



Ontario Power Authority Conservation & Demand Management Status Report Q3 2013 Preliminary Results Update Niagara-on-the-Lake Hydro Inc.

Unverified OPA-Contracted Province-Wide CDM Program Progress at a Glance

Unverified Progress to Targets	Incremental Q3 2013	Program-to-Date Progress Towards OEB Target				Rank (of 76)
		Scenario 1		Scenario 2		
		Savings	%	Savings	%	Scenario 2
Net Peak Demand Savings (MW)	0.2	0.5	21%	0.7	29%	35
Net Energy Savings (GWh)	0.1	7.5	91%	7.5	91%	12

Program-to-Date towards Target: Combination of verified (2011-12) and unverified (2013) results. To align with savings counted towards OEB targets, peak demand is represented by annual savings in 2014 and energy is represented by the cumulative savings from 2011-2014.

Scenario 1: Assumes that demand response resources have a persistence of 1 year. Official reporting policy for demand response resources.

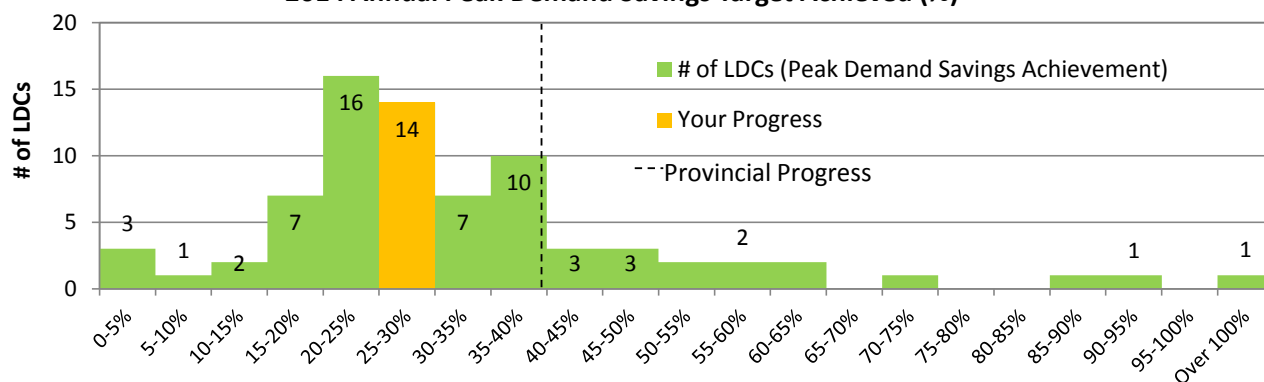
Scenario 2: Assumes that demand response resources remain in your territory until 2014. Used to better assess progress towards demand targets.

Rank: Sorts each LDC by % of peak demand or energy target achieved as of the current reporting period using Scenario 2.

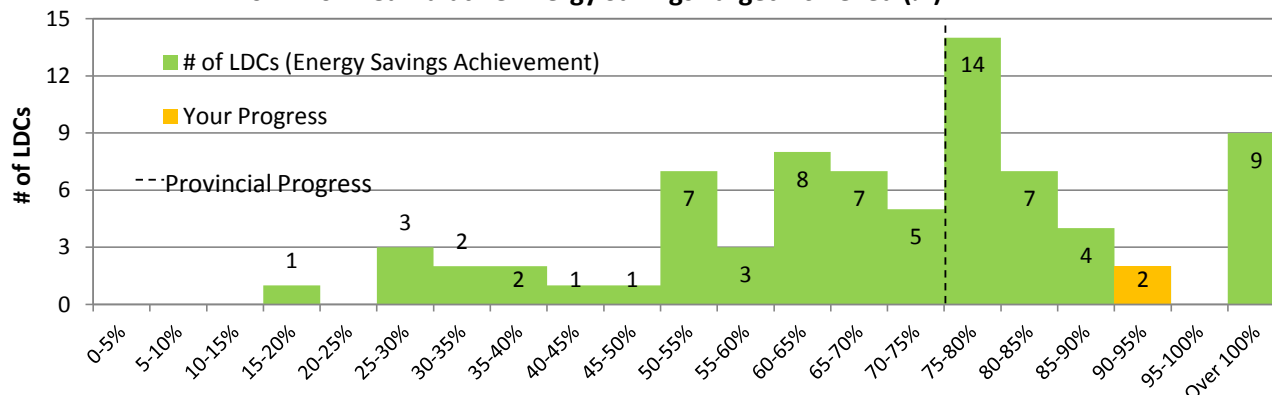
Comparison: Your Achievement vs. LDC Community Achievement

The following graphs assume that demand response resources remain in your territory until 2014 (aligns with Scenario 2)

2014 Annual Peak Demand Savings Target Achieved (%)



2011-2014 Cumulative Energy Savings Target Achieved (%)



Questions? Please check the "About this Report" Section on page 2, Table 5 on page 9 and "Reporting Methodology" on page 10.
More Questions? Please contact LDC.Support@powerauthority.on.ca

Message from the Vice President

I am pleased to present our Q3 2013 LDC report. We continue to achieve great success across all sectors. Provincially we have achieved 75% of the cumulative 6,000 GWh energy target and progress towards the 1,330 MW demand target increased from last quarter to 40%.

A few highlights of our current activities during this reporting period:

- In collaboration with the EDA Policy group and CDM Caucus, the final wave of change management to enable the 2015 extension is underway. Including changes to the Master Services Agreement, initiative contracts, participant agreements and vendor contracts. The changes include:
 - Enabling LDCs to request PAB increases, decreases and reallocations at their discretion
 - Clarification of PAB cost-effectiveness incentive
 - Extending all relevant terms to December 31, 2015
- Targeted workshops aimed at HVAC contractors focused on bringing attention to enhanced incentives and improved processes for replacing rooftop HVAC units (RTUs) within Retrofit has led to an increase in RTU
- Business program continues to perform well and exceed expectations

Stay tuned for more information on these and more customer focused enhancements. We look forward to continuing to work together on evolving our conservation programs, and engaging channel partners across all sectors to further drive participation.

We encourage you to continue to contact us and tell us your ideas and success stories so we can share our experiences across the province.

Please contact the OPA Conservation Business Development team at ldc.support@powerauthority.on.ca with any questions regarding this report.

Congratulations on another successful quarter!

Sincerely,

Andrew Pride

About this Report

This report contains:

- Peak demand and energy savings for OPA-Contracted Province-Wide programs (does not include Ontario Energy Board (OEB) approved CDM programs or other LDC conservation efforts)
- Progress as of the end of Q3 2013 using unverified quarterly results for 2013 and final verified results for 2011-12
- Program activity data (i.e. projects completed, appliances picked up) completed on or before Sept 30, 2013 and received and entered into the OPA processing systems as per the dates specified in Table 5
- Updates to the previous quarter's participation as a result of further data received
- Information to assist the LDC in reconciling internal data sources with the data contained in this report. Table 5 contains:
 - 1 The date in which savings are considered to 'start';
 - 2 At what point the data becomes available to the OPA;
 - 3 The expected probability and magnitude of updates to the data as more information becomes available.
- iCON CRM Post Stage Retrofit Report data queried on October 17, 2013
 - Retrofit projects completed after December 31, 2011 will be tracked as part of the Business program only
- Preliminary results for peaksaverPLUS® representing customers that have signed a Participant Agreement and information has been successfully uploaded into the RDR settlement system
- peaksaver PLUS® reporting is split into two line items: Switch/Thermostat and IHD

2011-2014 Summary: Net Peak Demand Savings Achieved (MW)

This section provides a portfolio level view of net peak demand savings procured to date through Tier 1 programs.

Table 1 presents:

- Net peak demand savings results from 2011 to Q3 2013 listed by implementation period, status (i.e. final or reported) and summarized by resource type (i.e. energy efficiency or demand response)
- Net annual peak demand savings that are expected to persist through to 2014 from program activity completed as of Q3 2013 using both Scenarios 1 and 2
- A comparison between reported, unverified results and final, verified results
- Energy efficiency resources reported with persistence according to the effective useful life of the technology

Figure 1 presents:

- Net peak demand savings results from 2011 to date using Scenario 1 for demand response resources (persistence of 1 year)

Please note: Demand response resources are only presented in the final quarter of each year and the current reporting quarter (i.e. Q4 2011, Q4 2012, and Q3 2013). Figures below and tables 3B and 4B present demand response in each quarter to display any changes that may have occurred quarter over quarter.

Table 1: Net Peak Demand Savings at the End-User Level (MW)

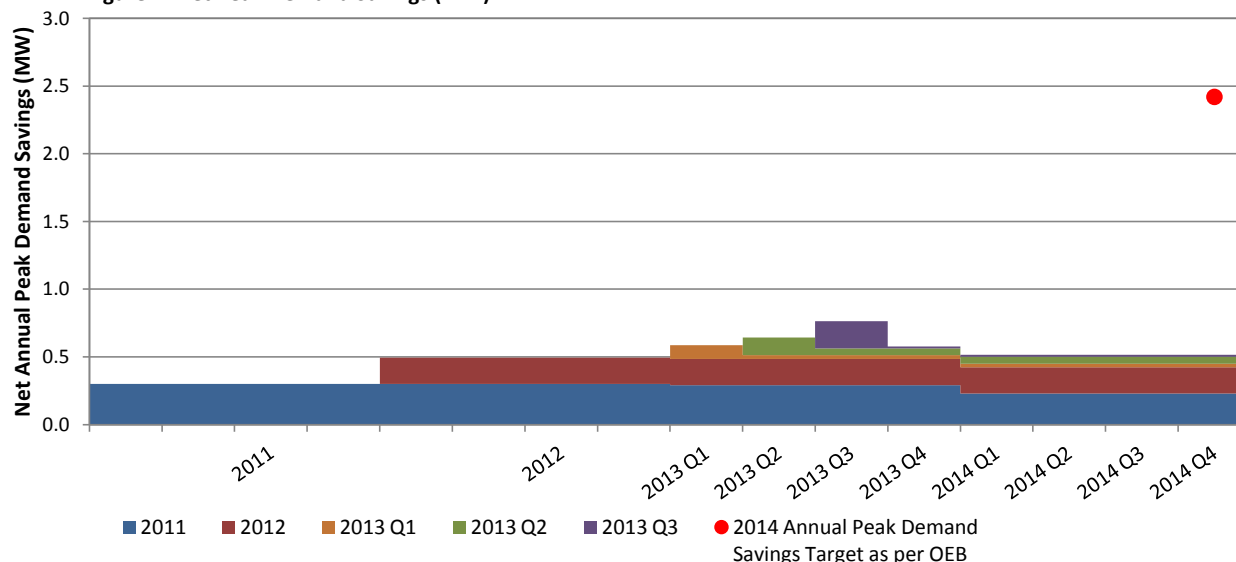
#	Implementation Period	Annual (MW)				
		Scenario 1				Scenario 2
		2011	2012	2013	2014	2014
1	2011 - Final*	0.30	0.30	0.29	0.23	0.23
2	2012 - Final*		0.19	0.19	0.19	0.19
3	2013 - Reported - Quarter 1			0.03	0.03	0.03
4	2013 - Reported - Quarter 2			0.05	0.05	0.05
5	2013 - Reported - Quarter 3			0.20	0.01	0.20
6	2014					
Energy Efficiency		0.30	0.49	0.58	0.51	0.51
Demand Response		0.00	0.00	0.19	0.00	0.19
Net Annual Peak Demand Savings		0.30	0.49	0.76	0.51	0.70
Unverified Net Annual Peak Demand Savings in 2014:					0.5	0.7
2014 Annual Peak Demand Savings Target as per OEB:					2.4	2.4
Unverified 2014 Peak Demand Savings Target Achieved (%):					21%	29%
Incremental Reported (Unverified)		0.17	0.32	0.28		
Incremental Final (Verified)		0.30	0.19	n/a		

* Drop from 2011 to 2012 due to demand response persistence assumption (scenario 1)

Reported DR3 (Ex Ante) (MW)**	0.19
Contracted DR3 (MW)**	0.23

** Consistent with monthly DR3 reports at the end of each quarter

Figure 1: Net Peak Demand Savings (MW)



2011-2014 Summary: Net Energy Savings Achieved (GWh)

This section provides a portfolio level view of net energy savings procured to date through Tier 1 programs.

Table 2 presents net annual energy savings results from 2011 to date listed by implementation period, status (i.e. final or reported) and summarized by resource type. This table aligns with Scenario 1 and presents 2011-2014 net cumulative energy savings expected in 2014 from program activity completed to date. At the bottom of the table a comparison is made between reported results (unverified) and final results (verified) for 2011, 2012, and 2013 year-to-date.

Table 2: Net Energy Savings at the End-User Level (GWh)

#	Implementation Period	Annual (GWh)				Cumulative (GWh)
		2011	2012	2013	2014	2011-2014
1	2011 - Final*	1.02	1.02	1.00	0.83	3.87
2	2012 - Final*	0.01	0.88	0.88	0.87	2.64
3	2013 - Reported - Quarter 1			0.16	0.16	0.32
4	2013 - Reported - Quarter 2			0.28	0.28	0.56
5	2013 - Reported - Quarter 3			0.07	0.06	0.13
6	2014					
Energy Efficiency		1.02	1.92	2.38	2.20	7.52
Demand Response		0.00	0.00	0.00	0.00	0.00
Net Energy Savings		1.04	1.90	2.39	2.20	7.53
Unverified Net Cumulative Energy Savings 2011-2014:						7.5
2011-2014 Cumulative Energy Savings Target as per OEB:						8.3
Unverified 2011-2014 Cumulative Energy Target Achieved (%):						91%
Incremental Reported (Unverified)		1.06	0.90	0.51		
Incremental Final (Verified)		1.02	0.88	n/a		

Figure 2: Net Cumulative Energy Savings (GWh)

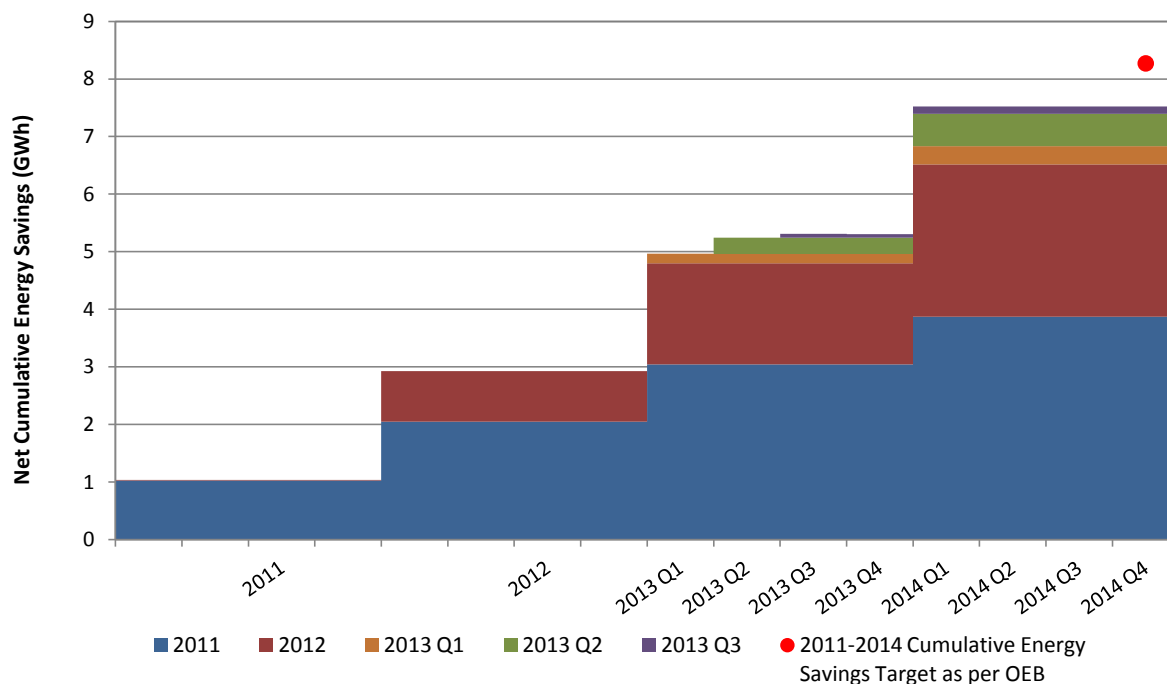


Table 3A: Niagara-on-the-Lake Hydro Inc. Initiative and Program Level Savings by Year (Scenario 1)

#	Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Unverified Progress to Target (excludes DR)	
			2011 Adj.*	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings
Consumer Program																
1	Appliance Retirement	Appliances	112	70	24		7	5	1		46,772	27,029	10,028		12	287,926
2	Appliance Exchange	Appliances	3	3	-		0	0	-		289	683	-		0	3,008
3	HVAC Incentives	Equipment	158	151	70		49	32	15		86,998	53,257	25,513		96	558,790
4	Conservation Instant Coupon Booklet	Coupons	876	49	50		2	0	0		32,225	2,217	2,047		3	139,646
5	Bi-Annual Retailer Event	Coupons	1,510	1,682	338		3	2	1		46,602	42,470	10,910		6	335,637
6	Retailer Co-op	Items	-	-	-		-	-	-		-	-	-		-	-
7	Residential Demand Response (switch/pstat)*	Devices	-	-	-		-	-	-		-	-	-		-	-
8	Residential Demand Response (IHD)	Devices	-	-	21		-		-		-		-		-	-
9	Residential New Construction	Homes	-	-	-		-	-	-		-	-	-		-	-
Consumer Program Total							60	40	18		212,886	125,656	48,498		117	1,325,008
Business Program																
10	Retrofit	Projects	6	13	19		15	76	62		78,074	411,293	378,197		154	2,302,567
11	Direct Install Lighting	Projects	164	75	12		171	72	12		451,696	287,393	72,814		184	2,587,240
12	Building Commissioning	Buildings	-	-	-		-	-	-		-	-	-		-	-
13	New Construction	Buildings	2	-	-		5	4	-		22,211	13,123	-		8	128,212
14	Energy Audit	Audits	-	1	-		-	5	-		-	25,176	-		5	75,529
15	Small Commercial Demand Response (switch/pstat)*	Devices	-	-	-		-	-	-		-	-	-		-	-
16	Small Commercial Demand Response (IHD)	Devices	-	-	-		-	-	-		-	-	-		-	-
17	Demand Response 3*	Facilities	-	-	1		-	-	109		-	-	2,426		-	2,426
Business Program Total							191	157	183		551,981	736,985	453,437		351	5,095,973
Industrial Program																
18	Process & System Upgrades	Projects	-	-	-		-	-	-		-	-	-		-	-
19	Monitoring & Targeting	Projects	-	-	-		-	-	-		-	-	-		-	-
20	Energy Manager	Projects	-	-	-		-	-	-		-	-	-		-	-
21	Retrofit	Projects	-	-	-		-	-	-		-	-	-		-	-
22	Demand Response 3*	Facilities	-	-	2		-	-	78		-	-	1,758		-	1,758
Industrial Program Total							-	-	78		-	-	1,758		-	1,758
Home Assistance Program																
23	Home Assistance Program	Homes	-	5	11		-	0	0		-	1,484	5,523		0	15,498
Home Assistance Program Total							-	0	0		-	1,484	5,523		0	15,498
Aboriginal Program																
24	Aboriginal Program	Homes	-	-	-		-	-	-		-	-	-		-	-
Aboriginal Program Total							-	-	-		-	-	-		-	-
Pre-2011 Programs completed in 2011																
25	Electricity Retrofit Incentive Program	Projects	12	-	-		30	-	-		165,618	-	-		30	662,472
26	High Performance New Construction	Projects	2	0	-		18	0	-		92,390	174	-		18	370,079
27	Toronto Comprehensive	Projects	-	-	-		-	-	-		-	-	-		-	-
28	Multifamily Energy Efficiency Rebates	Projects	-	-	-		-	-	-		-	-	-		-	-
29	LDC Custom Programs	Projects	-	-	-		-	-	-		-	-	-		-	-
Pre-2011 Programs completed in 2011 Total							48	0	-		258,008	174	-		48	1,032,551
Other																
30	Program Enabled Savings	Projects	-	-	-		-	-	-		-	-	-		-	-
31	Time-of-Use Savings	Homes	-	-	-		-	-	-		-	-	-		-	-
Other Total							-	-	-		-	-	-		-	-
Adjustment to Previous Year's Verified Results								(3)				14,227			(3)	56,909
Energy Efficiency Total							299	197	92		1,022,875	864,299	505,031		517	7,466,604
Demand Response Total (Scenario 1)							-	-	187		-	-	4,184		-	4,184
OPA-Contracted LDC Portfolio Total							299	194	279		1,022,875	878,526	509,215		515	7,527,697
Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.			Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item for 2012 & 2013 will be left blank until the savings are quantified in the 2013 evaluation.							Full OEB Target:				2,420	8,270,000	
			% of Full OEB Target Achieved to Date (Scenario 1):											21%	91%	

Table 3B: Niagara-on-the-Lake Hydro Inc. Initiative and Program Level Savings by Quarter for current reporting year**

#	Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
			Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2013	Q2 2013	Q3 2013	Q4 2013
Consumer Program														
1	Appliance Retirement	Appliances	9	9	6		0	1	0		3,652	3,828	2,548	
2	Appliance Exchange	Appliances	-	-	-		-	-	-		-	-	-	-
3	HVAC Incentives	Equipment	21	37	12		5	7	3		8,991	11,631	4,891	
4	Conservation Instant Coupon Booklet	Coupons	29	17	4		0	0	0		1,263	637	147	
5	Bi-Annual Retailer Event	Coupons	7	329	2		0	1	0		200	10,639	71	
6	Retailer Co-op	Items	-	-	-		-	-	-		-	-	-	-
7	Residential Demand Response (switch/pstat)*	Devices	-	-	-		-	-	-		-	-	-	-
8	Residential Demand Response (IHD)	Devices	-	-	21				-				-	
9	Residential New Construction	Homes	-	-	-		-	-	-		-	-	-	-
Consumer Program Total														
Business Program														
10	Retrofit	Projects	4	8	7		17	37	8		119,949	226,575	31,673	
11	Direct Install Lighting	Projects	6	5	1		5	6	2		22,502	27,625	22,687	
12	Building Commissioning	Buildings	-	-	-		-	-	-		-	-	-	-
13	New Construction	Buildings	-	-	-		-	-	-		-	-	-	-
14	Energy Audit	Audits	-	-	-		-	-	-		-	-	-	-
15	Small Commercial Demand Response (switch/pstat)*	Devices	-	-	-		-	-	-		-	-	-	-
16	Small Commercial Demand Response (IHD)	Devices	-	-	-		-	-	-		-	-	-	-
17	Demand Response 3*	Facilities	-	-	1		-	-	109		-	-	2,426	
Business Program Total														
Industrial Program														
18	Process & System Upgrades	Projects	-	-	-		-	-	-		-	-	-	-
19	Monitoring & Targeting	Projects	-	-	-		-	-	-		-	-	-	-
20	Energy Manager	Projects	-	-	-		-	-	-		-	-	-	-
21	Retrofit	Projects	-	-	-		-	-	-		-	-	-	-
22	Demand Response 3*	Facilities	2	2	2		74	78	78		4,339	1,758	1,758	
Industrial Program Total														
Home Assistance Program														
23	Home Assistance Program	Homes	1	-	10		0	-	0		2,680	-	2,843	
Home Assistance Program Total														
Aboriginal Program														
24	Aboriginal Program	Homes	-	-	-		-	-	-		-	-	-	-
Aboriginal Program Total														
Pre-2011 Programs completed in 2011														
25	Electricity Retrofit Incentive Program	Projects	-	-	-		-	-	-		-	-	-	-
26	High Performance New Construction	Projects	-	-	-		-	-	-		-	-	-	-
27	Toronto Comprehensive	Projects	-	-	-		-	-	-		-	-	-	-
28	Multifamily Energy Efficiency Rebates	Projects	-	-	-		-	-	-		-	-	-	-
29	LDC Custom Programs	Projects	-	-	-		-	-	-		-	-	-	-
Pre-2011 Programs completed in 2011 Total														
Other														
30	Program Enabled Savings	Projects	-	-	-		-	-	-		-	-	-	-
31	Time-of-Use Savings	Homes	-	-	-		-	-	-		-	-	-	-
Other Total														
Adjustment to Previous Year's Verified Results														
Energy Efficiency Total														
Demand Response Total (Scenario 1)														
OPA-Contracted LDC Portfolio Total														

Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

*Includes adjustments after Final Reports were issued

** Updates to the previous quarter's participation may occur as a result of further data received

Table 4A: Province-Wide Initiative and Program Level Savings by Year (Scenario 1)

#	Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Unverified Progress to Target (excludes DR)	
			2011 Adj.*	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014 2014	2011-2014 Net Cumulative Energy Savings (kWh) 2014
Consumer Program																
1	Appliance Retirement	Appliances	56,110	34,146	15,997		3,299	2,011	978		23,005,812	13,424,518	6,266,108		6,149	144,709,073
2	Appliance Exchange	Appliances	3,688	3,836	302		371	556	32		450,187	974,621	43,168		722	4,598,860
3	HVAC Incentives	Equipment	92,721	85,221	41,082		32,037	19,060	9,005		59,437,670	32,841,283	15,310,950		60,102	366,896,430
4	Conservation Instant Coupon Booklet	Coupons	567,678	30,891	31,584		1,344	230	225		21,211,537	1,398,202	1,291,133		1,800	91,623,019
5	Bi-Annual Retailer Event	Coupons	952,149	1,060,901	213,100		1,681	1,480	459		29,387,468	26,781,674	6,879,644		3,620	211,654,185
6	Retailer Co-op	Items	152	-	-		0	-	-		2,652	-	-		0	10,607
7	Residential Demand Response (switch/pstat)*	Devices	19,550	98,388	107,013		10,947	49,038	59,927		24,870	359,408	230,077		-	614,356
8	Residential Demand Response (IHD)	Devices	-	49,689	45,619		-		-		-		-		-	-
9	Residential New Construction	Homes	26	-	5		0	2	1		743	17,152	2,182		2	58,794
Consumer Program Total							49,681	72,377	70,627		133,520,941	75,796,859	30,023,262		72,396	820,165,325
Business Program																
10	Retrofit	Projects	2,819	5,605	3,875		24,467	61,147	30,118		136,002,258	314,922,468	197,951,323		114,136	1,876,550,105
11	Direct Install Lighting	Projects	20,741	18,494	10,815		23,724	15,284	11,102		61,076,701	57,345,798	47,871,034		42,283	486,814,937
12	Building Commissioning	Buildings	-	-	-		-	-	-		-	-	-		-	-
13	New Construction	Buildings	22	64	21		123	764	455		411,717	1,814,721	1,052,514		1,342	9,196,060
14	Energy Audit	Audits	196	280	95		-	1,450	492		-	7,049,351	2,391,744		1,941	25,931,542
15	Small Commercial Demand Response (switch/pstat)*	Devices	132	294	359		84	187	201		157	1,068	772		-	1,996
16	Small Commercial Demand Response (IHD)	Devices	-	-	82		-	-	-		-	-	-		-	-
17	Demand Response 3*	Facilities	145	151	171		16,218	19,389	24,055		633,421	281,823	536,899		-	1,452,143
Business Program Total							64,617	98,221	66,422		198,124,253	381,415,230	249,804,286		159,702	2,399,946,783
Industrial Program																
18	Process & System Upgrades	Projects	-	-	1		-	-	270		-	-	825,000		270	1,650,000
19	Monitoring & Targeting	Projects	-	-	-		-	-	-		-	-	-		-	-
20	Energy Manager	Projects	-	39	35		-	1,086	679		-	7,372,108	6,958,584		1,765	36,033,492
21	Retrofit	Projects	433	-	-		4,615	-	-		28,866,840	-	-		4,613	115,462,282
22	Demand Response 3*	Facilities	124	185	281		52,484	74,056	149,404		3,080,737	1,784,712	3,354,125		-	8,219,574
Industrial Program Total							57,098	75,141	150,354		31,947,577	9,156,820	11,137,709		6,648	161,365,347
Home Assistance Program																
23	Home Assistance Program	Homes	46	5,033	11,239		2	566	1,631		39,283	5,442,232	9,455,190		2,200	35,394,211
Home Assistance Program Total							2	566	1,631		39,283	5,442,232	9,455,190		2,200	35,394,211
Aboriginal Program																
24	Aboriginal Program	Homes	-	-	-		-	-	-		-	-	-		-	-
Aboriginal Program Total							-	-	-		-	-	-		-	-
Pre-2011 Programs completed in 2011																
24	Electricity Retrofit Incentive Program	Projects	2,028	-	-		21,662	-	-		121,138,219	-	-		21,662	484,552,876
25	High Performance New Construction	Projects	179	69	9		5,098	3,251	1,806		26,185,591	11,901,944	12,769,879		10,155	165,987,955
26	Toronto Comprehensive	Projects	577	-	-		15,805	-	-		86,964,886	-	-		15,805	347,859,545
27	Multifamily Energy Efficiency Rebates	Projects	110	-	-		1,981	-	-		7,595,683	-	-		1,981	30,382,733
28	LDC Custom Programs	Projects	8	-	-		399	-	-		1,367,170	-	-		399	5,468,679
Pre-2011 Programs completed in 2011 Total							44,945	3,251	1,806		243,251,550	11,901,944	12,769,879		50,001	1,034,251,788
Other																
29	Program Enabled Savings	Projects	-	-	-		-	2,304	-		-	1,188,362	-		2,304	3,565,086
30	Time-of-Use Savings	Homes	-	-	-		-	-	-		-	-	-		-	-
Other Total							-	2,304	-		-	1,188,362	-		2,304	3,565,086
Adjustment to Previous Year's Verified Results								1,406				18,689,081			1,156	73,918,598
Energy Efficiency Total							136,610	109,191	57,253		603,144,419	482,474,435	309,068,454		293,251	4,444,400,472
Demand Response Total (Scenario 1)							79,733	142,670	233,587		3,739,185	2,427,011	4,121,872		-	10,288,069
OPA-Contracted LDC Portfolio Total							216,343	253,267	290,840		606,883,604	503,590,526	313,190,326		294,407	4,528,607,138

Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item for 2012 & 2013 will be left blank until the savings are quantified in the 2013 evaluation.

Full OEB Target:

% of Full OEB Target Achieved to Date (Scenario 1):

1,330,000	6,000,000,000
22%	75%

Table 4B: Province-Wide Initiative and Program Level Savings by Quarter for Current Reporting Year**

#	Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
			Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2013	Q2 2013	Q3 2013	Q4 2013
Consumer Program														
1	Appliance Retirement	Appliances	4,372	5,381	6,244		262	331	385		1,726,524	2,098,963	2,440,621	
2	Appliance Exchange	Appliances	10	130	162		1	14	18		1,138	17,249	24,780	
3	HVAC Incentives	Equipment	13,780	18,689	8,613		3,406	3,865	1,734		6,143,456	6,366,357	2,801,138	
4	Conservation Instant Coupon Booklet	Coupons	18,180	10,830	2,574		195	24	7		796,461	401,881	92,790	
5	Bi-Annual Retailer Event	Coupons	4,425	207,168	1,507		7	445	7		125,949	6,708,799	44,896	
6	Retailer Co-op	Items	-	-	-		-	-	-		-	-	-	
7	Residential Demand Response (switch/pstat)*	Devices	71,642	96,264	107,013		40,120	50,316	59,927		153,447	363,663	230,077	
8	Residential Demand Response (IHD)	Devices	15,153	25,864	4,602				-				-	
9	Residential New Construction	Homes	3	1	1		0	1	0		756	1,272	154	
Consumer Program Total							43,990	54,995	62,077		8,947,731	15,958,184	5,634,456	
Business Program														
10	Retrofit	Projects	1,321	1,509	1,045		11,208	11,615	7,295		70,694,979	66,323,123	60,933,222	
11	Direct Install Lighting	Projects	3,877	4,676	2,262		3,986	4,853	2,264		15,540,497	22,208,242	10,122,295	
12	Building Commissioning	Buildings	-	-	-		-	-	-		-	-	-	
13	New Construction	Buildings	12	7	2		233	97	125		735,556	220,560	96,399	
14	Energy Audit	Audits	51	38	6		264	197	31		1,283,989	956,698	151,058	
15	Small Commercial Demand Response (switch/pstat)*	Devices	241	144	359		135	92	201		463	523	772	
16	Small Commercial Demand Response (IHD)	Devices	29	47	6		-	-	-		-	-	-	
17	Demand Response 3*	Facilities	153	170	171		20,082	27,275	24,055		786,518	608,767	536,899	
Business Program Total							35,907	44,129	33,970		89,042,001	90,317,913	71,840,643	
Industrial Program														
18	Process & System Upgrades	Projects	1	-	-		270	-	-		825,000	-	-	
19	Monitoring & Targeting	Projects	-	-	-		-	-	-		-	-	-	
20	Energy Manager	Projects	26	8	1		429	250	-		3,647,428	3,311,156	-	
21	Retrofit	Projects			-				-				-	
22	Demand Response 3*	Facilities	210	270	281		78,121	106,583	149,404		4,585,608	2,392,785	3,354,125	
Industrial Program Total							78,820	106,833	149,404		9,058,036	5,703,941	3,354,125	
Home Assistance Program														
23	Home Assistance Program	Homes	3,408	5,092	2,739		795	750	86		3,840,100	4,015,556	1,599,534	
Home Assistance Program Total							795	750	86		3,840,100	4,015,556	1,599,534	
Aboriginal Program														
24	Aboriginal Program	Homes	-	-	-		-	-	-		-	-	-	
Aboriginal Program Total							-	-	-		-	-	-	
Pre-2011 Programs completed in 2011														
24	Electricity Retrofit Incentive Program	Projects	-	-	-		-	-	-		-	-	-	
25	High Performance New Construction	Projects	4	-	5		731	-	1,075		5,563,680	-	7,206,199	
26	Toronto Comprehensive	Projects	-	-	-		-	-	-		-	-	-	
27	Multifamily Energy Efficiency Rebates	Projects	-	-	-		-	-	-		-	-	-	
28	LDC Custom Programs	Projects	-	-	-		-	-	-		-	-	-	
Pre-2011 Programs completed in 2011 Total							731	-	1,075		5,563,680	-	7,206,199	
Other														
29	Program Enabled Savings	Projects	-	-	-		-	-	-		-	-	-	
30	Time-of-Use Savings	Homes	-	-	-		-	-	-		-	-	-	
Other Total							-	-	-		-	-	-	
Adjustment to Previous Year's Verified Results														
Energy Efficiency Total							21,786	22,442	13,025		110,925,512	112,629,856	85,513,085	
Demand Response Total (Scenario 1)							138,458	184,265	233,587		5,526,035	3,365,737	4,121,872	
OPA-Contracted LDC Portfolio Total							160,244	206,707	246,612		116,451,548	115,995,594	89,634,957	

Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

*Includes adjustments after Final Reports were issued

** Updates to the previous quarter's participation may occur as a result of additional data received

Table 5: Data Qualifiers for Initiatives Currently In-Market & Likelihood of Additional Data

Data included in the Q3 2013 report includes all program activity completed (as per the savings 'start' date) on or before September 30th, 2013.

Initiative	Savings 'start' Date	Data Available	Additional Data Likely
Consumer Program			
Appliance Retirement	Pick-up date	When database is queried. Typically up-to-date.	Moderate
Appliance Exchange	Exchange event date	Once data is submitted to the OPA by retailers and undergoes QA/QC by OPA staff. Typically 3 - 6 months to receive and process all data.	High
HVAC Incentives	Installation date ¹	Rebate Status = Approved, Cheque Issued and Cheque Cashed; Typically 1 - 4 months delay.	High
Conservation Instant Coupon Booklet	Coupon redemption year	Once data is submitted to the OPA by retailers and undergoes QA/QC by OPA staff. Typically 3 - 6 months to receive and process all data.	High
Bi-Annual Retailer Event	Year and quarter of the event	months to receive and process all data.	High
Retailer co-op activities	Will vary by specific project	Will vary by specific project	Low
Residential Demand Response	Device installation date	Data successfully uploaded into RDR settlement system as of Sept 30th, 2013	High
Residential New Construction	Project completion	Preliminary Billing Report submitted to OPA	Low
Business (Commercial & Institutional) Program			
Retrofit	Actual project completion date	In the "Post Project Submission" Stage (excluding "Payment Denied by LDC") within iCON CRM as of October 17, 2013	Low
Direct Installed Lighting	Retrofit date	Work-order: invoiced, approved and paid to LDC. Typically 1.5 - 2 months delay. Any projects that are flagged as duplicates will not appear in reports until duplicates have been resolved.	High
Building Commissioning	Hand off date	Preliminary Billing Report submitted to OPA and reviewed	Moderate
New Construction	Actual project completion date	Preliminary Billing Report submitted to OPA and reviewed	Moderate
Energy Audit	Audit completion date	Preliminary Billing Report submitted to OPA and reviewed	Moderate
Small Commercial Demand Response	Device installation date	Data successfully uploaded into RDR settlement system	Moderate
Demand Response 3	Facility is available under contract	Facility available under contract with aggregator	Low
Industrial Program			
Process & System Upgrades	In-service date	Preliminary Billing Report submitted to OPA and reviewed	Low
Monitoring & Targeting	Project completion date	Preliminary Billing Report submitted to OPA and reviewed	Low
Energy Manager (EEM or REM)	Project completion date	Completed, non-incented projects submitted quarterly by Energy Manager.	High
Retrofit		All Retrofit projects are now reported under the Business Program	
Demand Response 3	Facility is available under contract	Facility available under contract with aggregator.	Low
Home Assistance Program			
Home Assistance Program	Project completion date	Preliminary Billing Report submitted to OPA and reviewed	High
Pre-2011 Projects Completed in 2011			
High Performance New Construction	Project completion date	Reviewed and processed from delivery agent, quarterly	Moderate

1: Monthly reports split savings into months using the approval date

Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity in a given year and resource savings persisting from previous years). Annual savings for Demand Response resources represent the savings from all active facilities contracted since January 1, 2011.

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011 - 2014). This concept does not apply to peak demand savings.

Current Reporting Period: the calendar quarter specified on page 1 of this report.

Effective Useful Life: determines the persistence of savings for a given technology or initiative. Factors that may effect the useful life of a technology are typical use and operating hours, upcoming code changes, etc. Demand response resources are assumed to have a persistence of 1 year.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses). All savings presented in this report are at the end-user level.

Final or Verified Savings: savings achieved that have undergone annual Evaluation, Measurement & Verification (EM&V) and thus have had activity audited and savings assumptions measured and verified.

Implementation Period: the particular calendar quarter or calendar year that conservation activity is achieved based on when the savings are considered to 'start' (please see table 5).

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start' (please see table 5). Incremental savings for Demand Response resources represent the savings from all active facilities contracted since January 1, 2011 (i.e. Incremental = Annual for demand response only).

Initiative: a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup).

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc. Please refer to the webinars in the "Reporting Methodology" section for more information.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc. Please refer to the webinars in the "Reporting Methodology" section for more information.

Program-to-Date: the reporting period from January 1, 2011 until the end of the Current Reporting Period.

Program: a group of initiatives that target a particular market sector (i.e. Consumer, Industrial).

Reported or Unverified Savings: savings achieved that are based on reported activity and forecasted or best available savings assumptions. These savings are not verified, i.e. have not undergone the Evaluation, Measurement & Verification processes.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

Reporting Methodology (Quarterly, Unverified results):

There are several resources on reporting that are available to LDCs:

- Reporting Policy & FAQ Document found on the iCON Portal in the "Other Program Materials" under "Reporting Tools"
- LDC Consumer Program Tracking Tool found on the iCON Portal in "Other Program Materials" under "Reporting Tools"
- Webinars (available at the following link: http://www.snwebcastcenter.com/custom_events/opa-20111781/site/index.php)
 - Understanding your Q4 2011 Report (April 11, 2012)
 - Tools from the Reporting WG (April 25, 2012)
 - A Deeper Look at: peaksaverPLUS® (May 23, 2012)
 - A Deeper Look at: Demand Response 3 (June 6, 2012)
 - Revisiting Reporting (June 20, 2012)
 - Quarterly CDM Status Report update (October 24, 2012) <http://powerauthority.webex.com>; password: DCx2012