

2017 Final Verified Annual LDC CDM Program Results Report

Letter from the Vice-President, Policy, Engagement & Innovation

June 29, 2018

To: Ontario's Local Distribution Companies

At the mid-way point of the Conservation First Framework (CFF) Ontario's Local Distribution Companies (LDCs) along with the IESO have shown significant progress towards the 2020 CFF 7.0 TWh target. The province has achieved 1.8 TWh of persisting energy savings in 2017, the highest performing year on record. Approximately 20% (\$364M) of the allocated \$1.835B CFF LDC Conservation Demand Management (CDM) budget was accounted for in 2017. From 2015, LDCs have achieved 4.8 TWh of energy savings, representing 69% of the CFF 7.0 TWh target. The savings realized to date demonstrate the significant efforts made by LDCs and the IESO in delivering and promoting conservation programs across the province.

Key highlights from the 2017 results include:

- The share of residential portfolio savings increased for the third consecutive year, accounting for 46% of 2017 results, while the business portfolio program contributed to 45%, and local/pilot/centrally delivered programs accounting for 9% of 2017 savings.
- The Coupon & Instant Discount residential retail program produced a record achievement of 740 GWh of persisting energy savings, increasing by over 53% of the results from 2016. LED light bulbs remained the most common measure accounting 91% of savings.
- The Retrofit program achieved 663 GWh of persisting energy savings in 2017, which represents a small reduction in savings despite completing approximately half the number projects compared to 2016 results (including adjustments). Lighting continues to represent the majority of results, representing 79% of savings in 2017.
- The Process and Systems Upgrades Program achieved 15 GWh in 2017, but also verified an additional 65 GWh in 2016 completed projects and 11 GWh in 2015 completed projects as part of this year's evaluation. Behind-the-meter generation projects account for 82% of program savings-to-date.
 - o The data lag associated with unreported (yet completed) 2017 projects for the Retrofit and Process and Systems Upgrade programs remain an ongoing challenge. Together with the Heating & Cooling program, these programs have approximately 723 GWh in unverified savings yet to be reported by LDCs for which is anticipated to be reported a future verified annual results reports as 2017 adjustments.

Minor revisions were made to the final 2017 results relative to the preliminary 2017 results issued to LDCs on June 1, 2018. Details on the revisions between the 2017 preliminary and final verified results can be found in the 2017 Frequently Asked Questions (FAQs) along with key 2017 evaluation findings and province-wide and local program cost effectiveness test results posted alongside LDC results.

Consistent with prior year evaluation cycles, all 2017 final verified annual results reports will be posted on the IESO website in early July. LDC-specific cost effectiveness test results (program- and portfolio-level) will be available by September 15, 2017. Finally, 2017 EM&V reports will be available later this summer along with key program recommendations to be shared with the Joint Program Operations Committee (JPOC) and associated committees.

I look forward to the continued collaboration with LDCs and stakeholders building off lessons learned and implementing feedback from the mid-term review process to enhance current programs and future efforts.

Sincerely,

Terry Young
Vice-President, Policy, Engagement & Innovation
Independent Electricity System Operator

2017 Final Verified Annual LDC CDM Program Results Report

Table of Contents

#	Worksheet Name	Worksheet Description
1	How to Use This Report	Describes the contents and structure of this report
2	Report Summary	A high level summary of the Final 2017 Annual Verified Results Report, including: 1) progress toward the LDC's: a) Allocated 2020 Annual Energy Savings Target; b) Allocated 2015-2020 LDC CDM Plan Budget; c) CDM Plan 2015-2020 Forecasts; 3) annual savings and spending; 4) Annual FCR Progress; 5) annual LDC CDM Plan spending progress; 6) graphs describing: a) contribution to 2020 Target Achievement by program; b) 2017 LDC CDM Plan Budget Spending by Sector; c) annual energy savings persistence to 2020 by year; d) your Allocated Target achievement progress relative to your peers; and e) your LDC CDM Plan Budget Spending progress relative to your peers;
3	LDC Rankings	A comprehensive report of each LDC's performance rankings against all other LDCs in major performance categories.
4	LDC Progress	A comprehensive report of 2017 conservation results including: 1) activity; 2) savings including: a) energy and peak demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target achievement; and 3) spending, including participant incentives and administrative expenses and IESO Value Added Services Costs. Data is grouped by category and summarized at the LDC level.
5	Province-Wide Progress	A comprehensive report of 2016 conservation results including: 1) activity; 2) savings including: a) energy and peak demand; b) net and gross; c) CDM Plan forecasts, verified actuals and relative progress; d) Allocated Target and Target achievement; and 3) spending, including participant incentives and administrative expenses and IESO Value Added Services Costs. Data is grouped by category and summarized at the province wide level.
6	LDC Savings Persistence	A report detailing the gross and net energy and peak demand savings persistence by program and implementation year (2015, 2015 Adjustment, 2016, 2016 Adjustment and 2017) at the LDC Level.
7	Province-Wide Savings Persistence	A report detailing the gross and net energy and peak demand savings persistence by program and implementation year (2015, 2015 Adjustment, 2016, 2016 Adjustment and 2017) at the province wide Level.
8	Methodology	A description of the methods used to calculate energy savings, financial results and cost-effectiveness.
9	Reference Table	Provides detailing how Province wide Consumer Program results were allocated to specific LDCs.
10	Glossary	Definitions for the terms used throughout this report.

- 1) Cost Effectiveness Test (CET) results at the: a) province-wide / program level is available and posted separately on LDC Extranet; b) LDC / program level will be available on the LDC Extranet by September 15, 2018; as per the Energy Conservation Agreement, version 3.0;
- 2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on approved LDC CDM Plan - Cost Effectiveness Tools as of December 31, 2017 (from the i) Program Design; ii) Budget Inputs; and iii) Savings Results worksheets);
- 3) Annual FCR Progress only includes Full Cost Recovery funding model program savings results and excludes Pay-for-Performance funding model program savings results;
- 4) The complete list of approved programs and pilots as of December 31, 2017 approved LDC CDM Plans have been included, however only programs and pilots in market for a sufficient period of time to enable a valid EM&V process will have verified results;
- 5) 2017 Verified Adjustments to prior years consists of projects completed in the associated year but were not reported to the IESO by previous year's reporting deadlines (March 31, 2016 and April 15, 2017);
- 6) Pilot program savings are attributed to the LDC where the pilot program project is located in; and
- 7) This Annual Verified Results Report provides results for the LDC and province only. No aggregated reporting is provided for LDCs that are part of a joint CDM plan;

2017 Final Verified Annual LDC CDM Program Results Report Summary

For: Algoma Power Inc.

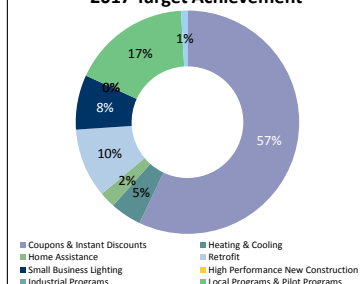
Results

#	Metric	2015 Verified Results	2016 Verified Results	2017 Verified Results	2015-2017 Verified Results	Allocated Target / Budget	2015-2017 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2020 LDC CDM Plan Forecast	2017 LDC CDM Plan Forecast	2017 Progress versus 2017 LDC CDM Plan Forecast	2015-2017 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2017 LDC CDM Plan Forecast
1	Net Verified Annual Energy Savings Persisting to 2020	1,077 MWh	1,428 MWh	2,232 MWh	4,737 MWh	7,510 MWh	63 %	11,809 MWh	40 %	1,439 MWh	155 %	3,364 MWh	141 %
2	LDC Ranking - Net Verified Annual Energy Savings Persisting to 2020	55	52	47	52	51	40	44	67	48	25	50	20
3	Total Spending (\$)	\$ 99,271	\$ 345,886	\$ 502,660	\$ 947,817	\$ 2,107,963	45 %	\$ 2,470,412	38 %	\$ 432,758	116 %	\$ 888,411	107 %
4	LDC Ranking - Total Spending (\$)	18	43	48	43	50	5	45	15	48	12	45	9

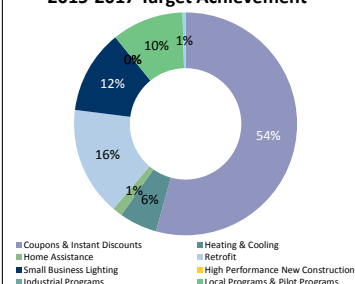
Annual FCR Progress

#	Metric	2015 Program Year	2016 Program Year	2017 Program Year	Total 2015-2017 Framework-to-Date
1	Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	238 MWh	1,319 MWh	2,211 MWh	3,769 MWh
2	CDM Plan Forecasted Net 2020 Annual Energy Savings from Full Cost Recovery Programs	216 MWh (2015 Annual Milestone from FCR Programs)	709 MWh (2016 Annual Milestone from FCR Programs)	1,436 MWh (2017 Annual Milestone from FCR Programs)	2,361 MWh (Cumulative FCR Milestone)
FCR Progress					159.6 %

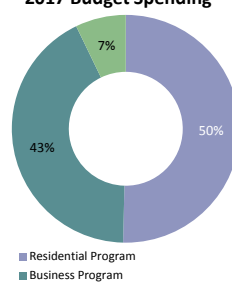
2017 Target Achievement



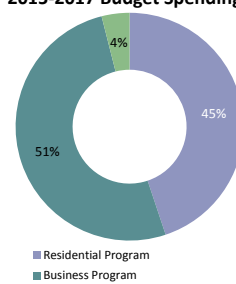
2015-2017 Target Achievement



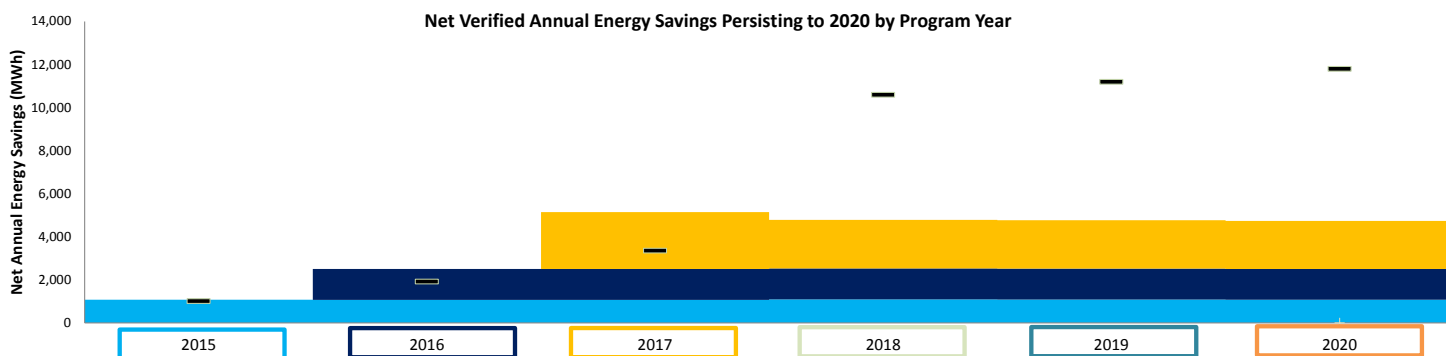
2017 Budget Spending



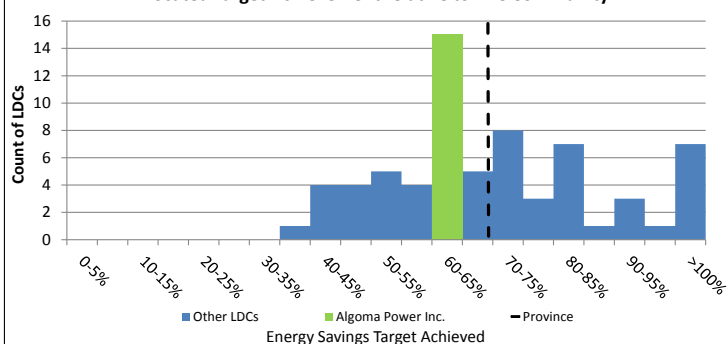
2015-2017 Budget Spending



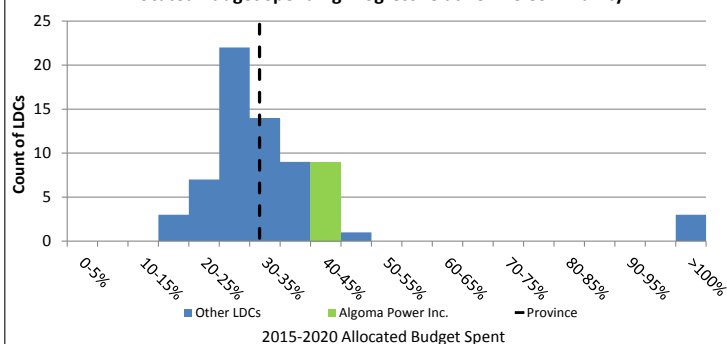
Net Verified Annual Energy Savings Persisting to 2020 by Program Year



Allocated Target Achievement relative to LDC Community



Allocated Budget Spending Progress relative LDC Community



[illegible]

For: Algoma Power Inc.

2015-2020 Conservation First Framework Programs	
Residential Province-Wide Programs	
1	Save on Energy Coupon Program
2	Save on Energy Instant Discount Program
3	Save on Energy Heatline & Coolline Program
4	Save on Energy New Construction Program
5	Save on Energy Home Assistance Program
Sub-total: Residential Province-Wide Programs	

2015-2020 Conservation First Framework Programs

Business Province-Wide Programs

- 6. **Save on Energy Audit Fueling Program**
- 7. **Save on Energy Retrofit Program**
- 8. **Save on Energy Small Business Lighting Program**
- 9. **Save on Energy High Performance New Construction Program**
- 10. **Save on Energy Existing Building Commissioning Program**
- 11. **Save on Energy Business Refinement Incentive Program**
- 12. **Save on Energy Process & Systems Upgrades Program**
- 13. **Save on Energy Energy Manager Program**
- 14. **Save on Energy Monitoring & Targeting Program**
- 15. **Save on Energy Retrofit Program**
- 16. **Save on Energy Process & Systems Upgrades Program – PAP**

Sub-total: Business Province-Wide Programs

Business Province-Wide Programs

Local & Regional Programs

- 17 Additive Thermostat Local Program
- 18 Business Refrigeration Incentives Local Program
- 19 Conservation on the Coast Home Assistance Local Program
- 20 Conservation on the Coast Small Business Lighting Local Program
- 21 First Nations Conservation Local Program
- 22 High Efficiency Appliance Central Pumping Local Program
- 23 Instant Savings Local Program
- 24 iPower Local Program
- 25 Pool Saver Local Program
- 26 PUMP4Power Local Program
- 27 RTU/Saver Local Program
- 28 Social Benchmarking Local Program

Sub-total: Local & Regional Programs

Local & Regional Programs

LDC Innovation Fund Pilot Programs

LDC Innovation Fund Pilot Programs

Centrally Delivered Programs	
51	Industrial Accelerator Program
52	Save on Energy Energy Performance Program for Multi-Site Customers
53	Whole Home Pilot Program
Sub-total: Centrally Delivered Programs	

Centrally Delivered Programs

Program Enabled Savings

Program Enabled Savings

Other _____Other ☐Sub-total: 2015-2020 Conservation First Framework

Sub-total: 2015-2020 Conservation First Framework

Conservation Fund

Conservation Fund	
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Sub-total: Conservation Fund	
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Sub-total: Conservation Fund

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
67	Appliance Retirement Initiative

Commercial & Institutional Program

Commercial & Institutional Program

Industrial Programs

Industrial Program

Low Income Program

Low Income Program

Sub-total: 2011-2014+2015 Extension Legacy Framework

Sub-total: 2011-2014+2015 Extension Legacy Framework

Total	
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Total	
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Net Incremental 2020 Annual Energy Savings																									
Forecasted (kWh)							Verified (kWh)										Progress (%)				2015-2020 CFF		Progress		
2015	2016	2017	2018	2019	2020	Total	2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Total Verified 2015 Results	Total Verified 2016 Results	2017 Verified 2017 Results	Total	LDC CDM Plan Allocated Target (kWh)	Progress versus Target (%)				
181,325	311,000	311,000	150,000	75,000	35,000	1,063,325	181,325	20,432	-	201,757	864,090	97,452	961,542	689,875	1,853,174	111	309	222	231						
34,993	36,795	1,000	1,000	1,000	1,000	75,788	34,993	-	-	34,993	69,942	-	69,942	583,733	583,733	100	100	10	112	283					
-	-	1,000	1,000	1,000	1,000	4,000	-	-	-	-	-	-	-	101,120	206,095	-	-	-	-	-					
-	20,000	20,000	20,000	20,000	20,000	100,000	-	-	-	-	6,792	-	6,792	51,754	58,546	-	34	259	146						
216,318	367,795	333,000	172,000	97,000	57,000	1,243,113	216,318	20,432	-	236,750	940,824	97,452	1,038,276	1,426,482	2,701,508	109	282	428	295						
-	1,000	1,000	1,000	1,000	1,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
-	130,000	500,000	6,580,000	328,000	417,000	7,955,000	-	1,013	-	1,013	109,850	2,696	112,546	223,856	337,415	-	87	45	54						
-	210,000	210,000	105,000	50,000	25,000	600,000	-	-	-	-	126,216	42,410	168,626	176,701	345,327	-	80	84	82						
-	1,000	1,000	1,000	1,000	1,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
-	1,000	1,000	1,000	1,000	1,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
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-	341,000	716,000	6,691,000	384,000	448,000	8,580,000	-	1,013	-	1,013	236,066	45,106	281,172	400,557	682,742	-	82	56	65						
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-	-	36,000	138,000	120,000	96,000	390,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
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-	-	150,618	233,615	-	-	584,233	-	-	-	-	-	-	-	384,362	384,362	-	110	110	-	-					
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Net Incremental 2020 Annual Peak Demand Savings |

Net Incremental First Year Energy Savings																									
Forecasted (kWh)							Verified (kWh)										Progress (%)								
2015	2016	2017	2018	2019	2020	Total	2015 Verified Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Total Verified 2015 Results	Total Verified 2016 Results	2017 Verified 2017 Results	Total						
182,792	311,000	311,000	150,000	75,000	35,000	1,064,792	182,791	20,794	-	203,585	864,090	97,452	961,542	857,052	2,022,179	111	309	276	251						
34,993	36,795	1,000	1,000	1,000	1,000	75,788	34,993	-	-	34,993	69,942	-	69,942	806,051	806,051	100	100	101	112						
-	-	1,000	1,000	1,000	1,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-						
-	20,000	20,000	20,000	20,000	20,000	100,000	-	-	-	-	6,792	-	6,792	51,754	58,546	-	-	34	259	146					
217,785	367,795	333,000	172,000	97,000	57,000	1,244,580	217,784	20,794	-	238,578	940,824	97,452	1,038,276	1,815,977	3,052,831	110	282	345	337						
-	1,000	1,000	1,000	1,000	1,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-						
-	130,000	500,000	6,580,000	328,000	417,000	7,955,000	-	1,013	-	1,013	111,513	1,032	112,545	223,856	337,414	-	-	87	45	54					
-	210,000	210,000	105,000	50,000	25,000	600,000	-	-	-	-	113,383	44,976	178,359	195,312	373,691	-	85	91	89						
-	1,000	1,000	1,000	1,000	1,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-						
-	-	1,000	1,000	1,000	1,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-						
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-	341,000	716,000	6,691,000	384,000	448,000	8,580,000	-	1,013	-	1,013	244,896	46,008	290,904	419,188	711,105	-	85	59	67						
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-	-	36,000	138,000	120,000	96,000	390,000	-	-	-	-	-	-	-	-	-	-	-	-	-						
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Net-to-Gross Adjustment - Peak Demand																				Net-to-Gross Adjustment - Peak Demand			
Forecasted (%)							Verified (%)										Comparison (%)						
2015	2016	2017	2018	2019	2020	Total	2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Total Verified 2015 Results	Total Verified 2016 Results	Total Verified 2017 Results	Total				
171							171	100		163	165	150	163	130		-9							
71							71			71	68		68	77		-							
		100	100	100	100									100									
											80		80	114									
		100	100	100	100						85	83	84	93									
		100	100	100	100																		
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**Gross
Incremental
First Year
Energy
Savings**

[illegible]

**Gross
Incremental
First Year
Peak
Demand
Savings**

Savings
Group

[illegible]

[illegible]

[illegible]

[illegible][illegible]

Spending Group

For: Province Wide

2015-2020 Conservation First Framework Programs	
Residential Province-Wide Programs	
1	Save on Enervex Coupon Program
2	Save on Energy Instant Discount Program
3	Save on Enervex Heating & Cooling Program
4	Save on Energy New Construction Program
5	Save on Enervex Home Assistance Program
Sub-total: Residential Province-Wide Programs	

Residential Province-Wide Programs	
1	Save on Energy Coupon Program

Business Province-Wide Programs	
6	Save on Energy Audit Funding Program
7	Save on Energy Retrofit Program
8	Save on Energy Small Business Lighting Program
9	Save on Energy High Performance New Construction Program
10	Save on Energy Existing Building Commissioning Program
11	Save on Energy Business Refrigeration Incentive Program
12	Save on Energy Process & Systems Upgrades Program
13	Save on Energy Energy Manager Program
14	Save on Energy Monitoring & Targeting Program
15	Save on Energy Retrofit Program - P4P
16	Save on Energy Process & Systems Upgrades Program - P4P
Sub-total: Business Province-Wide Programs	

6	Save on Energy Audit Funding
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Local & Regional Programs	
17	Adaptive Thermostat Local Program
18	Business Refrigeration Incentives Local Program
19	Conservation on the Coast Home Assistance Local Program
20	Conservation on the Coast Small Business Lighting Local Program
21	Fish Farming Conservation Local Program
22	High Efficiency Agricultural Pumping Local Program
23	Instant Savings Local Program
24	Opower Local Program
25	Pool Saver Local Program
26	PLM/Power Local Program
27	RT/Power Local Program
28	Social Benchmarking Local Program
Sub-total: Local & Regional Programs	

17	Adaptive Thermostat Control
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29	LDC Innovation Fuel Pilot Programs	
30	Air Source Heat Pumps – For Residential Space Heating	LDC Innovation Fund
30	Air Source Heat Pumps – For Residential Water Heating	LDC Innovation Fund
31	Electric Vehicle Charge Station Pilot Program	
32	Commercial Energy Management and Load Control (CEMLC)	LDC Innovation Fund
33	Conservation Cultivator	LDC Innovation Fuel Pilot Program
34	Data Centre Energy Efficiency Pilot Program	
35	Electronics Take Back	LDC Innovation Fuel Pilot Program
36	Energy Reinvestment	LDC Innovation Fuel Pilot Program
37	Home Energy Assessment & Retrofits	LDC Innovation Fuel Pilot Program
38	Home/Hotel LDC Innovation Fuel Pilot Program	
39	Incubator & Technology LDC Innovation Fuel Pilot Program	
40	Onpavee LDC Innovation Fuel Pilot Program	
41	PUMPavee LDC Innovation Fuel Pilot Program	
42	Residential Direct Install	LDC Innovation Fuel Pilot Program
43	Residential Direct Mail	LDC Innovation Fuel Pilot Program
44	Residential Direct Heat Pump	LDC Innovation Fuel Pilot Program
45	Retrospectivision LDC Innovation Fuel Pilot Program	
46	Onpavee LDC Innovation Fuel Pilot Program	
47	Small Medium Business Energy Management System	LDC Innovation Fund
48	Smart & Aerobic Air Ventilation	LDC Innovation Fuel Pilot Program
49	Toronto Water – Bridge Joint Low-Income Program	LDC Innovation Fund
50	Water Conservation LDC Innovation Fuel Pilot Program	
51	Sub-Total	LDC Innovation Fuel Pilot Programs

29	Air Source Heat Pump – For Resid
30	Air Source Heat Pump – For Resid

Centrally Delivered Programs	
51	Industrial Accelerator Program
52	Save on Energy Performance Program for Multi-Site Customers
53	Whole Home Pilot Program
Sub-total: Centrally Delivered Programs	
Program Enabled Savings	
54	Save on Energy Retrofit Program Enabled Savings
55	Save on Energy High Performance New Construction Program Enabled Savings
56	Save on Energy Process & Systems Upgrades Program Enabled Savings
Sub-total: Program Enabled Savings	

57	Non-Approved Program
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Sub-total: 2015-2020 Conservation First Framework

59	Conservation Voltage Reduction Conservation
60	EnerNOC Conservation Fund Pilot Program

Sub-total: Conservation Fund	
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Residential Program	
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Commercial & Institutional Program	
72	Energy Audit Initiative
73	Efficiency: Equipment Replacement Incentive Initiative
74	Direct Install Lighting and Water Heating Initiative
75	New Construction and Major Renovation Initiative
76	Existing Building Commissioning Incentive Initiative
Sub-total: Commercial & Institutional Program	

77	Process and Systems Upgrades I
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Low Income Program

Sub-total: Low-In

	Sub-total: Other	
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Total	
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[illegible]

1041

100

100

100

**Net
Incremental
2020 Annual
Energy
Savings**

Net
Incremental
20 Annual
Peak
Demand
Savings

Net Incremental First Year Energy Savings										Net Incremental First Year Energy Savings									
Forecasted (kWh)																			
2015	2016	2017	2018	2019	2020	Total	Verified (kWh)							Progress (%)					
2015 Results	2016 Results Adjustments	2017 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2017 Results	Total Verified 2015 Results	2015 Results	2016 Verified 2016 Results	2017 Verified 2017 Results	Total Verified 2015 Results	2017 Results	Total	Total Verified 2015 Results	Total Verified 2016 Results	2017 Verified 2017 Results	Total			
39,254,365	178,340,878	95,432,950	34,208,517	32,034,688	26,295,762	405,567,160	31,459,586	4,531,473	-	35,991,059	427,989,505	49,843,524	477,833,119	521,520,622	1,035,344,800	92	268	546	831
12,452,123	34,611,838	36,234,580	36,149,759	29,750,461	30,594,178	148,892,430	10,181,962	3,284,923	-	13,566,873	76,249,162	744,673	76,993,835	68,318,325	158,879,033	93	232	194	351
702,622	3,515,448	8,392,693	8,490,585	8,706,173	8,424,523	38,231,054	-	70,679	285,368	356,047	1,624,371	397,324	2,031,695	1,746,478	5,124,220	51	58	21	33
2,354,851	8,838,991	8,730,863	7,162,177	7,002,786	6,748,178	38,837,847	1,145,792	284,282	-	1,430,074	7,590,417	1,646,201	9,236,638	8,240,971	18,907,683	61	135	94	105
54,763,961	223,806,168	163,906,168	109,510,203	73,711,918	64,819,395	683,818,802	42,787,339	6,271,346	285,368	49,384,053	513,453,665	52,631,722	566,085,287	1,042,638,259	1,658,067,599	90	254	636	875
4,172,585	13,826,096	21,712,556	21,467,301	21,393,335	19,546,353	102,123,226	161,592	1,996,887	173,531	2,333,023	2,799,382	2,720,527	5,519,909	22,801,451	30,654,372	56	40	105	77
108,080,672	674,932,656	471,178,325	342,665,663	317,615,797	311,934,463	2,226,407,576	10,243,297	87,909,143	29,216,377	136,368,817	537,409,653	178,392,040	715,801,693	636,766,848	1,488,937,358	126	106	135	111
3,406,506	10,708,956	50,740,232	50,369,288	37,569,753	33,494,521	186,289,683	-	-	-	13,854,737	4,456,600	18,111,337	51,441,352	69,752,689	-	174	101	108	-
3,129,551	34,178,492	27,338,843	12,421,195	14,621,047	14,474,979	106,364,307	-	478,377	362,081	840,460	18,772,882	12,130,434	30,903,316	46,889,542	78,633,288	25	90	172	321
-	1,599,951	4,062,051	3,076,421	3,235,983	3,155,847	15,128,289	-	-	-	-	780,126	7,901,306	882,773	4,634,399	-	46	22	38	-
-	1,175,267	15,681,707	17,282,442	14,651,507	12,018,288	60,809,411	-	-	-	-	-	-	5,219,675	5,219,675	-	-	33	31	-
27,510,818	62,619,779	138,665,563	164,923,617	227,685,637	142,538,429	763,934,043	-	-	17,265,066	17,265,066	778,676	51,959,167	52,717,843	15,201,978	85,204,877	63	84	11	37
5,415,035	22,011,204	21,787,988	33,341,893	33,227,807	24,097,686	130,786,623	-	-	-	86,382,538	10,342,864	26,760,422	21,098,427	47,804,245	-	121	97	56	-
1,485,500	1,809,500	7,054,130	2,629,487	2,218,258	2,531,716	17,224,631	-	-	-	-	-	-	-	-	-	-	-	-	-
4,516,446	94,251,740	-	-	-	-	98,768,186	-	1,731,152	1,263,989	2,995,141	41,083,220	18,258,597	59,341,817	19,395,821	81,732,779	66	63	83	-
-	25,420,443	-	-	-	-	25,420,443	-	-	-	-	10,957,531	13,179,466	24,136,997	24,136,997	-	95	95	95	-
158,314,413	942,538,088	758,224,379	638,175,917	662,721,264	583,792,234	3,723,766,335	15,405,489	92,115,559	48,281,048	159,802,496	642,618,658	292,169,821	934,168,460	819,697,747	3,913,688,793	181	90	108	103
-	181,911	873,750	873,750	873,750	873,750	3,676,915	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	469,200	2,401,735	1,743,701	1,556,284	6,170,920	-	-	-	1,173,928	-	1,173,928	5,544,355	6,718,283	-	-	1,182	1,432	-
-	-	-	-	-	-	-	-	-	-	-	432,145	432,145	248,138	680,283	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1,533,750	2,787,335	1,600,365	1,892,800	1,667,850	9,482,100	-	-	-	-	-	3,328,257	3,328,257	-	-	-	119	77	-
-	-	4,600,744	6,154,874	7,680,418	7,680,418	26,116,454	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	3,175,550	2,728,174	931,221	561,531	7,488,476	-	-	-	-	-	-	1,635,206	1,635,206	-	-	51	51	-
-	-	5,183,820	21,581,163	30,580,970	40,859,044	98,151,997	-	-	-	-	-	-	5,969,040	5,969,040	-	-	-	-	-
-	-	7,845,467	8,183,606	8,111,588	7,869,230	32,009,891	-	-	-	-	-	-	-	-	-	-	-	-	-
-	507,498	8,525,599	5,328,712	4,264,965	2,111,486	20,756,061	-	-	-	834,022	154,217	988,259	15,947,960	16,936,219	-	195	187	187	-
-	-	2,094,127	7,329,427	4,398,244	20,943,220	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	51,378,503	104,113,770	110,702,685	126,204,621	130,847,814	523,247,383	-	-	-	52,320,101	52,320,101	112,500,855	164,820,956	-	102	108	106	-
-	53,601,664	139,669,697	166,934,491	189,613,467	198,189,650	748,001,969	-	-	-	2,007,950	52,906,483	54,914,433	145,713,811	200,088,244	-	102	104	104	-
-	-	1,399,957	910,594	910,594	728,475	3,949,620	-	-	-	205,088	203,083	408,171	-	408,171	-	-	-	-	29
-	-	-	-	-	-	-	-	-	-	-	-	117,155	117,155	-	-	-	-	-	-
-	-	1,614,988	1,635,045	1,460,702	1,460,702	6,171,437	-	-	-	-	-	-	802,485	802,485	-	-	50	50	-
187,000	-	-	-	-	1,092,825	1,279,825	-	-	90,118	90,118	-	-	-	90,118	-	48	-	-	48
-	1,308,000	-	-	-	-	3,549,361	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1,145,480	-	1,145,480	-	1,145,480	-	88	-	-	88
-	-	-	1,781,855	-	-	1,781,855	-	-	-	-	-	-	-	-	-	-	-	-	-
-	903,431	1,756,600	467,452	934,904	934,904	4,497,331	-	-	-	-	-	-	374,487	374,487	-	-	30	17	-
-	1,039,063	1,039,063	1,454,688	1,454,688	6,442,190	-	-	-	-	-	-	-	58,986	58,986	-	-	6	3	-
-	-	1,404,000	-	-	-	1,404,000	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2,500,000	-	-	-	-	2,500,000	-	-	-	-	2,864,454	-	2,864,454	-	2,864,454	-	115	-	115
-	616,360	-	-	-	-	616,360	-	-	667,979	667,979	-	-	-	667,979	-	-	-	-	108
-	-	-	-	-	-	-	-	-	-	-	413,538	-	413,538	-	413,538	-	-	-	-
-	592,703	-	-	-	-	592,703	-	-	-	-	347,825	-	347,825	-	347,825	-	59	-	59
-	3,390,849	-	-	-	-	3,390,849	-	-	-	-	157,963	-	157,963	-	157,963	-	5	-	5
-	2,547,622	-	2,547,622	1,654,300	992,580	7,742,124	-	-	-	-	1,878,207	-	1,878,207	-	1,878,207	-	74	-	74
-	-	-	-	-	-	-	-	-	-	-	370,393	-	370,393	-	370,393	-	-	-	-
-	-	199,358	199,500	-	-	399,358	-	-	-	-	60,200	-	60,200	-	60,200	-	89	405	489
-	3,362,278	-	-	-	-	3,362,278	-	-	-	-	6,807,732	-	6,807,732	-	6,807,732	-	209	-	209
187,000	16,895,664	10,463,469	8,797,256	6,415,188	6,664,124	48,886,751	-	667,979	90,118	758,097	54,210,919	538,401	14,749,328	2,417,744	17,023,163	405	90	23	65
-	-	2,000	2,000	2,000	2,000	8,000	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	3,000	1,241,600	4,000	4,000	1,252,600	-	-	-	-	-	-	7,921,276	7,921,276	-	-	264,043	264,043	-
-	-	1,425,852	2,000	2,000	2,000	1,431,852	-	-	-	-	-	-	6,600,126	6,600,126	-	-	461	461	-
-	-	1,430,852	1,248,000	8,000	8,000	2,682,452	-	-	-	-	-	-	14,523,602	14,523,602	-	-	3,033	1,615	-
8,571,537	-	-	-	-	-	8,571,537	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8,571,537	-	-	-	-	-	8,571,537	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1,013,447	6,264,754	41,838,385	39,644,571	37,817,825	126,578,982	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	736,000	25,673,427	25,973,599	165,484,561	217,865,587	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1,013,447	7,000,794	67,531,812	65,616,176	269,362,386	344,444,399	-	-	-	-	-	-	-	-	-	-	-	-	-
221,836,911	1,236,820,019	1,080,695,320	986,175,279	998,086,007	1,036,558,899	5,560,172,435	62,193,228	95,054,884	48,656,534	209,904,646	1,171,691,073	398,246,427	1,569,937,500	2,024,449,163	3,804,295,395	95	127	187	150
-	-	3,000,000	-	-	-	3,000,000	-	-	-	-	-	-	1,274,792	1,274,792	-	-	42	42	-
328,828	4,559	-	-	-	-	328,828	328,828	-	-	328,828	-	-	-	328,828	-	100	-	-	100
1,085,006	-	-	-	-	-	1,085,006	-	-	-	58,726	-	58,726	-	58,726	-	-	1,288	-	1,288
-	-	-	-	-	-	-	8,311,388	-	-	8,311,388	-	-	-	8,311,388	-	766	-	-	766
6,392,465	94,400	94,400	-	-	-	6,581,265	-	-	-	188,353	20,783	2							

Net Incremental First Year Peak Demand Savings																				
Forecasted (kW)							Verified (kW)							Progress (%)						
2015	2016	2017	2018	2019	2020	Total	2015 Verified Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total	Total Verified 2015 Results	Total Verified 2016 Results	2017 Verified 2017 Results	Total	
2,558	11,009	6,946	2,331	2,207	1,832	26,883	2,025	297	-	2,322	27,830	3,174	31,004	36,136	69,462	91	282	520	339	
-	-	837	1,557	364	327	3,085	-	-	-	-	-	-	-	30,369	30,369	-	-	3,628	3,628	
6,626	10,445	8,264	6,240	5,033	5,827	43,335	5,322	711	-	6,033	22,421	220	22,641	10,181	47,855	91	217	232	189	
136	787	1,425	1,457	5,513	1,448	6,766	-	15	16	31	355	85	440	483	954	23	56	34	41	
1,261	4,275	4,750	3,747	3,685	3,637	21,355	213	39	-	252	827	132	959	1,197	2,408	20	22	25	23	
10,881	26,516	22,222	15,832	13,702	13,073	101,424	7,560	1,062	16	8,638	53,493	3,611	55,044	87,866	151,046	82	208	398	255	
839	1,970	3,612	3,557	3,541	3,247	16,766	35	426	37	488	365	355	720	1,013	2,231	59	37	28	39	
16,794	91,208	70,163	51,563	49,911	50,090	330,219	2,828	12,716	1,055	16,599	72,374	26,368	98,742	101,145	218,486	99	108	147	122	
720	1,630	8,489	8,319	6,045	6,151	32,254	-	-	-	2,613	895	3,507	10,734	14,241	-	-	215	126	131	
980	6,881	5,367	1,142	3,523	3,582	23,439	-	96	59	155	5,693	2,206	7,899	7,895	15,449	18	115	147	141	
-	546	1,109	820	896	859	4,330	-	-	-	-	83	83	80	163	-	-	13	7	9	
-	159	1,967	2,077	1,748	1,427	7,378	-	-	-	-	-	-	-	734	734	-	-	37	35	
3,014	5,110	20,462	21,348	31,429	17,040	98,403	-	-	-	-	61	4,682	4,743	2,644	7,387	-	93	13	26	
1,962	2,895	2,762	3,102	3,194	3,271	16,286	-	-	-	1,510	1,781	3,291	2,848	6,139	-	-	114	103	91	
149	136	608	-	-	106	1,150	-	-	-	-	-	-	-	-	-	-	-	-	-	
650	10,988	-	-	-	-	11,638	-	341	208	549	4,244	2,874	7,118	3,090	10,757	84	65	-	92	
-	-	-	-	-	-	3,434	-	-	-	-	1,596	1,888	3,484	3,484	-	-	101	101	101	
24,168	125,555	114,529	94,008	101,295	85,738	545,297	2,863	13,579	1,359	17,801	88,455	41,132	129,587	132,181	279,571	74	103	115	106	
-	44	210	210	210	210	884	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	24	12	12	6	42	-	-	-	-	160	-	160	728	888	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	10	10	2	12	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	296	517	308	365	321	1,827	-	-	-	-	-	-	277	277	-	-	-	52	31	
-	-	1,514	2,052	2,560	2,560	8,796	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	184	494	264	196	1,568	-	-	-	-	-	-	256	256	-	-	-	44	44	
-	625	2,603	3,680	4,922	11,810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	4,092	4,092	4,092	4,022	16,298	-	-	-	-	-	-	-	1,142	1,142	-	-	28	28	
-	58	980	612	490	245	2,385	-	-	-	-	75	14	89	2,021	2,110	-	153	206	203	
-	624	2,184	2,184	1,248	6,240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	9,851	15,806	20,685	22,980	23,259	92,581	-	-	-	-	4,887	4,887	23,971	28,858	-	-	50	152	112	
-	10,249	24,992	33,264	36,876	36,989	142,370	-	-	-	-	235	4,911	5,146	28,397	33,543	-	50	114	95	
-	-	144	17	17	14	192	-	-	-	-	4	8	12	12	-	-	-	-	8	
-	-	-	-	-	-	-	-	-	-	-	-	18	18	18	-	-	-	-	-	
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15	-	-	-	-	-	15	-	-	12	12	-	-	-	-	12	-	80	-	80	
-	423	-	-	-	-	423	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	160	-	-	-	-	160	-	-	-	-	36	-	36	-	36	-	23	-	23	
-	-	208	-	-	-	208	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	53	107	107	267	267	-	-	-	-	-	-	59	59	-	-	-	-	-	
-	125	125	176	176	176	778	-	-	-	-	-	-	-	12	12	-	10	5	5	
-	129	-	-	-	-	129	-	-	-	-	-	-	-	-	-	-	-	-	-	
411	-	-	-	-	-	411	-	-	-	-	2	-	2	-	2	-	0	-	0	
70	-	-	-	-	-	70	-	68	-	68	-	-	-	-	68	-	-	-	92	
-	-	-	-	-	-	-	-	-	-	-	29	-	29	-	29	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	23	-	23	-	23	-	-	-	-	
-	234	-	-	-	-	234	-	-	-	-	32	32	32	-	32	-	14	14	14	
-	200	-	200	130	78	608	-	-	-	-	828	-	828	-	828	-	414	-	414	
-	-	-	-	-	-	-	-	-	-	-	27	-	27	-	27	-	-	-	-	
-	119	-	-	-	-	119	-	-	-	-	199	11	11	146	157	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	159	-	159	-	159	-	167	-	167	
-	204	-	-	-	-	204	-	-	-	-	428	-	428	-	428	-	210	-	210	
15	1,523	824	657	434	379	3,825	-	68	12	80	3,576	69	1,645	295	2,020	-	533	108	36	85
-	-	1	207	1	1	210	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	157	-	-	-	157	-	-	-	-	-	-	-	927	927	-	-	550	590	
-	-	158	207	1	1	367	-	-	-	-	-	-	-	927	927	-	-	587	587	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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Net-to-Gross
Adjustment - Energy

[illegible]

[illegible][illegible]

Gross Incremental First Year Energy Savings										Verified (kWh)													Progress (%)				Gross Incremental First Year Energy Savings
Forecasted (kWh)																											
2015	2016	2017	2018	2019	2020	Total				2015 Verified 2015 Results	2016 Verified 2015 Results Adjustments	2017 Verified 2015 Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total				Total Verified 2015 Results	Total Verified 2016 Results	Total Verified 2017 Results	Total		
25,201,786	138,894,384	74,748,562	24,165,832	22,212,143	18,392,021	303,614,728				19,373,413	2,792,208	-	22,165,621	305,313,062	35,078,081	340,391,143	403,437,234	766,993,998				88	245	540	871		
21,227,276	50,773,375	59,402,171	39,893,988	32,520,308	30,911,280	324,807,829				18,146,542	2,453,325	-	20,599,867	198,212,762	1,058,354	199,271,116	82,439,171	212,310,354				97	235	147	165		
1,193,780	5,719,030	15,939,280	16,180,846	16,614,437	16,082,461	71,749,844				-	86,676	574,544	659,220	2,001,097	510,909	2,512,006	2,153,447	5,324,673				55	44	13	23		
2,354,851	6,839,822	8,731,670	7,162,451	7,002,786	6,748,178	38,839,758				1,145,792	284,282	-	1,430,074	7,590,437	1,646,201	9,236,638	8,240,971	18,907,683				61	135	94	105		
49,578,139	202,226,611	100,614,851	125,022,978	85,040,211	76,564,378	719,631,128				34,665,749	5,614,491	574,544	44,354,792	423,117,358	32,223,545	451,410,903	613,412,614	1,339,678,195				90	228	481	810		
4,608,406	15,879,624	24,785,464	24,655,416	24,572,448	22,222,212	116,723,570				165,936	2,224,941	177,102	2,567,879	4,079,589	3,964,671	8,044,260	24,223,674	34,884,913				56	51	98	77		
143,112,220	853,458,113	614,396,387	446,097,163	415,419,593	406,254,547	2,479,758,001				25,397,914	113,077,820	34,400,965	172,816,699	654,772,218	215,618,281	870,410,499	720,261,137	1,763,508,319				121	102	117	109		
3,702,168	11,413,524	57,536,587	57,101,360	42,390,045	37,338,613	209,502,897				-	-	-	-	14,862,461	4,784,990	19,647,451	54,572,858	74,220,309				-	172	95	162		
4,898,894	6,811,058	44,355,680	22,878,472	25,985,978	25,351,260	107,341,812				-	898,778	644,789	1,543,567	29,246,403	17,005,603	46,252,006	82,778,999	180,571,972				32	72	187	165		
-	1,605,381	4,517,699	3,116,375	3,286,711	3,399,273	15,368,361				-	-	-	-	730,126	7,301,301	1,607,081	9,639,507	12,977,907				-	45	39	41		
-	1,346,086	16,714,994	18,198,809	15,267,872	12,447,185	63,974,941				-	-	-	-	-	-	5,193,707	6,193,707	11,387,417				-	31	29	31		
36,508,171	76,324,888	105,618,528	196,857,063	264,421,148	180,368,374	921,098,172				-	-	-	-	17,265,066	17,265,066	895,441	56,788,672	57,684,113	16,014,669				47	76	10	33	
7,284,408	24,422,811	26,066,780	27,058,803	28,431,907	28,856,780	145,023,466				-	-	-	-	19,026,230	12,026,586	31,052,816	29,476,261	60,529,077				-	118	113	101		
1,485,500	1,809,500	7,490,091	7,629,667	7,218,478	2,531,856	18,311,131				-	-	-	-	-	-	-	-	18,311,131				-	-	-	-		
6,028,907	129,194,797	-	-	-	-	135,223,704				-	2,300,789	1,577,242	3,878,031	58,187,371	22,695,491	80,882,862	23,791,318	108,552,211				64	63	-	80		
-	23,699,422	-	-	-	-	23,699,422				-	-	-	-	13,469,502	13,469,502	27,034,967	27,034,967	54,069,934				-	91	-	91		
208,024,674	1,710,955,208	961,092,140	789,593,728	822,016,174	719,136,074	4,720,887,003				25,563,809	118,462,328	54,065,164	158,091,342	75,535,923	34,816,815	1,141,739,100	957,915,104	2,297,765,548				95	84	100	97		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
-	242,553	1,165,000	1,165,000	1,165,000	1,165,000	4,902,553				-	-	-	-	-	-	-	-	4,902,553				-	-	-	-		
-	-	516,000	2,987,260	1,869,940	1,671,280	6,654,480				-	-	-	-	1,344,706	-	1,344,706	5,516,771	6,861,477				-	-	1,065	1,380		
-	-	-	-	-	-	-				-	-	-	-	-	-	432,145	432,145	864,290				-	-	-	-		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
-	1,533,750	2,787,335	1,600,365	1,892,800	1,667,850	9,482,100				-	-	-	-	-	-	-	3,328,257	3,328,257				-	-	119	77		
-	6,572,493	8,752,477	10,972,025	10,972,025	37,309,218	68,516,168				-	-	-	-	-	-	-	-	68,516,168				-	-	-	-		
-	3,852,734	3,385,172	3,385,172	451,500	8,842,134	19,916,712				-	-	-	-	-	-	-	957,269	957,269				-	-	25	25		
-	5,759,800	23,979,070	33,978,856	45,340,059	109,057,775	212,354,754				-	-	-	-	-	-	-	-	212,354,754				-	-	-	-		
-	9,600,831	9,938,970	9,864,952	9,597,188	39,003,941	68,994,882				-	-	-	-	-	-	-	5,957,126	5,957,126				-	-	62	62		
-	563,885	3,471,296	5,520,791	4,746,633	2,368,116	17,474,631				-	-	-	-	818,022	154,217	988,239	15,790,060	16,778,315				-	-	175	167		
-	2,617,613	2,617,613	9,161,784	5,235,305	26,176,826	42,802,131				-	-	-	-	-	-	-	-	42,802,131				-	-	-	-		
-	51,435,879	104,273,242	111,892,158	127,609,284	132,248,163	627,558,726				-	-	-	-	-	56,263,584	56,263,584	136,755,626	193,019,210				-	-	109	131		
-	53,776,067	146,618,376	178,431,353	202,305,462	210,917,676	792,050,334				-	-	-	-	2,178,728	56,845,966	59,024,694	168,553,247	227,581,941				-	-	110	115		
-	-	1,746,425	910,594	910,594	728,475	4,296,088				-	-	-	-	205,088	203,083	408,171	408,171	816,354				-	-	-	23		
-	-	-	-	-	-	-				-	-	-	-	-	-	117,155	117,155	234,310				-	-	-	-		
-	-	1,614,988	1,635,045	1,460,702	1,460,702	6,171,437				-	-	-	-	-	-	-	458,171	458,171				-	-	28	28		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
187,000	-	-	-	-	-	187,000				-	-	90,118	90,118	-	-	-	-	90,118				-	-	48	-		
-	1,308,000	-	-	-	-	1,308,000				-	-	-	-	1,145,480	-	1,145,480	-	1,145,480				-	-	88	-		
-	-	-	1,781,855	-	-	1,781,855				-	-	-	-	-	-	-	-	1,781,855				-	-	-	-		
-	901,431	1,756,600	472,120	945,039	945,039	4,524,638				-	-	-	-	-	-	-	374,487	374,487				-	-	30	17		
-	1,093,750	1,093,750	1,531,250	1,531,250	6,781,250	11,550,250				-	-	-	-	-	-	-	65,795	65,795				-	-	6	6		
-	2,500,000	1,560,000	-	-	-	4,060,000				-	-	-	-	-	-	-	-	4,060,000				-	-	-	-		
-	616,360	-	-	-	-	616,360				-	-	667,979	667,979	2,864,454	-	2,864,454	-	3,531,833				-	-	115	-		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
-	592,703	-	-	-	-	592,703				-	-	-	-	443,530	-	443,530	-	443,530				-	-	-	-		
-	4,403,700	-	-	-	-	4,403,700				-	-	-	-	334,435	-	334,435	-	334,435				-	-	56	56		
-	3,588,200	3,588,200	2,330,000	1,398,000	10,904,400	19,500,800				-	-	-	-	157,963	157,963	1,539,807	1,539,807	3,637,573				-	-	4	4		
-	-	-	-	-	-	-				-	-	-	-	5,240,034	-	5,240,034	-	5,240,034				-	-	43	43		
-	209,850	-	-	-	-	209,850				-	-	-	-	178,202	66,686	178,202	895,736	962,462				-	-	85	465		
-	3,363,113	-	-	-	-	3,363,113				-	-	-	-	-	-	-	-	3,363,113				-	-	-	-		
187,000	15,575,107	11,414,597	9,919,464	7,127,585	7,156,291	54,434,444				-	-	-	-	667,979	90,118	754,097	1,453,481	544,881	1,653,369				406	80	19	25	
-	-	2,000	2,000	2,000	2,000	8,000				-	-	-	-	-	-	-	-	8,000				-	-	-	-		
-	-	3,000	1,241,600	2,000	2,000	1,242,600				-	-	-	-	-	-	-	10,561,702	10,561,702				-	-	352,057	352,057		
-	-	1,425,452	2,000	2,000	2,000	1,431,852				-	-	-	-	-	-	-	7,176,704	7,176,704				-	-	517	517		
-	-	1,193,432	1,242,600	1,000	8,000	2,692,432				-	-	-	-	-	-	-	17,818,806	17,818,806				-	-	1,254	1,254		
8,746,466	-	-	-	-	-	8,746,466				-	-	-	-	-	-	-	-	8,746,466				-	-	-	-		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
-	1,163,888	7,987,059	41,632,662	39,733,381	37,906,628	130,423,618				-	-	-	-	-	-	-	-	130,423,618				-	-	-	-		
-	1,163,888	7,986,000	36,571,572	34,869,743	209,269,719	279,447,034				-	-	-	-	-	-	-	-	279,447,034				-	-	-	-		
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-				-	-	-	-		
206,536,330	1,486,700,881	1,360,644,279	1,192,419,271	1,101,150,580	1,241,401,172	6,088,512,478				64,229,587	124,744,798	54,729,826	243,704,221	1,234,104,762	442,688,285	1,676,993,046	1,979,990,236	3,900,687,502				91	113	151	127		
-	-	3,000,000	-	-	-	3,000,000				-	-	-	-	-	-	-	1,274,792	1,274,792				-	-	42	42		
-	516,430	-	-	-	-	516,430				-	-	-	-	516,430	-	516,430	-	516,430				-	-	100	100		
-	10,513	-	-	-	-	10,513				-	-	-	-	640,394	-	640,394	-	640,394				-	-	2,099	2,099		
1,085,006	-	-	-	-	-	1,085,006				-	-	-	-	8,311,388	-	8,31											

Gross Incremental First Year Peak Demand Savings													Verified (kW)							Progress (%)			
Forecasted (kW)							Verified (kW)							Progress (%)									
2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	Total	2015	2016	2017	Total		
							Verified	2015	2016	2017	2018	2019	2020	Verified	Results	Adjusted	Results	Adjusted	Results	Adjusted	Results	Adjusted	
1,643	8,395	5,344	1,629	1,517	1,273	19,801	1,247	183	-	1,430	19,852	2,234	22,086	27,948	51,464	61,464	61,464	61,464	61,464	61,464	61,464		
11,237	16,373	15,688	11,011	10,360	10,203	74,890	9,482	1,260	-	10,742	31,230	307	31,537	23,647	46,506	46,506	46,506	46,506	46,506	46,506	46,506		
237	1,282	2,660	2,731	2,844	2,720	12,474	-	18	33	51	453	116	567	607	1,225	1,225	1,225	1,225	1,225	1,225	1,225		
1,261	4,275	4,751	3,747	9,685	9,637	21,356	213	39	-	252	827	132	959	1,197	2,408	2,408	2,408	2,408	2,408	2,408	2,408		
14,106	30,322	29,648	21,346	18,693	13,243	102,831	10,942	1,506	33	12,495	52,306	2,769	55,169	75,900	143,524	143,524	143,524	143,524	143,524	143,524	143,524		
932	2,254	4,096	4,058	4,040	3,673	19,053	35	474	38	547	533	518	1,051	1,076	2,674	2,674	2,674	2,674	2,674	2,674	2,674		
22,100	114,927	91,392	67,683	65,564	65,453	427,119	3,752	16,562	1,376	21,690	85,826	31,406	117,232	108,729	247,971	247,971	247,971	247,971	247,971	247,971	247,971		
799	1,791	10,432	10,237	8,353	7,151	38,803	-	-	-	-	2,853	974	3,827	11,469	15,296	15,296	15,296	15,296	15,296	15,296	15,296		
1,402	11,821	9,152	5,738	6,224	6,197	40,534	-	178	106	284	8,870	3,437	12,307	13,944	26,530	26,530	26,530	26,530	26,530	26,530	26,530		
-	650	1,156	842	925	886	4,448	-	-	-	-	-	83	83	146	229	-	-	-	-	-	-		
-	182	2,105	2,197	1,827	1,481	7,794	-	-	-	-	-	-	-	616	616	616	616	616	616	616	616		
4,007	6,342	24,107	24,913	35,514	21,599	116,482	-	-	-	-	71	5,469	5,540	2,814	8,354	8,354	8,354	8,354	8,354	8,354	8,354		
1,260	3,390	3,236	3,652	3,765	3,859	19,143	-	-	-	-	1,756	2,071	3,827	3,979	7,800	7,800	7,800	7,800	7,800	7,800	7,800		
149	136	648	-	-	-	1,190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
870	15,147	-	-	-	-	16,017	-	457	252	709	6,140	3,470	9,610	3,732	14,051	14,051	14,051	14,051	14,051	14,051	14,051		
-	1,807	-	-	-	-	1,807	-	-	-	-	-	-	2,002	1,933	3,935	3,935	3,935	3,935	3,935	3,935	3,935		
31,506	160,441	146,324	119,400	126,318	110,404	634,400	3,747	17,671	1,722	23,230	100,651	45,351	157,412	146,555	327,197	327,197	327,197	327,197	327,197	327,197	327,197		
-	-	58	280	280	280	1,178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	24	12	6	42	-	-	-	-	183	-	183	611	794	794	794	794	794	794	794		
-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	2	12	12	12	12	12	12		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	296	537	308	365	321	1,827	-	-	-	-	-	-	277	277	277	277	277	277	277	277		
-	-	2,191	2,931	3,657	3,657	12,436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	754	628	345	233	1,960	-	-	-	-	-	-	-	150	150	150	150	150	150	150	150		
-	-	695	2,892	4,099	5,469	13,155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	4,997	4,997	4,997	4,911	19,902	-	-	-	-	-	-	-	1,140	1,140	1,140	1,140	1,140	1,140	1,140	1,140		
-	-	65	1,089	183	272	2,651	-	-	-	-	75	14	89	1,075	1,044	1,044	1,044	1,044	1,044	1,044	1,044		
-	-	780	2,780	2,780	1,560	7,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	9,857	15,819	20,866	23,173	23,453	93,166	-	-	-	-	-	5,199	5,199	25,776	30,975	30,975	30,975	30,975	30,975	30,975		
-	-	10,376	27,442	36,337	40,202	40,160	154,117	-	-	-	258	5,223	5,481	29,631	35,112	35,112	35,112	35,112	35,112	35,112	35,112		
-	-	-	284	17	17	34	332	-	-	-	-	4	8	12	12	12	12	12	12	12	12		
-	-	-	-	-	-	-	-	-	-	-	-	-	18	18	18	18	18	18	18	18	18		
-	-	-	3	3	4	4	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	12	12	-	-	-	-	-	-	-	-		
35	-	-	-	-	-	-	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	470	-	-	-	-	470	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	160	-	-	-	-	160	-	-	-	-	36	-	36	36	36	36	36	36	36	36		
-	-	-	208	-	-	-	208	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	66	132	132	330	-	-	-	-	-	-	-	59	59	59	59	59	59	59	59		
-	-	132	132	185	185	819	-	-	-	-	-	-	-	13	13	13	13	13	13	13	13		
-	-	143	-	-	-	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
411	-	-	-	-	-	411	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-		
70	-	-	-	-	-	70	-	68	-	68	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	31	-	31	-	31	31	31	31	31	31		
-	-	251	-	-	-	251	-	-	-	-	22	-	22	-	22	22	22	22	22	22	22		
-	-	-	-	-	-	-	-	-	-	-	-	32	32	-	32	32	32	32	32	32	32		
-	-	282	-	282	183	110	857	-	-	-	366	-	366	366	366	366	366	366	366	366	366		
-	-	-	-	-	-	-	-	-	-	-	37	-	37	37	37	37	37	37	37	37	37		
-	-	125	-	-	-	125	-	-	-	-	-	13	12	12	160	172	172	172	172	172	172		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	70	-	-	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
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Participant Incentive Spending

LDC Administrative Expense Spending										Verified (\$)										Progress (%)			
Forecasted (\$)										2015 Verified 2015 Results										Total Verified 2015 Results		Total Verified 2016 Results	
2015	2016	2017	2018	2019	2020	Total				2015 Verified 2015 Results	2016 Verified 2015 Adjustments	2017 Verified 2015 Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total		Total Verified 2015 Results		Total Verified 2016 Results	
896,508	4,299,342	5,388,943	3,520,792	3,797,433	3,693,917	21,586,935				202,446	157,526	-	359,972	5,995,690	-	5,995,690	7,165,070	13,520,732		40	139	133	128
303,521	2,214,821	706,893	536,429	467,485	327,795	2,088,601				200,324	90,272	-	290,607	3,164,430	26,343	3,190,773	7,838	7,838		96	144	125	153
34,952	501,945	1,068,159	1,146,669	1,296,060	1,468,339	5,556,424				16,829	19,272	-	36,101	1,078,795	-	1,078,795	1,360,238	2,475,134		103	120	127	123
117,076	4,054,919	5,263,969	4,375,727	4,385,997	3,979,218	22,176,906				149,262	100,017	-	249,279	2,637,793	-	2,637,793	3,421,916	6,308,988		213	65	65	67
1,332,067	11,471,077	14,189,361	11,232,985	11,543,970	11,014,869	60,804,322				568,871	367,088	-	935,959	12,876,708	26,143	12,902,851	15,043,085	29,881,895		69	112	106	107
205,667	1,604,897	1,188,440	1,223,802	1,302,048	1,153,784	6,678,638				167,592	43,261	-	210,853	1,527,563	-	1,527,563	1,505,909	3,244,325		103	95	127	108
7,329,984	34,539,447	39,893,814	32,648,282	33,376,481	33,629,824	181,417,852				5,895,425	1,454,631	-	7,350,056	35,016,210	27,300	35,043,510	40,967,396	83,350,962		100	101	103	102
92,240	3,511,356	5,460,121	5,575,006	5,041,420	4,415,922	24,105,074				-	75,438	-	75,438	3,299,093	-	3,299,093	6,774,759	10,149,230		82	94	124	112
180,260	2,416,111	1,173,000	2,827,861	2,757,729	2,766,386	14,351,397				148,817	41,141	-	189,958	2,893,601	-	2,893,601	3,004,828	6,088,387		105	120	89	102
171	311,219	345,297	323,139	147,084	343,610	1,493,137				-	3,333	-	3,333	526,893	-	526,893	343,381	874,001		149	119	100	129
10,556	360,277	1,838,814	2,208,766	1,820,714	1,360,787	7,599,914				-	-	-	-	-	-	-	2,589,120	2,589,120		-	-	-	141
456,938	4,811,510	4,122,370	4,983,410	4,543,367	5,397,581	24,315,176				341,070	312,940	-	654,010	4,897,016	-	4,897,016	4,128,475	9,679,501		143	102	100	103
293,586	1,546,194	2,163,633	2,242,260	2,614,452	2,744,062	11,845,387				156,835	32,158	-	188,993	720,547	-	720,547	953,904	1,643,444		64	46	44	46
13,632	106,694	265,450	238,873	275,490	241,492	1,122,631				9,180	10,326	-	19,506	24,304	-	24,304	213,180	256,950		143	23	87	70
182,413	14,381,700	-	-	-	-	14,564,113				-	-	-	-	-	-	-	-	14,564,113		-	0	-	-
8,765,447	44,612,384	58,639,959	52,463,396	52,079,244	52,053,448	268,911,860				6,718,919	1,973,228	-	8,692,147	48,905,232	27,300	48,932,532	60,500,290	118,124,569		99	75	103	89
-	75,000	131,246	131,246	131,246	131,246	599,984				-	-	-	-	26,672	-	26,672	133,396	160,068		-	36	102	78
-	-	59,967	187,512	213,075	209,401	669,955				-	3,789	-	3,789	404,753	-	404,753	-	408,542		-	-	-	681
-	-	-	-	-	-	-				-	-	-	-	7,021	-	7,021	849,927	856,948		-	-	-	-
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-		-	-	-	-
-	1,721,400	1,630,200	1,447,800	1,436,400	1,618,800	7,854,600				-	-	-	-	355,623	-	355,623	1,015,181	1,370,804		-	21	62	41
-	-	1,204,007	493,263	356,500	375,607	2,429,427				-	-	-	-	-	-	-	1,162,697	1,162,697		-	97	97	97
-	4,571	154,151	134,219	85,210	53,784	484,447				-	-	-	-	4,571	-	4,571	129,320	144,047		-	100	66	96
-	91,219	343,739	343,739	343,739	343,739	1,466,175				-	-	-	-	-	-	-	188,064	188,064		-	-	55	43
-	-	360,529	341,712	267,186	256,761	1,235,188				-	-	-	-	-	-	-	221,390	221,390		-	-	60	60
-	211,086	364,853	364,853	364,853	364,853	1,470,598				-	-	-	-	100,075	-	100,075	409,119	509,194		-	47	112	88
-	109,210	125,619	125,619	125,619	125,619	511,726				-	-	-	-	-	-	-	71,602	71,602		-	-	57	30
-	4,105,674	7,867,069	6,355,427	7,610,384	7,427,088	33,365,642				-	1,745	-	1,745	9,214,899	-	9,214,899	13,492,018	22,708,662		-	224	171	190
-	6,318,200	12,252,384	9,925,892	10,934,214	10,906,960	50,337,650				-	5,534	-	5,534	10,113,614	-	10,113,614	17,692,714	27,811,862		-	160	144	150
-	-	428,385	410,428	285,028	281,830	1,405,671				-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-				-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	71,275	73,763	73,763	75,763	292,564				-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	17,768	23,232	28,696	34,160	103,856				-	-	-	-	-	-	-	-	-		-	-	-	-
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-	-	-	45,000	90,000	-	225,000				-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	55,866	33,123	31,549	32,180	152,718				-	-	-	-	-	-	-	-	-		-	-	-	-
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[illegible]

Total Administrative Expense Spending											Total Administrative Expense Spending											Total Administrative Expense Spending
Forecasted (\$)							Verified (\$)							Progress (%)								
2015	2016	2017	2018	2019	2020	Total	2015 Verified Results	2016 Verified Results Adjustments	2017 Verified Results Adjustments	2018 Verified Results	2019 Verified Results	2020 Verified Results	Total	Total Verified 2015 Results	Total Verified 2016 Results	Total Verified 2017 Results	Total					
1,455,022	5,795,280	9,034,951	4,015,011	4,251,265	4,062,840	28,614,371	1,577,290	157,526	-	1,734,816	8,854,114	-	8,854,114	13,334,295	23,923,225	119	153	148	147			
433,724	2,684,573	2,661,345	2,293,831	2,041,248	1,946,226	12,062,947	466,132	88,583	-	554,715	4,203,390	-	4,203,390	4,422,832	9,180,937	128	157	166	159			
14,951	926,095	1,104,257	1,180,535	1,331,851	1,508,355	6,084,243	16,829	19,272	-	36,101	1,078,795	-	1,078,795	1,360,238	2,475,134	101	136	123	130			
157,422	4,322,731	5,678,139	4,703,496	4,709,534	4,249,468	23,820,790	149,262	100,017	-	249,279	2,637,793	-	2,637,793	3,421,916	6,308,988	158	61	60	62			
2,081,120	13,728,679	20,978,876	14,875,917	13,166,827	12,876,973	76,607,972	2,209,513	365,398	-	2,574,911	16,774,092	-	16,774,092	23,260,576	42,609,579	124	122	114	118			
205,467	1,620,298	1,202,338	1,237,720	1,315,946	1,167,683	6,749,678	187,592	43,261	-	210,853	1,527,563	-	1,527,563	1,505,909	3,244,325	103	94	125	107			
7,329,984	35,545,053	40,556,825	31,104,426	33,793,989	34,018,308	184,348,585	5,895,425	1,454,631	-	7,350,056	35,016,210	27,300	35,043,510	40,967,395	83,360,962	100	99	101	100			
92,240	3,612,793	6,795,322	6,843,138	5,845,622	5,161,460	28,452,875	-	75,438	-	3,299,093	6,774,750	-	6,774,750	6,698,387	82,910,920	82	91	100	87			
180,150	2,428,885	3,977,000	2,827,861	2,757,579	2,766,386	14,138,971	188,817	41,143	-	189,958	2,891,601	-	2,891,601	3,004,628	6,098,387	105	119	86	102			
171	331,219	345,297	323,136	347,684	343,610	1,691,411	-	3,393	-	3,393	256,893	-	256,893	343,785	874,611	1,249	159	100	109			
10,556	622,924	2,977,122	3,031,258	2,248,581	1,554,801	10,445,243	-	-	-	-	-	-	2,589,120	2,589,120	10,445,243	-	-	-	87			
456,038	4,811,511	4,122,370	4,983,410	4,543,367	5,977,581	24,315,177	341,070	312,940	-	654,010	4,897,016	-	4,897,016	4,128,475	9,679,501	143	102	100	103			
293,586	1,596,184	2,162,610	2,434,260	2,614,452	2,744,062	11,845,187	156,835	32,158	-	188,993	720,547	-	720,547	993,904	1,863,444	64	45	44	46			
13,632	106,694	246,450	238,871	275,450	241,492	1,122,631	9,180	10,326	-	19,506	24,304	-	24,304	213,180	256,900	143	23	87	70			
182,413	14,381,700	-	-	-	-	14,564,113	-	-	-	-	-	-	-	-	-	18,329	-	-	-	2		
8,765,447	66,311,020	61,785,357	55,024,062	53,842,710	53,397,383	299,125,979	6,718,919	1,973,228	-	8,692,147	48,905,232	27,300	48,932,532	60,500,290	118,124,969	99	74	98	86			
-	71,000	131,246	131,246	131,246	131,246	599,984	-	-	-	26,672	-	-	26,672	133,396	160,068	-	36	102	78			
-	-	77,967	230,148	230,511	223,237	761,863	-	3,789	-	3,789	404,753	-	404,753	408,542	856,548	-	-	-	524			
-	-	-	-	-	-	-	-	-	-	-	7,021	-	7,021	849,927	856,548	-	-	-	-			
-	1,721,400	1,630,200	1,447,800	1,436,400	1,618,800	7,854,600	-	-	-	355,623	-	-	355,623	1,015,181	1,170,804	21	62	41	-			
-	1,204,007	493,263	396,590	374,632	2,426,427	4,894,859	-	-	-	-	-	-	-	1,162,097	1,162,097	97	97	97	-			
-	4,571	157,901	137,169	88,010	55,544	441	-	-	-	4,571	-	-	4,571	145,520	154,991	100	95	95	-			
-	91,219	511,339	507,019	413,035	396,475	1,921,088	-	-	-	-	-	-	-	188,064	188,064	-	37	31	-			
-	369,529	341,712	267,186	256,761	1,235,186	2,470,274	-	-	-	-	-	-	-	221,990	221,990	60	60	60	-			
-	171,886	378,300	373,258	371,578	369,216	1,562,238	-	-	-	100,075	-	-	100,075	409,115	509,194	47	108	118	86			
-	109,250	125,619	125,619	125,619	125,619	611,726	-	-	-	-	-	-	-	71,402	71,402	-	57	80	-			
-	7,830,274	12,469,021	10,919,282	12,254,262	12,220,301	55,702,140	-	1,745	-	1,745	9,214,899	-	9,214,899	13,492,018	22,708,662	118	108	112	-			
-	10,692,696	17,097,331	14,786,416	15,675,347	15,771,856	79,762,495	-	5,194	-	5,194	10,113,614	-	10,113,614	17,699,714	27,811,862	101	104	103	-			
-	-	428,385	410,428	285,028	281,830	1,405,671	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	71,450	73,938	73,938	73,938	293,264	-	-	-	-	-	-	-	-	-	-	-	-	-			
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-	-	17,768	23,232	28,696	34,160	103,856	-	-	-	-	-	-	-	-	-	-	-	-	-			
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-	-	-	45,000	90,000	90,000	225,000	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	-	55,866	33,121	31,549	32,189	152,718	-	-	-	-	-	-	-	-	-	-	-	-	-			
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Total 2015-2020 CFF LDC CDM Plan Budget Spending										Verified (\$)										Progress (%)				2015-2020 CFF LDC CDM Plan Allocated Budget (\$)	Progress versus Budget (%)	Total 2015-2020 CFF LDC CDM Plan Budget Spending	Spending Group	
Forecasted (\$)										Verified (\$)										Progress (%)								
2015	2016	2017	2018	2019	2020	Total				2015 Verified Results	2016 Verified Results Adjustments	2017 Verified Results Adjustments	Total Verified 2015 Results	2016 Verified 2016 Results	2017 Verified 2016 Results Adjustments	Total Verified 2016 Results	2017 Verified 2017 Results	Total				Total Verified 2015 Results	Total Verified 2016 Results	Total Verified 2017 Results				
5,047,981	22,490,925	27,122,407	8,670,820	8,565,690	7,471,164	79,368,987				5,423,284	157,526	-	5,580,810	36,745,296	-	36,745,296	81,263,423	123,589,529	111	163	300	226						
3,734,880	21,637,164	18,982,583	14,635,456	12,779,711	11,998,335	83,589,138				6,679,382	53,233	-	6,732,615	36,484,740	-	36,484,740	42,665,092	85,882,387	180	169	225	194						
85,119	2,667,268	3,590,629	3,713,141	3,967,713	4,062,922	18,086,792				16,829	19,272	-	36,101	1,710,327	-	1,710,327	3,853,055	5,599,483	42	64	107	84						
688,378	9,539,787	11,575,206	9,992,677	9,936,861	9,216,947	50,948,896				902,420	100,017	-	1,002,437	7,477,148	-	7,477,148	9,802,328	18,281,913	146	78	85	84						
9,556,367	56,335,144	65,399,147	43,425,669	36,974,365	34,253,222	245,938,051				13,021,935	330,048	-	13,351,983	82,417,511	-	82,417,511	153,546,929	245,938,051	140	146	235	190						
248,359	2,946,537	2,978,119	3,030,349	3,103,556	2,641,081	14,948,041				174,012	43,261	-	217,273	2,070,678	-	2,070,678	3,719,255	6,007,206	87	70	125	97						
13,459,178	120,499,812	114,780,248	88,649,324	83,144,329	82,510,851	503,651,742				8,557,843	1,454,631	-	10,012,474	91,172,440	27,300	91,199,740	122,209,659	223,421,873	74	76	106	90						
92,240	6,190,882	19,350,726	18,607,933	14,499,735	12,840,779	73,582,295				-	75,438	-	75,438	5,133,344	-	5,133,344	14,135,700	19,544,482	82	86	73	76						
538,493	14,318,755	8,967,918	6,375,840	6,873,897	6,884,134	44,147,197				148,817	41,141	-	189,958	4,118,040	-	4,118,040	9,227,015	13,735,613	37	80	101	124						
171	679,058	1,196,107	983,546	1,030,810	1,018,296	4,908,397				-	3,133	-	3,133	593,533	-	593,533	489,121	1,085,987	1,949	87	41	39						
10,556	1,003,199	6,859,398	7,302,619	5,731,714	4,282,509	25,189,995				-	-	-	-	-	-	-	5,396,030	5,396,030	-	-	-	79	69					
1,304,179	14,518,615	33,796,935	41,337,560	54,490,725	32,272,538	177,846,752				327,963	312,940	-	670,903	7,639,163	-	7,639,163	14,057,496	22,987,562	51	53	42	45						
293,586	5,073,205	7,669,931	8,543,489	8,935,296	9,292,420	39,807,931				156,835	32,158	-	188,993	2,125,631	-	2,125,631	5,444,128	7,758,734	64	42	71	60						
13,632	214,194	1,003,302	559,225	519,842	523,344	2,833,539				9,180	10,326	-	19,506	56,120	-	56,120	363,180	438,806	143	26	36	36						
1,129,112	21,562,935	-	-	-	-	24,692,047				-	-	-	-	-	-	-	-	-	-	-	-	-	-					
-	6,496,645	-	-	-	-	6,496,645				-	-	-	-	-	-	-	-	18,939	18,939	-	0	-	-					
17,007,466	195,522,841	196,602,684	175,790,285	178,329,953	152,285,152	915,598,581				9,406,650	1,973,228	-	11,377,878	113,581,309	27,300	113,608,609	185,492,451	310,478,538	67	58	94	76						
-	127,050	381,246	381,246	381,246	381,246	1,652,034				-	-	-	-	26,672	-	26,672	477,696	504,368	-	21	125	99						
-	-	232,767	986,510	772,193	707,079	2,698,549				-	3,789	-	3,789	541,536	-	541,536	-	545,325	-	-	-	234						
-	2,846,400	3,674,700	2,743,300	2,946,400	2,963,800	15,174,600				-	-	-	-	7,021	-	7,021	1,226,680	1,233,701	-	-	-	-						
-	-	2,527,580	2,262,012	2,565,269	2,584,425	9,599,286				-	-	-	-	-	-	-	-	-	-	-	-	-						
-	4,571	337,062	352,339	165,378	100,511	969,861				-	-	-	-	4,571	-	4,571	275,098	283,669	-	100	83	83						
-	93,210	3,000,526	3,350,835	2,019,304	1,814,208	10,116,092				-	-	-	-	-	-	-	191,927	191,927	-	-	-	-						
-	-	2,585,854	2,799,761	2,673,760	2,543,735	10,603,110				-	-	-	-	-	-	-	938,990	938,990	-	-	-	-						
-	316,414	2,134,360	1,470,796	1,249,698	807,233	5,578,492				-	-	-	-	100,075	-	100,075	2,157,893	2,257,568	-	82	101	92						
-	199,250	1,288,676	4,347,368	4,127,368	2,452,333	12,465,295				-	-	-	-	-	-	-	71,492	71,492	-	-	-	-						
-	7,839,274	12,469,021	10,919,282	12,254,262	12,220,301	55,792,140				-	1,745	-	1,745	9,214,899	-	9,214,899	13,612,018	22,828,662	-	118	109	112						
-	11,354,178	28,632,092	29,303,449	29,252,788	26,574,869	125,070,376				-	5,534	-	5,534	10,250,397	-	10,250,397	23,693,273	33,949,204	-	96	83	85						
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-	-	3,217,008	2,683,115	2,557,715	2,099,980	10,557,818				-	-	-	-	-	-	-	-	-	-	-	-	-						
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-	-	118,549	121,657	116,527	116,507	479,240				-	-	-	-	-	-	-	-	-	-	-	-	-						
-	-	17,768	23,232	28,698	34,160	109,856				-	-	-	-	-	-	-	-	-	-	-	-	-						
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This image shows a blank ledger page with a complex grid structure. The page is divided into four main vertical sections by three vertical lines. Each section contains a header row at the top, followed by several rows of data. The header row is the most detailed, with many small columns for recording specific information. The data rows are simpler, with fewer columns. The page is designed for detailed accounting or record-keeping.

2017 Final Verified Annual LDC CDM Program Results Report
Methodology

General

All results are at the end-user level, i.e. not including losses as a result transmission and distribution lines.

2015 results are based on projects completed between January 1, 2015 and December 31, 2015; 2016 results are based on projects completed between January 1, 2016 and December 31, 2016; and 2017 results are based on projects completed between January 1, 2017 and December 31, 2017.

The 2015 verified results considers projects reported to the ESO between January 1, 2015 and March 31, 2016; the 2016 verified results considers projects reported to the ESO between April 1, 2016 and April 15, 2017; the 2017 verified results considers projects reported to the ESO between April 16, 2017 and April 15, 2018.

Legacy Framework results are based on projects began prior to an LDC's transition to the Conservation First Framework program and completed by December 31, 2015. Conservation First Framework results are based on projects began on or after an LDC's transition to the Conservation First Framework program and projects transferred to the Conservation First Framework through a valid Extension Agreement for eligible Programs.

Savings Calculations

#	Project Type	Attributing Savings to LDCs
1	Prescriptive Measures and Projects Programs	Gross Reported Savings = Activity * Per Unit Assumption Savings Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Savings = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
2	Engineered and Custom Projects / Programs	Gross Reported Savings = Reported Savings Gross Verified Savings = Gross Reported Savings * Realization Rate Net Verified Savings = Gross Verified Savings * Net-to-Gross Ratio All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)
3	Adjustments to Previous Years' Verified Results	All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the annual effect of energy savings.

Cost Determination

Costs are determined and allocated to the period based on the date the cost has been reported to the ESO regardless of when the cost was incurred.

E.g. if an LDC reports by the December 2017 ESO Reporting Period: 1) program savings; and 2) Participant Incentives, associated with a 2017 completed project, as well as 3) Administrative Expenses; then: a) the savings; b) expenditures; and c) corresponding cost effectiveness, are attributed to the 2017 program year.

However if the same is reported in or after the January 2018 ESO Reporting Period, only the i) the savings and ii) costs for the purposes of Cost Effectiveness Test calculations will be attributed to the 2017 program year; The expenditures for the purposes of spending reporting (in the Monthly Participation & Cost Report and this Verified Annual LDC CDM Program Results Report) will be allocated to the 2018 program year and will not appear.

2015-2020 Conservation First Framework

#	Program	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	Save on Energy Cogen Program	LDC coded coupons directly attributed to LDC. Otherwise results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the cogen was reclaimed.	
2	Save on Energy Instant Discount Program	Results are allocated based on Consumer Program Allocation Reference Table.	April 15, 2018	Savings are considered to begin in the year in which the event occurred.	
3	Save on Energy Heating & Cooling Program	Results are directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the update in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
4	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in LDC Report.	April 15, 2018	Savings are considered to begin in the year of the project completion date.	
5	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	
6	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
7	Save on Energy Retrofit Program	Projects are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date as reported in the LDC Report.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting projects, engineered/custom/prescriptive track).
8	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the update of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
9	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
10	Save on Energy Existing Building Commissioning Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM LDC Report Template. Preliminary unverified net savings are calculated by multiplying reported savings by 2016 Net-to-Gross ratios and realization rates.
11	Save on Energy Business Refrigeration Incentive Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
12	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the project was in service.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
13	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager.	
14	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	

2011-2014-2015 Extension Legacy Framework

#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	useOnEnergy Appliance Retirement Initiative	2015 Results only. Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	April 15, 2018	Savings are considered to begin in the year the appliance is picked up.	
2	useOnEnergy Conservation Instant Coupon Booklet	2015 Results only. LDC coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the coupon was reclaimed.	
3	useOnEnergy Bi-Annual Retailer Event	2015 Results only. Results are allocated based on average of 2008 & 2009 residential throughput.	April 15, 2018	Savings are considered to begin in the year in which the event occurs.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the update in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
4	useOnEnergy HVAC Incentives	2015 Results only. Results directly attributed to LDC based on customer applications and postal code.	April 15, 2018	Savings are considered to begin in the year that the installation occurred.	
5	useOnEnergy Residential New Construction	2015 Results only. Results are directly attributed to LDC based on LDC identified in application in the Con system.	April 15, 2018	Savings are considered to begin in the year of the project completion date.	
6	useOnEnergy Energy Audit	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
7	useOnEnergy Efficiency Equipment Replacement	2015 Results only. Results are directly attributed to LDC based on LDC identified at the facility level in the Con system. Projects in the Application Status: "Post-Stage Submission" are included (including "Payment denied by LDC"). Please see page for Building Type to Sector mapping.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date in the CDM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the CDM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track). Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2015.
8	useOnEnergy Direct Installed Lighting	2015 Results only. Results are directly attributed to LDC based on the LDC specified on the work order.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the update of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
9	useOnEnergy New Construction and Major Renovation Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	
10	useOnEnergy Existing Building Commissioning Incentive	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
11	useOnEnergy Process & System Upgrades	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	
12	useOnEnergy Energy Manager	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EMDV protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
13	useOnEnergy Monitoring & Targeting	2015 Results only. Results are directly attributed to LDC based on LDC identified in application.	April 15, 2018	Savings are considered to begin in the year in which the incentive project was completed.	
14	useOnEnergy Home Assistance Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	
15	Assigned Consumption Program	2015 Results only. Results are directly attributed to LDC based on LDC identified in the application.	April 15, 2018	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the update of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
16	Program Enabled Savings	2015 Results only.	April 15, 2018		

2017 Final Verified Annual LDC CDM Program Results Report
Consumer Program Allocation Reference Table

#	Local Distribution Company	Allocation (%)
1	Albion Utilities Corporation	19.77
2	Algoma Power Inc.	0.18
3	Alkanton Hydro Inc.	0.02
4	Altonville Power Corporation	0.01
5	Alumina Power Distribution Corporation	0.62
6	Barfield Power Inc.	0.07
7	Burlington Hydro Inc.	1.34
8	Canadian Niagara Power Inc.	0.25
9	Centre Wellington Hydro Ltd.	0.11
10	Chapleau Public Utilities Corporation	0.03
11	COGILCO PowerStream Corp.	0.25
12	Cooperative Hydro Enduron Inc.	0.06
13	C.L.K. Energy Inc.	0.25
14	Coogen Inc.	1.12
15	Coquihale PowerGen Inc.	0.70
16	Creston Utilities Ltd.	1.49
17	Crow PowerGen Corporation	0.32
18	Cummins Regional Hydro Distribution Corporation	0.06
19	Cummins PowerGen Corporation	0.61
20	Cutcliffe Hydro Inc.	0.32
21	Fort Albany Power Corporation	0.01
22	Fort Frances Power Corporation	0.03
23	Ganaraska Hydro Inc.	0.80
24	Grimsey Power Incorporated	0.18
25	Gravelly Hydro Electric Systems Inc.	0.85
26	Haydon Mills Hydro Inc.	0.59
27	Heard Power Distribution Company Limited	0.05
28	Hydro 2000 Inc.	0.04
29	Hydro New Brunswick Inc.	0.15
30	Hydro One Networks Inc.	27.29
31	Hydro Ottawa Limited	6.61
32	IndusPower Corporation	0.33
33	Interstream Power Corporation	0.03
34	Kanara Hydro Electric Corporation Ltd.	0.09
35	Kingston Hydro Corporation	0.29
36	Kitchener-Mitchell Hydro Inc.	1.51
37	Lakeland Utilities Inc.	0.11
38	Lakeland Power Distribution Ltd.	0.23
39	Lambton Hydro Inc.	2.61
40	Midland Power Utility Corporation	0.10
41	Milton Hydro Distribution Inc.	0.66
42	Muskrat Falls Tap Power Distribution Ltd.	0.60
43	Nagara Pentacle Energy Inc.	0.82
44	Nagara-on-the-Lake Hydro Inc.	0.13
45	North Bay Hydro Distribution Limited	0.42
46	Northern Ontario Mines Inc.	0.09
47	Ontario Hydro Electricity Distribution Inc.	1.51
48	Orangeville Hydro Limited	0.20
49	Oroville Power Distribution Corporation	0.22
50	Ottawa PUC Networks Inc.	1.48
51	Ottawa River Power Corporation	0.12
52	Peterborough Distribution Incorporated	0.46
53	PUC Distribution Inc.	0.05
54	Parkview Hydro Inc.	0.05
55	William D. Lawrence Distribution Inc.	0.07
56	Seaton Lakes Hydro Inc.	0.08
57	St. Thomas Energy Inc.	0.28
58	Thunder Bay Hydro Electricity Distribution Inc.	0.83
59	Tillamook Hydro Inc.	0.12
60	Toronto Hydro Electric System Limited	15.57
61	Unionville Connections Inc.	2.20
62	Waukena Distribution Inc.	0.18
63	Waterloo North Hydro Inc.	0.06
64	Welland Hydro Electric System Corp.	0.31
65	Wellington North Power Inc.	0.06
66	West Coast Power Energy Inc.	0.50
67	Whitby Power Inc.	0.27
68	Whitby Hydro Electric Corporation	1.12
Total		100.00

2017 Final Verified Annual LDC CDM Program Results Report

Glossary

#	Term	Definition
Reporting Terms		
1	Forecast	An LDC's forecast of program activity, savings, net-to-gross adjustments, expenditures, and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools. Forecasts at the province wide level are the sum of all LDC's forecasts.
2	Reported	Program activity savings and expenditures as determined by the LDC. For savings: 1) for prescriptive projects/programs: calculated quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescriptive methodologies.
3	Verified	The ISO's annually EM&V assessed program activity, savings, net-to-gross, expenditures and cost effectiveness. Preliminary Verified results are provided by June 1st of each year and Final Verified results are provided by July 1st of each year.
4	Adjustment	Verified results that were achieved in previous years but were not provided in a previous year's Annual Verified Results Report.
5	Progress or Comparison	An assessment of Actual results versus Verified results.
Framework Terms		
6	2011-2014+2015 Extension Legacy Framework	Programs in market from 2011-2015 resulting from the April 23, 2010 GEA CDM Ministerial Directive and funded separately from 2015-2020 Conservation First Framework Programs but whose savings in 2015 are attributed towards the 2015-2020 Conservation First Framework target.
7	2015-2020 Conservation First Framework	Programs in market from 2015-2020 resulting from the March 31, 2014 CFT Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
8	LDC Innovation Fund	A source of funding under the 2015-2020 Conservation First Framework separate from LDC CDM Plan budgets that the ISO maintains to support LDC led program design and market testing of new initiatives. Savings from LDC Innovation Fund pilot programs contribute to the LDC savings targets based on the LDC service territory the pilot program is delivered in.
9	Conservation Fund	A source of funding external to the 2015-2020 Conservation First Framework that provides financial support for innovative electricity conservation technologies, practices, research, and pilot programs. Savings from Conservation Fund pilot programs contribute to the LDC savings targets based on the LDC service territory the pilot program is delivered in.
Programs Terms		
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Coupons or Rebates) from the 2015-2020 Conservation First Framework.
11	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
12	Regional Program	Programs designed by LDCs to serve their region and approved by the ISO.
13	Local Program	Programs designed by LDCs to serve their communities and approved by the ISO.
14	Pilot Program	A program pilot that may achieve energy or demand savings and is funded separately from an LDC's CDM Plan Budget.
15	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (e.g. Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
Activity Terms		
16	Participation	A measure of the level of program participation, such as number of projects, homes, equipment, etc.
17	Unit of Measure	For a specific initiative the relevant type of participation acquired in the market place (e.g. appliances picked up, coupon products installed, HVAC equipment installed, audits performed, or projects completed).
Savings Terms		
18	Energy Savings	Energy savings attributable to conservation and demand management activities.
19	Peak Demand Savings	Peak Demand savings attributable to conservation and demand management activities, as determined by the ISO's EM&V Protocols.
20	Incremental Savings	The energy or peak demand savings newly attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'. Savings attributed to activity performed or completed in 2016 are presented as 2016 savings.
21	First Year Savings	The energy or peak demand savings that occur in the year it was achieved (includes resource savings from only new program activity).
22	Annual Savings	The energy or peak demand savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
23	Gross Savings	The energy or peak demand savings that have been reported based on a conservation and demand management program's participation tracking.
24	Net Savings	The energy or peak demand savings attributable to conservation and demand management activities, net of free-riders, spillover, etc.
25	Realization Rate	A comparison of originally reported savings and observed or measured savings that adjusts reported savings to arrive at verified savings. Accounts for discrepancies such as audited measure counts, adjustment for connected demand savings to peak demand savings, etc.
26	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership, spillover, etc.
27	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.
28	Spillover	Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.
29	Allocated Target	Each LDC's assigned portion of the Province's 7 TWh Net 2020 Annual Energy Savings Target of the 2015-2020 Conservation First Framework.
Costs Terms		
30	Participant Incentive	Costs incurred in the delivery of a program related to incentivizing participants to perform peak demand or energy savings.
31	LDC Administrative Expense	Costs reported by the LDC in the delivery of a program related to labour, marketing, third-party expenses, etc.
32	ISO Value Added Services Cost	Costs incurred by the ISO's Value Added Service Provider related to associated programs (Coupons and Rebates & Cooling), and charged to the LDC in which the program's activity took place.
33	Total Administrative Expense	The sum of LDC Administrative Expense and ISO Value Added Services Cost.
34	Delivery Cost	The sum of Total Administrative Expenses and Participant Incentives. All costs are presented based on the period reported by LDCs to the ISO, not necessarily associated with reported activity. E.g. If an LDC reports by the December 2016 ISO Reporting Period: 1) program savings; 2) Participant Incentives; and 3) Administrative Expenses associated with a 2015 completed project, then: a) the savings; b) expenditures; and c) corresponding cost effectiveness; are attributed to the 2016 program year. However if the same is reported in or after the January 2017 ISO Reporting Period: 1) the savings will be attributed to the 2016 program year; 2) the expenditures will be attributed to the 2017 program year and will not appear in the 2016 Verified Results Report; but 3) the project's Participant Incentives will be used to calculate 2016 Cost Effectiveness;
35	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
Cost Effectiveness Terms		
36	Total Resource Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on the total costs of the program including both participants' and utility's costs.
37	Program Administrator Cost Cost Effectiveness Test	A cost effectiveness test that measures the net cost of CDM based on costs incurred by the program administrator, including incentive costs and excluding net costs incurred by the participant.
38	Levelized Unit Energy Cost Cost Effectiveness Test	A cost effectiveness test that normalizes the costs incurred by the program administrator per unit of energy or demand reduced.