

Final 2015 Annual Verified Results Report

Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2016

The IESO is pleased to provide the Final 2015 Annual Verified Results Report including final 2015 Project Lists and EM&V Key Findings & FAQs. Collectively LDCs achieved 1.1 TWh of energy savings persisting to 2020 – representing 16% of the 7 TWh target. These results were achieved through both Legacy Framework and Conservation First Framework (CFF) programs. The results indicate a smooth transition between frameworks and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

The IESO remains committed to supporting LDCs in the delivery of conservation programs and 2015 marked some significant milestones, including the completion and approval of over 40 CDM plans and the implementation of 14 pilot programs and 5 local programs. Other highlights include:

- Business sector accounted for 79% of the net energy savings persisting to 2020 with the remainder 21% through the Residential sector.
- The Coupons program shifted toward ENERGY STAR® rated LED lighting, accounting for roughly 90% of coupons redeemed.
- The Retrofit program participation increased nearly 20%, and net energy savings increased by over 50% over 2014 results. Net-to-gross adjustments are trending higher than previous years, minimum of a 75% net-to-gross in all regions.
- The Process & Systems Upgrades program achieved a 20% increase in Capital Incentive projects totalling 12 in all, including 4 Behind-the-Meter Generation, and a broad spectrum of industrial processes and end-uses.

2015 also marks the first year that regional and local net-to-gross values have been employed where possible in certain programs, providing LDCs with a more granular analysis on their individual results.

CFF provides many opportunities to support LDCs in achieving their energy targets and delivering value to customers. Through increased flexibility for LDCs to design and deliver programs based on local needs and fostering collaboration and innovation through enhanced program funding opportunities we are well positioned to achieve success in delivering effective conservation programs to all customers.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and as we look ahead to the remainder of 2016, the IESO will be focusing on improving its communication and support services to further enhance the participation in conservation programs for both LDCs and customers.

Please continue to monitor Save on Energy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final 2015 Annual Verified 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	<p>A high level summary of the Final 2015 Annual Verified Results Report, including:</p> <ol style="list-style-type: none"> 1) progress toward the LDC's <ol style="list-style-type: none"> a) Allocated 2020 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: <ol style="list-style-type: none"> a) contribution to 2020 Target Achievement by program; b) 2015 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 Progress	<p>A comprehensive report of 2015 conservation results including:</p> <ol style="list-style-type: none"> 1) activity; 2) savings including: <ol style="list-style-type: none"> a) energy and 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. <p>Data is grouped by category and summarized at the LDC level.</p>
4	Province-Wide Progress	<p>A comprehensive report of 2015 conservation results including:</p> <ol style="list-style-type: none"> 1) activity; 2) savings including: <ol style="list-style-type: none"> a) energy and 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. <p>Data is grouped by category and summarized at the province-wide level.</p>
5	IESO Value Added Services Costs	Provision of the LDCs and the Province-Wide aggregated IESO Value Added Services activity and costs for each year.
6	Methodology	Description of the methods used to calculate energy savings, financial results and cost-effectiveness.
7	Reference Tables	Consumer Program Province-Wide results allocation to specific LDCs.
8	Glossary	Definitions for the terms used throughout this report.

Final 2015 Annual Verified Results Report

How to use this 2015 Annual Verified Results Report

The IESO is pleased to provide you with the 2015 Annual Verified Results Report.

This report provides:

- 1) electricity savings;
 - 2) annual Full Cost Recovery funding model program progress; and
 - 3) peak demand savings;
 - 4) IESO Value Added Services Costs
- in accordance with Section 9.2(b)(i) of the Energy Conservation Agreement.

In addition to the above, this report also provides in greater detail:

- 1) program participation results including:
 - a) forecasts; b) actuals; and c) progress (forecast versus (vs) actuals);
- 2) program savings results including:
 - a) net 2020 annual energy savings;
 - b) allocated target, target achievement and progress towards target;
 - c) incremental net first year energy savings;
 - d) incremental net first year demand savings;
 - e) annual net-to-gross and realization rate adjustments;
 - f) incremental gross first year energy savings; and
 - g) incremental gross first year demand savings;

and where available reported by: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);
- 3) program spending including:
 - a) participation incentive spending;
 - b) administrative expense spending (including IESO value-added services costs);
 - c) aggregated total spending;

and for each cost: i) forecasts; ii) verified actuals; and iii) progress (forecast vs actuals);

by both the LDC specific level and the province-wide aggregated level.

This report's format is consistent with the IESO issued Monthly Participation and Cost Report in that it is a dynamic sheet that can be expanded or collapsed by clicking the + button or "Show Detail" feature under the Data tab. Each of the four results categories listed above have been grouped together for easy accessibility.

12/23	AE	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	
1	Province-Wide Progress				Participation	Progress Towards 2020 Net Annual Energy Savings Target	Net Incremental First Year Energy Savings	Net Incremental First Year Peak Demand Savings	Net-to-Gross and Realization Rate Adjustments - Actual	Gross Incremental First Year Energy Savings	Gross Incremental First Year Peak Demand Savings	Savings Group	Participant Incentive Spending	Administrative Expense Spending	Total Spending	Spending Group	Total Resource Cost - Cost Effectiveness Test - Actual	Program Administrator Cost - Cost Effectiveness Test - Actual	Levelized Unit Energy Cost - Cost Effectiveness Test - Actual	Cost Effectiveness Tests Group										
2	Programs																													
3																														
4																														
5																														
6	2011-2014+2015 Extension Legacy Framework Programs																													
7	Residential Program																													
8	1) Energy Audit Initiative																													
9	2) On-Annual Perimeter Event Initiative																													
10	3) Appliance Replacement Initiative																													
11	4) HVAC Incentive Initiative																													
12	5) Residential New Construction and Major Renovation Initiative																													
13	Sub-total - Residential Program																													
14	Commercial & Institutional Program																													
15	1) Energy Audit Initiative																													
16	2) Efficiency Equipment Replacement Incentive Initiative																													
17	3) Commercial Lighting and HVAC Heating Initiative																													
18	4) New Construction and Major Renovation Initiative																													
19	5) Existing Building Commissioning Incentive Initiative																													
20	Sub-total - Commercial & Institutional Program																													
21	Industrial Program																													
22	1) Process and Systems Upgrades Initiative - Project Incentive Initiative																													
23	2) Process and Systems Upgrades Initiative - Monitoring and Targeting Initiative																													
24	3) Process and Systems Upgrades Initiative - Energy Manager Initiative																													
25	Sub-total - Industrial Program																													
26	Low Income Program																													
27	1) Low Income Initiative																													
28	Sub-total - Low Income Program																													

Please note:

- 1) Cost Effectiveness Test (CET) results including:
 - a) total resource cost test;
 - b) program administration cost test;
 - c) levelized unit energy cost test;

and for each test: i) benefits; ii) cost; iii) net benefit; iv) benefit ratio;

will not be available for the 2015 program year in this report but will be provided to LDCs in August 2016.
- 2) forecasts of: a) activity; b) savings; and c) spending; included in this report are based on LDC submitted and IESO received CDM Plan - Cost Effectiveness Tools as of May 16, 2016 (from the i) Program Design; ii) Budget Inputs; iii) Savings Results; and iv) CE Results; worksheets); Please note that this does not contain data for Legacy Framework program spending or CFF pilot program activity, savings, spending or cost effectiveness.
- 3) Annual FCR Progress only includes Full Cost Recovery funded program savings. In future reports, any Pay-for-Performance funded programs will be reported as a separate line item.
- 4) The complete list of programs and pilots launched into market in 2015 has been included, however no programs and pilots were in market for a sufficient period of time to enable a valid EM&V process. Therefore these programs and pilots have nothing to report at this time and have cells greyed out rather than reporting zero savings or spending. Any results in 2015 will be determined in a subsequent EM&V process and will be included in a future year's Annual Verified Results Report as a 2015 adjustment;
- 5) Pilot program savings are attributed to the LDC where the pilot program project is located in; and
- 6) This Annual Verified Results Report provides results for the LDC and province only. No aggregated

Final 2015 Annual Verified Results Report
Summary

For: **Lakeland Power Distribution Ltd.**

Target Achievement

#	Metric	2015 Verified Results	2015-2020 Total CDM Plan Forecast	2015 Verified Results versus CDM Plan (%)	2015-2020 Total Allocated Target / Budget	2015 Verified Results versus Allocated Target / Budget (%)	LDC Ranking in the Province out of 75 (2015 Verified Results versus Allocated Target / Budget (%))
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	4,432,711	15,832,919	28	15,770,000	28	9
2	Total Spending (\$)	0	4,142,391	0	4,142,391	0	30

Annual Results

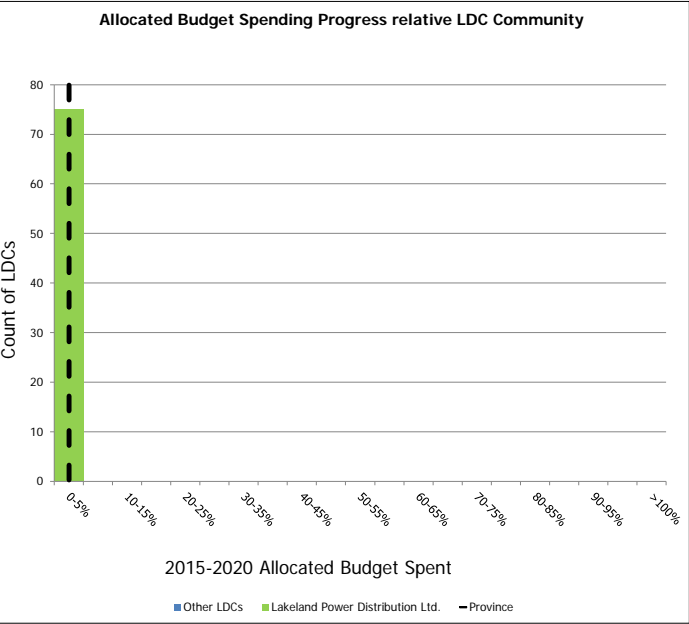
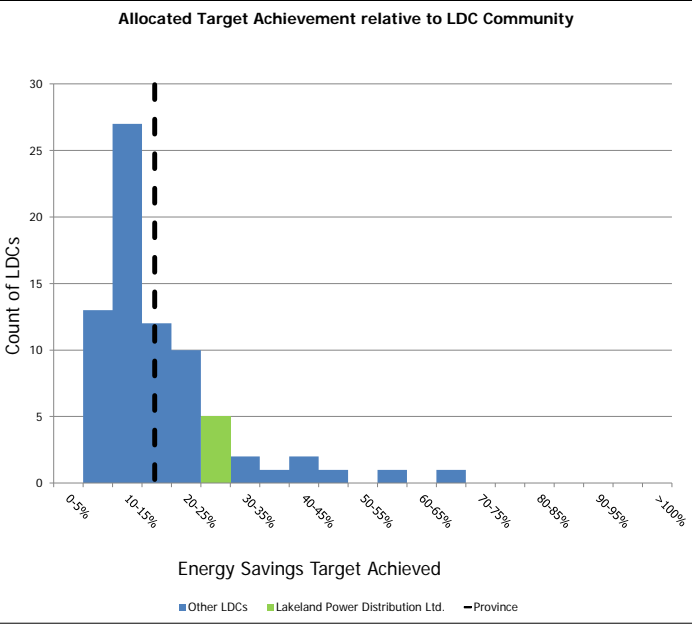
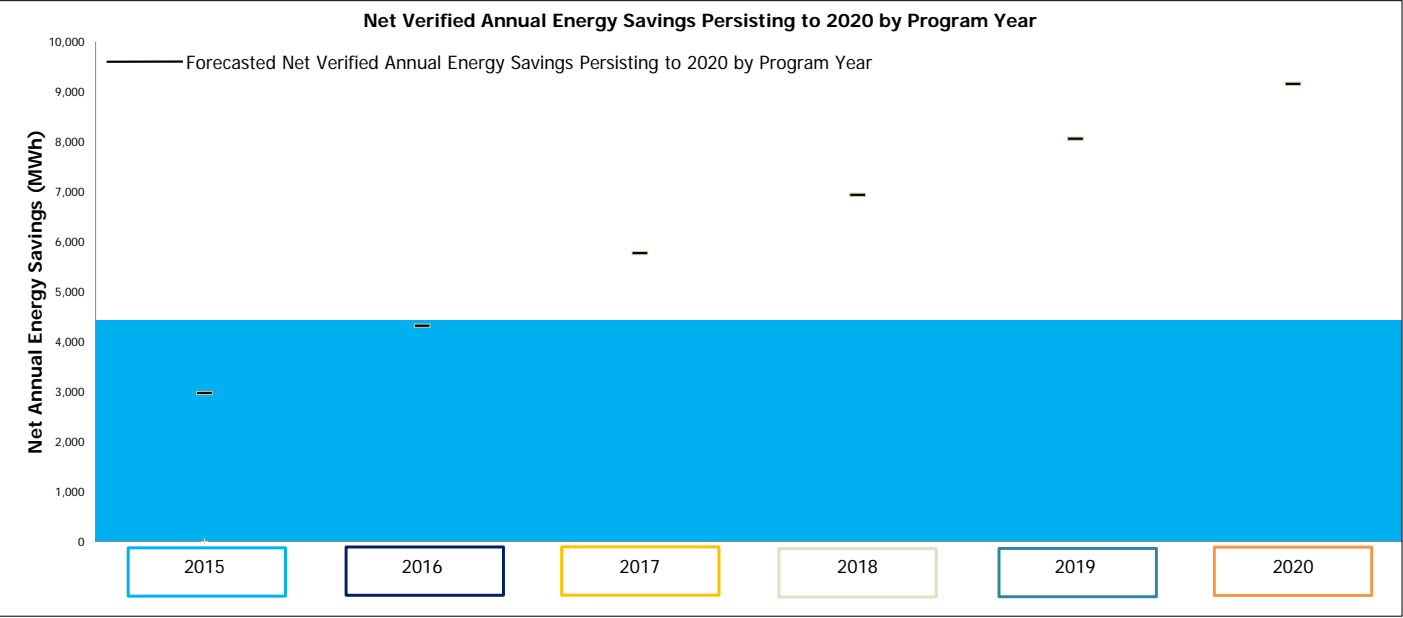
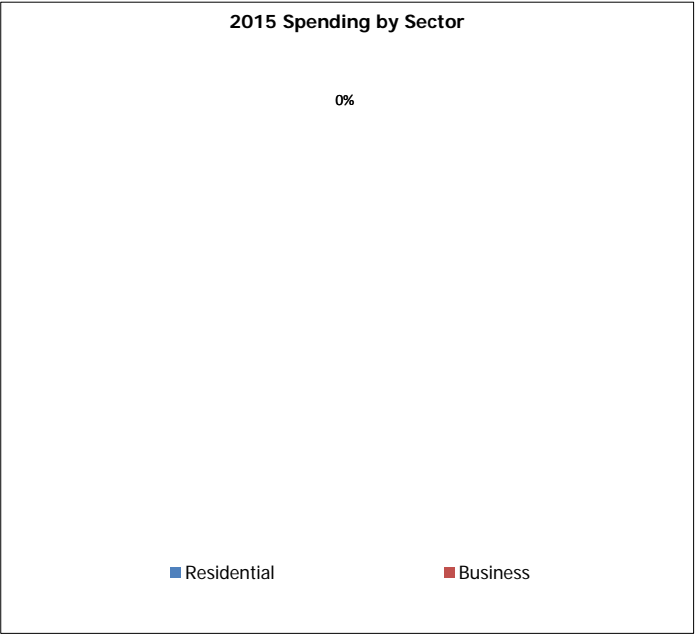
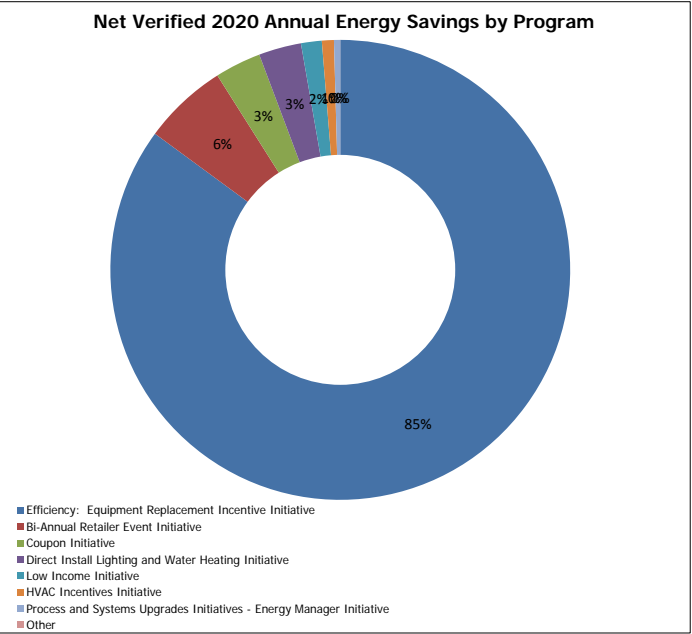
#	Metric	2015	2016	2017	2018	2019	2020	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	4,432,711						4,432,711
2	Net Verified Incremental First Year Energy Savings (MWh)	4,911,454						4,911,454
3	Total Spending (\$)	0						0
4	Total Resource Cost Test (Ratio)	n/a						n/a
5	Program Administrator Cost Test (Ratio)	n/a						n/a
6	Levelized Unit Energy Cost Result (\$/kWh)	n/a						n/a

Annual Full Cost Recovery Progress

#	Metric	Result
1	Net Verified 2015 Annual Energy Savings from Full Cost Recovery Programs (MWh)	4,911,454
2	Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh)	2,973,916
3	Annual Full Cost Recovery Progress (%)	165

Budget Progress

#	Metric	Result
1	2015 Spending (\$)	0
2	2015 CDM Plan Budget (\$)	0
3	CDM Plan Budget Progress (%)	0



Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Willmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total

Participation ^

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
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45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Progress Towards 2020 Net Annual Energy Savings Target ^

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
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49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Net Incremental First Year Energy Savings >

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
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13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
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49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Net Incremental First Year Peak Demand Savings ^

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Willmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Net-to-Gross and Realization Rate Adjustments - Actual

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program

1	Coupon Initiative
2	BI-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program

6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program

11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program

14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program

22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program

26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Performance Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
	Sub-total - Business Province-Wide Program

Local & Regional Program

34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program

37	Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Value Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydraulic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydraulic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other

51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total	100	100	100
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Gross Incremental First Year Energy Savings >

Gross Incremental First Year Peak Demand Savings >

Savings Group >

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - O
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total

Participant Incentive Spending ^

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Willmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Administrative Expense Spending ^

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program

1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program

6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program

11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program

14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program

15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other

19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	1,000,000	1,000,000	1,000,000
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program

22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program

26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Performance Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
	Sub-total - Business Province-Wide Program

Local & Regional Program

34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program

37	Ensource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PPF - Large (Pilot Savings)
Sub-total - Pilot Program	

Other

51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total	100	100	100
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Total Spending >

Spending Group >

Lakeland Power Distribution Ltd. Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - O
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Total Resource Cost - Cost Effectiveness Test - Actual

Program Administrator Cost - Cost Effectiveness Test - Actual

Levelized Unit Energy Cost - Cost Effectiveness Test - Actual

Cost Effectiveness Tests Group

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total

Participation ^

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Willmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Progress Towards 2020 Net Annual Energy Savings Target ^

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Willmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Net Incremental First Year Energy Savings >

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
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43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
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45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Net Incremental First Year Peak Demand Savings >

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
45	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agric
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Net-to-Gross and Realization Rate Adjustments - Actual

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
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46	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic
47	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls
48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Gross Incremental First Year Energy Savings >	Gross Incremental First Year Peak Demand Savings >	Savings Group >

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - O
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
44	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV
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48	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)
49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Participant Incentive Spending ^

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
42	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil
43	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot
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49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Administrative Expense Spending ^

Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

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

2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
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49	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)
50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework

Total

Total Spending	Spending Group
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Province-Wide Progress

#	Programs

2011-2014+2015 Extension Legacy Framework Programs

Residential Program	
1	Coupon Initiative
2	Bi-Annual Retailer Event Initiative
3	Appliance Retirement Initiative
4	HVAC Incentives Initiative
5	Residential New Construction and Major Renovation Initiative
Sub-total - Residential Program	

Commercial & Institutional Program	
6	Energy Audit Initiative
7	Efficiency: Equipment Replacement Incentive Initiative
8	Direct Install Lighting and Water Heating Initiative
9	New Construction and Major Renovation Initiative
10	Existing Building Commissioning Incentive Initiative
Sub-total - Commercial & Institutional Program	

Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative
Sub-total - Industrial Program	

Low Income Program	
14	Low Income Initiative
Sub-total - Low-Income Program	

Pilot Program	
15	Loblaws Pilot
16	Social Benchmarking Pilot
17	Conservation Fund Pilot - SEG
18	Conservation Fund Pilot - EnerNOC
Sub-total - Pilot Program	

Other	
19	Aboriginal Conservation Program
20	Program Enabled Savings
21	Adjustments to 2015 Legacy Framework Verified Results
Sub-total - Other	

Sub-total - 2011-2014+2015 Extension Legacy Framework	
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2015-2020 Conservation First Framework Programs

Residential Province-Wide Program	
22	Save on Energy Coupon Program
23	Save on Energy Heating and Cooling Program
24	Save on Energy New Construction Program
25	Save on Energy Home Assistance Program
Sub-total - Residential Province-Wide Program	

Business Province-Wide Program	
26	Save on Energy Audit Funding Program
27	Save on Energy Retrofit Program
28	Save on Energy Small Business Lighting Program
29	Save on Energy High Performance New Construction Program
30	Save on Energy Existing Building Commissioning Program
31	Save on Energy Process & Systems Upgrades Program
32	Save on Energy Monitoring & Targeting Program
33	Save on Energy Energy Manager Program
Sub-total - Business Province-Wide Program	

Local & Regional Program	
34	Business Refrigeration Local Program
35	First Nation Conservation Local Program
36	Social Benchmarking Local Program
Sub-total - Local & Regional Program	

Pilot Program	
37	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - C
38	EnWin Utilities Ltd. - Building Optimization Pilot
39	EnWin Utilities Ltd. - Re-Invest Pilot
40	Horizon Utilities Corporation - ECM Furnace Motor Pilot
41	Horizon Utilities Corporation - Social Benchmarking Pilot
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50	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)
Sub-total - Pilot Program	

Other	
51	Adjustments to 2015 CFF Verified Results
52	Adjustments to 2016 CFF Verified Results
53	Adjustments to 2017 CFF Verified Results
54	Adjustments to 2018 CFF Verified Results
55	Adjustments to 2019 CFF Verified Results
Sub-total - Other	

Sub-total - 2015-2020 Conservation First Framework	
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Total	
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Total Resource Cost - Cost Effectiveness Test - Actual

Program Administrator Cost - Cost Effectiveness Test - Actual

Levelized Unit Energy Cost - Cost Effectiveness Test - Actual

Cost Effectiveness Tests Group

Final 2015 Annual Verified Results Report

IESO Value Added Services Costs (as of March 31, 2016)

# Reporting Level		Program	Unit of Measure	Units (#)							Administrative Expenses (\$)						
				2015	2016	2017	2018	2019	2020	Total	2015	2016	2017	2018	2019	2020	Total
1	Lakeland Power Distribution Ltd.	Save on Energy Coupon Program	Coupons	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2		Save on Energy Heating and Cooling Program	Applications	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Province Wide	Save on Energy Coupon Program	Coupons	785,625	0	0	0	0	0	785,625	1,374,844	0	0	0	0	0	1,374,844
4		Save on Energy Heating and Cooling Program	Applications	20,446	0	0	0	0	0	20,446	265,798	0	0	0	0	0	265,798
Total			806,071	0	0	0	0	0	806,071	1,640,642	0	0	0	0	0	1,640,642	

Final 2015 Annual Verified Results Report Methodology

General

All results are at the end-user level (not including transmission and distribution losses) and are based on activity completed on or after January 1, 2015 and on or before December 31, 2015 and reported to IESO by March 31, 2016.

Savings Calculations

#	Project Type	Equations
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.

2011-2014+2015 Extension Legacy Framework Initiatives

#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings
1	saveONenergy Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	March 31, 2016	Savings are considered to begin in the year in which the coupon was redeemed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
2	saveONenergy BI-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	March 31, 2016	Savings are considered to begin in the year in which the event occurs.	
3	saveONenergy Appliance Retirement	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.	March 31, 2016	Savings are considered to begin in the year the appliance is picked up.	
4	saveONenergy HVAC Incentives	Results directly attributed to LDC based on customer applications and postal code.	March 31, 2016	Savings are considered to begin in the year that the installation occurred.	
5	saveONenergy Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system.	March 31, 2016	Savings are considered to begin in the year of the project completion date.	
6	saveONenergy Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	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 EM&V 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	saveONenergy Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	March 31, 2016	Savings are considered to begin in the year of the actual project completion date in the iCon system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCon system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V 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 2014)					
9	saveONenergy Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	March 31, 2016	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 uptake 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 take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
10	saveONenergy New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year in which the incentive project was completed.	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 EM&V 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	saveONenergy Existing Building Commissioning Incentive		March 31, 2016		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 EM&V 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).
12	saveONenergy Process & System Upgrades		March 31, 2016		
13	saveONenergy Monitoring & Targeting		March 31, 2016		
14	saveONenergy Energy Manager		March 31, 2016		
14	saveONenergy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	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 uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
15	Aboriginal Conservation Program		March 31, 2016		

2015-2020 Conservation First Framework Programs

#	Program	Attributing Savings to LDCs	Project List Date	Savings 'Start' Date	Calculating Resource Savings
1	Save on Energy Coupon Program	LDC-coded coupons directly attributed to LDC; Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	March 31, 2016	Savings are considered to begin in the year in which the coupon was redeemed.	
2	Save on Energy Heating and Cooling Program	Results directly attributed to LDC based on customer applications and postal code. LDCs may see additional participation, savings and spending relative to the March 2016 Value Added Services Report due to previously unassigned applications completed in 2015. Adjustments to reflect final 2015 verified participation will appear in your July 2016 Value Added Services Report to be issued on August 15, 2016	March 31, 2016	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 uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
3	Save on Energy New Construction Program	Results are directly attributed to LDC based on LDC identified in CDM LDC Report Template.	March 31, 2016	Savings are considered to begin in the year of the project completion date.	
4	Save on Energy Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year in which the measures were installed.	
5	Save on Energy Audit Funding Program	Projects are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year of the audit date.	
6	Save on Energy Retrofit Program	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM: Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	March 31, 2016	Savings are considered to begin in the year of the actual project completion date as reported in the CDM LDC Report Template	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V 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).
7	Save on Energy Small Business Lighting Program	Results are directly attributed to LDC based on the LDC specified on the work order.	March 31, 2016	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 uptake 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 take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
8	Save on Energy High Performance New Construction Program	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016		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 2014 Net-to-gross ratios and realization rates.
9	Save on Energy Existing Building Commissioning Program		March 31, 2016		
10	Save on Energy Process and Systems Upgrades Program	Results are directly attributed to LDC based on LDC identified in application.	March 31, 2016	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 EM&V 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	Save on Energy Monitoring and Targeting Program	Results are directly attributed to LDC based on LDC identified in the application: Initiative was not evaluated, no completed projects in 2011, 2012 or 2013.	March 31, 2016	Savings are considered to begin in the year in which the incentive project was completed.	
12	Save on Energy Energy Manager Program	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	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.	
13	Business Refrigeration Incentive Program		March 31, 2016	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake 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 take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
14	Social Benchmarking Program	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016	Savings are considered to begin in the year in which the report was sent.	Peak demand and energy savings are determined using the verified measure level (home) per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level (home).
15	First Nations Conservation Program		March 31, 2016	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

IESO Value Added Services Costs

- 1) IESO Value Added Services Costs are based on activity reported as of March 31, 2016.
- 2) Save on Energy Heating & Cooling Program activity may be greater than the March 2016 IESO Value Added Services Report due to previously unassigned applications being assigned to LDCs through the Evaluation, Measurement & Verification Process based on updated applicant postal code mappings. These additional applications and costs will be reflected in the July 2016 IESO Value Added Services Report.
- 3) Future years may include adjustments to prior years based on delays of Value-Added Service report submissions to IESO from IESO Value-Added Service providers.
- 4) IESO Value Added Services costs are calculated based on the prevailing IESO Value Added Services Rates as per the applicable IESO Central Services Strategy and Rate Guideline.

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Consumer Program Allocation Methodology

#	Local Distribution Company	Allocation
1	Algoma Power Inc.	0.2207%
2	Atikokan Hydro Inc.	0.0265%
3	Attawapiskat Power Corporation	0.0255%
4	Bluewater Power Distribution Corporation	0.6460%
5	Brant County Power Inc.	0.1979%
6	Brantford Power Inc.	0.7255%
7	Burlington Hydro Inc.	1.3757%
8	Cambridge and North Dumfries Hydro Inc.	0.9578%
9	Canadian Niagara Power Inc.	0.5110%
10	Centre Wellington Hydro Ltd.	0.1129%
11	Chapleau Public Utilities Corporation	0.0379%
12	COLLUS PowerStream Corp.	0.2858%
13	Cooperative Hydro Embrun Inc.	0.0494%
14	E.L.K. Energy Inc.	0.2270%
15	Enersource Hydro Mississauga Inc.	3.9265%
16	Entegrus Powerlines Inc.	0.7226%
17	EnWin Utilities Ltd.	1.5542%
18	Erie Thames Powerlines Corporation	0.3535%
19	Espanola Regional Hydro Distribution Corporation	0.0821%
20	Essex Powerlines Corporation	0.6539%
21	Festival Hydro Inc.	0.3498%
22	Fort Albany Power Corporation	0.0212%

23	Fort Frances Power Corporation	0.0995%
24	Greater Sudbury Hydro Inc.	1.0276%
25	Grimsby Power Incorporated	0.2279%
26	Guelph Hydro Electric Systems Inc.	0.8983%
27	Haldimand County Hydro Inc.	0.4244%
28	Halton Hills Hydro Inc.	0.5475%
29	Hearst Power Distribution Company Limited	0.0667%
30	Horizon Utilities Corporation	4.0429%
31	Hydro 2000 Inc.	0.0390%
32	Hydro Hawkesbury Inc.	0.1394%
33	Hydro One Brampton Networks Inc.	2.8180%
34	Hydro One Networks Inc.	29.9788%
35	Hydro Ottawa Limited	5.5954%
36	InnPower Corporation	0.3951%
37	Kashechewan Power Corporation	0.0286%
38	Kenora Hydro Electric Corporation Ltd.	0.0989%
39	Kingston Hydro Corporation	0.5014%
40	Kitchener-Wilmot Hydro Inc.	1.6310%
41	Lakefront Utilities Inc.	0.1907%
42	Lakeland Power Distribution Ltd.	0.2906%
43	London Hydro Inc.	2.7308%
44	Midland Power Utility Corporation	0.1196%
45	Milton Hydro Distribution Inc.	0.5695%
46	Newmarket-Tay Power Distribution Ltd.	0.6607%
47	Niagara Peninsula Energy Inc.	0.9945%
48	Niagara-on-the-Lake Hydro Inc.	0.1586%
49	Norfolk Power Distribution Inc.	0.3495%
50	North Bay Hydro Distribution Limited	0.5333%

51	Northern Ontario Wires Inc.	0.1061%
52	Oakville Hydro Electricity Distribution Inc.	1.4632%
53	Orangeville Hydro Limited	0.2120%
54	Orillia Power Distribution Corporation	0.2722%
55	Oshawa PUC Networks Inc.	1.2283%
56	Ottawa River Power Corporation	0.1974%
57	Peterborough Distribution Incorporated	0.7132%
58	PowerStream Inc.	6.6383%
59	PUC Distribution Inc.	0.8687%
60	Renfrew Hydro Inc.	0.0775%
61	Rideau St. Lawrence Distribution Inc.	0.1120%
62	Sioux Lookout Hydro Inc.	0.0841%
63	St. Thomas Energy Inc.	0.2939%
64	Thunder Bay Hydro Electricity Distribution Inc.	0.8738%
65	Tillsonburg Hydro Inc.	0.1280%
66	Toronto Hydro-Electric System Limited	12.7979%
67	Veridian Connections Inc.	2.3525%
68	Wasaga Distribution Inc.	0.1799%
69	Waterloo North Hydro Inc.	1.0019%
70	Welland Hydro-Electric System Corp.	0.3879%
71	Wellington North Power Inc.	0.0632%
72	West Coast Huron Energy Inc.	0.0653%
73	Westario Power Inc.	0.5411%
74	Whitby Hydro Electric Corporation	0.8651%
75	Woodstock Hydro Services Inc.	0.2548%
Total		100.0000%

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

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Glossary

#	Term	Definition
1	2011-2014+2015 Extension Legacy Framework Programs	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.
2	2015-2020 Conservation First Framework Programs	Programs in market from 2015-2020 resulting from the March 31, 2014 CFF Ministerial Directive and funded separately from 2011-2014+2015 Extension Legacy Framework Programs.
3	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.
4	Allocated Budget	Each LDC's assigned portion of the Province's \$ 1.835 billion CDM Plan Budget of the 2015-2020 Conservation First Framework.
5	Province-Wide Program	Programs available to all LDCs to deliver and that are consistent across the province.
6	Regional Program	Programs designed by LDCs to serve their region and approved by the IESO.
7	Local Program	Programs designed by LDCs to serve their communities and approved by the IESO.
8	Pilot Program	A program pilot that may achieve energy or demand savings and is funded extraneous to an LDC's CDM Plan Budget.
9	Initiative	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2011-2014+2015 Extension Legacy Framework.
10	Program	A Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup) from the 2015-2020 Conservation First Framework.
11	Activity	The number of projects.

12	Unit	For a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).
13	Forecast	LDC's forecast of activity, savings, expenditures and cost effectiveness as indicated in each LDC's submitted CDM Plan Cost Effectiveness Tools.
14	Actual	The IESO determined final results of activity, savings, expenditures and cost effectiveness.
15	Progress	A comparison of Actuals versus Forecasts.
16	Full Cost Recovery Progress	For a given year, the percentage calculated by dividing: a) the sum of verified electricity savings for all years of the term up to and including the applicable year for all Programs that receive full cost recovery funding, by b) the Cumulative FCR Milestone, multiplied by 100%, as specified in Schedule A of the Energy Conservation Agreement.
17	Reported Savings	Savings determined by the LDC: 1) for prescriptive projects/programs: calculating quantity x prescriptive savings assumptions; and 2) for engineered or custom program projects/programs: calculated using prescribed methodologies.
18	Verified Savings	Savings determined by the IESO's evaluation, measurement and verification that may adjust reported savings by the realization rate.
19	Gross Savings	Savings determined as either: 1) program activity multiplied by per unit savings assumptions for prescriptive programs; or 2) reported savings multiplied by the realization rate for engineered or custom program streams.
20	Net Savings	The peak demand or energy savings attributable to conservation and demand management activities net of free-riders, etc.
21	Realization Rate	A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.
22	Net-to-Gross Adjustment	The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover.
23	Free-ridership	The percentage of participants who would have implemented the program measure or practice in the absence of the program.

24	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.
25	Incremental Savings	The new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.
26	First Year Savings	The peak demand or energy savings that occur in the year it was achieved (includes resource savings from only new program activity).
27	Annual Savings	The peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).
28	Demand Savings	Demand savings attributable to conservation and demand management activities.
29	Energy Savings	Energy savings attributable to conservation and demand management activities.
30	Administrative Expenses	Costs incurred in the delivery of a program related to labour, marketing, third-party expenses, value added services or other central services.
31	Participant Incentives	Costs incurred in the delivery of a program related to incenting participants to perform peak demand or energy savings.
32	Total Expenditure	The sum of Administrative Expenses and Participant Incentives
33	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.
34	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.
35	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.