
100%	100%	100%	100%	100%	100%	68	0
100%	100%	100%	100%	100%	100%	23	0
100%	100%	100%	100%	100%	100%	2	
100%	100%	100%	100%	100%	100%	448	
100%	100%	100%	100%	100%	100%	30	0
100%	100%	100%	100%	100%	100%	43	
100%	100%	100%	100%	100%	100%	36	0
100%	100%	100%	100%	100%	100%	5	
100%	100%	100%	100%	100%	100%	26	0
100%	100%	100%	100%	100%	100%	10	0
100%	100%	100%	100%	100%	100%	35	0
100%	100%	100%	100%	100%	100%	163	0
100%	100%	100%	100%	100%	100%	1,902	
100%	100%	100%	100%	100%	100%	34	0
100%	100%	100%	100%	100%	100%	104	0
100%	100%	100%	100%	100%	100%	6	
100%	100%	100%	100%	100%	100%	57	0
100%	100%	100%	100%	100%	100%	19	0
100%	100%	100%	100%	100%	100%	48	
100%	100%	100%	100%	100%	100%	9,680	
100%	100%	100%	100%	100%	100%	544	
90%	100%	100%	100%	100%	90%	0	
90%	100%	100%	100%	100%	90%	24	-
90%	100%	100%	100%	100%	90%	12	0
90%	100%	100%	100%	100%	90%	n/a	n/a
100%	100%	100%	100%	100%	100%	16	0
100%	100%	100%	100%	100%	100%	n/a	n/a
100%	100%	100%	100%	100%	100%	n/a	n/a
100%	100%	100%	100%	100%	100%	4	
100%	100%	100%	100%	100%	100%	3	
100%	100%	100%	100%	100%	100%	72	
100%	100%	100%	100%	100%	100%	2	0
56%	100%	100%	81%	100%	45%	62,327	178
==0(1000/		040/		= 0.07		

56% 100% 100% 81% 100% 45% 62,327 178 55% 100% 100% 91% 100% 50% 18,176 52 38% 100% 100% 79% 100% 30% 299 0 38% 100% 100% 79% 100% 30% 175 1 43% 100% 100% 100% 43% 1,587 3 52% 5% 100% 100% 57% 21,537 42 46% 0% 60% 100% 27% 27,493 54								
38% 100% 100% 79% 100% 30% 299 0 38% 100% 100% 79% 100% 30% 175 1 43% 100% 100% 100% 43% 1,587 3 52% 5% 100% 100% 57% 21,537 42 46% 0% 60% 100% 100% 27% 27,493 54	56%	100%	100%	81%	100%	45%	62,327	178
38% 100% 100% 79% 100% 30% 175 1 43% 100% 100% 100% 43% 1,587 3 52% 5% 100% 100% 57% 21,537 42 46% 0% 60% 100% 100% 27% 27,493 54	55%	100%	100%	91%	100%	50%	18,176	52
43% 100% 100% 100% 43% 1,587 3 52% 5% 100% 100% 57% 21,537 42 46% 0% 60% 100% 100% 27% 27,493 54	38%	100%	100%	79%	100%	30%	299	0
52% 5% 100% 100% 57% 21,537 42 46% 0% 60% 100% 100% 27% 27,493 54	38%	100%	100%	79%	100%	30%	175	1
46% 0% 60% 100% 100% 27% 27,493 54	43%	100%	100%	100%	100%	43%	1,587	3
	52%	5%	100%	100%	100%	57%	21,537	42
	46%	0%	60%	100%	100%	27%	27,493	54
54% 5% 100% 100% 59% 32,113 63	54%	5%	100%	100%	100%	59%	32,113	63

4000/	4000/	1000/	1000/	1000/	1000/		0
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 17
70%	100%	100%	100%	100%	70%	8,630	17 163
90%	100%	100%	100%	100%	90%	28,831	
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
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% 70%	100% 100%	100% 100%	100% 100%	<u>100%</u> 100%	70% 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
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
1070	10078	10070	100 /0	100 /0	10/0	000	0

70%	100%	100%	100%	100%	70%	2,712	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	2	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	15	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	15	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	4	0
70%	100%	100%	100%	100%	70%	164	0
70%	100%	100%	100%	100%	70%	2	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	3	0
70%	100%	100%	100%	100%	70%	2	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	3	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	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
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
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
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	26	0
70%	100%	100%	100%	100%	70%	6	0
70%	100%	100%	100%	100%	70%	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
70%	100%	100%	100%	100%	70%	54	0
70%	100%	100%	100%	100%	70%	79	0
70%	100%	100%	100%	100%	70%	292	0
70%	100%	100%	100%	100%	70%	166	0
70%	100%	100%	100%	100%	70%	83	0
70%	100%	100%	100%	100%	70%	214	0
70%	100%	100%	100%	100%	70%	214	0
10%	100%	100%	100%	100%	10%	2	0

70%	100%	100%	100%	100%	70%	4	0
70%	100%	100%	100%	100%	70%	40	0
70%	100%	100%	100%	100%	70%	2	0
70%	100%	100%	100%	100%	70%	8	0
70%	100%	100%	100%	100%	70%	162	0
70%	100%	100%	100%	100%	70%	54	0
70%	100%	100%	100%	100%	70%	1,071	0
70%	100%	100%	100%	100%	70%	737	0
70%	100%	100%	100%	100%	70%	605	0
70%	100%	100%	100%	100%	70%	286	0
70%	100%	100%	100%	100%	70%	397	0
70%	100%	100%	100%	100%	70%	77	0
70%	100%	100%	100%	100%	70%	943	0
70%	100%	100%	100%	100%	70%	198	0
70%	100%	100%	100%	100%	70%	1,858	0
70%	100%	100%	100%	100%	70%	131	0
70%	100%				70%		
70%	100%	100% 100%	100% 100%	100% 100%	70%	686 3,398	0
		100%			70%		0
70% 70%	100%	100%	100% 100%	100% 100%	70%	3,224 3,857	0
70%	100%	100%	100%	100%	70%	<u> </u>	0
-							
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	27	0
70%	100%	100%	100%	100%	70%	0	
70%	100%	100%	100%	100%	70%	184	0
70%	100%	100%	100%	100%	70%	103	0
70%	100%	100%	100%	100%	70%	91	0
70%	100%	100%	100%	100% 100%	70% 70%	1,137 137	0
70%	100%	100%	100%			_	0
70% 70%	100% 100%	100% 100%	100% 100%	100% 100%	70% 70%	20 346	0
70%	100%	100%	100%	100%	70%	340	0
70%	100%	100%	100%	100%	70%	457	0
70%	100%	100%	100%	100%	70%	328	0
70%	100%	100%	100%	100%	70%	136	0
70%	100%	100%	100%	100%	70%	96	0
70%	100%	100%	100%	100%	70%	96 75	0
-	100%		100%	100%	70%	-	
70%		100%				36	0
70% 70%	100%	100% 100%	100% 100%	100% 100%	70% 70%	0 64	0
70%	100%	100%	100%	100%	70%	64	0
70%	100%		100%	100%	70% 70%	4	0
70%	100%	100% 100%	100%	100%	70%	16	0
70%	100%		100%	100%		0	0
	100%	100%			70%		
70% 70%	100%	100% 100%	100% 100%	100% 100%	70% 70%	0	0
70%	100%	100%	100%	100%	70%	0	0
70%					70%	-	
70%	100% 100%	100% 100%	100% 100%	100% 100%	70%	0	0
70%	100%	100%	100%	100%	70%	35	0
70%	100%	100%	100%	100%	70%	<u> </u>	0
70%	100%	100%	100%	100%	70%	12	0
70%	100%	100%	100%	100%	70%	430	0
70%	100%	100%	100%	100%	70%	430	0
70%	100%	100%	100%	100%	70%	413	0
70%	100%	100%	100%	100%	70%	413	0
70%	100%	100%	100%	100%	70%	445	0
10%	100%	100%	100%	100%	10%	109	0

70%	100%	100%	100%	100%	70%	464	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	3	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	0	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	1	0
70%	100%	100%	100%	100%	70%	13	0
100%	100%	100%	100%	100%	100%	10	0
100%	100%	100%	100%	100%	100%	n/a	n/a
100%	100%	100%	100%	100%	100%	n/a	n/a
100%	100%	100%	100%	100%	100%	117	0
100%	100%	100%	100%	100%	100%	3	0
100%	100%	100%	100%	100%	100%	0	0
100%	100%	100%	100%	100%	100%	7	0
100%	100%	100%	100%	100%	100%	116	0
100%	100%	100%	100%	100%	100%	2	0
100%	100%	100%	100%	100%	100%	2	0

# Local Distribution Company	2006 Residential Peak Load (kW)	2006 Residential Peak Load (%)	Residential Energy	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		n/a	n/a	34,099,588	
2 Attawapiskat First Nation	n/a	n/a	, ,	0.00%		n/a		0.00%
3 Attawapiskat Power Corporation	n/a	n/a		0.00%		n/a		0.00%
4 Barrie Hydro Distribution Inc.	n/a	n/a	530,557,254			n/a	937,360,428	1.20%
5 Bluewater Power Distribution Corporation	n/a	n/a	261,470,152			n/a	842,737,021	
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		n/a	n/a	680,671,928	0.87%
8 Burlington Hydro Inc.	n/a	n/a	551,419,663		n/a	n/a	1,182,280,000	
9 COLLUS Power Corp.	n/a	n/a	110,110,859			n/a	225,767,061	
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		n/a	n/a	215,257,881	0.27%
12 Centre Wellington Hydro Ltd.	n/a	n/a	44,421,203		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			n/a	5,883,572	
16 Cooperative Hydro Embrun Inc.	n/a	n/a	19,799,972		n/a	n/a	9,670,245	
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	104,680,214	
19 Dutton Hydro Limited	n/a	n/a	409,958	0.00%	n/a	n/a	244,729,136	
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		n/a	n/a	6,490,116,773	
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		n/a	n/a	102,068,591	
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			n/a	271,457,391	
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		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			n/a	143,819,890	
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	20,001,100	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	0.00%
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	108,206,276	0.20%	n/a	n/a	209,218,547	0.21%
68 Oshawa PUC Networks Inc.	n/a	n/a	465,431,095	1.16%	n/a	n/a	632,361,055	0.21 %
69 Ottawa River Power Corporation		n/a	75,536,829	0.19%	n/a	n/a	116,088,912	0.01%
70 PUC Distribution Inc.		n/a	335,395,539	0.83%	n/a	n/a	353,865,433	0.15%
71 Parry Sound Power Corporation		n/a	33,103,725	0.08%	n/a	n/a	51,649,272	0.43%
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	63,748,755	0.12%	n/a	n/a	131,007,820	0.03%
74 PowerStream Inc.		n/a	2,003,371,840	4.98%	n/a	n/a	4,700,083,921	6.00%
75 Renfrew Hydro Inc.		n/a	30,640,237	0.08%	n/a	n/a	65,574,034	0.00%
76 Rideau St. Lawrence Distribution Inc.		n/a	44,343,815	0.08%	n/a	n/a	22,573,648	0.08%
77 Sioux Lookout Hydro Inc.		n/a	31,452,628	0.08%	n/a	n/a	60,136,389	0.03%
78 St. Thomas Energy Inc.		n/a	113,523,979	0.28%	n/a	n/a	250,600,744	0.08%
79 Thunder Bay Hydro Electricity Distribution Inc.		n/a	346,415,246	0.28%	n/a	n/a	681,186,819	0.32 %
80 Tillsonburg Hydro Inc.		n/a	52,306,081	0.13%	n/a	n/a	175,367,100	0.87%
81 Toronto Hydro-Electric System Limited			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	25.61%
83 Wasaga Distribution Inc.			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	0.18%	n/a n/a	n/a	922,560,313	1.18%
· · · · · · · · · · · · · · · · · · ·	n/a	n/a		0.97%			314,737,340	0.40%
85 Welland Hydro-Electric System Corp.	n/a	n/a	169,952,289		n/a	n/a		
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	007.040.004	0.00%	n/a	n/a	0.40 507 000	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	2007		2007	2007 Non-	2007 Non-	2007 Non-	2007 Non-	2008	2008	2008	2008
Residential	Residential		Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential
Peak Load	Peak Load		Energy	Peak Load	Peak Load	Energy	Energy	Peak Load	Peak Load	Energy	Energy
(kW)	(%)	Throughput	Throughput	(kW)	(%)	Throughput	Throughput	(kW)	(%)	Throughput	Throughput
		(kWh)	(%)			(kWh)	(%)			(kWh)	(%)
n/a	n/a	11,858,778		n/a	n/a	31,082,191	0.04%		n/a	n/a	n/a
n/a	n/a		0.00%		n/a		0.00%		n/a	n/a	n/a
n/a	n/a		0.00%		n/a		0.00%		n/a	n/a	n/a
n/a	n/a	548,016,272			n/a	940,740,837	1.14%		n/a	n/a	n/a
n/a	n/a	264,836,003			n/a	855,922,144			n/a	n/a	n/a
n/a	n/a	81,004,255			n/a	207,717,221	0.25%		n/a	n/a	n/a
n/a	n/a	298,531,289			n/a	741,598,484			n/a	n/a	n/a
n/a	n/a	567,063,035		n/a	n/a	1,199,736,238			n/a	n/a	n/a
n/a	n/a	113,589,579	0.28%		n/a	215,072,148			n/a	n/a	n/a
n/a	n/a	395,062,443	0.96%		n/a	1,165,105,313			n/a	n/a	n/a
n/a	n/a	143,862,348			n/a	215,810,521	0.26%		n/a	n/a	n/a
n/a	n/a	46,699,194			n/a	111,831,932			n/a	n/a	n/a
n/a	n/a	15,018,918			n/a	13,186,691	0.02%		n/a	n/a	n/a
n/a	n/a	236,072,777			n/a	601,416,856			n/a	n/a	n/a
n/a	n/a	12,522,951	0.03%		n/a	18,085,796			n/a	n/a	n/a
n/a	n/a	19,386,628			n/a	9,298,043	0.01%		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		0.00%		n/a		0.00%		n/a	n/a	n/a
n/a	n/a	04 474 770	0.00%		n/a	400 704 707	0.00%		n/a	n/a	n/a
n/a	n/a	94,171,770			n/a	160,761,797	0.19%		n/a	n/a	n/a
n/a n/a	n/a	664,998,752			n/a n/a	1,903,884,798 6,605,288,225	8.00%	n/a	n/a n/a	n/a	n/a n/a
n/a n/a	n/a n/a	1,632,816,129 116,256,740		n/a	n/a n/a	291,852,488			n/a n/a	n/a n/a	n/a n/a
n/a	n/a	32,040,530			n/a	31,021,479			n/a	n/a	n/a
n/a	n/a	280,966,066			n/a	279,180,331	0.04%		n/a	n/a	n/a
n/a	n/a	143,658,315			n/a	468,128,577	0.57%		n/a	n/a	n/a
n/a	n/a	143,030,313	0.00%		n/a	400,120,377	0.00%		n/a	n/a	n/a
n/a	n/a		0.00%		n/a		0.00%		n/a	n/a	n/a
n/a	n/a	39,011,690			n/a	43,615,480			n/a	n/a	n/a
n/a	n/a	5,786,652			n/a	3,568,735			n/a	n/a	n/a
n/a	n/a	92,360,867	0.22%		n/a	109,854,997	0.13%		n/a	n/a	n/a
n/a	n/a	405,736,204	0.99%		n/a	543,747,565			n/a	n/a	n/a
n/a	n/a	86,770,666			n/a	88,449,813	0.11%		n/a	n/a	n/a
n/a	n/a	358,331,164	0.87%		n/a	1,269,317,570			n/a	n/a	n/a
n/a	n/a	173,795,327	0.42%		n/a	183,754,191	0.22%		n/a	n/a	n/a
n/a	n/a	208,287,499			n/a	311,739,725			n/a	n/a	n/a
n/a	n/a	28,317,089			n/a	82,118,980			n/a	n/a	n/a
n/a	n/a	1,666,789,557	4.06%		n/a	4,575,455,672			n/a	n/a	n/a
n/a	n/a	15,036,848			n/a	9,877,930			n/a	n/a	n/a
n/a	n/a	56,403,314	0.14%		n/a	145,226,883	0.18%		n/a	n/a	n/a
n/a	n/a	1,141,600,000			n/a	2,798,700,000			n/a	n/a	n/a
n/a	n/a	12,620,681,000			n/a	10,298,799,000			n/a	n/a	n/a
n/a	n/a		0.00%		n/a		0.00%		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	0.19%	n/a	n/a	954,721,743	1.16%	n/a	n/a	n/a	n/a
n/a	n/a	162,857,785	0.99%	n/a	n/a	300,569,977	0.36%	n/a	n/a	n/a	n/a
n/a	n/a	25.027.983	0.40%	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	0.08%	n/a	n/a	n/a	n/a
		15,466,784	0.06%			46,047,710	0.14%	n/a n/a			
n/a n/a	n/a	213,039,032	0.04%	n/a n/a	n/a	246,987,034	0.06%	n/a n/a	n/a	n/a	n/a
	n/a		0.52%		n/a	1 1			n/a	n/a	n/a
n/a	n/a	347,926,496		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

2008 Non- Residential Peak Load (kW)	2008 Non- Residential Peak Load (%)	2008 Non- Residential Energy Throughput (kWh)	2008 Non- Residential Energy Throughput (%)
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a n/a	n/a
n/a	n/a		
		n/a	n/a
n/a	n/a n/a	n/a n/a	n/a n/a
n/a			

n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a
n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a
n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a
n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a
n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a
	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a
n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a
n/a	n/a n/a	n/a n/a	n/a n/a
n/a	n/a	n/a	n/a
n/a			
n/a		1	1 /
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a
n/a n/a	n/a n/a	n/a n/a	n/a n/a