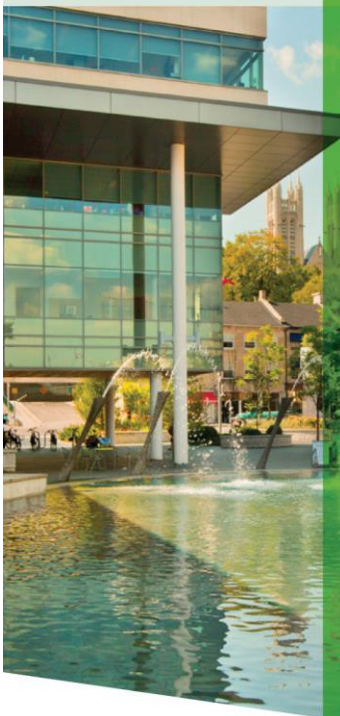


Energy Efficiency Programs Progress Report

FOURTH QUARTER 2018



Overview

This report highlights the recent achievements of Save on Energy and IESO delivered programs in the fourth quarter of 2018 (Q4 2018), as well as progress towards the 2020 target. Total preliminary Q4 2018 incremental energy efficiency program savings results indicate 112.18 gigawatt-hours (GWh) and 22.46 megawatts (MW) of net reported 2020 annual energy and peak demand savings respectively.

Ontario's energy efficiency programs have achieved a total of 5,772 GWh (78%) of the 7.4 TWh 2020 target as of Q4 2018. Under the IAP, 405 GWh (31%) of the revised 1.3 TWh 2020 IAP target has been achieved (in-service) as of Q4 2018, with a total 706 GWh currently under contract.

Key highlights for the quarter include:

- Delivery of the Centrally Managed Home Assistance Program (HAP) across the province has continued to make significant progress since its launch in May 2018. As of the end of December 2018, approximately 8,500 customers have been enrolled (85% of the 2018 goal), with many customers presently moving through the energy audit and measure-install stages.
- The Whole Home Pilot began winding down in October 2018 and no new enrollments were accepted as of November 1, 2018. The IESO determined the pilot was not meeting the cost effectiveness requirements of the Conservation First Framework, through a third-party evaluation, and made the decision to wind down the pilot to avoid incurring further costs. The IESO and gas utilities will utilize information from the pilot evaluation to inform program collaboration opportunities in the future.

All activity and savings results in this report are savings persisting to 2020 unless stated otherwise, at the end-user level, based on projects reported and invoiced to the IESO, are preliminary, unverified and subject to evaluation, measurement and verification prior to be reported as final. Any projects that have been completed, but not yet reported and invoiced to the IESO are excluded. Where a value of zero is shown, this indicates that no event, project, or activity associated with savings occurred the reported period. For more information on the IESO's energy efficiency programs, please visit www.saveonenergy.ca.

Portfolio Results

Table 1 summarizes results for Q4 2018 as well as to date, and progress towards respective targets. For the purposes of this report the IESO's portfolio includes programs which are delivered by LDCs, or the IESO, and IAP.

Table 1: Conservation Portfolio Results

2015-2020 Framework	Q4 2018	Q4 2018	2015 to Q4 2018	2015 to Q4 2018	Target – Energy Savings (GWh)	2015 to Q4 2018
	Energy Savings (GWh)	Peak Demand Savings (MW)	Energy Savings (GWh)	Peak Demand Savings (MW)		Progress towards Target (%)
2015-2020 IESO and LDC Programs	101	20	5,772	759	7,400	78
Industrial Accelerator Program	11	2	405	114	1,300	31

Table 2 provides savings for Q4 2018 and to-date, net, 2020 annual energy and peak demand savings as of Q4 2018.

Table 2: Savings Results by Program

	Q4 of 2018	Q4 of 2018	2015 to Q4 of 2018	Peak Demand (MW)
	Energy (GWh)	Peak Demand (MW)	Energy (GWh)	Peak Demand (MW)
Programs				
Residential Programs				
Coupon Program	0	0	1,066	67
Instant Discount Program	67	6.6	493	34.6
Heating & Cooling Program	4	0.4	237	77.4
New Home Construction Program	0.1	0	21	3
Home Assistance Program	0.3	0	36	5
Fridge and Freezer Pick-up Program ¹	0	0	0	0
Aboriginal Conservation Program ¹	0	0	3.2	1
Smart Thermostat Program	0	0	3	0
Whole Home Program	0	0	7	0
Residential Programs Total	71	7	1,866	188
	Q4 of 2018	Q4 of 2018	2015 to Q4 of 2018	Peak Demand (MW)
	Energy (GWh)	Peak Demand (MW)	Energy (GWh)	Peak Demand (MW)
Business Programs				
Audit Funding Program	0.2	0.1	92	16.1
Retrofit Program	15	5.7	2,820	398.7
Small Business Lighting Program	5	1.9	116	24.9
High Performance New Construction Program	0.9	0.3	148	29.3
Existing Building Commissioning Program	0	0	2	0.3
Business Refrigeration Incentive Program	4	1.5	27	3.5
Process & Systems Upgrades Program	0.1	0	405	48.2
Energy Manager Program	0.8	0.3	92	14.3
Monitoring & Targeting Program	0.1	0	0.2	0
Legacy Framework Program Enabled Savings ²	0	0	7	0.1
Business Programs Total	25	10	3,709	535.6
Other Programs				
LDC Local Programs	2	1.7	159	33.1
LDC Innovation Fund Pilot Programs	0	0	18	3
IESO Centrally Delivered Programs	3	0.5	12	1.5
Conservation Fund Pilot Programs	0	0	9	1
Other Programs Total	5	2.2	198	38.6
2015-2020 Programs Total	101	20	5772	762.2
Industrial Accelerator Program	11	2	405	116
Industrial Accelerator Program Total	11	2	405	116
Total	112	22	6178	878.2

¹ Delivered under the 2011 - 2014 + 2015 Extension Legacy Green Energy Act Framework only

² Delivered under the 2011 - 2014 + 2015 Extension Legacy Green Energy Act Framework only

Program Participation

Table 3 provides the Q4 2018 and to-date participation results as of Q4 2018.

Table 3: Conservation program participation results

	Delivery Agent	Incremental Participation as of Q4 2018	Incremental Participation as of Q4 2018	Incremental Participation as of Q4 2018
	Energy (GWh)	Metric	Q4 2018	2015 to Q4 of 2018
2015-2020 Programs				
Residential Programs				
Coupon Program	Retailers	Products	0	43,781,598
Instant Discount Program	Retailers	Products	5,750,039	30,025,794
Heating & Cooling Program	Contractors	Equipment	5,690	386,797
New Construction Program	LDCs	Homes	9	5,209
Home Assistance Program	LDCs	Homes	59	33,295
Fridge and Freezer Pick-up Program	LDCs	Appliances	0	14,733
Aboriginal Conservation Program	Contractor	Homes	0	1,586
Business Programs				
Audit Funding Program	LDCs	Audits	4	2,077
Retrofit Program	LDCs	Projects	335	58,098
Small Business Lighting Program	LDCs	Projects	1,938	36,175
High Performance New Construction Program	LDCs	Buildings	9	1,094
Existing Building Commissioning Program	LDCs	Projects	0	93
Business Refrigeration Incentive Program	LDCs	Projects	811	5,613
Process & Systems Upgrades Program	LDCs	Projects	7	181
Energy Manager Program	LDCs	Projects	17	684
Monitoring & Targeting Program	LDCs	Projects	1	11
Legacy Framework Program Enabled Savings	LDCs	Claims	0	13
Other Programs				
Adaptive Thermostat Local Program	LDCs	Homes	2	12
First Nations Conservation Local Program	LDCs	Homes	518	4,872
Instant Savings Local Program	LDCs	Homes	1,570	22,330
Pool Saver Local Program	LDCs	Homes	142	3,724
PUMPsaver Local Program	LDCs	Projects	5	352
RTUsaver Local Program	LDCs	Projects	93	343
Other LDC Local Programs	LDCs	Various	6	n/a ³
Toronto Hydro – Enbridge Joint Low-Income	LDCs	Homes	0	15,372
Other LDC Innovation Fund Pilot Programs	LDCs	Various	n/a ³	n/a ³
IESO Centrally Delivered Programs	IESO	Various	n/a ³	n/a ³
Conservation Fund Pilot Programs	Various	Various	n/a ³	n/a ³
Industrial Accelerator Program				
Industrial Accelerator Program	IESO	Projects	15	242

³ Each program's participation is measured in terms of different, distinct and non-comparable units of measure (e.g. homes / projects / equipment / devices, etc.) and thus it is not appropriate to sum participation across programs within program categories.

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