

Energy Efficiency Programs Progress Report

FIRST QUARTER 2019



Overview

This report highlights the recent achievements of Save on Energy and IESO delivered programs in the first quarter of 2019 (Q1 2019), as well as progress towards the 2015-2020 target established as part of the Conservation First Framework (CFF). Total preliminary Q1 2019 incremental energy-efficiency program savings results indicate 42 gigawatt-hours (GWh) and 7 megawatts (MW) of net reported 2020 annual energy and peak demand savings respectively.

Ontario's energy efficiency programs have achieved a total of 6,056 GWh (82%) of the 7.4 TWh 2015-2020 target as of Q1 2019. Under the Industrial Accelerator Program (IAP), 424 GWh (33%) of the 1.3 TWh 2020 IAP target has been achieved (in-service) as of Q1 2019, with a total of 815 GWh currently under contract.

All activity and savings results in this report are savings persisting to 2020 unless stated otherwise. Results are presented at the end-user level, are based on projects reported and invoiced to the IESO, are 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.

Note:

On March 21, 2019, the IESO received a directive from the Minister of Energy, Northern Development and Mines, terminating CFF. The IESO was further directed to begin delivering Energy Efficiency programs across the province under the Interim Framework. The Interim Framework is expected to run between April 1, 2019 and December 31, 2020 and has a draft target of 1.4 TWh in energy savings and 189 MW in demand savings. The framework offers programs to businesses, low-income customers through the Home Assistance Program, and continues to support energy-efficiency opportunities for Indigenous communities. This quarterly report will be the last reported results associated with the CFF / IAP. The IESO will continue to report against progress of the Interim Framework on a quarterly basis.

Portfolio Results

Table 1 summarizes results for Q1 2019 as well as to date, and progress towards respective targets. For the purposes of this report the IESO's portfolio includes programs delivered by LDCs, or the IESO, and IAP.

Table 1: Conservation Portfolio Results

2015-2020 Framework	Q1 2019		2015 – Q1 2019		Target – Energy Savings (GWh)	2015 – Q1 2019 Progress towards Target (%)
	Energy Savings (GWh)	Peak Demand Savings (MW)	Energy Savings (GWh)	Peak Demand Savings (MW)		
2015-2020 IESO & LDC Programs	23	6	6,056	765	7,400	82
Industrial Accelerator Program	19	1	424	117	1,300	33

Table 2 provides savings for Q1 2019 and to-date, net, 2020 annual energy and peak demand savings as of Q1 2019.

Table 2: Savings Results by Program

	Q1 2019		2015 – Q1 2019	
	Energy (GWh)	Peak Demand (MW)	Energy (GWh)	Peak Demand (MW)
Programs				
Residential Programs				
Coupon Program	-	-	1,066	67
Instant Discount Program	-	-	507	35
Heating & Cooling Program	1	0	248	78
New Home Construction Program	0	0	23	3
Home Assistance Program	0	0	36	5
Aboriginal Conservation Program ¹	-	-	3	1
Smart Thermostat Program	-	-	6	-
Whole Home Program	-	-	7	-
Residential Programs Total	1	0	1,897	188
Business Programs				
Audit Funding Program	0	-	93	16
Retrofit Program	6	1	3,030	400
Small Business Lighting Program	5	2	123	27
High Performance New Construction Program	0	0	151	29
Existing Building Commissioning Program	-	-	2	0
Business Refrigeration Incentive Program	2	0	31	4
Process & Systems Upgrades Program	2	-	446	48
Energy Manager Program	3	-	73	14
Monitoring & Targeting Program	-	-	0	-
Legacy Framework Program Enabled Savings ¹	-	-	7	0
Business Programs Total	19	4	3,958	538
Other Programs				
LDC Local Programs	0	0	162	33
LDC Innovation Fund Pilot Programs	-	-	18	3
IESO Centrally Delivered Programs	3	1	13	2
Conservation Fund Pilot Programs	-	-	8	1
Other Programs Total	3	1	201	39
2015-2020 Programs Total	23	5	6,056	765
Industrial Accelerator Program	19	1	424	117
Industrial Accelerator Program Total	19	1	424	117
Total	42	6	6,480	882

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

Program Participation

Table 3 provides the Q1 2019 and to-date participation results as of Q1 2019.

Table 3: Conservation program participation results

	Delivery Agent	Incremental Participation as of Q1 2019		
		Metric	Q1 2019	2015 – Q1 2019
2015-2020 Programs				
Residential Programs				
Coupon Program	Retailers	Products	-	43,781,598
Instant Discount Program	Retailers	Products	-	31,241,922
Heating & Cooling Program	Contractors	Equipment	3,311	403,917
New Construction Program	LDCs	Homes	15	5,353
Home Assistance Program	LDCs	Homes	17	33,413
Fridge and Freezer Pick-up Program	LDCs	Appliances	-	14,733
Aboriginal Conservation Program	Contractor	Homes	-	1,586
Smart Thermostat Program	LDCs	Equipment	-	21,095
Whole Home Program	Contractor	Homes	-	10,338
Business Programs				
Audit Funding Program	LDCs	Audits	3	2,177
Retrofit Program	LDCs	Projects	210	61,868
Small Business Lighting Program	LDCs	Projects	1,685	38,616
High Performance New Construction Program	LDCs	Buildings	10	1,168
Existing Building Commissioning Program	LDCs	Projects	-	93
Business Refrigeration Incentive Program	LDCs	Projects	458	6,426
Process & Systems Upgrades Program	LDCs	Projects	7	643
Energy Manager Program	LDCs	Projects	12	289
Monitoring & Targeting Program	LDCs	Projects	-	10
Legacy Framework Program Enabled Savings	LDCs	Claims	-	14
Other Programs				
Adaptive Thermostat Local Program	LDCs	Homes	-	13
First Nations Conservation Local Program	LDCs	Homes	55	5,174
Instant Savings Local Program	LDCs	Homes	-	23,149
Pool Saver Local Program	LDCs	Homes	20	4,395
PUMPsaver Local Program	LDCs	Projects	-	364
RTUsaver Local Program	LDCs	Projects	-	438
Other LDC Local Programs	LDCs	Various	237	n/a
Toronto Hydro – Enbridge Joint Low-Income	LDCs	Homes	-	
Other LDC Innovation Fund Pilot Programs	LDCs	Various	n/a	n/a
IESO Centrally Delivered Programs	IESO	Various	n/a	n/a
Conservation Fund Pilot Programs	Various	Various	n/a	n/a
Industrial Accelerator Program				
Industrial Accelerator Program	IESO	Projects	32	274

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