EB-2017-0024 Alectra Utilities Corporation 2018 EDR Application Exhibit 3 Tab 1 Schedule 1 Filed: July 7, 2017

# ATTACHMENT 29 – 2011-2014 FINAL IESO RESULTS REPORT POWERSTREAM RZ



#### Message from the Vice President:

The IESO is pleased to provide the enclosed 2011-2014 Final Results Report. This report is designed to help populate LDC Annual Reports that will be submitted to the Ontario Energy Board (OEB) in September 2015.

#### 2011-2014 Conservation Framework Highlights:

- LDCs have made significant achievements against dual energy and peak demand savings targets. Collectively, the LDCs have achieved 109% of the energy target and 70% of the peak demand target.
- Momentum has built as we transition to the Conservation First Framework. 2014 demonstrated an achievement of
  over 1 TWh of net incremental energy savings, positioning us well for average net incremental energy savings of 1.2
  TWh required in the new framework to meet our 2020 CDM targets.
- Throughout the past framework, program results have become more predictable year over year as noted in the
  increasingly smaller variance between quarterly preliminary results and verified final results.
- Customer engagement continued to increase in both the Consumer and Business Programs. Between 2011 2014 consumers have purchased over 10 million energy efficient products through the saveONenergy COUPONS program. Customers in RETROFIT continue to declare a positive experience participating in the program with 86% likely to recommend.
- saveONenergy has seen a steady and significant increase in unaided brand awareness by 33% from 2011-2014
- Conservation is becoming even more cost-effective as programs become more efficient and effective. 2014 proved
  early investments in long lead time projects will pay off with the high savings now being realized in programs like
  PROCESS & SYSTEMS and RETROFIT. Within 4 cents per kWh, Conservation programs continue to be a valuable and
  cost effective resource for customers across the province.

The 2011-2014 Final Results within this report vary from the Draft 2011-2014 Final Results Report for the following reasons:

- Savings from Time of Use pricing are included in the Final Results Report. Overall the province saved 55 MWs from Time-of-Use pricing in 2014, or 0.73% of residential summer peak demand.
- Between August 4th and August 28th, the IESO and LDCs have worked collaboratively to reconcile projects from 2011-2014 Final Results Report to ensure every eligible project was captured and accurately reported.
- Verified savings from Innovation Fund pilots are also included for participating LDCs.

All results will be considered final for the 2011-2014 Conservation Framework. Any additional program activity not captured in the 2011-2014 Final Results Report will not be included as part of a future adjustment process.

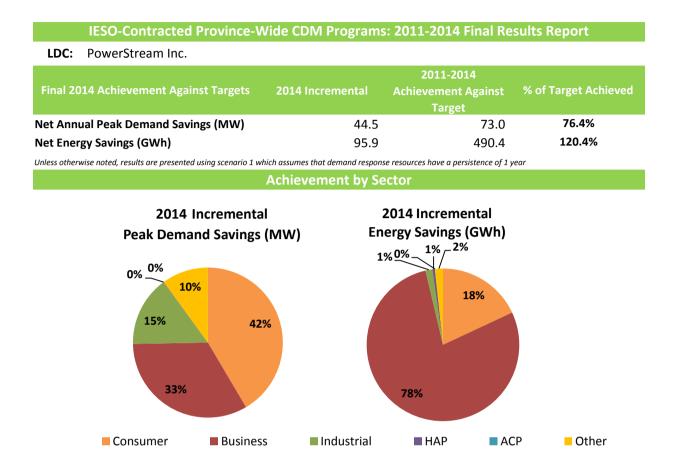
Please continue to monitor saveONenergy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and we look forward to the success ahead in the Conservation First Framework.

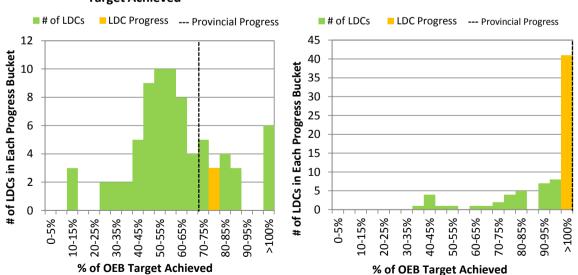
Sincerely,

Terry Young

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Comparison: LDC Achievement vs. LDC Community Achievement (Progress to Target)



### % of OEB Peak Demand Savings Target Achieved

### % of OEB Energy Savings Target Achieved

		Table 1: Powe	erStream Inc. I	nitiative and P	rogram Level N	let Savings by Y	ear								
		(now progr		tal Activity curring within th	o specified			Demand Savings s from activity v			et Incremental En vings from activi			Program-to-Date Verif (exclud	es DR)
Initiative	Unit	(new progr		ig period)	le specified		specified repo		within the	(new energy sa		riod)	echied reporting	2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program	Т		1	1				1			I	1			
Appliance Retirement	Appliances	2,986	1,664	831	801	159	94	53	52	1,160,946	662,323	354,976	347,442	355	7,686,317
Appliance Exchange	Appliances	152	110	187	235	15	16	39	49	18,962	28,384	69,085	86,818	109	377,429
HVAC Incentives	Equipment	8,544	7,788	8,291	10,485	2,829	1,635	1,658	2,097	5,192,089	2,761,285	2,830,426	3,877,285	8,219	38,590,347
Conservation Instant Coupon Booklet	Items	35,171	2,051 70,426	23,098	74,185 320,283	80	15	34 79	150	1,295,153	92,817	511,655	2,017,781	279 822	8,500,156
Bi-Annual Retailer Event Retailer Co-op	Items Items	63,207 134	0	62,717 0	320,283	112 0	98 0	0	534 0	1,950,839 2,335	1,777,858 0	1,140,456	8,158,701 0	0	23,576,545 9,339
Residential Demand Response	Devices	2,234	7,780	21,152	28,485	1,251	3,873	11,897	14,426	3,239	28,587	16,249	1,219	14,426	49,293
Residential Demand Response (IHD)	Devices	0	6,227	19,678	26,666	0	0	0	0	0	0	0	0	0	43,233
Residential New Construction	Homes	9	0,227	0	66	0	0	0	9	0	0	0	150,061	9	150,061
Consumer Program Total	nomes		0	Ū		4,445	5,731	13,760	17,318	9,623,565	5,351,253	4,922,846	14,639,307	24,221	78,939,487
Business Program						4)445	0,701	10,700	17,010	5,020,000	5,051,250	4,522,646	11,000,007		10,505,407
Retrofit	Projects	183	456	790	923	1,225	4,690	5,114	6,546	7,512,897	25,834,397	28,469,682	43,902,735	17,540	208,208,428
Direct Install Lighting	Projects	1,945	1,631	2,315	3,037	2,106	1,437	2,327	2,609	5,296,278	5,424,343	7,944,313	9,552,857	7,701	60,153,159
Building Commissioning	Buildings	0	0	0	1	0	0	0	58	0	0	0	109,537	58	109,537
New Construction	Buildings	3	3	12	17	16	0	778	2,555	69,868	0	1,579,613	7,971,154	3,349	11,409,852
Energy Audit	Audits	7	11	19	30	0	52	79	401	0	251,763	436,057	1,958,207	532	3,585,609
Small Commercial Demand Response	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	12	11	17	18	1,243	1,232	1,921	1,680	48,536	17,913	28,336	0	1,680	94,784
Business Program Total						4,590	7,411	10,220	13,848	12,927,578	31,528,415	38,458,000	63,494,489	30,859	283,561,369
Industrial Program															
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	9	54	35	0	19	421	221	0	36,000	3,717,682	1,185,181	336	6,534,340
Retrofit	Projects	34	0	0	0	502	0	0	0	3,213,757	0	0	0	501	12,852,927
Demand Response 3	Facilities	11	12	15	22	2,634	3,186	6,406	6,112	154,591	76,793	157,656	0	6,112	389,040
Industrial Program Total						3,135	3,205	6,827	6,334	3,368,348	112,793	3,875,338	1,185,181	6,949	19,776,307
Home Assistance Program	Т		1	1				1			I	1			
Home Assistance Program	Homes	0	430	996	725	0	36	45	34	0	313,102	595,251	433,704	114	2,537,142
Home Assistance Program Total						0	36	45	34	0	313,102	595,251	433,704	114	2,537,142
Aboriginal Program	- Lu						-					-			-
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011							-					-			
Electricity Retrofit Incentive Program	Projects	195	0	0	0	1,958	0	0	0	9,540,024	0	0	0	1,958	38,160,095
High Performance New Construction	Projects	13	9	4	0	211	644	83	0	1,082,896	2,745,770	221,916	0	938	13,012,727
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	1	0	0	0	75	0	0	0	194,534	0	0	0	75	778,138
LDC Custom Programs	Projects	5	0	0	0	81	0	0	0	533,038	0	0	0	81	2,132,152
Pre-2011 Programs completed in 2011 Tot	ai					2,325	644	83	0	11,350,493	2,745,770	221,916	0	3,052	54,083,112
Other								1			1	1			
Program Enabled Savings	Projects	1	27	10	3	0	0	5	242	0	0	7,515	1,373,950	247	1,388,980
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	3,937	0	0	0	0	3,937	0
LDC Pilots	Projects	0	0	0	2	0	0	0	144	0	0	0	771,514	144	771,514
Other Total						0	0	5	4,179	0	0	7,515	1,373,950	4,184	1,388,980
Adjustments to 2011 Verified Results							107	5	9		1,508,750	8,134	74,084	119	6,359,575
Adjustments to 2012 Verified Results								719	770			4,051,236	3,486,382	1,489	22,604,292
Adjustments to 2013 Verified Results									1,835				10,474,225	1,835	20,352,621
Energy Efficiency Total						9,368	8,736	10,715	19,639	37,063,617	39,928,041	47,878,626	81,896,927	47,307	440,524,794
Demand Response Total (Scenario 1)						5,128	8,291	20,225	22,218	206,366	123,292	202,240	1,219	22,218	533,117
Adjustments to Previous Years' Verified Re	esults Total					0	107	724	2,614	0	1,508,750	4,059,370	14,034,691	3,443	49,316,488
OPA-Contracted LDC Portfolio Total (inc. A	djustments)					14,496	17,134	31,664	44,471	37,269,983	41,560,083	52,140,236	95,932,838	72,969	490,374,399
Activity and savings for Demand Response resources f	for each year represer	nt the savings from a	all active facilities	or devices	*Includes adjustme	nts after Final Report	s were issued						Full OEB Target:	95,570	407,340,000
contracted since January 1, 2011 (reported cumulative					Decides and a								•		. ,,

### Table 1: PowerStream Inc. Initiative and Program Level Net Savings by Year

contracted since January 1, 2011 (reported cumulatively).

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year % of Full OEB Target Achieved to Date (Scenario 1):

120.4%

76.4%

		Table 2: Adjus	tments to Pow	erStream Inc.	Net Veri	fied Results due	to Variances								
Initiative	Unit	(new program	Incremental A activity occurrin	ng within the sp	Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)					cremental Energe avings from activ	ity within the s		Program-to-Date Verif (exclud 2014 Net Annual Peak		
			reporting pe	riod)		s	pecified reportir	ig period)			reporting pe	riod)		Demand Savings (kW)	Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-1,629	173	345		-444	35	75		-811,890	70,164	130,933		-334	-2,775,201
Conservation Instant Coupon Booklet	Items	545	0	70		1	0	0		18,299	0	1,565		1	76,326
Bi-Annual Retailer Event	Items	5,431	0	0		7	0	0		144,941	0	0		7	579,763
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	9	0	0		0	0	0		2,436	0	0		0	9,745
Consumer Program Total		-		. ·		-435	35	75		-646,214	70,164	132,498		-325	-2,109,367
Business Program												,			
Retrofit	Projects	35	68	63		215	670	732		1,473,933	3,533,535	3,813,175		1,610	24,099,505
	Projects	2	3	0		215	3	0		4,952	13,973	0		6	61,725
Direct Install Lighting Building Commissioning	Buildings	0	3	0		0	0	0		4,952	0	0		0	0
	-			-		-	-	-		-	-	-			
New Construction	Buildings	1	3	8		-1	526	452		-7,084	2,390,227	1,647,707		983	10,457,082
Energy Audit	Audits	1	1	10		5	7	88		26,398	34,571	485,118		101	1,179,542
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						221	1,206	1,273		1,498,199	5,972,305	5,946,000		2,700	35,797,855
Industrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	5	14		0	22	179		0	50,038	2,782,014		431	6,316,167
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total				. · ·	-	0	22	179		0	50,038	2,782,014		431	6,316,167
Home Assistance Program												7 - 7-			
Home Assistance Program	Homes	0	172	90		0	39	31		0	207,812	151,563		70	920,607
Home Assistance Program Total	nomes			50	1	0	39	31		0	207,812	151,563		70	920,607
						0	33	51		0	207,812	151,503		70	520,007
Aboriginal Program			-			-	-	-			-			-	
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0		0	0	0		0	0
High Performance New Construction	Projects	5	0	3		331	0	-23		733,409	0	-18,459		308	2,896,720
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
		0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0	1					-	0	-			
Pre-2011 Programs completed in 2011 Total						331	0	-23		733,409	U	-18,459		308	2,896,720
Other			1	1							1	1			
Program Enabled Savings	Projects	1	16	6		3	185	72		5,574	1,234,217	884,780		260	5,494,506
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total				•		3	185	72		5,574	1,234,217	884,780		260	5,494,506
Adjustments to 2011 Verified Results						121				1,590,968			1	119	6,359,575
						121	1,487		-	1,590,908	7 524 527		-	-	
Adjustments to 2012 Verified Results							1,487	1.000			7,534,537	0.070.200		1,489	22,604,292
Adjustments to 2013 Verified Results							4 407	1,606		4 500 005		9,878,396		1,835	20,352,621
Total Adjustments to Previous Years' Verified Res						121	1,487	1,606		1,590,968	7,534,537	9,878,396		3,443	49,316,488
Activity and savings for Demand Response resources for each y savings from all active facilities or devices contracted since Jan					ot align to adjustme which that adjustme		e 1 as the informa	ation prese	nted above is prese	nted in the implen	nentation year.				

#### Table 2: Adjustments to PowerStream Inc. Net Verified Results due to Variances

savings from all active facilities or devices contracted since January 1, 2011 Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified. (reported cumulatively).

#### Table 3: PowerStream Inc. Realization Rate & NTG

					nd Savings							Energy	Savings			
Initiative		Realizatio	on Rate			Net-to-Gro	ss Ratio			Realizatio	n Rate			Net-to-Gro	oss Ratio	
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	n/a	n/a	0.50	0.46	0.42	0.42	1.00	1.00	n/a	n/a	0.50	0.47	0.44	0.44
Appliance Exchange	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	n/a	1.00	0.60	0.50	0.48	0.51	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.67	1.00	1.00	1.00	1.00	1.11	1.05	1.13	1.70
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.13	0.91	1.04	1.74	1.00	1.00	1.00	1.00	1.10	0.92	1.04	1.75
Retailer Co-op	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	n/a	n/a	n/a	1.05	n/a	n/a	n/a	0.63	n/a	n/a	n/a	0.58	n/a	n/a	n/a	0.63
Business Program																
Retrofit	0.93	0.93	0.93	0.86	0.73	0.76	0.73	0.71	1.23	1.05	1.05	1.00	0.75	0.76	0.74	0.72
Direct Install Lighting	1.08	0.69	0.82	0.78	0.93	0.94	0.94	0.94	0.90	0.85	0.84	0.83	0.93	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	1.91	n/a	n/a	n/a	1.00	n/a	n/a	n/a	1.16	n/a	n/a	n/a	1.00
New Construction	n/a	n/a	0.97	0.88	0.50	n/a	0.54	0.54	n/a	n/a	0.99	0.87	0.50	n/a	0.54	0.54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Monitoring & Targeting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Manager	n/a	1.21	0.90	0.91	n/a	0.90	0.90	0.90	n/a	1.21	0.90	0.96	n/a	0.90	0.90	0.90
Retrofit																
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	n/a	0.23	0.54	0.76	n/a	1.00	1.00	1.00	n/a	0.99	0.86	0.73	n/a	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.77	n/a	n/a	n/a	0.52	n/a	n/a	n/a	0.78	n/a	n/a	n/a	0.52	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50
Toronto Comprehensive	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	0.96	n/a	n/a	n/a	0.68	n/a	n/a	n/a	0.96	n/a	n/a	n/a	0.68	n/a	n/a	n/a
LDC Custom Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other		•	· · ·			· · · · ·	· · · ·	l		· · · · · ·	· · ·	· · ·			· · ·	·
Program Enabled Savings	n/a	n/a	1.00	0.90	n/a	n/a	1.00	1.00	n/a	n/a	1.00	0.94	n/a	n/a	1.00	1.00
Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

### Summary Achievement Against CDM Targets

Results are recognized using current IESO reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year (Scenario 1). Please see methodology tab for more detailed information.

### Table 4: Net Peak Demand Savings at the End User Level (MW) (Scenario 1)

Implementation Period	Annual									
Implementation Period	2011	2012	2013	2014						
2011 - Verified	14.5	9.4	9.3	8.8						
2012 - Verified†	0.1	17.1	8.8	8.6						
2013 - Verified†	0.0	0.7	31.7	11.1						
2014 - Verified†	0.0	0.8	2.4	44.5						
Ve	erified Net Annual Po	eak Demand Savin	gs Persisting in 2014:	73.0						
	PowerStream Inc. 2014 Annual CDM Capacity Target: 95.6									
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):										

### Table 5: Net Energy Savings at the End User Level (GWh)

Implementation Period			Cumulative		
implementation Period	2011	2012	2013	2014	2011-2014
2011 - Verified	37.3	37.1	36.8	35.4	146.6
2012 - Verified†	1.5	41.6	41.4	40.5	124.9
2013 - Verified†	0.0	4.1	52.1	49.7	105.9
2014 - Verified†	0.1	3.6	13.43	95.9	113.0
		Verified	Net Cumulative Energy	Savings 2011-2014:	490.4
		PowerStream	Inc. 2011-2014 Annual	CDM Energy Target:	407.3
	Verifie	d Portion of Cumul	ative Energy Target Acl	nieved in 2014 (%):	120.4%

+Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Initiative	Unit		Incremen ram activity occ	iatives and Pro Ital Activity curring within th ng period)	ogram Level Net	Net In	Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period) Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified rep					Program-to-Date Verif (exclud 2014 Net Annual Peak Demand Savings (kW)			
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program			•	•			·		•			·			
Appliance Retirement	Appliances	56,110	34,146	20,952	22,563	3,299	2,011	1,433	1,617	23,005,812	13,424,518	8,713,107	9,497,343	8,221	159,100,415
Appliance Exchange	Appliances	3,688	3,836	5,337	5,685	371	556	1,106	1,178	450,187	974,621	1,971,701	2,100,266	2,973	10,556,192
HVAC Incentives	Equipment	92,748	87,540	96,286	113,002	32,037	19,060	19,552	23,106	59,437,670	32,841,283	33,923,592	42,888,217	93,755	447,009,930
Conservation Instant Coupon Booklet	Items	567,678	30,891	347,946	1,208,108	1,344	230	517	2,440	21,211,537	1,398,202	7,707,573	32,802,537	4,531	137,258,436
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772	4,824,751	1,681	1,480	1,184	8,043	29,387,468	26,781,674	17,179,841	122,902,769	12,389	355,157,348
Retailer Co-op	Items	152	0	0	0	0	0	0	0	2,652	0	0	0	0	10,607
Residential Demand Response	Devices	19,550	98,388	171,733	241,381	10,947	49,038	93,076	117,513	24,870	359,408	390,303	8,379	117,513	782,960
Residential Demand Response (IHD)	Devices	0	49,689	133,657	188,577	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	27	21	279	2,367	0	2	18	369	743	17,152	163,690	2,330,865	390	2,712,676
	Homes	27	21	2/9	2,507	49,681	72,377	116,886	154,267	133,520,941	75,796,859	70,049,807	2,550,805 212,530,376	239,772	1,112,588,565
Consumer Program Total		_				49,681	12,311	116,886	154,267	133,520,941	/5,/96,859	70,049,807	212,530,376	239,772	1,112,588,565
Business Program															
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						64,617	98,221	107,261	133,319	198,124,253	381,415,230	430,423,659	600,176,121	332,769	3,358,699,887
Industrial Program															
Process & System Upgrades	Projects	0	0	5	10	0	0	294	9,692	0	0	2,603,764	72,053,255	9,986	77,260,782
Monitoring & Targeting	Projects	0	1	3	5	0	0	0	102	0	0	0	502,517	102	502,517
Energy Manager	Projects	1	132	306	379	0	1,086	3,558	5,191	0	7,372,108	21,994,263	40,436,427	8,384	95,324,998
Retrofit	Projects	433	0	0	0	4,615	0	0	0	28,866,840	0	0	0	4,613	115,462,282
Demand Response 3	Facilities	124	185	281	336	52,484	74,056	162,543	166,082	3,080,737	1,784,712	4,309,160	0	166,082	9,174,609
Industrial Program Total						57,098	75,141	166,395	181,066	31,947,577	9,156,820	28,907,187	112,992,199	189,168	297,725,188
Home Assistance Program															
Home Assistance Program	Homes	46	5,920	29,654	25,424	2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Home Assistance Program Total						2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Aboriginal Program								_,===	2,100		0,112,202			2,010	
Aboriginal Program	Homes	0	0	717	1,125	0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Home Assistance Program		0					-								
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Pre-2011 Programs completed in 2011			1	1	-		1		1			1			
Electricity Retrofit Incentive Program	Projects	2,028	0	0	0	21,662	0	0	0	121,138,219	0	0	0	21,662	484,552,876
High Performance New Construction	Projects	182	73	19	3	5,098	3,251	772	134	26,185,591	11,901,944	3,522,240	688,738	9,255	148,181,415
Toronto Comprehensive	Projects	577	15	4	5	15,805	0	0	281	86,964,886	0	0	2,479,840	16,086	350,339,385
Multifamily Energy Efficiency Rebates	Projects	110	0	0	0	1,981	0	0	0	7,595,683	0	0	0	1,981	30,382,733
LDC Custom Programs	Projects	8	0	0	0	399	0	0	0	1,367,170	0	0	0	399	5,468,679
Pre-2011 Programs completed in 2011 Tot						44,945	3,251	772	415	243,251,550	11,901,944	3,522,240	3,168,578	49,382	1,018,925,088
Other						,5.15	0,202			1-0,201,000	12,502,544	5,522,2.0	3,200,073	15,502	_,010,010,000
Dragram Enabled Cavin	Drojost-	22	74	45	42	0	2 204	2,002	E 500	0	1 199 363	4.075.000	10.035.337	11.400	20 751 107
Program Enabled Savings	Projects	33	71	46	43	0	2,304	3,692	5,500	0	1,188,362	4,075,382	19,035,337	11,496	30,751,187
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
LDC Pilots	Projects	0	0	0	1,174	0	0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
Other Total						0	2,304	3,692	61,466	0	1,188,362	4,075,382	24,096,859	67,462	35,812,709
Adjustments to 2011 Verified Results							1,406	641	1,418		18,689,081	1,736,381	7,319,857	3,215	110,143,550
Adjustments to 2012 Verified Results								6,260	9,221			41,947,840	37,080,215	15,401	238,780,637
Adjustments to 2012 Verified Results									24,391			,,	150,785,808	24,391	296,465,211
						100.010									
Energy Efficiency Total						136,610	109,191	117,536	224,457	603,144,419	482,474,435	554,528,447	975,639,300	575,647	5,896,382,612
Demand Response Total (Scenario 1)						79,733	142,670	280,099	309,091	3,739,185	2,427,011	5,046,495	8,698	309,091	11,221,389
Adjustments to Previous Years' Verified R						0	1,406	6,901	35,030	0	18,689,081	43,684,221	195,185,880	43,006	645,389,397
OPA-Contracted LDC Portfolio Total (inc. A	Adjustments)					216,343	253,267	404,536	568,578	606,883,604	503,590,526	603,259,163	1,170,833,878	927,745	6,552,993,397
Activity and savings for Demand Response resources		the savings from all	active facilities or	r devices	*Includes adjustment	nts after Final Repor	ts were issued					1	Full OEB Target:	1,330,000	6,000,000,000
contracted since January 1, 2011 (reported cumulative	ely).				Results presented u		h assumes that dem	and response resou	urces have a	% of I	ull OFB Target	Achieved to Da	te (Scenario 1).	70%	100%
					persistence of 1 yea					% of I	UII OEB Target	Achieved to Da	te (Scenario 1):	70%	109%

#### Table 6: Province-Wide Initiatives and Program Level Net Savings by Year (Scenario 1)

#### Table 7: Adjustments to Province-Wide Net Verified Results due to Variances

Initiative	Unit		Incremental A	activity ng within the sp		(new peak de	nental Peak De	om activity wit		(new ene	Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			Program-to-Date Verif (exclud 2014 Net Annual Peak Demand Savings (kW)	les DR) 2011-2014 Net Cumulative Energy
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	Savings (kWh) 2014
Consumer Program												-			
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-18,839	2,319	4,705		-5,270	479	1,037		-9,707,002	955,512	1,838,408		-3,754	-32,284,656
Conservation Instant Coupon Booklet	Items	8,216	0	1,050		16	0	2		275,655	0	23,571		18	1,149,763
Bi-Annual Retailer Event	Items	81,817	0	0		108	0	0		2,183,391	0	0		108	8,733,563
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	20	2	193		1	1	72		14,667	985	441,938		74	945,497
Consumer Program Total	nomes	20	-	155		-5,145	480	1,111		-7,233,290	956,497	2,303,917		-3,555	-21,664,975
					_	-3,143	400	1,111	_	-1,233,250	550,457	2,303,517	_	-3,335	-21,004,373
Business Program Retrofit	Projects	312	876	961		3,208	7,233	11,961		16,266,129	42,498,052	78,146,280		22,056	347,545,386
	Projects	444	197	51		5,208	204	46		1,250,388	736,541	164,667		620	7,158,143
Direct Install Lighting	-														
Building Commissioning	Buildings	0	0	0 72		0 850	0 1,304	0		0	0	0		0 4,401	0
New Construction	Buildings	15	29 77	270				2,241		3,604,553	4,825,774	8,636,179			46,187,216
Energy Audit	Audits	119				604	439	2,383		2,945,189	2,145,367	13,100,635		3,426	44,418,129
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						5,162	9,181	16,631		24,066,259	50,205,734	100,047,761		30,503	385,148,444
Industrial Program	-						-								
Process & System Upgrades	Projects	0	0	2		0	0	324		0	0	968,659		324	1,937,318
Monitoring & Targeting	Projects	0	1	3		0	0	54		0	528,000	639,348		54	2,862,696
Energy Manager	Projects	1	93	101		27	1,067	2,395		241,515	8,266,841	25,814,853		4,345	81,853,489
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						27	1,067	2,774		241,515	8,794,841	27,422,860		4,723	61,215,516
Home Assistance Program							•	•							
Home Assistance Program	Homes	0	887	2,898		0	222	791		0	1,316,749	4,321,794		1,009	12,515,300
Home Assistance Program Total	•					0	222	791		0	1,316,749	4,321,794		1,009	8,581,177
Aboriginal Program												•			
Home Assistance Program	Homes	0	0	133		0	0	134		0	0	563,715		134	1,127,430
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
	Trojecto		0	0		0	0	134		0	0	563,715		134	1,127,430
Aboriginal Program Total						U	0	154		0	U	505,715		154	1,127,430
Pre-2011 Programs completed in 2011							-	-			-				
Electricity Retrofit Incentive Program	Projects	12	0	0		138	0	0		545,536	0	0		138	2,182,145
High Performance New Construction	Projects	37	4	15		1,507	363	-184		2,398,941	2,832,533	-993,596		1,686	16,106,171
Toronto Comprehensive	Projects	0	15	4		0	672	185		0	4,523,517	1,324,388		857	16,219,327
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total			•			1,645	1,035	2		2,944,477	7,356,050	330,792		2,682	11,104,528
Other							•	•				•			
Program Enabled Savings	Projects	33	55	33		1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
	Homes	0	0	0		0	0	0		0	0	0		0	0
Time-of-Lise Savings	nomes	0	0	0		0	0	0		0	0	0		0	0
Time-of-Use Savings	Projects			v		1,776	-	2,020		7,727,573	11,481,687	-		-	86,732,481
LDC Pilots	Projects														
LDC Pilots Other Total	Projects						3,712	2,020			11,461,067	10,688,564		7,509	
LDC Pilots Other Total Adjustments to 2011 Verified Results	Projects					3,465		2,020		27,746,535		10,688,564		3,215	110,143,550
LDC Pilots Other Total Adjustments to 2011 Verified Results Adjustments to 2012 Verified Results	Projects						3,712				80,111,558			3,215 15,401	110,143,550 238,780,637
LDC Pilots Other Total Adjustments to 2011 Verified Results	Projects							23,463				10,688,564 145,679,403 145,679,403		3,215	110,143,550

from all active facilities or devices contracted since January 1, 2011 (reported cumulatively). Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

### Table 8: Province-Wide Realization Rate & NTG

				Peak Dema					Energy Savings							
Initiative		Realizat	ion Rate			Net-to-Gr	oss Ratio			Realizatio	n Rate			Net-to-Gro	ss Ratio	
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	1.00	1.00	0.51	0.46	0.42	0.45	1.00	1.00	1.00	1.00	0.46	0.47	0.44	0.47
Appliance Exchange	1.00	1.00	1.00	1.00	0.51	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	1.00	1.00	0.60	0.50	0.48	0.48	1.00	1.00	1.00	1.00	0.50	0.49	0.48	0.48
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.69	1.00	1.00	1.00	1.00	1.00	1.05	1.13	1.73
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.12	0.91	1.04	1.74	1.00	1.00	1.00	1.00	0.91	0.92	1.04	1.75
Retailer Co-op	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	1.00	3.65	0.78	1.03	0.41	0.49	0.63	0.63	3.65	7.17	3.09	0.62	0.49	0.49	0.63	0.63
Business Program																
Retrofit	1.06	0.93	0.92	0.84	0.72	0.75	0.73	0.71	0.93	1.05	1.01	0.98	0.75	0.76	0.73	0.72
Direct Install Lighting	1.08	0.69	0.82	0.78	1.08	0.94	0.94	0.94	0.69	0.85	0.84	0.83	0.94	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	1.97	n/a	n/a	n/a	1.00	n/a	n/a	n/a	1.16	n/a	n/a	n/a	1.00
New Construction	0.50	0.98	0.68	0.71	0.50	0.49	0.54	0.54	0.98	0.99	0.76	0.79	0.49	0.49	0.54	0.54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	0.85	0.96	n/a	n/a	0.94	0.79	n/a	n/a	0.87	0.96	n/a	n/a	0.93	0.80
Monitoring & Targeting	n/a	n/a	n/a	0.59	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.36	n/a	n/a	n/a	1.00
Energy Manager	n/a	1.16	0.90	0.91	n/a	0.90	0.90	0.90	1.16	1.16	0.90	0.96	0.90	0.90	0.90	0.85
Retrofit	1.11	n/a	n/a	n/a	0.72	n/a	n/a	n/a	0.91	n/a	n/a	n/a	0.75	n/a	n/a	n/a
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program										1						
Home Assistance Program	1.00	0.32	0.26	0.49	0.70	1.00	1.00	1.00	0.32	0.99	0.88	0.78	1.00	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	0.05	0.15	n/a	n/a	1.00	1.00	n/a	n/a	0.95	0.97	n/a	n/a	1.00	1.00
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
D. 2011 D						1				1				1		
Pre-2011 Programs completed in 2011																
Pre-2011 Programs completed in 2011 Electricity Retrofit Incentive Program	0.80	n/a	n/a	n/a	0.54	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	0.80	n/a 1.00	n/a 1.00	n/a n/a	0.54	n/a 0.50	n/a 0.50	n/a 0.50	n/a 1.00	n/a 1.00	n/a 1.00	n/a n/a	n/a 0.50	n/a 0.50	n/a 0.50	n/a 0.50
Electricity Retrofit Incentive Program							,									
Electricity Retrofit Incentive Program High Performance New Construction Toronto Comprehensive	1.00	1.00 n/a	1.00	n/a n/a	0.49	0.50	0.50	0.50 n/a	1.00	1.00 n/a	1.00 n/a	n/a n/a	0.50 n/a	0.50 n/a	0.50 n/a	0.50 n/a
Electricity Retrofit Incentive Program High Performance New Construction	1.00 1.13	1.00	1.00 n/a	n/a	0.49	0.50 n/a	0.50 n/a	0.50	1.00 n/a	1.00	1.00	n/a	0.50	0.50	0.50	0.50
Electricity Retrofit Incentive Program High Performance New Construction Toronto Comprehensive Multifamily Energy Efficiency Rebates LDC Custom Programs	1.00 1.13 0.93	1.00 n/a n/a	1.00 n/a n/a	n/a n/a n/a	0.49 0.50 0.78	0.50 n/a n/a	0.50 n/a n/a	0.50 n/a n/a	1.00 n/a n/a	1.00 n/a n/a	1.00 n/a n/a	n/a n/a n/a	0.50 n/a n/a	0.50 n/a n/a	0.50 n/a n/a	0.50 n/a n/a
Electricity Retrofit Incentive Program High Performance New Construction Toronto Comprehensive Multifamily Energy Efficiency Rebates LDC Custom Programs Other	1.00 1.13 0.93 1.00	1.00 n/a n/a	1.00 n/a n/a	n/a n/a n/a	0.49 0.50 0.78 1.00	0.50 n/a n/a	0.50 n/a n/a	0.50 n/a n/a	1.00 n/a n/a n/a	1.00 n/a n/a	1.00 n/a n/a	n/a n/a n/a	0.50 n/a n/a n/a	0.50 n/a n/a	0.50 n/a n/a	0.50 n/a n/a
Electricity Retrofit Incentive Program High Performance New Construction Toronto Comprehensive Multifamily Energy Efficiency Rebates LDC Custom Programs	1.00 1.13 0.93	1.00 n/a n/a n/a	1.00 n/a n/a n/a	n/a n/a n/a n/a	0.49 0.50 0.78	0.50 n/a n/a n/a	0.50 n/a n/a n/a	0.50 n/a n/a n/a	1.00 n/a n/a	1.00 n/a n/a n/a	1.00 n/a n/a n/a	n/a n/a n/a n/a	0.50 n/a n/a	0.50 n/a n/a n/a	0.50 n/a n/a n/a	0.50 n/a n/a n/a

# Summary Provincial Progress Towards CDM Targets

# Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

Implementation Daried	Annual									
Implementation Period	2011	2012	2013	2014						
2011	216.3	136.6	135.8	129.0						
2012†	1.4	253.3	109.8	108.2						
2013†	0.6	7.0	404.5	122.0						
2014†	1.4	10.8	34.2	568.6						
Ver	ified Net Annua	l Peak Demand S	Savings in 2014:	927.7						
	201	4 Annual CDM C	Capacity Target:	1,330						
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%): 69.8%										

### Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

Implementation Period			Cumulative					
Implementation Period	2011	2012	2013	2014	2011-2014			
2011	606.9	603.0	601.0	582.3	2,393.1			
2012†	18.7	503.6	498.4	492.6	1,513.3			
2013†	1.7	44.4	603.3	583.4	1,232.8			
2014†	7.3	44.8	191.0	1,170.8	1,413.9			
	Ver	ified Net Cumula	ative Energy Savi	ings 2011-2014:	6,553.0			
		2011-2014	Cumulative CDM	Energy Target:	6,000			
Verified Portion of Cumulative Energy Target Achieved in 2014 (%): 109.2%								

*†Includes adjustments to previous years' verified results* 

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

# METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

	EQUATIONS
Prescriptive Measures and Projects	Gross Savings = Activity * Per Unit Assumption Net Savings = Gross 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)
Engineered and Custom Projects	Gross Savings = Reported Savings * Realization Rate Net Savings = Gross 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)
Demand Response	Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR)
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 cumulative effect of energy savings.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
<b>Consumer Program</b>	n		
Appliance Retirement	2008 & 2009 residential throughout. Home	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined
Appliance Exchange	IDC When postal code is not available results	Savings are considered to begin in the year that	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.
HVAC Incentives		Savings are considered to begin in the year that the installation occurred.	

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	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
Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the event occurs.	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.
	When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year of the home visit and installation date.	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.
	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists.	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any "snapback" in energy consumption experienced after the event. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system. Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case.	Savings are considered to begin in the year of the project completion date.	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.
Business Program			
Efficiency: Equipment	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.	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 projects with an "Actual Project Completion Da		ubmission - Payment denied by LDC) and only including

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	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).
Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align
New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	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).
Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	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).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Commercial Demand Response (part of the Residential program schedule)	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists	device was installed and/or when a customer	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.
3 (part of the Industrial program schedule)	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
Industrial Program			
Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application.	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 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).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
-	Results are directly attributed to LDC based on LDC identified in the application.	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 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).
Energy Manager	Results are directly attributed to LDC based on LDC identified in the application.		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).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&I program schedule)	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 "Reference Tables" tab for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM 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).
Demand Response 3	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Home Assistance Pro	ogram		
	Results are directly attributed to LDC based on LDC identified in the application.	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.
Aboriginal Program			
Aboriginal Program	Results are directly attributed to LDC based on LDC identified in the application.	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.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Pre-2011 Programs	completed in 2011		
Electricity Retrofit Incentive Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014 assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported. A realization rate is applied to the reported savings to
High Performance New Construction	Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in	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). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results
Toronto Comprehensive	Program run exclusively in Toronto Hydro- Electric System Limited service territory; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	which a project was completed.	(http://www.powerauthority.on.ca/evaluation- measurement-and-verification/evaluation-reports).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.		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
Data Centre	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation.	Savings are considered to begin in the year in which a project was completed.	with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs we actually installed vs. what was reported) (gross). Ne savings takes into account net-to-gross factors such free-ridership and spillover (net). If energy savings a not available, an estimate is made based on the kW to kW ratio in the provincial results from the 2010
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation.		evaluated results (http://www.powerauthority.on.ca/evaluation- measurement-and-verification/evaluation-reports).

# **Consumer Program Allocation Methodology**

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

Local Distribution Company	Allocation
Algoma Power Inc.	0.2%
Atikokan Hydro Inc.	0.0%
Attawapiskat Power Corporation	0.0%
Bluewater Power Distribution Corporation	0.6%
Brant County Power Inc.	0.2%
Brantford Power Inc.	0.7%
Burlington Hydro Inc.	1.4%
Cambridge and North Dumfries Hydro Inc.	1.0%
Canadian Niagara Power Inc.	0.5%
Centre Wellington Hydro Ltd.	0.1%
Chapleau Public Utilities Corporation	0.0%
COLLUS Power Corporation	0.3%
Cooperative Hydro Embrun Inc.	0.0%
E.L.K. Energy Inc.	0.2%
Enersource Hydro Mississauga Inc.	3.9%
ENTEGRUS	0.6%
ENWIN Utilities Ltd.	1.6%
Erie Thames Powerlines Corporation	0.4%
Espanola Regional Hydro Distribution Corporation	0.1%
Essex Powerlines Corporation	0.7%
Festival Hydro Inc.	0.3%
Fort Albany Power Corporation	0.0%
Fort Frances Power Corporation	0.1%
Greater Sudbury Hydro Inc.	1.0%
Grimsby Power Inc.	0.2%
Guelph Hydro Electric Systems Inc.	0.9%
Haldimand County Hydro Inc.	0.4%
Halton Hills Hydro Inc.	0.5%
Hearst Power Distribution Company Limited	0.1%
Horizon Utilities Corporation	4.0%
Hydro 2000 Inc.	0.0%
Hydro Hawkesbury Inc.	0.1%
Hydro One Brampton Networks Inc.	2.8%
Hydro One Networks Inc.	30.0%
Hydro Ottawa Limited	5.6%
Innisfil Hydro Distribution Systems Limited	0.4%
Kashechewan Power Corporation	0.0%
Kenora Hydro Electric Corporation Ltd.	0.1%
Kingston Hydro Corporation	0.5%
Kitchener-Wilmot Hydro Inc.	1.6%
Lakefront Utilities Inc.	0.2%

Lakeland Power Distribution Ltd.	0.2%
London Hydro Inc.	2.7%
Middlesex Power Distribution Corporation	0.1%
Midland Power Utility Corporation	0.1%
Milton Hydro Distribution Inc.	0.6%
Newmarket - Tay Power Distribution Ltd.	0.7%
Niagara Peninsula Energy Inc.	1.0%
Niagara-on-the-Lake Hydro Inc.	0.2%
Norfolk Power Distribution Inc.	0.3%
North Bay Hydro Distribution Limited	0.5%
Northern Ontario Wires Inc.	0.1%
Oakville Hydro Electricity Distribution Inc.	1.5%
Orangeville Hydro Limited	0.2%
Orillia Power Distribution Corporation	0.3%
Oshawa PUC Networks Inc.	1.2%
Ottawa River Power Corporation	0.2%
Parry Sound Power Corporation	0.1%
Peterborough Distribution Incorporated	0.7%
PowerStream Inc.	6.6%
PUC Distribution Inc.	0.9%
Renfrew Hydro Inc.	0.1%
Rideau St. Lawrence Distribution Inc.	0.1%
Sioux Lookout Hydro Inc.	0.1%
St. Thomas Energy Inc.	0.3%
Thunder Bay Hydro Electricity Distribution Inc.	0.9%
Tillsonburg Hydro Inc.	0.1%
Toronto Hydro-Electric System Limited	12.8%
Veridian Connections Inc.	2.4%
Wasaga Distribution Inc.	0.2%
Waterloo North Hydro Inc.	1.0%
Welland Hydro-Electric System Corp.	0.4%
Wellington North Power Inc.	0.1%
West Coast Huron Energy Inc.	0.1%
Westario Power Inc.	0.5%
Whitby Hydro Electric Corporation	0.9%
Woodstock Hydro Services Inc.	0.3%

### **Reporting Glossary**

Annual: 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).

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

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

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

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

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

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

Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

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.

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

Table 11: PowerStream Inc. Initiative and Program Level Gross Savings by Year

Initiative	Unit	(new peal	Gross Incremental Pea k demand savings from activi	k Demand Savings (kW) ty within the specified repor	(new e	Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)					
		2011	2012	2013	2014	2011	2012	2013	2014		
Consumer Program									-		
ppliance Retirement**	Appliances	339	94	114	112	2,465,802	662,323	753,494	737,978		
ppliance Exchange**	Appliances	30	16	74	93	36,794	28,384	131,258	164,949		
VAC Incentives	Equipment	4,700	3,278	3,412	4,398	8,684,756	5,614,936	5,927,245	8,159,813		
onservation Instant Coupon Booklet	Items	70	15	31	88	1,174,884	88,018	454,211	1,168,837		
i-Annual Retailer Event	Items	100	108	76	307	1,785,664	1,939,860	1,091,431	4,663,729		
etailer Co-op	Items	0	0	0	0	3,450	0	0	0		
esidential Demand Response	Devices	1,251	3,873	11,897	14,426	3,239	28,587	16,249	1,219		
esidential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0		
esidential New Construction	Homes	0	0	0	15	0	0	0	238,192		
onsumer Program Total		6,490	7,383	15,603	19,439	14,154,589	8,362,107	8,373,887	15,134,717		
siness Program											
etrofit	Projects	1,673	5,991	7,037	9,134	9,981,644	31,379,602	38,768,553	61,214,482		
rect Install Lighting	Projects	1,967	1,922	2,463	2,762	5,703,882	6,515,817	8,416,742	10,120,943		
uilding Commissioning	Buildings	0	0	0	58	0	0	0	109,537		
ew Construction	Buildings	33	0	1,441	4,731	139,736	0	2,925,209	14,761,396		
nergy Audit	Audits	0	52	121	594	0	251,763	659,796	2,918,341		
nall Commercial Demand Response	Devices	0	0	0	0	0	0	0	0		
nall Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0		
emand Response 3	Facilities	1,243	1,232	1,921	1,680	48,536	17,913	28,336	0		
usiness Program Total		4,916	9,197	12,983	18,958	15,873,798	38,165,094	50,798,636	89,124,698		
dustrial Program											
ocess & System Upgrades	Projects	0	0	0	0	0	0	0	0		
onitoring & Targeting	Projects	0	0	0	0	0	0	0	0		
nergy Manager	Projects	0	17	468	246	0	33,000	4,130,757	1,316,868		
etrofit	Projects	684	0	0	0	4,169,768	0	0	0		
emand Response 3	Facilities	2,634	3,186	6,406	6,112	154,591	76,793	157,656	0		
dustrial Program Total		3,317	3,203	6,874	6,359	4,324,359	109,793	4,288,413	1,316,868		
ome Assistance Program											
ome Assistance Program	Homes	0	154	45	34	0	317,173	595,251	433,704		
ome Assistance Program Total		0	154	45	34	0	317,173	595,251	433,704		
boriginal Program											
ome Assistance Program	Homes	0	0	0	0	0	0	0	0		
irect Install Lighting	Projects	0	0	0	0	0	0	0	0		
boriginal Program Total		0	0	0	0	0	0	0	0		
e-2011 Programs completed in 2011					•			•	•		
ectricity Retrofit Incentive Program	Projects	3,752	0	0	0	18,243,264	0	0	0		
gh Performance New Construction	Projects	422	1,289	83	0	2,165,793	5,491,540	221,916	0		
pronto Comprehensive	Projects	0	0	0	0	0	0	0	0		
•	Projects	110	0	0	0	286,080	0	0	0		
ultifamily Energy Efficiency Rebates		81	0	0	0	-	0	0	0		
C Custom Programs	Projects			-	· · · · · · · · · · · · · · · · · · ·	533,038			-		
e-2011 Programs completed in 2011 To	tai	4,366	1,289	83	0	21,228,175	5,491,540	221,916	0		
her	- I			1				-			
ogram Enabled Savings	Projects	0	0	5	242	0	0	7,515	1,373,950		
ne-of-Use Savings	Homes	0	0	0	3,937	0	0	0	0		
C Pilots	Projects	0	0	0	144	0	0	0	771,514		
her Total		0	0	5	4,179	0	0	7,515	1,373,950		
justments to 2011 Verified Results			672	6	18		2,887,040	9,828	127,270		
djustments to 2012 Verified Results				1,023	1,397			5,471,529	6,268,947		
djustments to 2013 Verified Results					2,730				14,349,263		
		12.002	12.025	15 3/0	· · ·	EE 274 FE4	E2 222 44E	64.000.070			
nergy Efficiency Total		13,962	12,935	15,368	26,895	55,374,554	52,322,415	64,083,378	108,154,233		
emand Response Total		5,128	8,291	20,225	22,218	206,366	123,292	202,240	1,219		
djustments to Previous Years' Verified R		0	672	1,029	4,146	0	2,887,040	5,481,357	20,745,481		
PA-Contracted LDC Portfolio Total (inc. )	Adjustments)	19,089	21,898	36,622	53,260	55,580,920	55,332,747	69,766,975	128,900,933		

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

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

\*\*Net results substituted for gross results due to unavailability of data

2011-2014 Final Results Report

#### 2011-2014 Final Results Report\_HCPowerStream Inc.

Table 12: Adjustments to PowerStream Inc. Gross Verified Results due to Variances

Initiative	Unit	(new peak deman	oss Incremental Pea d savings from activit	ty within the specifie	ed reporting period)		vings from activity w		porting period)
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-739	75	155		-1,359,204	143,530	275,408	
Conservation Instant Coupon Booklet	Items	1	0	0		16,993	0	1,372	
Bi-Annual Retailer Event	Items	8	0	0		157,569	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	0	0		17,835	0	0	
Consumer Program Total		-730	75	155		-1,166,808	143,530	276,780	
-		-730	,,,	155		-1,100,000	143,550	270,700	
Business Program Retrofit	Projects	287	755	1,043		1,915,166	5,113,687	5,313,943	
Direct Install Lighting	Projects	3	3	0		5,333	14,832	0	
Building Commissioning	Buildings	0	0	0		0	0	0	
	Buildings	25	0	838		120,074	4,913,801	3,051,309	
New Construction	-	5	5	134				734,031	
Energy Audit	Audits	-				25,176	39,020		
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	-	-			0	-	-	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		320	764	2,015		2,065,749	10,081,340	9,099,282	
Industrial Program			1	1					
Process & System Upgrades	Projects	0	0	0		0	0	0	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	199		0	53,636	3,091,126	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		0	0	199		0	53,636	3,091,126	
Home Assistance Program			1	1					
Home Assistance Program	Homes	0	0	31		0	207,812	151,563	
Home Assistance Program Total		0	0	31		0	207,812	151,563	
Aboriginal Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		0	0	0		0	0	0	
Pre-2011 Programs completed in 2011					•				
Electricity Retrofit Incentive Program	Projects	0	0	0		0	0	0	
High Performance New Construction	Projects	1,084	0	36		1,992,353	0	184,999	
Toronto Comprehensive	Projects	0	0	0		0	0	0	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
	Projects	1,084	0	36		1,992,353	0	184,999	
Pre-2011 Programs completed in 2011 Total		1,084	U	30		1,992,353	U	184,999	
Other				1					
Program Enabled Savings	Projects	3	185	72		5,574	1,234,217	884,780	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		3	185	72		5,574	1,234,217	884,780	
Adjustments to 2011 Verified Results		677				2,896,868			
Adjustments to 2012 Verified Results			1,023				11,720,536		
Adjustments to 2013 Verified Results			-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,508			, 10,000	13,688,529	
Total Adjustments to Previous Years' Verified Resu	lts	677	1,023	2,508		2,896,868	11,720,536	13,688,529	
systeme to the second to the s			_,==	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_,			

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

Table 13: Province-Wide Initiatives and Program Level Gross Savings by Year

Initiative	Unit	(new peak d	Gross Incremental Pea emand savings from activi	ık Demand Savings (kW) ty within the specified rej	orting period)	(new ener	Gross Incremental E gy savings from activity w	inergy Savings (kWh) vithin the specified report	ing period)
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program				•					
Appliance Retirement**	Appliances	6,750	2,011	3,151	3,579	45,971,627	13,424,518	18,616,239	20,315,770
Appliance Exchange**	Appliances	719	556	2,101	2,238	873,531	974,621	3,746,106	3,990,372
HVAC Incentives	Equipment	53,209	38,346	40,418	48,467	99,413,430	66,929,213	71,225,037	90,274,814
Conservation Instant Coupon Booklet	Items	1,184	231	464	1,442	19,192,453	1,325,898	6,842,244	19,000,254
Bi-Annual Retailer Event	Items	1,504	1,622	1,142	4,626	26,899,265	29,222,072	16,441,329	70,254,471
Retailer Co-op	Items	0	0	0	0	3,917	0	0	0
Residential Demand Response	Devices	10,390	49,038	93,076	117,513	23,597	359,408	390,303	8,379
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	1	29	587	1,813	4,884	259,826	3,699,786
Consumer Program Total		73,757	91,805	140,380	178,452	192,379,633	112,240,615	117,521,084	207,543,846
Business Program									
Retrofit	Projects	34,201	78,965	82,896	98,849	184,070,265	387,817,248	478,410,896	642,515,421
Direct Install Lighting	Projects	22,155	20,469	19,807	24,794	65,777,197	68,896,046	68,140,249	89,528,509
Building Commissioning	Buildings	0	0	0	988	0	0	0	1,513,377
New Construction	Buildings	247	1,596	2,934	11,911	823,434	3,755,869	9,183,826	37,742,970
Energy Audit	Audits	0	1,450	4,283	9,367	0	7,049,351	23,386,108	46,012,517
Small Commercial Demand Response	Devices	55	187	773	2,116	131	1,068	373	319
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	21,390	19,389	23,706	23,380	633,421	281,823	346,659	0
Business Program Total	racincies	78,048	122,056	134,399	171,405	251,304,448	467,801,406	579,468,111	817,313,113
		78,048	122,030	134,355	171,405	231,304,448	407,801,400	575,408,111	817,515,115
Industrial Program	Drojects	0	0	313	12,287	0	0	2,799,746	90,463,617
Process & System Upgrades	Projects	0	0	0	12,287	0	0	2,799,740	502,517
Monitoring & Targeting	Projects						-	-	
Energy Manager	Projects	0	1,034	3,953	5,767	0	7,067,535	24,438,070	44,929,364
Retrofit	Projects	6,372	ě	0	-	38,412,408	ů	ő	0
Demand Response 3	Facilities	176,180	74,056	162,543	166,082	4,243,958	1,784,712	4,309,160	0
Industrial Program Total		182,552	75,090	166,809	184,238	42,656,366	8,852,247	31,546,976	135,895,498
Home Assistance Program	lu.		4.777	2.254	2.455	56.440	5 534 333	20.007.075	40.500.650
Home Assistance Program	Homes	4	1,777	2,361	2,466	56,119	5,524,230	20,987,275	19,582,658
Home Assistance Program Total		4	1,777	2,361	2,466	56,119	5,524,230	20,987,275	19,582,658
Aboriginal Program			1	1	1				
Home Assistance Program	Homes	0	0	267	549	0	0	1,609,393	3,101,207
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		0	0	267	549	0	0	1,609,393	3,101,207
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	40,418	0	0	0	223,956,390	0	0	0
High Performance New Construction	Projects	10,197	6,501	772	268	52,371,183	23,803,888	3,522,240	1,377,475
Toronto Comprehensive	Projects	33,467	0	0	802	174,070,574	0	0	7,085,257
Multifamily Energy Efficiency Rebates	Projects	2,553	0	0	0	9,774,792	0	0	0
	Projects	534	0	0	0	649,140	0	0	0
LDC Custom Programs				772	1,070		-	÷	
Pre-2011 Programs completed in 2011 To Other	la	87,169	6,501	112	1,070	460,822,079	23,803,888	3,522,240	8,462,733
Program Enabled Savings	Projects	0	2,177	3,692	5,500	0	525,011	4,075,382	19,035,337
Time-of-Use Savings	Homes	0	0	0	54,795	0	0	0	0
LDC Pilots	Projects	0	0	0	1,170	0	0	0	5,061,522
Other Total		0	2,177	3,692	60,296	0	525,011	4,075,382	19,035,337
Adjustments to 2011 Verified Results			13,266	645	1,601		48,705,294	20,581	6,028
Adjustments to 2011 Verified Results			10,200	8,632	13,449		10,100,204	54,301,893	59,098,939
Adjustments to 2012 Verified Results				0,032	34,727			- 34,301,033	206,413,158
Energy Efficiency Total		213,515	156,735	168,583	289,384	942,317,539	616,320,385	753,683,966	1,210,925,694
Demand Response Total		208,015	142,670	280,099	309,091	4,901,107	2,427,011	5,046,495	8,698
Adjustments to Previous Years' Verified R	Results Total	0	13,266	9,277	49,777	0	48,705,294	54,322,474	265,518,125
OPA-Contracted LDC Portfolio Total (inc. )		421,530	312,671	457,958	648,252	947,218,646	667,452,690	813,052,934	1,476,452,516
Activity and savings for Demand Response resources			r informational purposes only and			347,210,040	007,432,030	013,032,334	1,470,432,310

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 \*\*Net results substituted for gross results due to unavailability of data

(reported cumulatively).

#### 2011-2014 Final Results Report\_HCPowerStream Inc.

Table 14: Adjustments to Province-Wide Gross Verified Results due to Variances

Initiative	Unit	(new peak demand sav	ncremental Peak Demar ings from activity within	the specified reportin		(new energy saving	oss Incremental Energy Sa gs from activity within the	e specified reporting per	
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program				T.			T	T	
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-8,759	1,091	2,157		-16,241,086	1,952,473	3,873,449	
Conservation Instant Coupon Booklet	Items	15	0	1		255,975	0	20,668	
Bi-Annual Retailer Event	Items	117	0	0		2,373,616	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	1	1	115		330,093	2,009	701,488	
Consumer Program Total		-8,628	1,092	2,273		-13,281,402	1,954,483	4,595,605	
Business Program									
Retrofit	Projects	4,511	10,114	16,584		22,046,931	58,528,789	108,677,566	
Direct Install Lighting	Projects	541	217	49		1,346,618	781,858	174,460	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	3,287	2,673	4,151		11,323,593	9,884,305	15,992,924	
Energy Audit	Audits	656	488	3,631		2,391,744	2,386,374	19,822,524	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total	racintics	8,996	13,491	24,414		37,108,886	71,581,326	144,667,473	
		8,550	13,451	24,414		37,108,880	71,381,320	144,007,475	
Industrial Program Process & System Upgrades	Projects	0	0	426		0	0	1,232,785	
Monitoring & Targeting	Projects	0	0	54		0	528,000	639,348	
Energy Manager	Projects	29	1,071	2,687		0	8,968,007	28,893,596	
Retrofit	Projects	0	0	0		0	0	28,895,590	
	Facilities	0	0	0		0	0	0	
Demand Response 3	Facilities	29	1,071	3,168		0	9,496,007	30,765,729	_
Industrial Program Total		29	1,071	3,168		0	9,496,007	30,765,729	
Home Assistance Program	Homes	0	222	791		0	1 216 740	4,321,794	
Home Assistance Program	Homes						1,316,749		_
Home Assistance Program Total		0	222	791		0	1,316,749	4,321,794	
Aboriginal Program								1	
Home Assistance Program	Homes	0	0	134		0	0	563,715	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		0	0	134		0	0	563,715	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	266	0	0		1,049,108	0	0	
High Performance New Construction	Projects	13,072	727	405		23,905,663	5,665,066	1,535,048	
Toronto Comprehensive	Projects	0	1,920	529		0	12,924,335	3,783,965	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		13,337	2,647	934		24,954,771	18,589,400	5,319,013	
Other									
Program Enabled Savings	Projects	1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total	riojecis	-	-	2,020		-	-	-	
		1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Adjustments to 2011 Verified Results		15,511				50,455,967			
Adjustments to 2012 Verified Results			22,235				114,419,652		
Adjustments to 2013 Verified Results				33,734				200,921,892	
Adjustments to Previous Years' Verified Results Total		15,511	22,235	33,734		50,455,967	114,419,652	200,921,892	
Activity and savings for Demand Response resources for each year		*Includes adjustments after Final	al Reports were issued			Gross results are presented for Verified Results	informational purposes only an	d are not considered official 20	)14 Final

se resources for each year represent the s from all active facilities or devices contracted since January 1, 2011 (reported

cumulatively).

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

EB-2017-0024 Alectra Utilities Corporation 2018 EDR Application Exhibit 3 Tab 1 Schedule 1 Filed: July 7, 2017

# ATTACHMENT 30 – 2015 FINAL IESO RESULTS REPORT POWERSTREAM RZ

# 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.

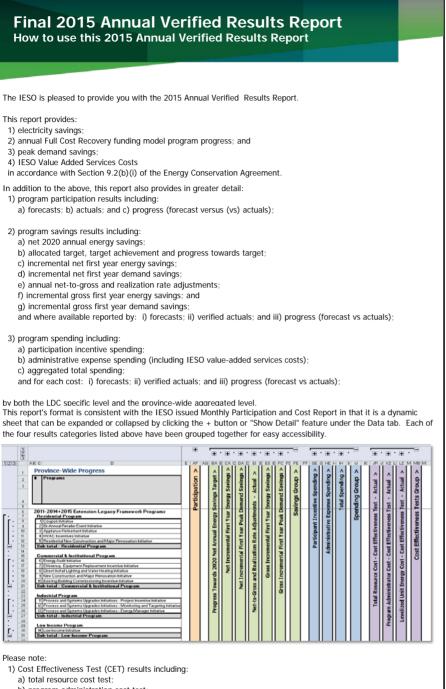
I look forward to continuing to work together in achieving success in the Conservation First Framework.

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	<ul> <li>A high level summary of the Final 2015 Annual Verified Results Report, including:</li> <li>1) progress toward the LDC's <ul> <li>a) Allocated 2020 Energy Savings Target;</li> <li>b) Allocated 2015-2020 LDC CDM Plan Budget;</li> <li>c) CDM Plan 2015-2020 Forecasts;</li> </ul> </li> <li>3) annual savings and spending;</li> <li>4) Annual FCR Progress;</li> <li>5) annual LDC CDM Plan spending progress;</li> <li>6) graphs describing: <ul> <li>a) contribution to 2020 Target Achievement by program;</li> <li>b) 2015 LDC CDM Plan Budget Spending by Sector;</li> <li>c) annual energy savings persistence to 2020 by year;</li> <li>d) your Allocated Target achievement progress relative to your peers; and</li> <li>e) your LDC CDM Plan Budget Spending progress relative to your peers;</li> </ul> </li> </ul>
3	LDC Progress	<ul> <li>A comprehensive report of 2015 conservation results including:</li> <li>1) activity;</li> <li>2) savings including; <ul> <li>a) energy and demand;</li> <li>b) net and gross;</li> <li>c) CDM Plan forecasts, verified actuals and relative progress;</li> <li>d) Allocated Target and Target acheivement; and</li> </ul> </li> <li>3) spending, including participant incentives and administrative expenses.</li> <li>Data is grouped by category and summarized at the LDC level.</li> </ul>
4	Province-Wide Progress	<ul> <li>A comprehensive report of 2015 conservation results including:</li> <li>1) activity;</li> <li>2) savings including; <ul> <li>a) energy and demand;</li> <li>b) net and gross;</li> <li>c) CDM Plan forecasts, verified actuals and relative progress;</li> <li>d) Allocated Target and Target acheivement; and</li> </ul> </li> <li>3) spending, including participant incentives and administrative expenses.</li> <li>Data is grouped by category and summarized at the province-wide level.</li> </ul>
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.



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



### For: PowerStream Inc.

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)	76,511.169	535,439.999	14	535,440.000	14	40
2 Total Spending (\$)	5,019,130	140,696,240	4	140,696,240	4	3

### Annual Results

#	Metric	2015	2016	2017	2018	2019	2020	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	76,511.169						76,511.169
2	Net Verified Incremental First Year Energy Savings (MWh)	79,472.950						79,472.950
3	Total Spending (\$)	5,019,130						5,019,130
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

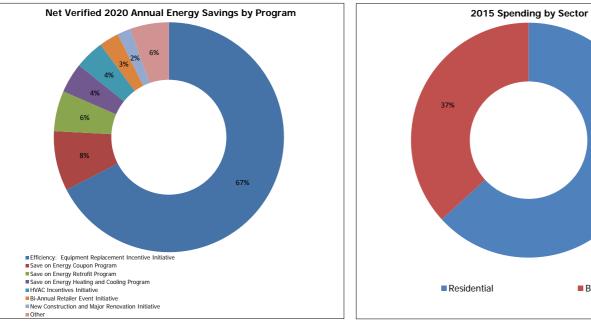


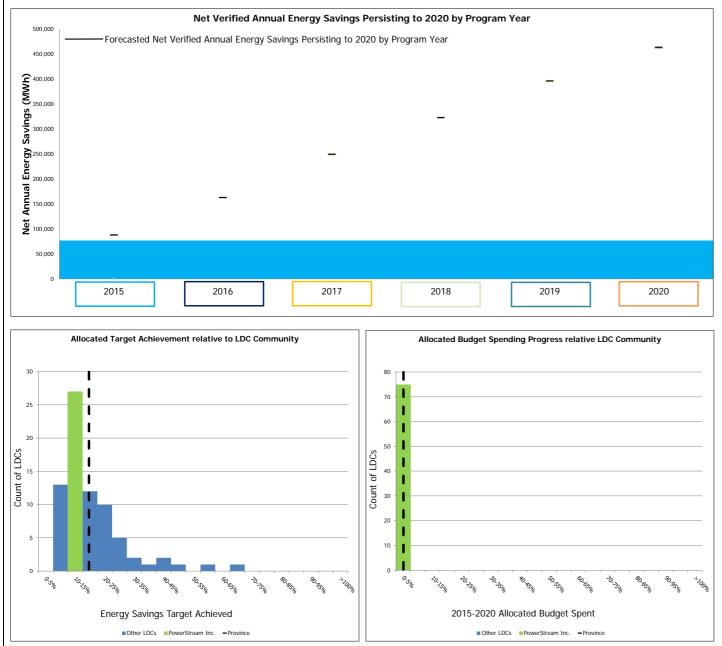
#	Metric	Result
1	Net Verified 2015 Annual Energy Savings from Full Cost Recovery Programs (MWh)	79,472.950
	Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh)	91,075.366
3	Annual Full Cost Recovery Progress (%)	87

#	Metric	Result
1	2015 Spending (\$)	5,019,130
2	2015 CDM Plan Budget (\$)	5,743,501
3	CDM Plan Budget Progress (%)	87

63%

Business







PowerStream Inc. Progress							Par	ticipation			
# Programs	Unit of Measure			CDM Plan	Forecast Repo	rted (#)			Actual Verified (#)		Progress vs. CDM Plan (%)
		2015	2016	2017	2018	2019	2020	Total	2015 2016 2017 2019 2020	Total	2015 2016 2017 2019 2019 2020 704
2011-2014+2015 Extension Legacy Framework Programs Residential Program											
1 Coupon Initiative	Measures	25,221						25,221	44,077	44,077	175% 175%
2 Bi-Annual Retailer Event Initiative	Measures	83,322						83,322	111,848	111,848	134% <b>134%</b>
3 Appliance Retirement Initiative 4 HVAC Incentives Initiative	Appliances	258 5,096						258 5,096	356	356 5,934	138% 138% 138%
5 Residential New Construction and Major Renovation Initiative	Equipment Homes	5,096						5,096	5,934	5,934	110%
Sub-total - Residential Program	Tomos	,						Ů			
Commercial & Institutional Program											
6 Energy Audit Initiative	Audits	19					_	19	12	12	63% 63%
7 Efficiency: Equipment Replacement Incentive Initiative	Projects	884						884	765	765	87% 87% 90% 90%
8 Direct Install Lighting and Water Heating Initiative 9 New Construction and Major Renovation Initiative	Projects Buildings	800	7					800 7	5	720	71% 71%
10 Existing Building Commissioning Incentive Initiative	Buildings	0	)					0	0	0	
Sub-total - Commercial & Institutional Program											
Industrial Program								,		,	
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	Projects	0	0					0	0	0	
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative 13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Audits Projects	27		-			-	0 27	35	0	130%
Sub-total - Industrial Program		21						27		00	13376
Low Income Program											
14 Low Income Initiative	Homes	180	)					180	180	180	100% 100%
Sub-total - Low-Income Program											
Pilot Program											· · · · · · · · · · · · · · · · · · ·
15 Loblaws Pilot	Projects	0		-				0	2	2	
16 Social Benchmarking Pliot 17 Conservation Fund Pilot - SEG	Participants Projects	0		+ +				0	0	0	
18 Conservation Fund Pilot - EnerNOC	Projects	0						0	1	1	
Sub-total - Pilot Program											
Other											
19 Aboriginal Conservation Program	Homes	0						0	0	0	
20 Program Enabled Savings 21 Adjustments to 2015 Legacy Framework Verified Results	Projects	n/a n/a						0	0	1	
Sub-total - Other		1//d								ů	
Sub-total - 2011-2014+2015 Extension Legacy Framework								I			
2015-2020 Conservation First Framework Programs											
Residential Province-Wide Program 22 Save on Energy Coupon Program	Measures	83,322	2 166,6	44 716,381	716,381	429,828	286,552	2,399,108	252,262	252,262	303% 11%
23 Save on Energy Heating and Cooling Program	Equipment	4,765			14,000	14,000	14,000	70,626	5,696	5,696	120%
24 Save on Energy New Construction Program	Homes	0	)	0 0	0	0	0	0	0	0	
25 Save on Energy Home Assistance Program Sub-total - Residential Province-Wide Program	Homes	0		44 29	29	28	28	158	0	0	0%
Sub-total - Residential Province-wide Program											
Business Province-Wide Program	<u> </u>		.1								
26 Save on Energy Audit Funding Program 27 Save on Energy Retrofit Program	Audits Projects	261		23 23 79 1,430	23	23 1,500	23 1,530	117 7,269	170	0 170	0% 0% 0% 2%
28 Save on Energy Small Business Lighting Program	Projects	201			0	0	0	12,428	0	0	03%
29 Save on Energy High Performance New Construction Program	Buildings	0	)	6 6	6	7	6	31	0	0	0%
30 Save on Energy Existing Building Commissioning Program 31 Save on Energy Process & Systems Upgrades Program	Buildings	0	-	0 0	0	0	0	0	0	0	
31 Save on Energy Process & Systems Opgrades Program 32 Save on Energy Monitoring & Targeting Program	Projects Audits	0		0 0	0	0	0	0	0	0	
33 Save on Energy Energy Manager Program	Projects	0		14 14	14	14	14	70	0	0	0%
Sub-total - Business Province-Wide Program											
Local & Regional Program			1								
34 Business Refrigeration Local Program 35 First Nation Conservation Local Program	Projects Projects	0		30 995 0 0	0	0	0	1,425	n/a	0	n/a 0%
36 Social Benchmarking Local Program	Projects Participants	0		0 0	0	0	0	0	n/a	0	n/a
Sub-total - Local & Regional Program											
Pilot Program											
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C	Projects								n/a	0	
S8 EnWin Utilities Ltd Building Optimization Pilot     EnWin Utilities Ltd Re-Invest Pilot	Projects Projects								n/a	0	
40 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Projects Projects								n/a l	0	
41 Horizon Utilities Corporation - Social Benchmarking Pilot	Participants								n/a	0	
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi	Projects								n/a	0	
43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot     44 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Homes Projects								n/a	0	
44 Nicheher-Willingt Hydro Inc Pilot - DCKV 45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric	Projects						-		n/a	0	
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic	Projects								n/a	0	
A7 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls     Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Projects Projects								n/a	0	
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings) 49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Projects Projects						-		n/a n/a	0	
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Projects								n/a	0	
Sub-total - Pilot Program									0	0	
Other 51 Adjustments to 2015 CFF Verified Results	ı								n/a		
51 Adjustments to 2015 CFF Verified Results 52 Adjustments to 2016 CFF Verified Results							-		n/a n/a	0	
53 Adjustments to 2017 CFF Verified Results									n/a	0	
54 Adjustments to 2018 CFF Verified Results									n/a	0	
55 Adjustments to 2019 CFF Verified Results Sub-total - Other									n/a	0	
Jun-total * Utilei										U	
Sub-total - 2015-2020 Conservation First Framework											
Total							1	11			
i otur											



PowerStream Inc. Progress			Pr	rogress Towards	s Net 2020 A	nnual Energy	Savings Target - (	(Contribution by Year)		
# Programs			CDM Plan F	orecast Reported (kV	Vh)			Actual Verified (kWh)		Progress
	a	Ŷ	~	œ	6	0		<u>۵ (۵ ۵ ۵ ۷ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵</u>	Allocated Target (kWh)	vs. Target
	2015	2016	2017	2018	201	2020	Total	2015 2016 2017 2018 2019 2020 2020		(%)
2011-2014+2015 Extension Legacy Framework Programs Residential Program										
1 Coupon Initiative	1,008,891						1,008,891	1,018,620 1,1	018,620	
2 Bi-Annual Retailer Event Initiative	4,079,350						4,079,350		119,365	
3 Appliance Retirement Initiative 4 HVAC Incentives Initiative	0						0	3,175,791 3,	0 175,791	
5 Residential New Construction and Major Renovation Initiative	1,141,255						1,141,255	58,971	58,971	
Sub-total - Residential Program	6,229,496						6,229,496		372,747	
Commercial & Institutional Program										
6 Energy Audit Initiative	0						0	0	0	
7 Efficiency: Equipment Replacement Incentive Initiative	66,030,288						66,030,288		599,822	
8 Direct Install Lighting and Water Heating Initiative     9 New Construction and Major Renovation Initiative	2,842,576 717,504						2,842,576 717,504		339,668 437,827	
10 Existing Building Commissioning Incentive Initiative	0						0	0	0	
Sub-total - Commercial & Institutional Program	69,590,368						69,590,368	54,377,317 54,	377,317	
Industrial Program										
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	0						0	0	0	
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative 13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	441.000						0 441,000	752,682	0 752,682	
Sub-total - Industrial Program	441,000						441,000		752,682	
Low Income Program 14 Low Income Initiative	170,111						170,111	103,950	103,950	
Sub-total - Low-Income Program	170,111						170,111		103,950	
Pilot Program										
Pilot Program 15 Loblaws Pilot	0						0	901,493	901,493	
16 Social Benchmarking Pliot	0						0	0	0	
17 Conservation Fund Pilot - SEG 18 Conservation Fund Pilot - EnerNOC	0						0	0	0	
Sub-total - Pilot Program	0						0	-	901,493	
Other 19 Aboriginal Conservation Program	0						01	0	0	
20 Program Enabled Savings	n/a						0	0	0	
21 Adjustments to 2015 Legacy Framework Verified Results	n/a						0	0	0	
Sub-total - Other	0						0	0	0	
Sub-total - 2011-2014+2015 Extension Legacy Framework	76,430,975						76,430,975	62,508,189 62,50	08,189	
2015-2020 Conservation First Framework Programs Residential Province-Wide Program										
22 Save on Energy Coupon Program	4,079,350	8,158,701	11,800,035	11,800,035	7,080,021	4,720,014	47,638,156	6,429,030 6,	429,030	
23 Save on Energy Heating and Cooling Program	1,067,000	3,441,914	3,303,854	3,204,776	3,105,704	3,006,598	17,129,846		220,099	
24 Save on Energy New Construction Program	0	0	0	0	0	0	0	0	0	
25 Save on Energy Home Assistance Program Sub-total - Residential Province-Wide Program	0 5,146,350	81,032 11,681,647	53,407 15,157,296	53,407 15,058,218	51,566 10,237,291	51,566 7,778,178	290,978 65,058,980	9,649,129 9,	0 649,129	
	0,110,000	11/001/01/	10/10//2/0	10,000,210	10/207/271	1,110,110	00,000,700			
Business Province-Wide Program	0	0	1,501,292	1,501,292	1,501,292	1,501,292	6,005,168	0		
26 Save on Energy Audit Funding Program 27 Save on Energy Retrofit Program	6,616,219	46,919,168	51,046,423	55,619,483	55,315,529	56,881,426	272,398,248		353,851	
28 Save on Energy Small Business Lighting Program	0	12,885,105	12,885,105	0	0	0	25,770,210	0	0	
29 Save on Energy High Performance New Construction Program	0	342,000	342,000	342,000	5,622,718	342,000	6,990,718	0	0	
30 Save on Energy Existing Building Commissioning Program 31 Save on Energy Process & Systems Upgrades Program	0	0	0	0	0	0	0	0	0	
32 Save on Energy Monitoring & Targeting Program	0	0	0	0	0	0	0	0	0	
33 Save on Energy Energy Manager Program	0	810,646	810,646	810,646	810,646	810,646	4,053,230	0	0	
Sub-total - Business Province-Wide Program	6,616,219	60,956,919	66,585,466	58,273,421	63,250,185	59,535,364	315,217,574	4,353,851 4,	353,851	
Local & Regional Program										
34 Business Refrigeration Local Program 35 First Nation Conservation Local Program	0	2,082,415	4,818,611	0	0	0	6,901,026 0	n/a n/a	0	
36 Social Benchmarking Local Program	0	0	0	0	0	0	0	n/a	0	
Sub-total - Local & Regional Program	0	2,082,415	4,818,611	0	0	0	6,901,026	0	0	
Pilot Program										
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C								n/a	0	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Ltd Re-Invest Pilot								n/a n/a	0	
40 Horizon Utilities Corporation - ECM Furnace Motor Pilot						-		n/a	0	
41 Horizon Utilities Corporation - Social Benchmarking Pilot								n/a	0	
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi 43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot								n/a n/a	0	
43 Hydro Ottawa Limited - Residential Demand Response WI-FI Thermostat Pilot 44 Kitchener-Wilmot Hydro Inc Pilot - DCKV								n/a n/a	0	
45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a	0	
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic								n/a	0	
47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls     48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)								n/a	0	
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a	0	
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Sub-total - Pilot Program								n/a 0	0	
									<u> </u>	
Other 51 Adjustments to 2015 CEE Verified Deputs								2/2		
51 Adjustments to 2015 CFF Verified Results 52 Adjustments to 2016 CFF Verified Results								n/a n/a	0	
53 Adjustments to 2017 CFF Verified Results								n/a	0	
54 Adjustments to 2018 CFF Verified Results								n/a	0	
55 Adjustments to 2019 CFF Verified Results Sub-total - Other								n/a 0	0	
Sub-total - 2015-2020 Conservation First Framework	11,762,569	74,720,981	86,561,373	73,331,639	73,487,476	67,313,542	387,177,580	14,002,980 14,00	02,980	
Total	88,193,544	74,720,981	86,561,373	73,331,639	73,487,476	67,313,542	463,608,555	76,511,169 76,5	11,169 535,440,0	000 14.29%
	00,170,044	1,120,701	53,551,573		10,101,410	01,010,042		70,5		17.2770



PowerStream Inc. Progress					Net Increr	mental First Ye	ar Energy Saving	gs		
# Programs			CDM Plan F	orecast Reported (	kWh)			Actual Verified (kWh)		Annual Cumulative Progress vs. CDM Plan
	2015	2016	2017	2018	2019	2020	Total	2015 2016 2017 2018 2019 2020	Total	2015 2016 2017 2019 () 2020 Total
2011-2014+2015 Extension Legacy Framework Programs	<u> </u>									
Residential Program           1 Coupon Initiative	1,008,891						1,008,891	1,027,535	1,027,535	102% 102%
2 Bi-Annual Retailer Event Initiative	4,079,350						4,079,350	2,194,924	2,194,924	54% 54%
3 Appliance Retirement Initiative 4 HVAC Incentives Initiative	93,077						93,077 1,141,255	3,175,791	155,424 3,175,791	167% 167% 278% 278%
5 Residential New Construction and Major Renovation Initiative	0						0	58,971	58,971	
Sub-total - Residential Program	6,322,573						6,322,573	6,612,645	6,612,645	105% 105%
Commercial & Institutional Program							,			
6 Energy Audit Initiative 7 Efficiency: Equipment Replacement Incentive Initiative	1,240,198 66,030,288						1,240,198 66,030,288	875,115 51,722,543	875,115 51,722,543	71% 71% 78% 78%
8 Direct Install Lighting and Water Heating Initiative	2,842,576						2,842,576	2,024,454	2,024,454	71% 71%
9 New Construction and Major Renovation Initiative	717,504						717,504	1,437,827	1,437,827	200% 200%
10 Existing Building Commissioning Incentive Initiative Sub-total - Commercial & Institutional Program	0 70,830,566						70,830,566	56,059,939	56,059,939	79% 79%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	0						0	0	0	
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0						0	0	0	
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Sub-total - Industrial Program	1,859,000 1,859,000						1,859,000 1,859,000	1,293,617 1,293,617	1,293,617 1,293,617	70% 70% 70%
	1,007,000						1,007,000	1,273,017	1,293,017	70%
Low Income Program	170.411							147.207		070/
14 Low Income Initiative Sub-total - Low-Income Program	170,111 170,111						<u>170,111</u> 170,111	147,287 147,287	147,287 147,287	87% 87% 87%
Pilot Program 15 Loblaws Pilot	0						وال	901,493	901,493	
16 Social Benchmarking Pliot	0						0	0	0	
17 Conservation Fund Pilot - SEG 18 Conservation Fund Pilot - EnerNOC	0						0	0 130,073	0	
Sub-total - Pilot Program	0						0	1,031,566	130,073 1,031,566	
		•		•		•				
Other 19 Aboriginal Conservation Program	0						0	0	0	
20 Program Enabled Savings	n/a						0	235,240	235,240	
21 Adjustments to 2015 Legacy Framework Verified Results Sub-total - Other	n/a						0	235,240	0 235,240	
Sub-total - Otnei	0						<u> </u>	235,240	235,240	
2015-2020 Conservation First Framework Programs Residential Province-Wide Program 22 Save on Energy Coupon Program	4,079,350	8,158,701 3,441,914	11,800,035 3,303,854	11,800,035 3,204,776	7,080,021 3,105,704	4,720,014 3,006,598	47,638,156 17,129,846	6,484,457 3,220,099	6,484,457 3,220,099	159% <b>14%</b> 302% <b>19%</b>
23         Save on Energy Heating and Cooling Program           24         Save on Energy New Construction Program	1,007,000	0	3,303,034	3,204,770	3,103,704	3,000,398	0	0	3,220,099	30270
25 Save on Energy Home Assistance Program	0	81,032	53,407	53,407 15,058,218	51,566 10,237,291	51,566	290,978	0	0	0%
Sub-total - Residential Province-Wide Program	5,146,350	11,681,647	15,157,296	15,058,218	10,237,291	7,778,178	65,058,980	9,704,556	9,704,556	189% 15%
Business Province-Wide Program	100 5 17	4 504 000	4 504 000	4 504 000	4 504 000	4 504 000	7 ( 07 007			
26 Save on Energy Audit Funding Program 27 Save on Energy Retrofit Program	130,547 6,616,219	1,501,292 46,919,168	1,501,292 51,046,423	1,501,292 55,619,483	1,501,292 55,315,529	1,501,292 56,881,426	7,637,007 272,398,248	4,388,100	0 4,388,100	0% 0% 66% 2%
28 Save on Energy Small Business Lighting Program	0	12,885,105	12,885,105	0	0	0	25,770,210	0	0	0%
29 Save on Energy High Performance New Construction Program 30 Save on Energy Existing Building Commissioning Program	0	342,000	342,000	342,000	5,622,718 0	342,000	6,990,718	0	0	0%
31 Save on Energy Process & Systems Upgrades Program	0	0	0	0	0	0	0	0	0	
32         Save on Energy Monitoring & Targeting Program           33         Save on Energy Energy Manager Program	0	0 810,646	0 810,646	0 810,646	0 810,646	0 810,646	0 4,053,230	0	0	0%
Sub-total - Business Province-Wide Program	6,746,766	62,458,211	66,585,466	58,273,421	63,250,185	59,535,364	316,849,413	4,388,100	4,388,100	65% 1%
Local & Regional Program										
34 Business Refrigeration Local Program	0	2,082,415	4,818,611	0	0	0	6,901,026	n/a	0	n/a 0%
35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	0	0	0	0	0	0	0	n/a n/a	0	n/a n/a
Sub-total - Local & Regional Program	0	2,082,415	4,818,611	0	0	0	6,901,026	11,719,637	0	n/a 0%
Pilot Program 37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C								n/a	0	
38 EnWin Utilities Ltd Building Optimization Pilot								n/a	0	
39 EnWin Utilities Ltd Re-Invest Pilot 40 Horizon Utilities Corporation - ECM Furnace Motor Pilot								n/a	0	
41 Horizon Utilities Corporation - Social Benchmarking Pilot								n/a l	0	
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi								n/a	0	
43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot 44 Kitchener-Wilmot Hydro Inc Pilot - DCKV								n/a n/a	0	
45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a	0	
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic 47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a	0	
47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls     48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)								n/a n/a	0	
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a	0	
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Sub-total - Pilot Program								n/a 0	0	
Other							ir	n/a		
						<b> </b>		n/a	0	
51         Adjustments to 2015 CFF Verified Results           52         Adjustments to 2016 CFF Verified Results								n/a	0	
51         Adjustments to 2015 CFF Verified Results           52         Adjustments to 2016 CFF Verified Results           53         Adjustments to 2017 CFF Verified Results						-	1			
51         Adjustments to 2015 CFF Verified Results           52         Adjustments to 2016 CFF Verified Results								n/a n/a	0	
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									0 0 0	
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           55         Adjustments to 2019 CFF Verified Results           55         Adjustments to 2019 CFF Verified Results	11 002 11/	76 000 070	84 541 272	73 221 4 20	73 407 47/	67 212 542	280 000 410	n/a 0	000000	
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	11,893,116	76,222,273	86,561,373	73,331,639	73,487,476	67,313,542	388,809,419 467,991,669	n/a	0 0 14,092,656 79,472,950	118%



PowerStream Inc. Progress				Ne	et Increm	nental Fir	st Year Pe	ak Demand S	avings			
# Programs			CDM Plan Fo	recast Repo	orted (kW)			Actual V	erified (kW)		Progress vs (%	
	2015	2016	2017	2018	2019	2020	Total	2015 2016 2016	2018 2019 2020	Total	2015 2016 2017 2018	2019 2020 Total
2011-2014+2015 Extension Legacy Framework Programs Residential Program			•		<u> </u>							<u> </u>
1 Coupon Initiative 2 Bi-Annual Retailer Event Initiative	75 267						75 267	69 163		69 163	92% 61%	92% 61%
3 Appliance Retirement Initiative 4 HVAC Incentives Initiative	16 933						16 933	23		23 1,685	144% 181%	144% 181%
5 Residential New Construction and Major Renovation Initiative Sub-total - Residential Program	0 1,291						0 1,291	21 1,961		21 1,961	152%	152%
Commercial & Institutional Program												
6 Energy Audit Initiative 7 Efficiency: Equipment Replacement Incentive Initiative	254 8,711						254 8,711	187 6,257		187 6,257	74% 72%	74%
B Direct Install Lighting and Water Heating Initiative     New Construction and Major Renovation Initiative	404						404	487		487 316	121% 238%	121% 238%
10 Existing Building Commissioning Incentive Initiative Sub-total - Commercial & Institutional Program	0 9,502						0 9,502	0 7,247		0 7,247	76%	76%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	0						0	0		0		
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative 13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	0 235						0 235	0 274		0 274	117%	117%
Sub-total - Industrial Program	235						235	274		274	117%	117%
Low Income Program 14 Low Income Initiative	12						12	12		12	100%	100%
Sub-total - Low-Income Program	12						12	12		12	100%	100%
Pilot Program           15 Loblaws Pilot           16 Social Benchmarking Pilot	0						0	131		131 0		
16 Social Benchmarking Pilot 17 Conservation Fund Pilot - SEG 18 Conservation Fund Pilot - EnerNOC	0						0	0		0		
18 Conservation Fund Pliot - EnerNOC Sub-total - Pilot Program	0						0	0 131		0 131		
Other 19 Aboriginal Conservation Program	0						0	0		0		
20 Program Enabled Savings 21 Adjustments to 2015 Legacy Framework Verified Results	n/a n/a						0	27		27 0		
Sub-total - Other	0						0	27		27		
Sub-total - 2011-2014+2015 Extension Legacy Framework	11,040						11,040	9,652		9,652	87%	87%
2015-2020 Conservation First Framework Programs Residential Province-Wide Program										,		
22 Save on Energy Coupon Program 23 Save on Energy Heating and Cooling Program	267 872	1,063	791 985	791 955	475 926	896	3,174 5,697	424		424 1,696	159% 194%	13% 30%
24 Save on Energy New Construction Program 25 Save on Energy Home Assistance Program	0	14	0	0	0	9	0	0		0		0%
Sub-total - Residential Province-Wide Program	1,139	1,611	1,785	1,755	1,410	1,221	8,921	2,120		2,120	186%	24%
Business Province-Wide Program           26 Save on Energy Audit Funding Program           27 Save on Energy Retrofit Program	27		303 7,968	303 8,410	303 8,747		1,542	0 592		0 592	0%	0%
28 Save on Energy Small Business Lighting Program 29 Save on Energy High Performance New Construction Program	0	3,215	3,215	0	0	0	6,430 833	0		0	47/0	0%
30 Save on Energy Process & Systems Upgrades Program     11 Save on Energy Process & Systems Upgrades Program	0	0	0	0	0	0	0	0		0		076
32 Save on Energy Montesia e Systems opprades Frogram 33 Save on Energy Montoring & Targeting Program 33 Save on Energy Energy Manager Program	0			0	0		0	0		0		0%
Sub-total - Business Province-Wide Program	1,241		11,701	8,928	9,553	9,464	52,111	592		592	48%	1%
Local & Regional Program 34 Business Refrigeration Local Program	0	284	658	0	0	0	942	n/a		0	n/a	0%
35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	0	0	0	0	0	0	0	n/a n/a		0	n/a n/a	
Sub-total - Local & Regional Program	0	284	658	0	0	0	942	1,600		0		0%
Pilot Program 37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C								n/a		0		
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Ltd Re-Invest Pilot								n/a n/a		0		
40         Horizon Utilities Corporation - ECM Furnace Motor Pilot           41         Horizon Utilities Corporation - Social Benchmarking Pilot								n/a n/a		0		
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil     43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot								n/a n/a		0		
Kitchener-Wilmot Hydro Inc Pilot - DCKV     Siagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a n/a		0		
46         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic           47         Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a n/a		0		
48         Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)           49         Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a n/a		0		
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Sub-total - Pilot Program								n/a 0		0		
Other								- (-				
51 Adjustments to 2015 CFF Verified Results 52 Adjustments to 2016 CFF Verified Results								n/a n/a		0		
53 Adjustments to 2017 CFF Verified Results 54 Adjustments to 2018 CFF Verified Results								n/a n/a		0		
55 Adjustments to 2019 CFF Verified Results Sub-total - Other								n/a 0		0		
Sub-total - 2015-2020 Conservation First Framework	2,380	13,119	14,144	10,683	10,963	10,685	61,974	2,712		2,712	114%	4%
Total	13,420	13,119	14,144	10,683	10,963	10,685	73,014	12,364		12,364	92%	17%



PowerStream Inc. Progress	Net-te	o-Gross and Realization Ra	ate Adjustments - Actual	/erified
# Programs		y Savings	Demano	I Savings
	Realization Rate (%)	Net-to-Gross (%) ∽ ∞ ► ∞ ● ○	Realization Rate (%)	Net-to-Gross (%)
	2015 2016 2017 2019 2019 2019 2019 70tal	2015 2016 2017 2019 2019 2020 7otal	2015 2016 2017 2019 2019 2019 2020	2015 2016 2017 2019 2019 2020 7019
2011-2014+2015 Extension Legacy Framework Programs Residential Program				
1 Coupon Initiative 2 Bi-Annual Retailer Event Initiative	100%	161%	100%	160%
3 Appliance Retirement Initiative	100%	47%	100%	47%
4 HVAC Incentives Initiative	100%	67%	100%	67%
5 Residential New Construction and Major Renovation Initiative Sub-total - Residential Program	81%	49%	275%	48%
Commercial & Institutional Program 6 Energy Audit Initiative	100%	88%	100%	88%
7 Efficiency: Equipment Replacement Incentive Initiative	103%	74%	90%	74%
8 Direct Install Lighting and Water Heating Initiative     9 New Construction and Major Renovation Initiative	75%	96%	62%	95%
10 Existing Building Commissioning Incentive Initiative	100%	100%	100%	100%
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	100%	100%	100%	100%
13 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	98%	75%	121%	81%
Sub-total - Industrial Program				
Low Income Program				
14 Low Income Initiative Sub-total - Low-Income Program	90%	100%	100%	100%
Pilot Program 15 Loblaws Pilot	100%	100%	100%	100%
16 Social Benchmarking Pliot	100%	100%	100%	100%
17 Conservation Fund Pilot - SEG	100%	100%	100%	100%
18 Conservation Fund Pilot - EnerNOC Sub-total - Pilot Program	/3%	100%	100%	100%
Other 19 Aboriginal Conservation Program	100%	100%	100%	100%
20 Program Enabled Savings	71%	90%	100%	90%
21 Adjustments to 2015 Legacy Framework Verified Results Sub-total - Other	100%	100%	100%	100%
Residential Province-Wide Program         22       Save on Energy Coupon Program         23       Save on Energy Haing and Cooling Program         24       Save on Energy New Construction Program         25       Save on Energy Home Assistance Program         26       Save on Energy Home Assistance Program         27       Save on Energy Home Assistance Program	100% 100% 100% 100%	161%           67%           100%           100%	100% 100% 100% 100% 100%	161%
Business Province-Wide Program				
26 Save on Energy Audit Funding Program	100%	100%	100%	100%
27 Save on Energy Retrofit Program	100%	76%	78%	76%
27 Save on Energy Retrofit Program 28 Save on Energy Small Business Lighting Program	100% ///////////////////////////////////	76%	78% ////////////////////////////////////	76%
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	100%	76%           100%           100%           100%	78%	76% 100% 100% 100%
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	100% 100% 100% 100% 100% 100% 100% 100%	76%         100%           100%         100%           100%         100%	78%           100%           100%           100%           100%	76%           100%           100%           100%           100%
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 High Performance New Construction Program       31     Save on Energy Process & Systems Upgrades Program       32     Save on Energy Monitoring & Targeting Program       33     Save on Energy Monitoring & Targeting Program	100%	76%           100%           100%           100%	78%	76% 100% 100% 100%
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 Process & Systems Upgrades Program	100%	76%           100%           100%           100%           100%           100%	78%	76%           100%           100%           100%           100%           100%           100%
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 High Performance New Construction Program         31       Save on Energy Process & Systems Upgrades Program         32       Save on Energy Monitoring & Targeting Program         33       Save on Energy Monitoring & Targeting Program         Sub-total - Business Province-Wide Program         Local & Regional Program	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%	78% 100% 100% 100% 100% 100% 100% 100% 10	76%
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 High Performance New Construction Program         31 Save on Energy Picking Building Commissioning Program         32 Save on Energy Picking Building Commissioning Program         32 Save on Energy Picking Building Commissioning Program         33 Save on Energy Process & Systems Upgrades Program         33 Save on Energy Energy Manager Program         Sub-total - Business Province-Wide Program         Local & Regional Program         34 Business Refrigeration Local Program	100%	76%           100%           100%           100%           100%           100%	78%	76%           100%           100%           100%           100%           100%           100%
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 High Performance New Construction Program         31       Save on Energy Process & Systems Upgrades Program         32       Save on Energy Monitoring & Targeting Program         33       Save on Energy Monitoring & Targeting Program         33       Save on Energy Monitoring & Targeting Program         33       Save on Energy Manager Program         33       Save on Energy Manager Program         34       Business Refrigeration Local Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%	78%	76%
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 High Performance New Construction Program         31       Save on Energy Neither Upgrades Program         32       Save on Energy Neithing & Targeting Program         33       Save on Energy Montoring & Targeting Program         33       Save on Energy Montoring & Targeting Program         34       Business Revince-Wilde Program         34       Business Refrigeration Local Program         35       First Nation Conservation Local Program	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%	78%	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy Process & Systems Upgrades Program         32       Save on Energy Monitoring & Targeting Program         33       Save on 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	100%	76%	78%	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Business Lighting Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy Neithing Building Commissioning Program         32       Save on Energy Montoring & Targeting Program         33       Save on Energy Montoring & Targeting Program         33       Save on Energy Montoring & Targeting Program         34       Business Province-Wilde Program         35       First Nation Conservation Local Program         36       First Nation Conservation Local Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%	78%	76%
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 Lighting Performance New Construction Program         31 Save on Energy High Performance New Construction Program         32 Save on Energy High Performance New Construction Program         33 Save on Energy Energy Manager Program         33 Save on Energy Energy Manager Program         34 Business Province-Wide Program         54 Business Refrigeration Local Program         34 Business Refrigeration Local Program         35 First Nation Conservation Local Program         36 Social Benchmarking Local Program         54 Sub-total - Local & Regional Program         36 Social Benchmarking Local Program         37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38 ErWin Utilities Ltd Reliding Optimization Pilot         39 ErWin Utilities Ltd Benvest Pilot	100%	76%	78%	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Performance New Construction Program         33       Save on Energy Performance New Construction Program         33       Save on Energy Energy Manager Program         34       Business Province-Wide Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         36       Social Regional Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0         39       EnWin Utilities Ltd Re-Invest Pilot         39       Filowin Utilities Corporation - ECM Furnace Motor Pilot	100%	76%	78%	76%
227       Save on Energy Retroff Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy Existing Building Commissioning Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Process & Systems Upgrades Program         32       Save on Energy Monitoring & Targeting Program         33       Save on Energy Monager Program         Sub-total - Business Province-Wide Program         Local & Regional Program         34       Business Retrigeration Local Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38       EnWin Utilities Lt Building Optimization Pilot         39       EnWin Utilities Lt Building Optimization Pilot         40       Horizon Utilities Corporation - Cocial Benchmarking Pilot         41       Horizon Utilities Corporation - Social Benchmarking Pilot         42       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           n/a         100%	78%	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy Keisting Building Commissioning Program         31       Save on Energy Keisting Building Commissioning Program         32       Save on Energy Process & Systems Upgrades Program         33       Save on Energy Energy Manager Program         33       Save on Energy Energy Manager Program         34       Business Province-Wide Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         36       Social Regional Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program         39       Enerwin Utilities Ltd Re-Invest Pilot         40       Horizon Utilities Corporation - Social Benchmarking Pilot         41       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil	100%	76%	78%         100%           100% <td>76%        </td>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Performance New Construction Program         32       Save on Energy Monager Program         33       Save on Energy Energy Manager Program         Sub-total - Business Province-Wide Program         41       Business Refrigeration Local Program         34       Business Refrigeration Local Program         36       Social Benchmarking Local Program         36       Social Negram         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38       Envino Utilities Ld Building Optimization Pilot         40       Horizon Utilities Ld Building Optimization Pilot         41       Horizon Utilities Ld Building Optimization Pilot         42       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         42       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         44       Kitchener-Wilmot Hydro Inc Pilot - DCKV	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           n/a         10%	78%         100%           100% <td>76%        </td>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy Process & Systems Upgrades Program         32       Save on Energy Mindager Program         33       Save on Energy Monager Program         34       Save on Energy Moning & Targeting Program         35       Save on Energy Moning & Targeting Program         36       Save on Energy Moning & Targeting Program         37       Densiness Refrigeration Local Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program         36       Social Regional Program         37       Densource Hydro Mississauga Inc Performance-Based Conservation Pilot Program         39       Enerwin Utilities Ltd Re-Invest Pilot         40       Horizon Utilities Corporation - Social Benchmarking Pilot         41       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         42       Hydro Ottawa Limited - Residential Demand Response Wi-Fil Thermostat Pilot         43       Hydro Ottawa Limited - Residential Demand Response Wi-Fil Thermostat Pilot <t< td=""><td>100%    </td><td>76%        </td><td>78%         100%           100%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%<td>76%        </td></td></t<>	100%	76%	78%         100%           100%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101%         100%           101% <td>76%        </td>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy Performance New Construction Program         32       Save on Energy Performance New Construction Program         33       Save on Energy Monager Program         33       Save on Energy Energy Manager Program         34       Business Province-Wide Program         34       Business Refrigeration Local Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0         38       Envino Utilities Ltd Building Optimization Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - ECM Furnace Motor Pilot         42       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         43       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         44       Kitchener-Wi	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           n/a         10%	78%         100%           100% <td>76%        </td>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Business Lighting Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Performance New Construction Program         32       Save on Energy Monager Program         32       Save on Energy Manager Program         33       Save on Energy Monager Program         Sub-total - Business Province-Wide Program         4       Business Refrigeration Local Program         34       Business Refrigeration Local Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38       Entwin Utilities Lt Building Optimization 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 Pilot         43       Hydro Ottawa Limited	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           n/a         100%	78%	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy Ligh Performance New Construction Program         30       Save on Energy Ligh Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Performance New Construction Program         32       Save on Energy Monager Program         32       Save on Energy Manager Program         33       Save on Energy Energy Manager Program         Sub-total - Business Province-Wide Program         43       Business Refrigeration Local Program         34       Business Refrigeration Local Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38       EnWin Utilities Lt Building Optimization 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 PI         43       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data PI	100%	76%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           n/a         100%	78%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           100%         100%           n/a         10%           n/a         10% </td <td>76%        </td>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy High Performance New Construction Program         33       Save on Energy Process & Systems Upgrades Program         32       Save on Energy Energy Manager Program         33       Save on Energy Energy Manager Program         34       Business Province-Wide Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - G         38       First Nation Conservation - CM Furnace Motor Pilot         40       Horizon Utilities Corporation - Social Benchmarking Pilot         40       Horizon Utilities Corporation - Social Benchmarking Pilot         41       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         42       Hydro Ottawa Limited - Conservation Notage Regulation (CVR) Leveraging AMI Data Pilot         43       Hydro Ottawa Limited - Conservation Notage Regulation (CVR) Leveraging AMI Data Pilot         44       Kitchener-Wilmon Hydro Inc Direct Install - RrU Controls	100%	76%	78%     100%       100%     100% <tr< td=""><td>76%        </td></tr<>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Monager Program         33       Save on Energy Manager Program         33       Save on Energy Monager Program         34       Business Province-Wide Program         35       Business Refrigeration Local Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38       First Nation Conservation Qutimization Pilot         40       Horizon Utilities Ld Building Optimization Pilot         41       Horizon Utilities Ld Building Optimization Pilot         42       Hydro Ottawa Limite - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         43       Hydro Ottawa Limite - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         44       Kitchener-Wilmot Hydro Inc Pilot - DCKV       45         45       Nagara-on-the-Lake Hydro Inc Direct Install - RTyd	100%	76%	78%     100%       100%     100%       101     100%       102     100%       103     100%       104     100%       105     100%       105     100%       106     100%       107     100%       108     100%       109     100%       1010     100%       1010     100%	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy High Performance New Construction Program         33       Save on Energy Monager Program         33       Save on Energy Monager Program         34       Basieness Province-Wide Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         36       Social Regional Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program         39       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Q         39       Enertoruce Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Q         39       Enertoruce Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Q         39       Enertoruce Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Q         39       Enertoruce Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Q         39       Envin Utilities Corporation - Social Benchmarking Pilot         40       Horizon Utilities Corporation - Social Benchmar	100%	76%	78%     100%       100%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100% <tr< td=""><td>76%        </td></tr<>	76%
27       Save on Energy Retrofit Program         28       Save on Energy High Performance New Construction Program         29       Save on Energy High Performance New Construction Program         30       Save on Energy High Performance New Construction Program         31       Save on Energy High Performance New Construction Program         32       Save on Energy Monager Program         33       Save on Energy Energy Manager Program         34       Business Province-Wide Program         35       Save on Energy Energy Manager Program         36       Business Province-Wide Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         38       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         39       EnWin Utilities Ld Building Optimization Pilot         40       Horizon Utilities Corporation - Social Benchmarking Pilot         41       Horizon Utilities Corporation - Social Benchmarking Pilot         42       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         43       Hydro Ottawa Limited - Conservation Voltage Regulation	100%	76%	78%     100%       100%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100% <tr< td=""><td>76%        </td></tr<>	76%
27       Save on Energy Ketrofit Program         28       Save on Energy Kiph Performance New Construction Program         30       Save on Energy Kiph Performance New Construction Program         31       Save on Energy Kiph Performance New Construction Program         32       Save on Energy Mining Pulling Commissioning Program         33       Save on Energy Monitoring & Targeting Program         33       Save on Energy Monitoring & Targeting Program         34       Business Province-Wide Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program         71       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program         73       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         74       Buriness Corporation - Social Benchmarking Pilot         75       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         76       Barwin Utilities Ltd Building Optimization Pilot         71       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         74       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil         75       Enerso	100%	76%	78%     100%       100%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100% <tr< td=""><td>76%        </td></tr<>	76%
27       Save on Energy Retrofit Program         28       Save on Energy Kiph Horizonse New Construction Program         29       Save on Energy Kiph Performance New Construction Program         30       Save on Energy Kiph Performance New Construction Program         31       Save on Energy Kiph Performance New Construction Program         32       Save on Energy Monager Program         33       Save on Energy Monager Program         34       Business Province-Wide Program         35       Business Refrigeration Local Program         36       Business Refrigeration Local Program         36       Sacial Benchmarking Local Program         37       Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program         38       First Nation Conservation - Cold Program         39       EnWin Utilities Lt Building Optimization 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 Pilot         43       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         44       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         45       Nia	100%	76%	78%     100%       100%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100%       101%     100% <tr< td=""><td>76%        </td></tr<>	76%



	PowerStream Inc. Progress # Programs	Gross Incre			rgy Savings	< so	Gross Increm		emand Sa	avings	< s6
		2015	 		otal		2015 2016		 020	otal	nd Savin
	2011-2014+2015 Extension Legacy Framework Programs	a		, a	F	ar Ener	a a	ň	, a	F	k Dema Saving
	1 Coupon Initiative					t Ye					Peal
	3 Appliance Retirement Initiative	329,115			329,115	First	49			49	ar
						tal			 		l ¥
		7,199,252				Jen	2,756			2,756	First
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Set board 1 boa						sso					Len
	10 Existing Building Commissioning Incentive Initiative	0			0	ອົ	0			0	I III
	Sub-total - Commercial & Institutional Program	75,128,032			75,128,032		9,739			9,739	oss
		0			0		0			0	5
	12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	0					0				
	Low Income Program										
	14 Low Income Initiative										
		147,287			147,287		12			12	
		901.493			901.493		131			131	
	16 Social Benchmarking Pliot	0			0		0			0	
	18 Conservation Fund Pilot - EnerNOC	130,073			130,073		0			0	
Important description         0	Sub-total - Pilot Program	1,031,566			1,031,566		131			131	
Dispansioned status         23.121         23.121         23.121         30.1         30.1           Calculations to 2015 Locarities of Merid Hundi         23.201         23.121         23.121         30.1         30.1           Calculations to 2015 Constrained Engrey Framework         23.201         23.121         23.121         30.1         30.1           Calculations to 2015 Constrained Engrey Framework         55.492.338         30.5         30.1         30.0         10.005           Calculations to 2015 Constrained Engrey Framework         65.492.338         40.12.201         20.1         20.1         20.0         10.005           Calculations to 2015 Constrained Engrey Framework         6.401.431         40.01.201         20.1         20.0         0		0			0		0				
Salu-tail-2011-2014-2015 Extension Leaser Framework         Data (1)         Data (2)         Data (2) <thdata (2)<="" th="">         Data (2)         Data</thdata>	20 Program Enabled Savings				261,378		30			30	
Sub-tolai - 2011-2014-2015 Extension Lessev Framework         55.492.338         55.492.338         13.000           2015-2020 Conservation First Framework Program         4.31.04         4.31.04         13.000           2015-2020 Conservation First Framework Program         4.31.04         4.31.04         4.31.04           2015-2020 Conservation First Framework         4.31.04         4.31.04         4.31.04           2015-2020 Conservation First Framework         5.492.318         4.31.04         4.31.04           2015-2020 Conservation First Framework         5.492.318         5.492.318         5.492.318           2015-2020 Conservation First Framework         5.492.318         5.492.318         5.492.318           2015-2020 Conservation First Framework         5.492.318         5.492.318         5.492.318           2015-2020 Conservation First Framework         5.492.317         5.492.318         5.492.318           2015-2020 Conservation First Framework         6.40.10.10.10.10.10.10.10.10.10.10.10.10.10					0 261.378						
Texter in the Worker - Water Register		85,492,338			85,492,338		13,006			13,006	
2) See on Energy Lespon Program       400.431       400.431.43       400.430.441         2) See on Energy Hearts and South Program       0       <	2015-2020 Conservation First Framework Programs Residential Province-Wide Program										
21 See on from; we construction Program       0       0       0         23 See on from; we construct Program       0       0       0         24 See on from; we construct Program       0       0       0         25 See on from; wath Finds Program       0       0       0       0         26 See on from; wath Finds Program       0       0       0       0       0         26 See on from; wath Finds Program       0       0       0       0       0       0         26 See on from; bigs Profess Assignment Program       0 <td< td=""><td>22 Save on Energy Coupon Program</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	22 Save on Energy Coupon Program										
Sub-task Revisionial Processes         0 <th0< th="">         0</th0<>											
Butters Province-Wide Program           Distance in Tenny Juill Funding Ingram           Distance Interny Juill Funding Ingram           Distance Intery Juill					v						
0         0		0/011/022			0,011,022		2,770			2,770	
18         See on Energy Smill Balansis Lipting Program         0 </td <td></td> <td></td> <td></td> <td></td> <td>ů</td> <td></td> <td></td> <td></td> <td></td> <td>Ű</td> <td></td>					ů					Ű	
2         See on Encry tipp Performance New Construction Pageam         0					5,747,817				 		
1) Sure on Energy Process & Systems Upgrades Program       0	29 Save on Energy High Performance New Construction Program	0					0			0	
3) Sue on Energi Energy Manage Program       0					-						
Sub-total - Business Province-Wide Program         5,747,817         5,747,817         782         782           Local & Regional Program					0						
44       Buistess Refrigeration tocal Program       n/a       0         35       Sins Nation Conservation Local Program       0 <td< td=""><td></td><td></td><td></td><td></td><td>5,747,817</td><td></td><td></td><td></td><td></td><td>-</td><td></td></td<>					5,747,817					-	
135       First Nation Conservation Load Program         136       Social Benchmarking Load Program         136       Social Section 2 Program         137       First Nation Conservation Program         136       Social Section 2 Program         137       First Nation Conservation Program         137       First Nation Conservation Program         138       First Nation Conservation Program         139       First Nation Conservation Program         140       On         141       On         15       First Nation Conservation Program         15       First Nation Conservation Program         16       On         16       Nation Program Program         16       Nation Program Program         16       Nation Program Program         16       Nation Program         16 <td>Local &amp; Regional Program</td> <td></td>	Local & Regional Program										
165       Sould Benchmarking Local Program       n/a       0									 		
Pilot Pogram           32         Enrosurce Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0 33         n/a         0         n/a         0           33         Enrosurce Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0 33         n/a         0         n/a         0           34         Enrosurce Hydro Mississauga Inc Performance-Based Conservation Pilot Program 40         n/a         0         n/a         0           34         Enrosurce Hydro Mississauga Inc Performance-Based Conservation Vilage Regulation (CVR) Leveraging AMI Data Pilot 14         n/a         0         n/a         0           36         Hydro Ottawa Limited - Residentia Demand Responde Wi-Fi Thermostat Pilot 14         1         0         0         1         0         1         1         1         0         1         1         0         1         1         0         1         1         1         0         1         1         1         0         1         1         1         0         1         1         1         1         1         0         1         1         1         1         0         1         1         1         1         1         1         1         1         1         1         1         1	36 Social Benchmarking Local Program	n/a			0		n/a			0	
127 Enressuree Hydro Mississaua Inc Performance-Based Conservation Pilot Program - 0       n/a       0         38 Enryth Utilities Ltd Building Optimization Pilot       n/a       0         39 Enryth Utilities Caparation - Social Benchmarking Pilot       n/a       0         11 Horizon Utilities Caparation - Social Benchmarking Pilot       n/a       0         12 Hydro Ottawa United - Rostenation Densat Response Wi-F Intermostal Pilot       n/a       0         13 Hydro Ottawa United - Conservation Voltage Regulation (VR) Leveraging AMI Data PI       n/a       0         14 Horizon Utilities Caparation - COX       1       0       n/a       0         14 Horizon Utilities Caparation - COX       1       0       0       n/a       0         14 Horizon Utilities Caparation - COX       1       0       0       0       0       0         14 Horizon Utilities Caparation - Direct Install - Hydronic       1       0		0			0		0			0	
B3       EVMU Utilities L1d Evidency Plot       n/a       0         93       EVMU Utilities L1d Evidency Plot       n/a       0         14       Horton Utilities Corporation - 5CM Emace Motor Plot       n/a       0         14       Horton Utilities Corporation - 5CM Emace Motor Plot       n/a       0         14       Horton Utilities Corporation - 5CM Emace Motor Plot       n/a       0         14       Horton Utilities Corporation - 5CM Emace Motor Plot       n/a       0         14       Horton Utilities Corporation - Scala Benchmarking Plot       n/a       0         14       Kitchener-Viel       Newsers for the Apric       0         n/a       0       n/a       0       0         n/a       0       0       0       0         n/a       0       0       0       0       0         n/a       0       0       0       0       0       0         n/a       0       0       0       0       0       0       0         n/a       0       0       0       0       0       0       0       0         n/a       0       n/a       0       0       0       0       0		n/a			0		n/a			0	
40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         11       Horizon Utilities Corporation - Social Benchmarking Pilot         42       Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         43       Hydro Ottawa Limited - Residenial Demand Response Wi-Fi Thermostal Pilot         44       Kitchener-Viene Limited - Residenial Demand Response Wi-Fi Thermostal Pilot         45       Nagara-on-the-Lake Hydro Inc Direct Install - Hydronic         61       Gakville Hydro Detectricity Distribution Inc Direct Install - Hydronic (Pilot Savings)         7/a       0         47       Daville Hydro Detectricity Distribution Inc Direct Install - Hydronic (Pilot Savings)         7/a       0         7/a       0         40       0         41       0         42       Hydro Detectricity Distribution Inc Direct Install - Hydronic (Pilot Savings)         7/a       0         7/a       0         43       0         44       0         47       0         48       0         40       0         41       0         42       10         43       10         44       0         44	38 EnWin Utilities Ltd Building Optimization Pilot	n/a			-		n/a				
12       Hydro Ottawa Limited - Conservation Voltage Regulation (VR) Leveraging AMI Data PI         13       Hydro Ottawa Limited - Residential Demand Response WI-FI Thermostal Pilot         14       Hydro Ottawa Limited - Residential Demand Response WI-FI Thermostal Pilot         14       Kitchener-Willmot Hydro inc Pilot - DCKV         14       Kitchener-Willmot Hydro Inc Direct Instal Entropy Efficiency Measures for the Agric         16       Oakville Hydro Electricity Distribution Inc Direct Instal - Hydronic (Pilot Savings)         17       Oakville Hydro Electricity Distribution Inc Direct Instal - Hydronic (Pilot Savings)         16       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         17       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         16       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         17       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         16       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         17       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         16       Oa       Oa         17       Oakville Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)         16       Na       Oa       Oa         17	40 Horizon Utilities Corporation - ECM Furnace Motor Pilot				0		n/a			0	
43       Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot       n/a       0         44       Kitchener-Wilmot Hydro Inc Direct Install Energy Efficiency Measures for the Agric       n/a       0       0         45       Nagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric       n/a       0       0       n/a       0         46       Dakville Hydro Electricity Distribution Inc Direct Install - Hydronic       n/a       0       0       n/a       0         47       Dakville Hydro Electricity Distribution Inc Direct Install - Hydronic       n/a       0       n/a       0         48       Toronto Hydro-Electric System Limited - Ottert Install - Hydronic (Pilot Savings)       n/a       0       0       n/a       0         50       Toronto Hydro-Electric System Limited - Otter Install - Hydronic (Pilot Savings)       n/a       0       0       0       n/a       0         50       Toronto Hydro-Electric System Limited - Otter Install - Hydronic Pilot Savings)       n/a       0       0       0       n/a       0       0       0       0       0<											
45       Nagara-on-the-Lake Hydro Inc, - Direct Install - Energy Efficiency Measures for the Agric       n/a       0         46       Dakville Hydro Electricity Distribution Inc, - Direct Install - RTU Controls       n/a       0         10       Dakville Hydro Electricity Distribution Inc, - Direct Install - RTU Controls       n/a       0         14       Dakville Hydro Electricity Distribution Inc, - Direct Install - RTU Controls       n/a       0         14       Dronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)       n/a       0         14       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)       n/a       0         15       Toronto Hydro-Electric System Limited - OFF - Large (Pilot Savings)       n/a       0       0         14       Distribution Inc, - Oirect Install - RTU Controls (Pilot Savings)       n/a       0       0         14       Dakute Hydro-Electric System Limited - Oirect Install - RTU Controls (Pilot Savings)       n/a       0       0       0         14       Dakute Hydro-Electric System Limited - PFP - Large (Pilot Savings)       0       0       0       0       0         15       Adjustments to 2015 CFF Verified Results       0       n/a       0       0       0       0       0         16       Adjustme	43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	n/a			0		n/a			0	
47       Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls       n/a       0         48       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)       n/a       0         91       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)       n/a       0         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)       n/a       0         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)       n/a       0         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)       n/a       0         50       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)       n/a       0       0         51       Adjustments to 2015 CFF Verified Results       n/a       0       0       0         52       Adjustments to 2017 CFF Verified Results       n/a       0       0       0         53       Adjustments to 2019 CFF Verified Results       n/a       0       0       0         53       Adjustments to 2019 CFF Verified Results       0       0       0       0         54       Adjustments to 2019 CFF Verified Results       0       0       0       0	45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric				0					0	
48       Toronto Hydro-Electric System Limited - Direct Instal - Hydronic (Pilot Savings)       n/a       0											
50       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)       n/a       0	48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	n/a			0		n/a			0	
Other         n/a         0         0           51 Adjustments to 2015 CFF Verified Results         n/a         0         n/a         0           52 Adjustments to 2016 CFF Verified Results         n/a         0         0         n/a         0           53 Adjustments to 2016 CFF Verified Results         n/a         0         0         0         0         0         0           54 Adjustments to 2017 CFF Verified Results         n/a         0	50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	n/a			0		n/a			0	
S1       Adjustments to 2015 CFF Verified Results       n/a       0         S2       Adjustments to 2016 CFF Verified Results       n/a       0         S3       Adjustments to 2017 CFF Verified Results       0       n/a       0         S4       Adjustments to 2017 CFF Verified Results       0       n/a       0         S4       Adjustments to 2017 CFF Verified Results       0       n/a       0         S4       Adjustments to 2017 CFF Verified Results       0       n/a       0         S4       Adjustments to 2017 CFF Verified Results       0       0       0       0         Sub-total - Other       0       0       0       0       0       0       0         Sub-total - 2015-2020 Conservation First Framework       14,592,139       14,592,139       3,580       3,580	Sub-total - Pilot Program	0			0		0			0	
52 Adjustments to 2016 CFF Verified Results       n/a       0       n/a       0         53 Adjustments to 2017 CFF Verified Results       n/a       0       0       n/a       0         54 Adjustments to 2018 CFF Verified Results       n/a       0       0       0       0       0         54 Adjustments to 2019 CFF Verified Results       n/a       0		5/0		_			D/2				
54 Adjustments to 2018 CFF Verified Results       n/a       0 <td< td=""><td>52 Adjustments to 2016 CFF Verified Results</td><td>n/a</td><td></td><td></td><td>0</td><td></td><td>n/a</td><td></td><td></td><td>0</td><td></td></td<>	52 Adjustments to 2016 CFF Verified Results	n/a			0		n/a			0	
55 Adjustments to 2019 CFF Verified Results       n/a       0 <td< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>					-						
Sub-total - 2015-2020 Conservation First Framework         14,592,139         14,592,139         3,580         3,580	55 Adjustments to 2019 CFF Verified Results	n/a			0		n/a			0	
		•I			, v						
Total 100,084,477 100,084,477 16,586 16,586	Sub-total - 2015-2020 Conservation First Framework	14,592,139			14,592,139		3,580			3,580	
	Total	100,084,477			100,084,477		16,586			16,586	



PowerStream Inc. Progress					Par	ticipant Incent	tive Spending					
# Programs				CDM Plan Forecast	(\$)				Actual Verified (\$)	)	Progress vs. CDM Plan (%)	
	2015	2016	2017	2018	2019	202.0	Total	2015	2016 2017 2019 2020 2020	Total		Total
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												
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 Pliot 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											╟──┼┼┼┼┼┠	_
												_
ub-total - 2011-2014+2015 Extension Legacy Framework												_
015-2020 Conservation First Framework Programs												
Residential Province-Wide Program 22 Save on Energy Coupon Program	416,610	833,220	755,012	755,012	453,007	302,005	3,514,865	815,985		815,985	5 196% 2	23%
23 Save on Energy Heating and Cooling Program 24 Save on Energy New Construction Program	1,488,954		355,104 0	355,104	355,104 0	355,104	6,010,835	1,761,500		1,761,500	2 118% 2	29%
25 Save on Energy Home Assistance Program	0	43,877	28,919	28,919	27,922	27,922	157,558	0		(		0%
Sub-total - Residential Province-Wide Program	1,905,564	3,978,561	1,139,034	1,139,034	836,033	685,030	9,683,257	2,577,485		2,577,485	5 135% 2	27%
Business Province-Wide Program 26 Save on Energy Audit Funding Program	4,733	102,993	102,993	102,993	102,993	102,993	519,699	0			0%	0%
27 Save on Energy Retrofit Program	1,607,455	8,799,709	9,701,047	10,999,413	10,129,204	10,454,555	51,691,382	622,329		622,329	39%	1%
28 Save on Energy Small Business Lighting Program 29 Save on Energy High Performance New Construction Program	0	=10 1=	2,847,712 56,154	0 56,154	0	0 56,154	5,695,424 798,658	0	╶┼┼┼┟┣━	(		0%
30 Save on Energy Existing Building Commissioning Program	0	0	0	0	0	0	0	0		(		
31 Save on Energy Process & Systems Upgrades Program           32 Save on Energy Monitoring & Targeting Program	0	-	0	0		0	0	0		( (		-
33 Save on Energy Energy Manager Program Sub-total - Business Province-Wide Program	0	320,000 12,126,568	320,000 13,027,906	320,000 11,478,560	320,000 11,126,238	320,000 10,933,702	1,600,000 60,305,162	622 329		622,329		0% 1%
	1,012,188	12,120,308	13,027,700	11,470,000	11,120,238	10,733,102	00,305,102	022,329		022,325		17
Local & Regional Program  34 Business Refrigeration Local Program	0	602,860	1,394,990	0	0	0	1,997,850	n/a		(	n/a	0%
35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	0	0	0	0	0	0	0	n/a n/a		(	n/a	
Sub-total - Local & Regional Program	0	602,860	1,394,990	0	0	0	1,997,850			(		0%
Pilot Program												
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C								n/a		(		
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Ltd Re-Invest Pilot								n/a n/a		(		-
40 Horizon Utilities Corporation - ECM Furnace Motor Pilot 41 Horizon Utilities Corporation - Social Benchmarking Pilot								n/a n/a		(		
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil								n/a		(		
Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot     Kitchener-Wilmot Hydro Inc Pilot - DCKV								n/a n/a		(		-
45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a		(		
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     A7 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a n/a		(		
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)     49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a		(		
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)								n/a n/a		0		
Sub-total - Pilot Program								n/a		(		
Other					1			- /-				_
51       Adjustments to 2015 CFF Verified Results         52       Adjustments to 2016 CFF Verified Results								n/a n/a		(		
53 Adjustments to 2017 CFF Verified Results 54 Adjustments to 2018 CFF Verified Results								n/a n/a		(		
55 Adjustments to 2019 CFF Verified Results								n/a		(		
Sub-total - Other								n/a		(		_
ub-total - 2015-2020 Conservation First Framework	3,517,752	16,707,990	15,561,930	12,617,594	11,962,271	11,618,732	71,986,270	3,199,813		3,199,813	8 91%	4%
	3,517,752	16,707,990	15,561,930	12,617,594	11,962,271	11,618,732	71,986,270	3,199,813		3,199,813	91%	4%
otal												



PowerStream Inc. Progress					Admi	nistrative Exp	ense Spending		
# Programs			с	DM Plan Forecast (	(\$)			Actual Verified (\$)	Progress vs. CDM Plan
	2015	2016	2017	2018	2019	202.0	Total	2015 2016 2019 2019 2019 2019 2019 7 ot al	Progress vs. CDM Plan (%) <u>us</u> <u>9 1 168 6 02 re</u> 10 102 02 12 0 10 102 02 12 0 10 102 02 12 0 10 102 02 12 0 10 10 10 10 10 10 10 10 10 10 10 10 10
2011-2014+2015 Extension Legacy Framework Programs Residential Program							-		1 20 20 20 20
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									┫──┼┼┼┼┣━━┫
B Direct Install Lighting and Water Heating Initiative     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				1					
Sub-total - Low-Income Program									
Pilot Program									
15         Loblaws Pilot           16         Social Benchmarking Pliot									
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		I							
Residential Province-Wide Program 22 Save on Energy Coupon Program	145,814	837,329	2,592,784	2,592,784	1,555,671	1,037,114	8,761,495	371,461 371,4	61 255% 4%
23 Save on Energy Heating and Cooling Program	157,908	377,804	556,935	545,692	534,449	523,202	2,695,989	184,031 184,03	
24 Save on Energy New Construction Program 25 Save on Energy Home Assistance Program	0 11,069	0 28,989	0 19,378	0	0 19,791	0 19,994	0 118,918	0 40,354 40,35	0 54 365% 34%
Sub-total - Residential Province-Wide Program	314,790	1,244,122	3,169,098	3,158,172	2,109,910	1,580,309	11,576,402	595,846 595,84	46 189% 5%
Business Province-Wide Program 26 Save on Energy Audit Funding Program	28,965	111,461	95,812	104,733	104,441	110,343	555,755	21,703 21,70	03 75% 4%
27 Save on Energy Retrofit Program 28 Save on Energy Small Business Lighting Program	1,581,584	3,817,693 2,988,673	3,624,690 2,880,025	4,014,422	4,009,743	4,355,923	21,404,054 5,868,698	1,097,356 1,097,3 0	56 69% 5% 0 0%
29 Save on Energy High Performance New Construction Program	28,233	76,583	74,545	76,577	422,395	79,740	758,075	20,060 20,00	
30 Save on Energy Existing Building Commissioning Program           31 Save on Energy Process & Systems Upgrades Program	0	0	0	0	0	0	0	0	0
32 Save on Energy Monitoring & Targeting Program 33 Save on Energy Energy Manager Program	0 110.657	0 54.221	0 45.588	0 50.405	0 50.022	0 53.209	0 364,103	0 84,351 84,35	0 51 76% 23%
Sub-total - Business Province-Wide Program	1,749,439	7,048,632	6,720,660	4,246,137	4,586,602	4,599,215	28,950,685	1,223,470	
Local & Regional Program 34 Business Refrigeration Local Program	161,519	209,741	596,465	0	0	0	967,726	n/a	0 n/a 0%
35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	0	0	0	0	0	0	0	n/a n/a	0 n/a 0 n/a
Sub-total - Local & Regional Program	161,519	209,741	596,465	0	0	0	967,726	n/a	0 0%
Pilot Program									
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C 38 EnWin Utilities Ltd Building Optimization Pilot								n/a n/a	
39         EnWin Utilities Ltd Re-Invest Pilot           40         Horizon Utilities Corporation - ECM Furnace Motor Pilot								n/a n/a	0
Horizon Utilities Corporation - Social Benchmarking Pilot     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil								n/a n/a	0
43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot								n/a	0
Kitchener-Wilmot Hydro Inc Pilot - DCKV     Sigara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a n/a	0
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic 47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a	
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)								n/a n/a	
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) 50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)								n/a n/a	0
Sub-total - Pilot Program								n/a	
Other 51 Adjustments to 2015 CFF Verified Results								n/a	0
52 Adjustments to 2016 CFF Verified Results 53 Adjustments to 2017 CFF Verified Results								n/a	0
54 Adjustments to 2019 CFF Verified Results 55 Adjustments to 2019 CFF Verified Results								n/a	
55 Adjustments to 2019 CFF Verified Results Sub-total - Other								n/a n/a	0
Sub-total - 2015-2020 Conservation First Framework	2,225,749	8,502,495	10,486,223	7,404,309	6,696,512	6,179,525	41,494,813	1,819,316 1,819,31	6 82% 4%
Total	2,225,749	8,502,495	10,486,223	7,404,309	6,696,512	6,179,525	41,494,813	1,819,316 0 0 0 0 0 1,819,31	6 82% 4%
	-				10.00	1			



verStream Inc. Progress							Total Spendir	ıg					
Programs			CE	DM Plan Forecast (\$	\$)			Actual	Verified (\$)	I	Progress vs. CDM Plan	Progress	is vs.
	œ	۰ ۵	~	ω	•	•	-	o م و ا		-	(%)	Allocated Budget Allocat (\$) Budget	ted et
	201	2016	2017	201	2019	2020	Total	2015 2016 2017	201 202	Total	2015 2016 2017 2019 2019 2019 2020 Total	(%)	
-2014+2015 Extension Legacy Framework Programs													F
dential Program Coupon Initiative													
Bi-Annual Retailer Event Initiative Appliance Retirement Initiative												-	
HVAC Incentives Initiative													
Residential New Construction and Major Renovation Initiative -total - Residential Program												-	
nmercial & Institutional Program		-											
Energy Audit Initiative													
fficiency: Equipment Replacement Incentive Initiative birect Install Lighting and Water Heating Initiative												-	
New Construction and Major Renovation Initiative													
xisting Building Commissioning Incentive Initiative total - Commercial & Institutional Program												-	
ustrial Program													
Process and Systems Upgrades Initiatives - Project Incentive Initiative													
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative												-	
total - Industrial Program													
Income Program													
ow Income Initiative -total - Low-Income Program													
t Program Loblaws Pilot													
Social Benchmarking Pliot													
Conservation Fund Pilot - SEG Conservation Fund Pilot - EnerNOC												-	
-total - Pilot Program													
er													
Aboriginal Conservation Program Program Enabled Savings												-	
Adjustments to 2015 Legacy Framework Verified Results													
-total - Other													
Save on Energy Coupon Program Save on Energy Heating and Cooling Program Save on Energy New Construction Program Save on Energy Home Assistance Program -total - Residential Province-Wide Program	562,424 1,646,862 0 11,069 2,220,355	1,670,549 3,479,268 0 72,866 <b>5,222,683</b>	3,347,796 912,039 0 48,297 4,308,133	3,347,796 900,796 0 48,615 4,297,206	2,008,677 889,553 0 47,713 2,945,943	1,339,118 878,306 0 47,916 2,265,340	12,276,360 8,706,824 0 276,475 21,259,659	1,187,445 1,945,531 0 40,354 <b>3,173,331</b>		1,187,445 1,945,531 0 40,354 3,173,331	211%         109           118%         229           365%         159           143%         159	6	
ness Province-Wide Program													
Save on Energy Audit Funding Program Save on Energy Retrofit Program	33,698 3,189,039	214,454 12,617,402	198,805 13,325,737	207,726 15,013,834	207,434 14,138,946	213,336 14,810,478	1,075,454 73,095,436	21,703		21,703 1,719,685	64% 29 54% 29		
Save on Energy Small Business Lighting Program	0,107,007	5,836,385	5,727,737	0	0	0	11,564,122						
								0		0	09	6	
Save on Energy High Performance New Construction Program	28,233	132,737	130,699	132,731	996,437	135,894	1,556,732	20,060		0 20,060 0	71% 09	6	
Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program	0	132,737 0 0	0	0	0	135,894 0 0	1,556,732 0 0	20,060 0 0		0 20,060 0 0	09	6	
Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program	0	132,737 0 0	130,699 0 0 0 365,588	0	0	135,894 0 0 0 373,209	0 0 0	20,060		0 0 0	71% 09		
Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program Save on Energy Energy Manager Program	0 0 0	132,737 0 0 0	0 0 0	0 0 0	0 0 0	0	1,556,732 0 0 1,964,103 89,255,848	20,060 0 0		0 0 0 84,351	71% 09	6 6	
Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program Save on Energy Energy Manager Program -total - Business Province-Wide Program al & Regional Program	0 0 110,657 <b>3,361,627</b>	132,737 0 0 374,221 19,175,200	0 0 365,588 <b>19,748,566</b>	0 0 370,405	0 0 370,022	0 0 0 373,209	0 0 1,964,103 89,255,848	20,060 0 0 84,351 1,845,799		0 0 0 84,351	09           71%           19           76%           49           55%           22	6 6 6 6	
ave on Energy High Performance New Construction Program Jave on Energy Existing Building Commissioning Program Jave on Energy Process & Systems Upgrades Program Jave on Energy Monitoring & Targeting Program Jave on Energy Energy Manager Program Interference Pro	0 0 110,657 3,361,627	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0	0 0 0 365,588	0 0 370,405 15,724,697	0 0 370,022 15,712,840	0 0 0 373,209	0 0 1,964,103	20,060 0 0 84,351 1,845,799 1/2 n/a n/a		0 0 0 84,351	09           71%         13           76%         43           55%         29           n/a         09	6 6 6 6	
ave on Energy High Performance New Construction Program ave on Energy Process & Systems Upgrades Program ave on Energy Process & Systems Upgrades Program ave on Energy Monitoring & Targeting Program total - Business Province-Wide Program I & Regional Program I & Regional Program Usiness Refrigeration Local Program irst Nation Conservation Local Program colal Benchmarking Local Program	0 0 110,657 <b>3,361,627</b> 161,519	132,737 0 0 374,221 19,175,200	0 0 365,588 <b>19,748,566</b>	0 0 370,405 <b>15,724,697</b> 0	0 0 370,022 15,712,840	0 0 0 373,209	0 0 1,964,103 89,255,848	20,060 0 0 84,351 1,845,799 n/a		0 0 0 84,351	09           71%         19           76%         49           55%         29           n/a         09		
ave on Energy High Performance New Construction Program ave on Energy Existing Building Commissioning Program ave on Energy Process & Systems Upgrades Program ave on Energy Monitoring & Targeting Program total - Business Province-Wide Program 1 & Regional Program usiness Refrigeration Local Program irst Nation Conservation Local Program total - Local & Regional Program	0 0 110,657 <b>3,361,627</b> 161,519 0 0	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0 0	0 0 365,588 <b>19,748,566</b> 1,991,455 0 0	0 0 370,405 <b>15,724,697</b> 0 0	0 0 370,022 15,712,840 0 0	0 0 0 373,209	0 0 0 1,964,103 89,255,848 2,965,576 0 0	20,060 0 0 84,351 1,845,799 1/a n/a n/a n/a		0 0 84,351 1,845,799 0 0	71%         99           71%         19           76%         49           55%         29           n/a         09           n/a         09           n/a         09		
ave on Energy High Performance New Construction Program ave on Energy Existing Building Commissioning Program ave on Energy Process & Systems Upgrades Program ave on Energy Manager Program total - Business Province-Wide Program I & Regional Program I & Regional Program I st Nation Conservation Local Program I st Nation Conservation Local Program I total - Local & Regional Program I total - Local & Regional Program Prog	0 0 110,657 <b>3,361,627</b> 161,519 0 0	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0 0	0 0 365,588 <b>19,748,566</b> 1,991,455 0 0	0 0 370,405 <b>15,724,697</b> 0 0	0 0 370,022 15,712,840 0 0	0 0 0 373,209	0 0 0 1,964,103 89,255,848 2,965,576 0 0	20,060 0 0 84,351 1,845,799 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 84,351 1,845,799 0 0	09           71%         19           76%         49           76%         49           55%         29           n/a         09           n/a         09           n/a         09           1         09           n/a         09		
ive on Energy High Performance New Construction Program ive on Energy Existing Building Commissioning Program ive on Energy Process & Systems Upgrades Program ive on Energy Manager Program ive on Energy Manager Program ive ar I benergy Manager Program ive are strained in the strained of the strained	0 0 110,657 <b>3,361,627</b> 161,519 0 0	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0 0	0 0 365,588 <b>19,748,566</b> 1,991,455 0 0	0 0 370,405 <b>15,724,697</b> 0 0	0 0 370,022 15,712,840 0 0	0 0 0 373,209	0 0 0 1,964,103 89,255,848 2,965,576 0 0	20,060 0 0 84,351 1,845,799  n/a n/a n/a n/a n/a n/a n/a n/a n/a n/		0 0 84,351 1,845,799 0 0	09           71%         19           76%         49           55%         29           n/a         09           n/a         09           n/a         09           n/a         09		
ve on Energy High Performance New Construction Program ve on Energy Existing Building Commissioning Program ve on Energy Process & Systems Upgrades Program ve on Energy Manager Program odal - Business Province-Wide Program <b>&amp; Regional Program</b> siness Refrigeration Local Program siness Refrigeration Local Program <b>dial endomagnetic structure construction and and and and and and and and and an</b>	0 0 110,657 <b>3,361,627</b> 161,519 0 0	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0 0	0 0 365,588 <b>19,748,566</b> 1,991,455 0 0	0 0 370,405 <b>15,724,697</b> 0 0	0 0 370,022 15,712,840 0 0	0 0 0 373,209	0 0 0 1,964,103 89,255,848 2,965,576 0 0	20,060 0 0 84,351 1,845,799 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 84,351 1,845,799 0 0	09           71%         13           76%         43           55%         43           55%         29           n/a         03           n/a         03           n/a         03           n/a         03		
ve on Energy High Performance New Construction Program ve on Energy Existing Building Commissioning Program ve on Energy Monitoring & Targeting Program <b>k Regional Program siness Refrigeration Local Program siness Refrigeration Local Program st Nation Conservation Program st Nation Visitives Ltd - Building Optimization Pilot st Nation Visitives Corporation - Social Benchmarking Pilot st Program st Nation Visitives Corporation - Social Benchmarking Pilot st Nati</b>	0 0 110,657 <b>3,361,627</b> 161,519 0 0	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0 0	0 0 365,588 <b>19,748,566</b> 1,991,455 0 0	0 0 370,405 <b>15,724,697</b> 0 0	0 0 370,022 15,712,840 0 0	0 0 0 373,209	0 0 0 1,964,103 89,255,848 2,965,576 0 0	20,060 0 0 0 84,351 1,845,799 1 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 84,351 1,845,799 0 0	19           71%           19           76%           49           76%           49           76%           49           76%           49           76%           49           76%           49           76%           49           76%           49           76%           49           76%           49           70           10		
ve on Energy High Performance New Construction Program ve on Energy Existing Building Commissioning Program ve on Energy Process & Systems Upgrades Program ve on Energy Process & Systems Upgrades Program te on Energy Manager Program tal - Business Province-Wide Program <b>&amp; Regional Program</b> siness Refrigeration Local Program ts Nation Conservation Local Program tal - Austral - Conservation Program tal - Conservation Local Program tal - Conservation Local Program tal - Conservation Local Program tal - Local & Regional Program tal - Conservation Pilot from Utilities Ltd Re-Invest Pilot frizon Utilities Corporation - Social Benchmarking Pilot dro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil dro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	0 0 110,657 <b>3,361,627</b> 161,519 0 0	132,737 0 0 374,221 <b>19,175,200</b> 812,601 0 0	0 0 365,588 <b>19,748,566</b> 1,991,455 0 0	0 0 370,405 <b>15,724,697</b> 0 0	0 0 370,022 15,712,840 0 0	0 0 0 373,209	0 0 0 1,964,103 89,255,848 2,965,576 0 0	20,060 0 0 84,351 1,845,799 1 1 1,845,799 1 1 1 1,845,799 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 0 84,351 1,845,799 0 0	09           71%         13           76%         43           55%         43           55%         29           n/a         09           n/a         09           n/a         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09           1         09		
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PowerStream Inc. Progress # Programs 2011 2014 2015 Extension Leaves Forework December 2019	Total Resource Cost - Cost Effectiveness Test - Actual Verified           Benefits (\$)         Net Benefit (\$)         Net Benefit (\$)           Benefits (\$)         Net Benefit (\$)         Net Benefit (\$)         Net Benefit (\$)           Sold 1         Sold 1 <th colspan="2" sold<="" th=""><th>Program Administrator Cost - Cost Effectiveness Test - Actual Verified       Benefits (\$)     Costs (\$)     Net Benefit (\$)     Net Benefit Ratio       500     100     100     100     100       500     100     100     100     100     100       500     100     100     100     100     100       500     100     100     100     100     100</th><th>Levelized Unit Energy Cost - Cost Effectiveness Test - Actual Verified           Levelized Costs (\$)         Energy Savings (kWh)         LUEC (\$/kWh)           101         500         500         6</th></th>	<th>Program Administrator Cost - Cost Effectiveness Test - Actual Verified       Benefits (\$)     Costs (\$)     Net Benefit (\$)     Net Benefit Ratio       500     100     100     100     100       500     100     100     100     100     100       500     100     100     100     100     100       500     100     100     100     100     100</th> <th>Levelized Unit Energy Cost - Cost Effectiveness Test - Actual Verified           Levelized Costs (\$)         Energy Savings (kWh)         LUEC (\$/kWh)           101         500         500         6</th>		Program Administrator Cost - Cost Effectiveness Test - Actual Verified       Benefits (\$)     Costs (\$)     Net Benefit (\$)     Net Benefit Ratio       500     100     100     100     100       500     100     100     100     100     100       500     100     100     100     100     100       500     100     100     100     100     100	Levelized Unit Energy Cost - Cost Effectiveness Test - Actual Verified           Levelized Costs (\$)         Energy Savings (kWh)         LUEC (\$/kWh)           101         500         500         6
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			Cost Effectiveness		
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			O     I       I     I       I     I		
The Process and Systems Upgrades Initiatives - Project Incentive Initiative     To Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative     To Process and Systems Upgrades Initiatives - Energy Manager Initiative     Sub-total - Industrial Program     Low Income Program     Tal 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       Aborginal 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 Heating and Cooling Program         23 Save on Energy Heating and Cooling Program         24 Save on Energy Hew Construction Program         25 Save on Energy Home Assistance Program         Sub-total - Residential Province-Wide Program	n/a     0     n/a     0     n/a     0       0     0     0     0     0     0	n/a     0     n/a     0     n/a     0       0     0     0     0     0     0	n/a     0     n/a     0     n/a       n/a     0     n/a     0     n/a       n/a     0     n/a     0     n/a       n/a     0     n/a     0       n/a     0     n/a     0       n/a     0     n/a     0       0     0     0     0		
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 Fishers Ughting Program           30         Save on Energy Fishing Building Commissioning Program           31         Save on Energy Fishting Building Commissioning Program           32         Save on Energy Process & Systems Upgrades Program           33         Save on Energy Minothroing & Targeting Program           33         Save on Energy Manager Program           33         Save on Energy Manager Program           34         Save on Energy Manager Program	n/a     0     n/a     0     n/a     0     n/a       0     0     0     0     0     0     0	n/a     0     n/a     0     n/a     0	n/a         0         n/a         0         n/a         0           n/a         0         n/a         0         0         0		
Local & Regional Program 34  Business Refrigeration Local Program 35  First Nation Conservation Local Program 36  Social Benchmarking Local Program Sub-total - Local & Regional Program	n/a         0         <	n/a         0         n/a         0<	n/a         0         n/a         0         n/a         0           n/a         0         n/a         0         n/a         0           n/a         0         n/a         0         n/a         0           0         0         0         0         0         0		
Pilot Program         37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0         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 - Rosineration Voltage Regulation (CVR) Leveraging AMI Data Pilot         43 Hydro Ottawa Limited - Rosineration Pilot Boenson EWI-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 Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls         48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls         49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls         50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)         50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		
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         56       Adjustments to 2019 CFF Verified Results         Sub-total - Other       Sub-total - 2015-2020 Conservation First Framework         Total       Total	n/a       0       n/a       0 <td< td=""><td>n/a       0       n/a       0       0       0       0</td><td>n/a       0       n/a       0       n/a       0         n/a       0       0       0       0       0         0       0       0       0       0       0         0       0       0       0       0       0         0       0       0       0       0       0         0       0       0       0       0       0</td></td<>	n/a       0       0       0       0	n/a       0       n/a       0       n/a       0         n/a       0       0       0       0       0         0       0       0       0       0       0         0       0       0       0       0       0         0       0       0       0       0       0         0       0       0       0       0       0		



Province-Wide Progress							Pa	articipation				
# Programs	Unit of Measure			CDM Plan	n Forecast Repo	rted (#)			Actual Verified	(#)	Progress vs. CDM Plan (%)	
		2015	2016	2017	2018	2019	2020	Total	2015 2016 2017 2019 2019	Total		Total
2011-2014+2015 Extension Legacy Framework Programs												
Residential Program           1         Coupon Initiative	Measures	1,293,491						1,293,491	2,075,200	2,075,200	160% 16	60%
2 Bi-Annual Retailer Event Initiative	Measures	239,193						239,193	3,178,024	3,178,024	1329% 132	29%
3 Appliance Retirement Initiative 4 HVAC Incentives Initiative	Appliances	3,613 82,193						3,613 82,193	14,733	14,733 102,154		08% 24%
5 Residential New Construction and Major Renovation Initiative	Equipment Homes	0						0	4,012	4,012	12470	14 76
Sub-total - Residential Program												
Commercial & Institutional Program									05/	0.5.4	4/00/	
6 Energy Audit Initiative 7 Efficiency: Equipment Replacement Incentive Initiative	Audits Projects	219 12,750						219 12,750	356	356 12,547		63% 98%
8 Direct Install Lighting and Water Heating Initiative	Projects	16,852						16,852	18,643	18,643	111% 11	11%
New Construction and Major Renovation Initiative     Existing Building Commissioning Incentive Initiative	Buildings	20,636						20,636	168	168 11		1% 73%
Sub-total - Commercial & Institutional Program	Buildings	15						15		11	/3%	3%
										-		-1
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	Projects	89						89	12	12	13%	13%
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Audits	9						9	2	2		22%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative Sub-total - Industrial Program	Projects	132						132	424	424	321% 32	21%
Low Income Program	Homos	32,506				1		32,506	15,494	15,494	48%	48%
14 Low Income Initiative Sub-total - Low-Income Program	Homes	32,506						32,506	10,494	15,494	48%	10%
Pilot Program 15 Loblaws Pilot	Projects	0						0	18	18		
16 Social Benchmarking Pliot	Participants	0						0	150,258	150,258		
17 Conservation Fund Pilot - SEG	Projects	0						0	10	10 12		
18 Conservation Fund Pilot - EnerNOC Sub-total - Pilot Program	Projects	0						0	12	12		
								<b>,</b>				— I
Other 19 Aboriginal Conservation Program	Homes	0						0	1,586	1,586		
20 Program Enabled Savings	Projects	n/a						0	14	14		
21 Adjustments to 2015 Legacy Framework Verified Results		n/a						0	0	0		
Sub-total - Other		L I										-1
Sub-total - 2011-2014+2015 Extension Legacy Framework												
2015-2020 Conservation First Framework Programs												
Residential Province-Wide Program												
22 Save on Energy Coupon Program	Measures	149,482	1,533,885	2,045,606	1,986,558	1,690,883	1,544,515	8,950,929	1,207,534	1,207,534		13%
23 Save on Energy Heating and Cooling Program 24 Save on Energy New Construction Program	Equipment Homes	8,324 13,332	83,272 42,669	70,001 50,506	62,933 42,748	63,984 34,718	63,070 26,943	351,584 210,916	20,235	20,235		6% 0%
25 Save on Energy Home Assistance Program	Homes	7,484	36,746		34,367	33,292	30,995	179,456	1,032	1,032		1%
Sub-total - Residential Province-Wide Program												
Business Province-Wide Program												
26 Save on Energy Audit Funding Program	Audits	33	271		284	274	250	1,397	2	2		0%
27 Save on Energy Retrofit Program 28 Save on Energy Small Business Lighting Program	Projects Projects	1,451 114	15,657 20,368	17,628 22,696	14,107 15,979	12,928 13,110	10,518 12,941	72,289 85,208	811	811		1% 0%
29 Save on Energy High Performance New Construction Program	Buildings	3	210		212	211	204	1,053	0	0	0%	0%
30 Save on Energy Existing Building Commissioning Program	Buildings	0	17		18	18	18 697	89	0	0		0% 0%
31         Save on Energy Process & Systems Upgrades Program           32         Save on Energy Monitoring & Targeting Program	Projects Audits	23	755		758	720	1	3,716 20	0	0		0%
33 Save on Energy Energy Manager Program	Projects	6	139		148	147	145	730	0	0		0%
Sub-total - Business Province-Wide Program												
Local & Regional Program												
34         Business Refrigeration Local Program           35         First Nation Conservation Local Program	Projects	0	732		535 400	545 400	530 300	3,898 1,800	n/a n/a	0		0% 0%
36 Social Benchmarking Local Program	Projects Participants	0	1,089,456		2,435,636	400 2,536,005	2,535,617	1,800	n/a n/a	0		0%
Sub-total - Local & Regional Program												
Pilot Program												
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C	Projects								n/a	0		
38 EnWin Utilities Ltd Building Optimization Pilot 39 EnWin Utilities Ltd Re-Invest Pilot	Projects Projects								n/a n/a	0		
40 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Projects								n/a	0		
41 Horizon Utilities Corporation - Social Benchmarking Pilot	Participants								n/a	0		
<u>42</u> Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil <u>43</u> Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Projects Homes								n/a n/a	0		
44 Kitchener-Wilmot Hydro Inc Pilot - DCKV	Projects								n/a	0		
Aligara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric     Aligara-on-the-Lake Hydro Inc Direct Install - Hydronic     Aligara-on-the-Lake Hydro Inc Direct Install - Hydronic	Projects Projects								n/a n/a	0		
47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	Projects Projects								n/a n/a	0		
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Projects								n/a	0		
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) 50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Projects Projects								n/a n/a	0		
Sub-total - Pilot Program									iva	<u> </u>		
Other												
Other 51 Adjustments to 2015 CFF Verified Results									n/a	0		
52 Adjustments to 2016 CFF Verified Results									n/a	0		
53 Adjustments to 2017 CFF Verified Results 54 Adjustments to 2018 CFF Verified Results									n/a	0		
54 Adjustments to 2018 CFF Verified Results 55 Adjustments to 2019 CFF Verified Results									n/a n/a	0		
Sub-total - Other												
Sub-total - 2015-2020 Conservation First Framework												
Total												
												_



Programs			Pro	gress Toward	s Net 2020 An	nual Energy	Savings Target -	(Contribution b	oy Year)			
			CDM Plan For	recast Reported (k)	Wh)			Act	tual Verified (k	:Wh)	Allocated	Progres
	2015	2016	2017	2018	2019	2020	Total	2015	2016 2017 2018 2019 2020	Total	Target (kWh)	vs. Targe (%)
11-2014+2015 Extension Legacy Framework Programs												
coupon Initiative	21,035,720						21,035,720	49,828,856		49,828,856		
Bi-Annual Retailer Event Initiative	27,592,320						27,592,320	72,999,617		72,999,617		
Appliance Retirement Initiative	317,807						317,807	0		0		
HVAC Incentives Initiative Residential New Construction and Major Renovation Initiative	35,159,491						35,159,491	45,965,427 6,305,281		45,965,427 6,305,281		
ib-total - Residential Program	84,105,338						84,105,338	175,099,181		175,099,181		
	-											
mmercial & Institutional Program	2,824,611						2,824,611	0				
Efficiency: Equipment Replacement Incentive Initiative	421,370,270						421,370,270	648,322,776		648,322,776		
B Direct Install Lighting and Water Heating Initiative	61,191,201						61,191,201	32,305,094		32,305,094		
New Construction and Major Renovation Initiative	29,093,852						29,093,852	21,792,687		21,792,687		
Existing Building Commissioning Incentive Initiative Ib-total - Commercial & Institutional Program	1,674,286 516,154,220						1,674,286 516,154,220	0		0 702,420,557		
	510,154,220						510,154,220	702,420,337		102,420,531		
dustrial Program										,		
Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	331,578,763						331,578,763	122,704,030		122,704,030		
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative	356,288 17,210,325						356,288 17,210,325	25.183.067		25,183,067		
ib-total - Industrial Program	349,145,376						349,145,376	147,887,097		147,887,097		
w Income Program	8,889,660						8,889,660	11,746,825		11,746,825		
ib-total - Low-Income Program	8,889,660 8,889,660						8,889,660	11,746,825		11,746,825		
							, .,	,,		,,		
lot Program												
Loblaws Pilot Social Benchmarking Pliot	0						0	8,311,388 0		8,311,388		
Conservation Fund Pilot - SEG	0						0			0		
Conservation Fund Pilot - EnerNOC	0						0	0		0		
ıb-total - Pilot Program	0						0	8,311,388		8,311,388		
her												
Aboriginal Conservation Program	0						0	3,243,409		3,243,409		
Program Enabled Savings	n/a						0	7,275,075		7,275,075		
Adjustments to 2015 Legacy Framework Verified Results	n/a						0	0		0		
ib-total - Other	0						0	10,518,484		10,518,484		
2 Save on Energy New Construction Program Save on Energy Heating and Cooling Program Save on Energy New Construction Program	6,244,259 2,347,079 952,308	50,174,012 37,406,039 7,774,866	52,135,347 30,675,176 8,049,121	50,409,465 27,751,713 7,920,517	45,585,837 28,295,451 7,292,805	43,216,378 27,814,750 7,133,175	247,765,298 154,290,208 39,122,792	31,200,969 10,181,961 0		31,200,969 10,181,961		
Save on Energy Home Assistance Program	1,413,841	10,785,092	11,095,404	12,605,295	14,402,363	14,227,736	64,529,731	975,736		975,736		
ib-total - Residential Province-Wide Program	10,957,487	106,140,009	101,955,048	98,686,990	95,576,456	92,392,039	505,708,029	42,358,666		42,358,666		
Isiness Province-Wide Program												
Save on Energy Audit Funding Program	294,892	3,290,088	13,879,164	13,572,063	13,693,127	12,151,578	56,880,912	-				
Save on Energy Retrofit Program	55,584,426	534,759,858	534,753,270	428,553,238	423,763,890	419,628,306		0		0		
Save on Energy Small Business Lighting Program	410,618 327,354	63,588,379 19,263,709	73,395,760	57,879,500			2,397,042,988	19,147,625		0 19,147,625		
Save on Energy High Performance New Construction Program					46,967,274	46,439,579	288,681,110	19,147,625 0		0 19,147,625 0		
Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program	0	2,221,667	2,471,667	19,542,588		46,439,579 18,778,476 2,471,667	288,681,110 101,912,908	19,147,625 0 0		0 19,147,625 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program	10,251,801	243,859,602	2,471,667 255,271,328	19,542,588 2,471,667 256,631,017	46,967,274 24,401,193 2,471,667 167,630,191	18,778,476 2,471,667 119,267,669	288,681,110 101,912,908 12,108,335 1,052,911,608	19,147,625 0 0 0 0 0		0 19,147,625 0 0 0 0		
) Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program	10,251,801 0	243,859,602 9,045,544	2,471,667 255,271,328 5,023,688	19,542,588 2,471,667 256,631,017 1,078,144	46,967,274 24,401,193 2,471,667 167,630,191 356,288	18,778,476 2,471,667 119,267,669 178,144	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808	19,147,625 0 0 0 0 0 0 0		0 19,147,625 0 0 0 0 0 0 0		
9 Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program 2 Save on Energy Monitoring & Targeting Program Save on Energy Energy Manager Program	10,251,801 0 740,583	243,859,602 9,045,544 19,815,119	2,471,667 255,271,328 5,023,688 23,375,625	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500	18,778,476 2,471,667 119,267,669 178,144 22,808,912	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,855,710	19,147,625 0 0 0 0 0 0 0 0 0		0 0 0 0 0		
) Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program	10,251,801 0	243,859,602 9,045,544	2,471,667 255,271,328 5,023,688	19,542,588 2,471,667 256,631,017 1,078,144	46,967,274 24,401,193 2,471,667 167,630,191 356,288	18,778,476 2,471,667 119,267,669 178,144	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808	19,147,625 0 0 0 0 0 0 0 0 0		0 19,147,625 0 0 0 0 0 0 0 19,147,625		
Save on Energy Existing Building Commissioning Program         Save on Energy Process & Systems Upgrades Program         Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program         Save on Energy Energy Manager Program         b-total - Business Province-Wide Program         cal & Regional Program	10,251,801 0 740,583 <b>67,609,674</b>	243,859,602 9,045,544 19,815,119 <b>895,843,966</b>	2,471,667 255,271,328 5,023,688 23,375,625 927,770,090	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 803,786,188	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b>	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,855,710 4,040,075,379	19,147,625 0 0 0 0 0 0 0 0 19,147,625		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program Save on Energy Energy Manager Program b-total - Business Province-Wide Program cal & Regional Program Business Refrigeration Local Program	10,251,801 0 740,583 <b>67,609,674</b> 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 803,786,188	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,855,710 4,040,075,379	19,147,625 0 0 0 0 0 0 0 0 19,147,625 n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program         Save on Energy Process & Systems Upgrades Program         Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program         Save on Energy Energy Manager Program <b>b-total - Business Province-Wide Program b-total - Business Province-Wide Program cal &amp; Regional Program Business Refrigeration Local Program</b> First Nation Conservation Local Program         Social Benchmarking Local Program	10,251,801 0 740,583 <b>67,609,674</b>	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 0 0 19,147,625		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Monitoring & Targeting Program Save on Energy Lenergy Manager Program to-total - Business Province-Wide Program cal & Regional Program Business Refrigeration Local Program First Nation Conservation Local Program	10,251,801 0 740,583 <b>67,609,674</b> 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 803,786,188 665,731 1,102,400	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,855,710 4,040,075,379 10,047,438 4,960,800	19,147,625 0 0 0 0 0 19,147,625 n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program         Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Torgram         Save on Energy Energy Manager Program         be-total - Business Province-Wide Program         Business Refrigeration Local Program         First Nation Conservation Local Program         Social Benchmarking Local Program         be-total - Local & Regional Program	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program         Save on Energy Process & Systems Upgrades Program         Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program         Save on Energy Energy Manager Program <b>b-total - Business Province-Wide Program b-total - Business Province-Wide Program cal &amp; Regional Program Business Refrigeration Local Program</b> First Nation Conservation Local Program         Social Benchmarking Local Program	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Fixessing Building Commissioning Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Cal & Regional Program Business Refrigeration Local Program First Nation Conservation Local Program Social Benchmarking Local Program Cotor Program	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Cal & Regional Program Business Refrigeration Local Program Business Refrigeration Local Program Business Refrigeration Local Program Social & Regional Program Dot Program Social & Regional Program Dot Program Cot Progra	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 n/a n/a n/a 0 n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Social senses Province-Wide Program     Bototal - Business Province-Wide Program     Social Benchmarking Local Program     Social Benchmarking Local Program     Bototal - Local & Regional Program     Bototal - Utilities Ltd Re-Invest Pilot     Bototal - Utilities Corporation - ECM Furmace Motor Pilot	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Save on Energy Monitoring & Targeting Program Cal & Regional Program Business Refrigeration Local Program Business Refrigeration Local Program Business Refrigeration Local Program Social & Regional Program Dot Program Social & Regional Program Dot Program Cot Progra	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 n/a n/a n/a 0 n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Sove on Energy Energy Manager Program     Sove on Energy Monitoring & Torgeting Program     Sove on Energy Energy Manager Program     Sove on Energy Energy Monitor Energy Energy Manager Program     Sove on Energy Energy Monitor ENERGY Energy Manager Program     Sove on Energy Energy Monitor ENERGY Energy Monitor Pilot     Envinu Utilities Corporation - EON Furnace Motor Pilot     Horizon Utilities Corporation - Sovial Benchmarking Pilot     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil     Hydro Nissi Limitor Angel Regional Response Wi-Fi Thermostat Pilot	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program Save on Energy Fixisting Building Commissioning Program Save on Energy Monitoring & Targeting Program Save on Energy Energy Manager Program Business Refrigeration Local Program Business Refrigeration Local Program Social Benchmarking Local Program E-total - Local & Regional Program E-total - Residentian Program E-total - Residentian Demand Response Wi-Fi Thermostat Pilot E-total - Residentian Demand Response Wi-	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program         Save on Energy Process & Systems Upgrades Program           Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program           Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program           Save on Energy Monitoring & Targeting Program         Save on Energy Monitoring & Targeting Program           be-total - Business Province-Wide Program         Save on Energy Energy Manager Program           Business Refrigeration Local Program         Social Benchmarking Local Program           be-total - Local & Regional Program         Social Benchmarking Local Program           be-total - Local & Regional Program         Social Benchmarking Local Program           be-total - Local & Regional Inc Performance-Based Conservation Pilot Program - C         Environ Utilities Ltd Building Optimization Pilot           Persource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C         Environ Utilities Ltd Re-Invest Pilot           Horizon Utilities Corporation - Social Benchmarking Pilot         Horizon Utilities Corporation - Scolal Benchmarking Pilot           Hydro Ottawa Limited - Rosservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         Hydro Ottawa Limited - Rosservation Voltage Regulation (CVR) Leveraging AMI Data Pilot           Kitchener-Wilmot Hydro Inc Direct Install Energy Efficiency Measures for the Agric         Nagara-on-the-Lake Hydro Inc Direct Install Energy Effic	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 n/a n/a n/a n/a n/a n/a n/a n/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Frocess & Systems Upgrades Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Torgeting Program     Save on Energy Energy Manager Program     Social Benchmarking Local Program     Social Benchmarking Pilot     Horizon Utilities Ltd Re-Invest Pilot     Horizon Utilities Corporation - Social Benchmarking Pilot     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil     Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot     Nitchener-Wilmot Hydro Inc Direct Install Energy Efficiency Measures for the Agric     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Social Benchmarking Local Program     Business Refrigeration Local Program     Social Benchmarking Local Program     Social Wather State State State State State     Social Benchmarking Pliot     Social State State State State State State State     Social Benchmarking Pliot     Horizon Utilities Corporation - Social Benchmarking Pliot     Horizon Utilities Corporation - Social Benchmarking Pliot     Hydro Ottawa Limited - Conservation Valage Regulation (CVR) Leveraging AMI Data Pl     Hydro Ottawa Limited - Conservation Valage Regulation (CVR) Leveraging AMI Data Pl     Hydro Ottawa Limited - Conservation Valage Regulation (CVR) Leveraging AMI Data Pl     Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Distribution Inc Direct Install - Hydronic     Distribution Inc Direct Install - Hydronic	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Process & Systems Upgrades Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Torgeting Program     Business Refrigeration Local Program     Business Refrigeration Local Program     Social Benchmarking Pilot     Program     Social Benchmarking Pilot     Social Sociential Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil     Shydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi     Shydro Ottawa Limited - Direct Install - Rergy Efficiency Measures for the Agric     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - RHydronic     Oakville Hydro Electricity System Limited - Direct Install - RTU Controls     Toronto Hydro-Electric System Limited - Direct Install - RTU Controls     Toronto Hydro-Electric System Limited - Direct Install - RTU Controls     Toronto Hydro-Electric System Limited - Direct Install - RTU Controls	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program           Save on Energy Monitoring & Targeting Program           b-total - Business Province-Wide Program           b-total - Business Forvince-Wide Program           Jaul Save Step (Save Conservation Local Program           b-total - Local & Regional Program           b-btotal - Local & Regional Program           b-btotal - Local & Regional Program           b-total - Local & Regional Program           c Enviro Utilities Corporation - ECM Furnace Motor Pilot           Horizon Utilities Corporation - Scolal Benchmarking Pilot           Hydro Ottawa Limit	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Process & Systems Upgrades Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Business Refrigeration Local Program     Business Refrigeration Local Program     Social Benchmarking Pilot     Program     Social Benchmarking Pilot     Profrom Utilities Corporation - EOM Furnace Motor Pilot     Horizon Utilities Corporation - Social Benchmarking Pilot     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi     Hydro Ottawa Limited - Direct Install - RUPY Measures for the Agric     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - RUC ontrols     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     T	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program         Save on Energy Montoring & Targeting Program         be-total - Business Province-Wide Program         Business Refrigeration Local Program         Josefal Benchmarking Local Program         be-total - Local & Regional Program         Detrogram         Persource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - Q         Enviry Utilities Ltd Building Optimization Pilot         Horizon Utilities Corporation - Social Benchmarking Pilot         Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         Hydro Ottawa Limited - Roservation Voltage Regulation (CVR) Leveraging AMI Data Pilot         Nigara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic         Oakville Hydro-Electric System Limited	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 1/a 1/a 1/a 1/a 1/a 1/a 1/a 1/a		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program     Save on Energy Process & Systems Upgrades Program     Save on Energy Monitoring & Targeting Program     Save on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Sove on Energy Monitoring & Targeting Program     Business Refrigeration Local Program     Business Refrigeration Local Program     Social Benchmarking Pilot     Program     Social Benchmarking Pilot     Profrom Utilities Corporation - EOM Furnace Motor Pilot     Horizon Utilities Corporation - Social Benchmarking Pilot     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi     Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pi     Hydro Ottawa Limited - Direct Install - RUPY Measures for the Agric     Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     Oakville Hydro Electricity Distribution Inc Direct Install - RUC ontrols     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     Toronto Hydro-Electric System Limited - Direct Install - RU Controls     T	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0		
	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3		0 0 0 0 0		
Save on Energy Existing Building Commissioning Program           Save on Energy Process & Systems Upgrades Program           Save on Energy Monitoring & Targeting Program           Save on Energy Monitoring & Targeting Program           Save on Energy Monitoring & Targeting Program           Save on Energy Monitoring & Torgeting Program           Save on Energy Monitoring & Torgeting Program           be-total - Business Province-Wide Program           Cal & Regional Program           Business Refrigeration Local Program           5 Social Benchmarking Local Program           be-total - Local & Regional Program           cal Kinchenz-Winto Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C           lenWin Utilities	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 0 19,147,625 1/a 1/a 1/a 1/a 1/a 1/a 1/a 1/a		0 0 0 0 0		
	10,251,801 0 740,583 67,609,674 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 255,271,328 5,023,688 23,375,625 <b>927,770,090</b> 5,498,784 1,102,400 54,000	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 <b>803,786,188</b> 665,731 1,102,400 436,404	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,267,669 178,144 22,808,912 641,724,331 635,934 826,800 76,350,738	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,655,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0		
2 Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program 2 Save on Energy Monitoring & Targeting Program 3 Save on Energy Monitoring & Targeting Program 3 Save on Energy Monitoring & Targeting Program 4 Detotal - Business Province-Wide Program 1 Detotal - Business Province-Wide Program 1 Detotal - Business Refrigeration Local Program 5 Social Benchmarking Local Program 5 Social Benchmarking Local Program 1 Detotal - Local & Regional Program 2 Envinu Utilities Corporation - Scoial Benchmarking Pilot 1 Horizon Utilities Corporation - Scoial Benchmarking Pilot 1 Horizon Utilities Corporation - Scoial Benchmarking Pilot 1 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil 1 Hydron Utilities Corporation - Scoial Benchmarking Pilot 1 Hydron Utilities Corporation - Scoial Benchmarking Pilot 2 Adville Hydro Electricity Distribution Inc Direct Install - Hydronic 1 Dakville Hydro Electricity Distribution Inc Direct Install - RTU Controls 2 Toronto Hydro-Electric System Limited - Direct Install - Hydronic 1 Dakville Hydro Electricity System Limited - Direct Install - RTU Controls 3 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls 2 Adjustments to 2015 CFF	10,251,801 0 740,583 67,609,674 0 0 0 0 0 0 0 0 0 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>395,843,966</b> 2,421,358 826,800 30,000 <b>3,278,158</b>	2,471,667 265,271,328 5,022,688 23,375,625 927,770,090 5,498,784 1,102,400 5,498,784 1,102,400 6,655,184	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 803,786,188 665,731 1,102,400 4,33,604 2,204,535	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 703,341,130 825,631 1,102,400 1,588,200 3,516,231	18,778,476 2,471,667 119,227,669 178,144 22,808,912 641,724,331 641,724,331 643,5934 826,800 76,550,738 77,813,472	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,855,710 4,040,075,379 10,047,438 4,960,800 78,459,342 93,467,580	19,147,625 0 0 0 0 0 0 19,147,625 1/a 1/a 1/a 1/a 1/a 1/a 1/a 1/a		0 0 0 0 0 0 0 0 19,147,625		
	10,251,801 0 740,583 67,609,674 0 0 0 0 0 0 0 0 0 0 0 0 0	243,859,602 9,045,544 19,815,119 <b>895,843,966</b> 2,421,358 826,800 30,000	2,471,667 265,271,328 5,022,688 23,375,625 927,770,090 5,498,784 1,102,400 5,498,784 1,102,400 6,655,184	19,542,588 2,471,667 256,631,017 1,078,144 24,057,971 803,786,188 665,731 1,102,400 4,33,604 2,204,535	46,967,274 24,401,193 2,471,667 167,630,191 356,288 24,057,500 <b>703,341,130</b> 825,631 1,102,400 1,588,200	18,778,476 2,471,667 119,227,669 178,144 22,808,912 641,724,331 641,724,331 643,5934 826,800 76,550,738 77,813,472	288,681,110 101,912,908 12,108,335 1,052,911,608 15,681,808 114,685,710 4,040,075,379 10,047,438 4,960,800 78,459,342	19,147,625 0 0 0 0 0 19,147,625 1/a n/a n/a n/a n/a n/a n/a n/a n		0 0 0 0 0 0 0 0 19,147,625		



Province-Wide Progress					Net Increm	nental First Ye	ar Energy Saving	js		
# Programs			CDM Plan Fo	precast Reported (	kWh)			Actual Verified (kWh)		Annual Cumulative Progress vs. CDM Plan
	2015	2016	2017	2018	2019	2020	Total	2015 2016 2017 2019 2019 2020	Total	2015 2016 2017 2019 (%) 2020 70tal
2011-2014+2015 Extension Legacy Framework Programs	Letter and the second s		ı			L	/L			
Residential Program	21,145,720						21,145,720	50,267,679	50,267,679	238% 238%
2 Bi-Annual Retailer Event Initiative	28,087,320						28,087,320	74,495,781	74,495,781	265% 265%
3 Appliance Retirement Initiative	1,420,382						1,420,382	6,231,034	6,231,034	439% 439%
4 HVAC Incentives Initiative 5 Residential New Construction and Major Renovation Initiative	35,159,491						35,159,491 0	45,965,427 6,305,281	45,965,427 6,305,281	131% 131%
Sub-total - Residential Program	85,812,913						85,812,913	183,265,202	183,265,202	214% 214%
Commercial & Institutional Program										
6 Energy Audit Initiative	11,116,083						11,116,083	26,333,804	26,333,804	237% 237%
7 Efficiency: Equipment Replacement Incentive Initiative     8 Direct Install Lighting and Water Heating Initiative	421,370,270 61,191,201						421,370,270 61,191,201	653,480,201 50,394,978	653,480,201 50,394,978	155% 155% 82% 82%
9 New Construction and Major Renovation Initiative	29,093,852						29,093,852	22,022,383	22,022,383	76% 76%
10 Existing Building Commissioning Incentive Initiative Sub-total - Commercial & Institutional Program	1,924,286 524,695,692						1,924,286 524,695,692	947,849 753,179,215	947,849 753,179,215	49% 49% 49% 144%
Sub-total - Commercial & Institutional Program	524,695,692					I	524,695,692	/53,1/9,215	/53,179,215	144%
Industrial Program	001.001.007						004 004 007		100 701 000	0700
11 Process and Systems Upgrades Initiatives - Project Incentive Initiative           12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	331,806,287 1,256,288						331,806,287 1,256,288	122,704,030	122,704,030 1,369,000	37% 37% 37%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	21,625,594						21,625,594	35,834,323	35,834,323	166% 166%
Sub-total - Industrial Program	354,688,169						354,688,169	159,907,353	159,907,353	45% 45%
Low Income Program								<u> </u>		·
14 Low Income Initiative	8,917,339 8,917,339						8,917,339 8,917,339	14,906,764	14,906,764 14,906,764	167% 167% 167%
Sub-total - Low-Income Program	8,917,339						8,917,339	14,700,/04	14,906,764	167%
Pilot Program										
15 Loblaws Pilot 16 Social Benchmarking Pliot	0						0	8,311,388	8,311,388 17,391,939	
17 Conservation Fund Pilot - SEG	0						0	11,772,874	11,772,874	
18 Conservation Fund Pilot - EnerNOC	0						0	328,828 37,805,029	328,828	
Sub-total - Pilot Program	U					I	U	37,805,029	37,805,029	
Other										
19 Aboriginal Conservation Program           20 Program Enabled Savings	0 n/a						0	3,627,223	3,627,223	
21 Adjustments to 2015 Legacy Framework Verified Results	n/a						0	0	0	
Sub-total - Other	0						0	19,883,138	19,883,138	
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	6,244,259 2,347,079 952,308 1,421,144 <b>10,964,790</b>	50,174,012 37,406,039 7,774,866 10,816,092 106,171,009	52,135,347 30,675,176 8,049,121 11,095,404 101,955,048	50,409,465 27,751,713 7,920,517 12,605,295 <b>98,686,990</b>	45,585,837 28,295,451 7,292,805 14,402,363 <b>95,576,456</b>	43,216,378 27,814,750 7,133,175 14,227,736 <b>92,392,039</b>	247,765,298 154,290,208 39,122,792 64,568,034 505,746,332	31,459,586 10,181,961 0 1,145,792 42,787,339	31,459,586 10,181,961 0 1,145,792 42,787,339	504%         13%           434%         7%           0%         0%           81%         2%           390%         8%
Business Province-Wide Program           26         Save on Energy Audit Funding Program	1,199,165	13,523,765	14,379,164	14,172,063	13,693,127	12,151,578	69,118,862	162,592	162,592	14% 0%
27 Save on Energy Retrofit Program	55,584,426	534,759,858	534,753,270	428,553,238	423,763,890	419,628,306	2,397,042,988	19,243,297	19,243,297	35% 1%
28 Save on Energy Small Business Lighting Program 29 Save on Energy High Performance New Construction Program	410,618 327,354	63,588,379 19,263,709	73,395,760 19,599,588	57,879,500 19,542,588	46,967,274 24,401,193	46,439,579 18,778,476	288,681,110 101,912,908	0	0	0% 0%
30 Save on Energy Existing Building Commissioning Program	0	2,221,667	2,471,667	2,471,667	2,471,667	2,471,667	12,108,335	0	0	0%
31 Save on Energy Process & Systems Upgrades Program	10,251,801	244,013,300 9,045,544	255,271,338 5,023,688	256,631,027 1,078,144	167,630,201 356,288	119,267,669 178,144	1,053,065,336 15,681,808	0	0	0% 0%
32 Save on Energy Monitoring & Targeting Program 33 Save on Energy Energy Manager Program	740,583	22,509,192	23,375,625	24,057,971	24,057,500	22,808,912	117,549,783	0	0	0%
Sub-total - Business Province-Wide Program	68,513,947	908,925,414	928,270,100	804,386,198	703,341,140	641,724,331	4,055,161,130	19,405,889	19,405,889	28% 0%
Local & Regional Program										
34 Business Refrigeration Local Program	0	2,448,730	5,548,937	715,884	875,784 1,102,400	635,934 826,800	10,225,269 4,960,800	n/a	0	n/a 0%
35 First Nation Conservation Local Program         36 Social Benchmarking Local Program	0	826,800 44,571,820	1,102,400 63,353,167	65,106,690	73,526,874	826,800 76,350,738	4,960,800 322,909,289	n/a n/a	0	n/a 0%
Sub-total - Local & Regional Program	0	47,847,350	70,004,504	66,924,974	75,505,058	77,813,472	338,095,358	0	0	n/a 0%
Pilot Program										
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C								n/a	0	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Ltd Re-Invest Pilot								n/a n/a	0	
40 Horizon Utilities Corporation - ECM Furnace Motor Pilot								n/a l	0	
41 Horizon Utilities Corporation - Social Benchmarking Pilot								n/a	0	
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil 43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot						-		n/a n/a	0	
44 Kitchener-Wilmot Hydro Inc Pilot - DCKV								n/a	0	
45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a	0	
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic 47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a n/a	0	
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)								n/a	0	
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) 50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)						-		n/a n/a	0	
Sub-total - Pilot Program								0	0	
							<u> </u>	n/a	0	
Other 51 Adjustments to 2015 CFF Verified Results								n/a	0	
51         Adjustments to 2015 CFF Verified Results           52         Adjustments to 2016 CFF Verified Results									0	
Adjustments to 2015 CFF Verified Results       52     Adjustments to 2016 CFF Verified Results       53     Adjustments to 2017 CFF Verified Results								n/a n/a	0	
51         Adjustments to 2015 CFF Verified Results           52         Adjustments to 2016 CFF Verified Results								n/a n/a n/a	0	
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								n/a	0 0 0	
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         56       Adjustments to 2019 CFF Verified Results         57       Adjustments to 2019 CFF Verified Results         58       Adjustments to 2019 CFF Verified Results	79.478.737	1,062,943,773	1,100.229.652	969,998.162	874,422.654	811,929,842	4,899.002.820	n/a a	0 0 0 62.193.228	
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           55         Adjustments to 2019 CFF Verified Results	79,478,737		1,100,229,652		874,422,654 874,422,654	_	4,899,002,820 5,873,116,933	n/a n/a 0 62,193,228	0 0 0 62,193,228 1,231,139,929	78%



Province-Wide Progress				Ne	et Increm	ental Fir	st Year Pe	ak Deman	d Savings				
# Programs		c	CDM Plan Fo	precast Rep	orted (kW)			Act	ual Verified (	kW)	Progree	ss vs. CDM Plar (%)	۰
	2015	2016	2017	2018	2019	2020	Total	2015	2016 2017 2018 2019	Total	2015 2016	2017 2018 2019 2020	n 
2011-2014+2015 Extension Legacy Framework Programs Residential Program											· · · ·		
1 Coupon Initiative 2 Bi-Annual Retailer Event Initiative	1,426						1,426 1,917	3,285 5,100		3,285 5,100	230% 266%		230%
Appliance Retirement Initiative     HVAC Incentives Initiative	1,036 20,618						1,036 20,618	1,027 24,035		1,027 24,035	99% 117%		99% 17%
For a fractive metalow     Section tail New Construction and Major Renovation Initiative     Sub-total - Residential Program	0 24,997						20,018	1,113 34,560		1,113	138%		138%
Commercial & Institutional Program	2.1,777						- 1,777	01,000		01,000	10070		
6 Energy Audit Initiative	1,821						1,821	5,614		5,614	308%		808% 134% 72% 95% 56% 123%
7 Efficiency: Equipment Replacement Incentive Initiative     8 Direct Install Lighting and Water Heating Initiative	70,109 16,601						70,109 16,601	93,596 11,893		93,596 11,893	134% 72%		134% 72%
9 New Construction and Major Renovation Initiative 10 Existing Building Commissioning Incentive Initiative	5,495 783						5,495 783	5,222 437		5,222 437	95% 56%		95% 56%
Sub-total - Commercial & Institutional Program	94,809						94,809	116,762		116,762	123%		23%
Industrial Program													
11         Process and Systems Upgrades Initiatives - Project Incentive Initiative           12         Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	44,236 143						44,236 143	13,649 0	+++-	13,649 0	31% 0%		31% 0%
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	3,791						3,791	7,590		7,590	200%		200%
Sub-total - Industrial Program	48,170						48,170	21,239		21,239	44%		44%
Low Income Initiative	7,758						7,758	2,225		2,225	29%		29%
Sub-total - Low-Income Program	7,758						7,758	2,225		2,225	29%		29%
Pilot Program 15 Loblaws Pilot	0						0	724		724			_
16 Social Benchmarking Pliot	0						0	1,649		1,649			
17         Conservation Fund Pilot - SEG           18         Conservation Fund Pilot - EnerNOC	0						0	1,055		1,055			
Sub-total - Pilot Program	0						0	3,428		3,428			
Other 19 Aboriginal Conservation Program	0						0	625		625			_
20 Program Enabled Savings	n/a						0	1,145		1,145			
21 Adjustments to 2015 Legacy Framework Verified Results Sub-total - Other	n/a						0	0		0			
Sub-total - 2011-2014+2015 Extension Legacy Framework	175,734						175,734	179,984		179,984	102%		02%
2015-2020 Conservation First Framework Programs Residential Province-Wide Program													
22 Save on Energy Coupon Program	416	3,539	3,685	3,569	3,248	3,090	17,547	2,025		2,025	487%		12%
23 Save on Energy Heating and Cooling Program 24 Save on Energy New Construction Program	1,806 87	18,347 1,393	13,914 1,375	11,980 1,420	12,104 1,366	11,834 1,408	69,985 7,049	5,322 0		5,322 0	295% 0%		8% 0%
25 Save on Energy Home Assistance Program Sub-total - Residential Province-Wide Program	313 2,622	6,559 29,838	6,435 25,409	6,295 23,264	6,245 22,963	6,215 22,547	32,062 126,643	213 7,560		213 7,560	68% 288%		1% 6%
Business Province-Wide Program										•			
26 Save on Energy Audit Funding Program 27 Save on Energy Retrofit Program	205 9,937	2,241 80,144	2,394 83,912	2,357 71,001	2,278 71,370	2,015 71,359	11,490 387,723	35 2,828		35 2,828	17% 28%		0% 1%
28 Save on Energy Small Business Lighting Program	119	16,459	18,087	14,685	12,429	12,219	73,998	0		0	0%		0%
29 Save on Energy High Performance New Construction Program 30 Save on Energy Existing Building Commissioning Program	44	4,202 945	4,316	4,298	4,546	4,149	21,555 5,173	0		0			0% 0%
31 Save on Energy Process & Systems Upgrades Program	1,221	29,166	28,760	28,010	20,416	15,277	122,850	0		0	0%		0%
32 Save on Energy Monitoring & Targeting Program 33 Save on Energy Energy Manager Program	0 90	1,323 3,581	503 3,673	123 3,816	41 3,816	20 3,673	2,010 18,649	0		0			0% 0%
Sub-total - Business Province-Wide Program	11,616	138,061	142,702	125,347	115,953	109,769	643,448	2,863		2,863	25%		0%
Local & Regional Program 34 Business Refrigeration Local Program	0	333	755	94	114	84	1,380	n/a		0	n/a		0%
35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	0	131	175	175 10.316	175	131 11,925	787 51,175	n/a n/a		0	n/a		0% 0%
30 Social Benchmarking Local Program Sub-total - Local & Regional Program	0	7,426	9,895 10,825	10,316 10,585	11,613	12,140	51,175	n/a 0		0	1Vd		0%
Pilot Program													
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C 38 EnWin Utilities Ltd Building Optimization Pilot								n/a n/a		0			
39 EnWin Utilities Ltd Re-Invest Pilot								n/a		0			
40         Horizon Utilities Corporation - ECM Furnace Motor Pilot           41         Horizon Utilities Corporation - Social Benchmarking Pilot								n/a n/a		0			
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil 43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot								n/a n/a	+++	0			
44 Kitchener-Wilmot Hydro Inc Pilot - DCKV								n/a		0			
45         Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric           46         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic								n/a n/a		0			
A7 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls     A8 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)								n/a n/a		0			
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a		0			
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Sub-total - Pilot Program								n/a 0		0			
Other													
51 Adjustments to 2015 CFF Verified Results 52 Adjustments to 2016 CFF Verified Results								n/a n/a		0			
53 Adjustments to 2017 CFF Verified Results								n/a		0			
54 Adjustments to 2018 CFF Verified Results 55 Adjustments to 2019 CFF Verified Results								n/a n/a		0			
Sub-total - Other								0		0			
Sub-total - 2015-2020 Conservation First Framework	14,238	175,789	178,936	159,196	150,818	144,456	823,433	10,423		10,423	73%		1%
Total	180 070	175,789	178 024	159 194	150 919	144 454	900 147	190,407		190,407	100%		19%
iotai	109,972	115,109	110,930	137,170	100,010	144,430	777,10/	170,407		170,407	10070		17/0



Province-Wide Progress		Gross and Realization Ra	-	
# Programs	Energy Realization Rate (%)	Savings Net-to-Gross (%)	Demano Realization Rate (%)	l Savings Net-to-Gross (%)
	2015 2016 2017 2018 2019 2019 2020	2015 2016 2017 2018 2019 2020 Total	2015 2016 2017 2018 2019 2019 2020 Total	115 0115 0115 0116 0116 0117
2011-2014+2015 Extension Legacy Framework Programs Residential Program				
1 Coupon Initiative 2 Bi-Annual Retailer Event Initiative	100%	164%	100% 100%	164% 164%
Appliance Retirement Initiative     HVAC Incentives Initiative     Sesidential New Construction and Major Renovation Initiative     Sub-total - Residential Program	100% 100% 76%	47% 51% 49%	100% 100% 187%	X         X         X         X         Y
Commercial & Institutional Program 6 [Energy Audit Initiative	100%	89%	100%	89%
7 Efficiency: Equipment Replacement Incentive Initiative 8 Direct Install Lighting and Water Heating Initiative	99%	77%	90% 90% 90% 90% 90% 90% 90% 90% 90% 90%	
9 New Construction and Major Renovation Initiative     10 Existing Building Commissioning Incentive Initiative	98%	54%	92%	54%
Sub-total - Commercial & Institutional Program		7370	13776	80%
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	100%	80%	94%	80%
12         Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative           13         Process and Systems Upgrades Initiatives - Energy Manager Initiative           Sub-total - Industrial Program	100% 101%	100% 75%	0%	100% 81%
Low Income Program           14         Low Income Initiative	87%	100%	95%	100%
Sub-total - Low-Income Program Pilot Program				
Pilot Program           15 Loblaws Pilot           16 Social Benchmarking Pilot	100%	99%	100%	100%
To Social Benchmarking Pilot 17 Conservation Fund Pilot - SEG 18 Conservation Fund Pilot - SEG 19 Conservation Fund Pilot - EnerNOC	100% 107%	100%	100%	100%
Sub-total - Pilot Program	2370	0470		
Other           19         Aboriginal Conservation Program	75%	100%	84%	100%
20 Program Enabled Savings 21 Adjustments to 2015 Legacy Framework Verified Results Sub-total - Other	87% 100%	75% 100%	72% 100%	75%
Sub-total - 2011-2014+2015 Extension Legacy Framework				
2015-2020 Conservation First Framework Programs Residential Province-Wide Program				
22 Save on Energy Heating and Cooling Program 23 Save on Energy Heating and Cooling Program	100%	162% 56%	100%	162% 56%
24 Save on Energy New Construction Program 25 Save on Energy Home Assistance Program	100%	100%	100%	100%
Sub-total - Residential Province-Wide Program				
Business Province-Wide Program           26         Save on Energy Audit Funding Program	100%	98%	100%	100%
27         Save on Energy Retrofit Program           28         Save on Energy Small Business Lighting Program	96% 96% 96% 96% 96% 96% 96% 96% 96% 96%	76% 100%	81% 100%	75% 100%
29         Save on Energy High Performance New Construction Program           30         Save on Energy Existing Building Commissioning Program	100%	100%	100%	100%
31         Save on Energy Process & Systems Upgrades Program           32         Save on Energy Monitoring & Targeting Program	100%	100%	100% · · · · · · · · · · · · · · · · · ·	100%
33 Save on Energy Energy Manager Program Sub-total - Business Province-Wide Program	100%	100%	100%	100%
Local & Regional Program 34 [Business Refrigeration Local Program	n/a	n/a	n/a	n/a
35 First Nation Conservation Local Program 35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	n/a n/a	n/a	n/a	n/a
Sub-total - Local & Regional Program		iva	iwa	
Pilot Program 37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C	n/a	n/a	n/a	n/a
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Ltd Re-Invest Pilot	n/a n/a	n/a n/a	n/a n/a	n/a n/a
40         Horizon Utilities Corporation - ECM Furnace Motor Pilot           41         Horizon Utilities Corporation - Social Benchmarking Pilot	n/a n/a	n/a	n/a n/a	n/a n/a
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data PI 43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	n/a n/a	n/a n/a	n/a n/a	n/a
44 Kitchener-Wilmot Hydro Inc Pilot - DCKV 45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric	n/a n/a	n/a n/a	n/a n/a	n/a n/a
46 (Dakville 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)	n/a	n/a	n/a	n/a
48 Toronto Hydro-Electric System Limited - Direct Instali - Hydronic (Hiot Savings) 49 Toronto Hydro-Electric System Limited - Direct Instali - RTU Controls (Pilot Savings) 50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Sub-total - Pilot Program	n/a a a a a a a a a a a a a a a a a a a		n/a n/a n/a	
Other	2/2			
51 Adjustments to 2015 CFF Verified Results 52 Adjustments to 2016 CFF Verified Results	n/a n/a	n/a n/a	n/a n/a	n/a n/a
53         Adjustments to 2017 CFF Verified Results           54         Adjustments to 2018 CFF Verified Results	n/a n/a	n/a n/a	n/a n/a	n/a n/a
55 Adjustments to 2019 CFF Verified Results Sub-total - Other	n/a	n/a	n/a	n/a
Sub-total - 2015-2020 Conservation First Framework				
Total				



Province-Wide Progress	Gross Incremental First Year Energy S		
# Programs	Actual Verified (kWh)	Savings	Actual Verified (kW)
	2015 2016 2017 2019 2019 2020	Total	
2011-2014+2015 Extension Legacy Framework Programs Residential Program		Year En	k Derr
1 Coupon Initiative 2 Bi-Annual Retailer Event Initiative	30,609,961 45,290,557	30,609,961 × 45,290,557 t	2,000 2,000 3,101 3,101 3,101
3 Appliance Retirement Initiative	13,310,542	45,290,557 13,310,542	2,256 2,256
4   HVAC Incentives Initiative 5   Residential New Construction and Major Renovation Initiative Sub-total - Residential Program	90,971,430 12,752,074 192,934,564	90,971,430 12,752,074 192,934,564 29,536,555 851,918,970	
	172,734,304	172,734,304 <b>0</b>	2,263 2,263 7 57,208 57,208
Commercial & Institutional Program	20.52/.555		
6 Energy Audit Initiative 7 Efficiency: Equipment Replacement Incentive Initiative	29,536,555 851,918,970	29,536,555 851,918,970	6,296 6,296
8 Direct Install Lighting and Water Heating Initiative	56,889,848	56,889,848	6.296         6.296           122,480         122,480           13,676         13,676           9,656         9,656           475         475
9 New Construction and Major Renovation Initiative     10 Existing Building Commissioning Incentive Initiative	40,729,120	56,889,848 <b>%</b> 40,729,120 <b>9</b> 999,323 <b>5</b>	9,656 9,656 5 475 475 5
Sub-total - Commercial & Institutional Program	980,073,816	980,073,816	152,583 152,583 V
			152,583 00 00 00 00 00 00 00 00 00 00 00 00 00
Industrial Program 11 Process and Systems Upgrades Initiatives - Project Incentive Initiative	152,701,395	152,701,395	17,026 0
12 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	1,369,000	1,369,000	0 0
13 Process and Systems Upgrades Initiatives - Energy Manager Initiative	47,779,097	47,779,097	9,370 9,370 9,370
Sub-total - Industrial Program	201,849,492	201,849,492	26,396 26,396
Low Income Program			
14 Low Income Initiative Sub-total - Low-Income Program	14,906,764 14,906,764	14,906,764 14,906,764	2,225 2,225 2,225 2,225
Sub-total - LOW-INCOINC Flogram	14,700,704	14,900,704	2,223
Pilot Program			
15 Loblaws Pilot 16 Social Benchmarking Pliot	8,311,388	8,311,388 17,572,400	724 724 724 1,661 1,661
17 Conservation Fund Pilot - SEG	11,772,874	11,772,874	1,001
18 Conservation Fund Pilot - EnerNOC	516,430	516,430	0 0
Sub-total - Pilot Program	38,173,092	38,173,092	3,440 3,440
Other			
19 Aboriginal Conservation Program	3,627,223	3,627,223	625 625
20 Program Enabled Savings 21 Adjustments to 2015 Legacy Framework Verified Results	21,581,829	21,581,829 0	1,517 <u>1,517</u> 0
Sub-total - Other	25,209,052	25,209,052	2,142 2,142
Sub-total - 2011-2014+2015 Extension Legacy Framework	1,453,146,780	53,146,780	243,994 243,994
2015-2020 Conservation First Framework Programs			
Residential Province-Wide Program			
22 Save on Energy Coupon Program	19,373,413	19,373,413	1,247 1,247
23 Save on Energy Heating and Cooling Program 24 Save on Energy New Construction Program	18,146,542	18,146,542 0	9,482 9,482 9,482 0
25 Save on Energy Home Assistance Program	1,145,792	1,145,792	213 213
Sub-total - Residential Province-Wide Program	38,665,747	38,665,747	10,942 10,942
Business Province-Wide Program			
26 Save on Energy Audit Funding Program	165,936	165,936	35 35
27 Save on Energy Retrofit Program 28 Save on Energy Small Business Lighting Program	25,397,914	25,397,914 0	3,752 3,752 0 0
29 Save on Energy High Performance New Construction Program	0	0	
30 Save on Energy Existing Building Commissioning Program	0	0	0 0
31 Save on Energy Process & Systems Upgrades Program	0	0	0 0
32         Save on Energy Monitoring & Targeting Program           33         Save on Energy Energy Manager Program	0	0	
Sub-total - Business Province-Wide Program	25,563,850	25,563,850	3,787 3,787
Local & Regional Program 34 Business Refrigeration Local Program	n/a	0	n/a 0
35 First Nation Conservation Local Program	n/a	0	n/a O
36 Social Benchmarking Local Program Sub-total - Local & Regional Program	n/a l	0	n/a 0
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	n/a	0	n/a 0 n/a 0
39 EnWin Utilities Ltd Re-Invest Pilot	n/a	0	n/a 0
40 Horizon Utilities Corporation - ECM Furnace Motor Pilot	n/a	0	n/a O
41 Horizon Utilities Corporation - Social Benchmarking Pilot	n/a	0	n/a O
42 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil 43 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	n/a	0	n/a 0 n/a 0
44 Kitchener-Wilmot Hydro Inc Pilot - DCKV	n/a	0	
45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric	n/a	0	n/a O
46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic     47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls	n/a a a a a a a a a a a a a a a a a a a	0	n/a 0 n/a 0
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	n/a	0	
49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	n/a	0	n/a O
50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) Sub-total - Pilot Program	n/a	0	n/a 0 0
Other			
51 Adjustments to 2015 CFF Verified Results 52 Adjustments to 2016 CFF Verified Results	n/a n/a	0	n/a 0 n/a 0
53 Adjustments to 2017 CFF Verified Results	n/a	0	
54 Adjustments to 2018 CFF Verified Results	n/a	0	n/a 0
55 Adjustments to 2019 CFF Verified Results Sub-total - Other	n/a l	0	
Sup-total - Other		0	
Sub-total - 2015-2020 Conservation First Framework	64,229,597	64,229,597	14,729 14,729
Total	1 517 374 377	17 27/ 277	
Total	1,517,376,377	17,376,377	258,723 258,723



Province-Wide Progress	Participant Incentive Spending								
# Programs			(	CDM Plan Forecast (				Actual Verified (\$)	Progress vs. CDM Plan
	a	<b>9</b>			6	0	=		(%)
	201	2016	2017	2018	2016	2020	Total	2015 2016 2017 2019 2019 2020 2020	2015 2016 2017 2018 2019 2019 2019
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									
Low Income Program 14 Low Income Initiative									
Sub-total - Low-Income Program									
Pilot Program									
15 Loblaws Pilot									
16 Social Benchmarking Pliot 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	836,741	6,478,003	6,233,444	6,084,964	5,786,556	5,646,296	31,066,005	3,845,994 3,84	<b>5,994</b> 460% <b>12%</b>
23 Save on Energy Heating and Cooling Program 24 Save on Energy New Construction Program	2,615,502 213,491	24,495,755 2,656,350	16,817,561 2,670,989	14,735,952 2,701,863	15,030,616 2,467,819	14,705,075 2,485,918	88,400,460 13,196,430	6,213,250 6,21	3,250 238% 7% 0 0% 0%
25 Save on Energy Home Assistance Program	953,840	4,998,085	4,991,410	5,202,197	5,612,890	5,544,666	27,303,088		3,158 79% 3%
Sub-total - Residential Province-Wide Program	4,619,575	38,628,192	30,713,404	28,724,976	28,897,881	28,381,955	159,965,983	10,812,402 10,81	2,402 234% 7%
Business Province-Wide Program									
26 Save on Energy Audit Funding Program	153,359	1,542,753	1,615,699	1,613,407	1,557,753	1,431,535	7,914,505 411,833,652	6,420 2,662,418 2,66	5,420 4% 0% 2,418 28% 1%
27 Save on Energy Retrofit Program 28 Save on Energy Small Business Lighting Program	9,410,310 145,692	94,346,939 19,229,226	92,472,903 21,773,089	73,478,459 18,397,746	71,418,770 15,183,151	70,706,271 14,973,435	411,833,652 89,702,340	2,662,418 2,66	0 0% 0%
29 Save on Energy High Performance New Construction Program	107,329	8,376,038	8,454,289	8,390,473	8,890,399	8,232,746	42,451,274	0	0 0% 0%
30 Save on Energy Existing Building Commissioning Program           31 Save on Energy Process & Systems Upgrades Program	2,029,498	773,313 49,178,059	773,313 53,219,433	773,313 52,890,240	773,313 33.685.450	773,313 24.985.194	<u>3,866,567</u> 215,987,874	16,893	0 0%
32 Save on Energy Monitoring & Targeting Program	0	487,500	300,000	112,500	75,000	37,500	1,012,500	0	0 0%
33 Save on Energy Energy Manager Program	600,000 12,446,188	3,176,551	3,296,566 181,905,292	3,511,926	3,431,940	3,243,954	17,260,937	0	0 0% 0%
Sub-total - Business Province-Wide Program	12,440,188	177,110,380	101,905,292	159,168,064	135,015,776	124,383,950	790,029,649	2,685,731 2,68	5,731 22% 0%
Local & Regional Program		450 202	1,495,462	75,000	100,000	62,500	2,383,254	n/a	0 n/a 0%
34         Business Refrigeration Local Program           35         First Nation Conservation Local Program	0	650,292 1,500,000	2,000,000	2,000,000	2,000,000	1,500,000	2,383,254 9,000,000	n/a // // // // // // // // // // // // /	0 n/a 0%
36 Social Benchmarking Local Program	0	0	0	150,000	510,000	1,050,000	1,710,000	n/a	0 n/a 0%
Sub-total - Local & Regional Program	0	2,150,292	3,495,462	2,225,000	2,610,000	2,612,500	13,093,254	n/a	0 n/a 0%
Pilot Program									
37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C						-		n/a	0
38 EnWin Utilities Ltd Building Optimization Pilot									
38 EnWin Utilities Ltd Building Optimization Pilot 39 EnWin Utilities Ltd Re-Invest Pilot								n/a	0
38 EnWin Utilities Ltd Building Optimization Pilot     39 EnWin Utilities Ltd Re-Invest Pilot     40 Horizon Utilities Corporation - ECM Furnace Motor Pilot								n/a	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Carporation - ECM Furnace Motor 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 Pilot								n/a	
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 - Scolal 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								n/a	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Carlowset 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 Pilot								n/a	
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 - Rosidential Demand Response Wi-Fi Thermostat Pilot           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								n/a	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Corporation - ECM Furnace Motor Pilot           40         Horizon Utilities Corporation - ECM Furnace Motor Pilot           41         Horizon Utilities Corporation - ECM Furnace Motor Pilot           42         Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot           43         Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostal 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								n/a	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Lorporation - ECM Furnace Motor Pilot           40         Horizon Utilities Corporation - ECM Furnace Motor Pilot           41         Horizon Utilities Corporation - ECM Furnace Motor Pilot           42         Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot           43         Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot           44         Kitchener-Wilmot Hydro Inc Direct Install Energy Efficiency Measures for the Agric           46         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic           47         Oakville Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)           49         Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a            n/a	
38         EnWin Utilities Ltd Building Optimization Pilot           39         EnWin Utilities Corporation - ECM Furnace Motor Pilot           40         Horizon Utilities Corporation - ECM Furnace Motor Pilot           41         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 Pilot           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 Fergy Efficiency Measures for the Agric           46         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic           47         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic (Pilot Savings)           49         Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)           49         Toronto Hydro-Electric System Limited - Pire - Large (Pilot Savings)           50         Toronto Hydro-Electric System Limited - Pire - Large (Pilot Savings)								n/a	
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 - Residential Demand Response Wi-Fi Thermostat Pilot           43         Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot           44         Kitchener-Wilmot Hydro Inc Diret Install Energy Efficiency Measures for the Agric           46         Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic           48         Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)           49         Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								n/a            n/a	
38       EnWin Utilities Ltd Building Optimization Pilot         39       EnWin Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       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 Pilot         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 - Hydronic (Pilot Savings)         49       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - DFP - Large (Pilot Savings)         50       Torontal Hydro-Electric System Limited - PFP - Large (Pilot Savings)         50       Torontal Hydro-Electric System Limited - PFP - Large (Pilot Savings)								n/a	
38       EnWin Utilities Ltd Building Optimization Pilot         39       EnWin Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - Social Benchmarking Pilot         42       Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot         43       Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot         44       Kitchener-Wilmot Hydro Inc Direct Install Energy Efficiency Measures for the Agric         46       Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic         47       Oakville 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)         50       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)								n/a	
38       Erwin Utilities Ltd Building Optimization Pilot         39       Erwin Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - ECM Furnace Motor 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 Direct Install Energy Efficiency Measures for the Agric         45       Niagara-on-the-Lake Hydro Inc Direct Install - Rergy Efficiency Measures for the Agric         46       Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls         48       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>n/a        </td> <td></td>								n/a	
38       ErWin Utilities Ltd Building Optimization Pilot         39       ErWin Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - ECM Furnace Motor 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 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 - Hydronic         48       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         51       Adjustments to 2015 CFF Verified Results         52       Adjustments to 2016 CFF Verified Results         53       Adjustrements to 2017 CFF Verified Results								n/a	
38       Erwin Utilities Ltd Building Optimization Pilot         39       Erwin Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - ECM Furnace Motor 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 Direct Install Energy Efficiency Measures for the Agric         45       Niagara-on-the-Lake Hydro Inc Direct Install - Rergy Efficiency Measures for the Agric         46       Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls         48       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>n/a        </td> <td></td>								n/a	
38       ErWin Utilities Ltd Building Optimization Pilot         39       ErWin Utilities Corporation - ECM Furnace Motor Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - ECM Furnace Motor 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 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 - Hydronic         48       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         50       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)         51       Adjustments to 2015 CFF Verified Results         52       Adjustments to 2016 CFF Verified Results         53       Adjustrments to 2017 CFF Verified Results </td <td></td> <td>217 690 044</td> <td>216 114 100</td> <td>100 110 040</td> <td>166 522 457</td> <td>155 270 405</td> <td></td> <td>n/a    </td> <td></td>		217 690 044	216 114 100	100 110 040	166 522 457	155 270 405		n/a	
38       ErWin Utilities Ltd Building Optimization Pilot         39       ErWin Utilities Ltd Re-Invest Pilot         40       Horizon Utilities Corporation - ECM Furnace Motor Pilot         41       Horizon Utilities Corporation - Social Benchmarking Pilot         42       Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot         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 - Hydronic (Pilot Savings)         49       Toronto Hydro-Electric System Limited - Direct Install - RTU Controls         49       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)         50       Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)         51       Adjustments to 2015 CFF Verified Results         52       Adjustments to 2016 CFF Verified Results         53       Adjustments to 2018 CFF Verified Results         54       Adjustments to 2018 CFF Verified Results         55       Adjustments to 2018 CFF Verified Results         54       Ad	17,065,763	217,888,864	216,114,158	190,118,040	166,523,657	155,378,405	963,088,886	n/a	

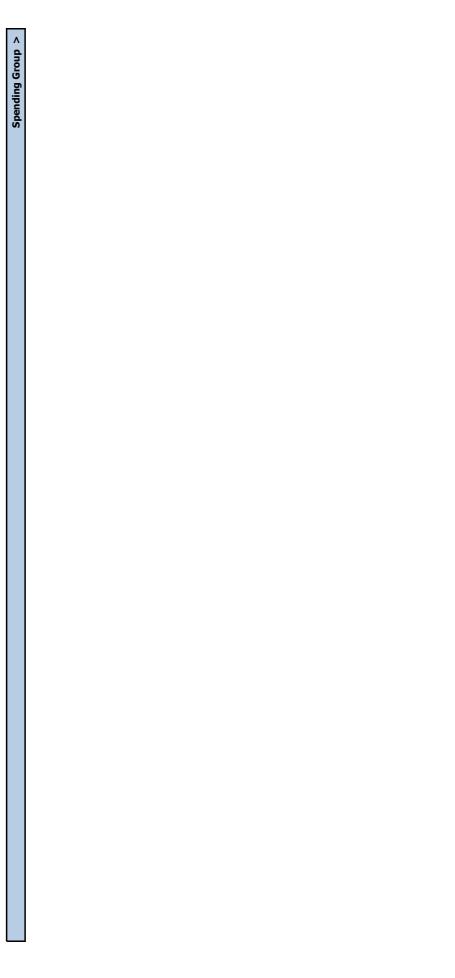


Province-Wide Progress	Administrative Expense Spending								
# Programs	CDM Plan Forecast (\$) Actual Verified (\$) Progress vs. CDM Plan							Progress vs. CDM Plan	
	2015	2016	2017	2018	2019	2020	Total	2015 2016 2019 2019 2019 7otal	Progress vs. CDM Plan (%) <u> </u>
2011-2014+2015 Extension Legacy Framework Programs	5	Ñ	5	Ñ	Ñ	ñ	Ĕ	- 55555 F	
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									
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative     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 Pliot 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	638,410	8,428,919	10,273,194	10,250,022	9,306,555	8,588,305	47,485,406	1,577,289 1,577,289	
23 Save on Energy Heating and Cooling Program 24 Save on Energy New Construction Program	420,606 255,177	5,847,820 1,551,259	5,545,394 1,496,832	4,852,144 1,498,192	4,933,782	4,844,901 1,378,703	26,444,647 7,566,322	466,132 466,133 16,829 16,829	
25 Save on Energy Home Assistance Program Sub-total - Residential Province-Wide Program	1,755,621 3,069,814	7,045,133 22,873,132	7,252,528 24,567,948	7,032,346 23,632,703	6,736,996 22,363,494	6,538,523 21,350,432	36,361,147 117,857,522	149,262 2,209,514 2,209,514 2,209,514	
	3,007,014	22,073,132	24,307,740	23,032,103	22,303,474	21,000,402	117,037,322		2/0
Business Province-Wide Program 26 Save on Energy Audit Funding Program	314,965	1,944,277	1,964,949	2,010,284	1,997,225	1,990,171	10,221,871	167,592 167,59	
27 Save on Energy Retrofit Program 28 Save on Energy Small Business Lighting Program	11,005,756 321,264	40,215,167 11,971,386	39,404,225 12,887,559	39,906,451 9,707,279	40,715,058 7,893,971	41,326,512 7,729,994	212,573,170 50,511,452	5,895,425 5,895,42	5 54% 3% 0 0% 0%
29 Save on Energy High Performance New Construction Program	366,994	2,907,933	3,019,009	3,061,203	3,395,615	3,070,797	15,821,551	148,817 148,817	
30 Save on Energy Existing Building Commissioning Program	25,314	302,183	299,453	305,492	309,810	300,636	1,542,889	0	0 0% 0%
31         Save on Energy Process & Systems Upgrades Program           32         Save on Energy Monitoring & Targeting Program	1,538,726	6,647,149 134,879	6,490,249 137,772	6,629,200 113,728	7,240,876 70,366	7,124,544 70,641	35,670,745 537,385	341,070 341,070 9,180 9,181	
33 Save on Energy Energy Manager Program Sub-total - Business Province-Wide Program	484,790 14,067,809	4,394,908 68,517,881	4,411,791 68,615,007	4,492,839 66,226,476	4,515,396 66,138,318	4,466,328 66,079,623	22,766,051 349,645,113		5 32% 1%
Local & Regional Program		20/017/001	20/01/0/00/	30,220,470	50,100,010	2010171023	017,010,110	0,710,71	2/0
34 Business Refrigeration Local Program	173,152	251,773	669,769 2,000,000	46,474	57,024	45,306 1,500,000	1,243,498	n/a	0 n/a 0% 0 n/a 0%
35 First Nation Conservation Local Program 36 Social Benchmarking Local Program	0 119,166	1,700,000 4,957,207	5,814,158	2,000,000 5,772,302	2,000,000 6,342,957	6,602,570	9,200,000 29,608,360	n/a	0 n/a 0%
Sub-total - Local & Regional Program	292,318	6,908,980	8,483,927	7,818,776	8,399,982	8,147,876	40,051,858	n/a	0 n/a 0%
Pilot Program 37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C		_						n/a	0
38 EnWin Utilities Ltd Building Optimization Pilot								n/a	
39         EnWin Utilities Ltd Re-Invest Pilot           40         Horizon Utilities Corporation - ECM Furnace Motor Pilot									
41 Horizon Utilities Corporation - Social Benchmarking Pilot								n/a	
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								n/a	0
45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric 46 Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic								n/a n/a	
47 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a	
48 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)     49 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)								1.0.0	
Toronio Hydro-Electric System Limited - Direct Instali - RTO Controls (Pilot Savings)     So Toronio Hydro-Electric System Limited - PFP - Large (Pilot Savings)     Sub-total - Pilot Program								n/a	
								ura in a	
Other 51 Adjustments to 2015 CFF Verified Results									
52 Adjustments to 2016 CFF Verified Results 53 Adjustments to 2017 CFF Verified Results								n/a n/a	
54 Adjustments to 2018 CFF Verified Results								n/a	
55 Adjustments to 2019 CFF Verified Results Sub-total - Other									
	17 420 044	00.000.000	101 444 004	07 477 05 4	06 001 700	05 577 000	507 FF 4 400		
Sub-total - 2015-2020 Conservation First Framework	17,429,941	98,299,992	101,666,881	97,677,956	96,901,793	95,577,930	507,554,493	8,928,433 8,928,433	
Total	17,429,941	98,299,992	101,666,881	97,677,956	96,901,793	95,577,930	507,554,493	8,928,433 8,928,433	3 51% 2%



rovince-Wide Progress	Total Spending												
Programs			C	CDM Plan Forecast	(\$)			Actual Verifi	ed (\$)	Progress vs.			Progress
			-			-				(%		Allocated Budget	Allocate
	2015	2016	2017	2018	2019	2020	Tota	2015 2016 2017 2018 2019	Total	2015 2016 2017 2018	2019 2020 Total	(\$)	(%)
11-2014+2015 Extension Legacy Framework Programs sidential Program													
Coupon Initiative													
Bi-Annual Retailer Event Initiative Appliance Retirement Initiative													
HVAC Incentives Initiative													
Residential New Construction and Major Renovation Initiative     b-total - Residential Program													
mmercial & Institutional Program Energy Audit Initiative													
Efficiency: Equipment Replacement Incentive Initiative													
Direct Install Lighting and Water Heating Initiative													
New Construction and Major Renovation Initiative Existing Building Commissioning Incentive Initiative													
b-total - Commercial & Institutional Program													
Justrial Program Process and Systems Upgrades Initiatives - Project Incentive Initiative									-				
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative													
Process and Systems Upgrades Initiatives - Energy Manager Initiative													
b-total - Industrial Program													
v Income Program Low Income Initiative													
b-total - Low-Income Program													
lot Program													
Social Benchmarking Pliot													
Conservation Fund Pilot - SEG													
Conservation Fund Pilot - EnerNOC b-total - Pilot Program													
her						-							
Aboriginal Conservation Program Program Enabled Savings													
Adjustments to 2015 Legacy Framework Verified Results													
b-total - Other													
sidential Province-Wide Program           Save on Energy Coupon Program           Save on Energy Heating and Cooling Program           Save on Energy New Construction Program           Save on Energy Home Assistance Program           Save on Energy Home Assistance Program           b-total - Residential Province-Wide Program	1,475,151 3,036,108 468,668 2,709,461 7,689,389	14,906,922 30,343,575 4,207,609 12,043,218 61,501,324	16,506,638 22,362,955 4,167,821 12,243,938 55,281,352	16,334,987 19,588,095 4,200,055 12,234,543 52,357,679	15,093,111 19,964,398 3,853,979 12,349,886 <b>51,261,375</b>	14,234,601 19,549,976 3,864,621 12,083,188 49,732,387	78,551,411 114,845,107 20,762,753 63,664,235 277,823,505	5,423,283 6,679,382 16,829 902,421 13,021,916	5,423,2 6,679,3 16,8 902,4 13,021,9	382         220%	7% 6% 0% 1% 5%		
	1,007,307	01,301,324	55,261,352	52,357,079	51,201,375	49,132,301	211,823,505	13,021,910	13,021,9	10 10976	376		
siness Province-Wide Program Save on Energy Audit Funding Program	468,323	3,487,030	3,580,648	3,623,691	3,554,978	3,421,706	18,136,376	174,012	174,0		1%		
Save on Energy Retrofit Program	20,416,067	134,562,105	131,877,128	113,384,910	112,133,828	112,032,783	624,406,822	8,557,844	8,557,8	42%	1%		
Save on Energy Small Business Lighting Program Save on Energy High Performance New Construction Program	466,956 474,323	31,200,612 11,283,971	34,660,648 11,473,298	28,105,025 11,451,676	23,077,122 12,286,014	22,703,429 11,303,543	140,213,792 58,272,824	0 148,817	148,8	0 0% 317 31%	0%		
Save on Energy Existing Building Commissioning Program	25,314	1,075,496	1,072,766	1,078,805	1,083,124	1,073,950	5,409,455	0		0 0%	0%		
Save on Energy Process & Systems Upgrades Program 2 Save on Energy Monitoring & Targeting Program	3,568,224	55,825,208 622,379	59,709,682 437,772	59,519,440 226,228	40,926,326 145,366	32,109,738 108,141	251,658,619 1,549,885	357,962 9,180	357,9		0% 1%		
Save on Energy Energy Manager Program b-total - Business Province-Wide Program	1,084,790 26,513,997	7,571,459	7,708,357	8,004,765	7,947,336	7,710,282	40,026,988	156,835 9,404,650	156,8		0%		
cal & Regional Program	20,313,997	243,020,201	230,320,299	223,374,340	201,134,094	170,403,372	1,137,074,762	7,404,030	9,404,6	3370	176		
Business Refrigeration Local Program First Nation Conservation Local Program	173,152	902,065	2,165,231	121,474	157,024	107,806	3,626,752	n/a		0 n/a	0%		
First Nation Conservation Local Program Social Benchmarking Local Program	0 119,166	3,200,000 4,957,207	4,000,000 5,814,158	4,000,000 5,922,302	4,000,000 6,852,957	3,000,000 7,652,570	18,200,000 31,318,360	n/a n/a		0 n/a 0 n/a			
b-total - Local & Regional Program	292,318	9,059,272	11,979,389	10,043,776	11,009,982	10,760,376	53,145,112	n/a		0 n/a			
t Program Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - C								n/a		0			
EnWin Utilities Ltd Building Optimization Pilot								n/a		0			
EnWin Utilities Ltd Re-Invest Pilot Horizon Utilities Corporation - ECM Furnace Motor Pilot								n/a n/a		0			
Horizon Utilities Corporation - Social Benchmarking Pilot								n/a		0			
Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pil Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot								n/a		0			
Kitchener-Wilmot Hydro Inc Pilot - DCKV								n/a n/a		0			
Niagara-on-the-Lake Hydro Inc Direct Install Energy Efficiency Measures for the Agric								n/a		0			
Oakville Hydro Electricity Distribution Inc Direct Install - Hydronic Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls								n/a n/a		0			
Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)								n/a		0			
Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings) Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)								n/a n/a		0			
b-total - Pilot Program								n/a		0			
her Adjustments to 2015 CFF Verified Results								n/a		0			
Adjustments to 2016 CFF Verified Results								n/a		0			
Adjustments to 2017 CFF Verified Results								n/a n/a		0			
Adjustments to 2018 CFF Verified Results									-	0			
Adjustments to 2018 CFF Verified Results Adjustments to 2019 CFF Verified Results								n/a					
Adjustments to 2018 CFF Verified Results  Adjustments to 2019 CFF Verified Results b-total - Other								n/a		0			
Adjustments to 2018 CFF Verified Results Adjustments to 2019 CFF Verified Results	34,495,704	316,188,856	317,781,039	287,795,996	263,425,450	250,956,335	1,470,643,380	n/a					

Final 2015 Annual Verified Results Report June 30, 2016



Province-Wide Progress # Programs	Total Resource Cost - Cost Effectiveness Test - Actual Verified       Benefits (\$)     Net Benefit (\$)       Net Benefit (\$)     Net Benefit (\$)       9 102     0 202     1 02     0 202     1 02     0 0202     1 02     0 0202     1 02 <th< th=""><th>Program Administrator Cost - Cost Effectiveness Test - Actual Verified           Benefits (\$)         Costs (\$)         Net Benefit (\$)         Net Benefit Ratio           \$102</th><th>Levelized Unit Energy Cost - Cost Effectiveness Test - Actual Verified           Levelized Costs (\$)         Energy Savings (kWh)         LUEC (\$/kWh)           102         501         8         102         501         8         102</th></th<>	Program Administrator Cost - Cost Effectiveness Test - Actual Verified           Benefits (\$)         Costs (\$)         Net Benefit (\$)         Net Benefit Ratio           \$102	Levelized Unit Energy Cost - Cost Effectiveness Test - Actual Verified           Levelized Costs (\$)         Energy Savings (kWh)         LUEC (\$/kWh)           102         501         8         102         501         8         102
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 <b>Sub-total - Residential Program</b>			Cost Effectiveness.
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			Let Energy Cost -
Industrial Program II Process and Systems Upgrades Initiatives - Project Incentive Initiative I2 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative I3 Process and Systems Upgrades Initiatives - Energy Manager Initiative Sub-total - Industrial Program Low Income Initiative I14 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         26 Save on Energy Home Assistance Program         Sub-total - Residential Province-Wide Program	n/a     0     n/a     0     n/a     0	n/a     0     n/a     0     n/a	n/a         0         n/a         0         n/a         0
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 Foregy Manager Program         33 Save on Energy Energy Manager Program         34 Sub-total - Business Province-Wide Program	n/a       0       n/a       0 <th< td=""><td>n/a       0       n/a       0       n/a       0       n/a       0         n/a       0       n/a       0<td>n/a     0     n/a     0     n/a     n/a       n/a     0     n/a     0     n/a     0       n/a     0     n/a     0     0     n/a       n/a     0     n/a     0     0</td></td></th<>	n/a       0       n/a       0       n/a       0       n/a       0         n/a       0       n/a       0 <td>n/a     0     n/a     0     n/a     n/a       n/a     0     n/a     0     n/a     0       n/a     0     n/a     0     0     n/a       n/a     0     n/a     0     0</td>	n/a     0     n/a     0     n/a     n/a       n/a     0     n/a     0     n/a     0       n/a     0     n/a     0     0     n/a       n/a     0     n/a     0     0
34       Business Refrigeration Local Program         35       First Nation Conservation Local Program         36       Social Benchmarking Local Program         Sub-total - Local & Regional Program	n/a     0     n/a     0     n/a     0	n/a     0     n/a     0     n/a       n/a     0     n/a     0     n/a       n/a     0     n/a     0     n/a       n/a     0     n/a     0       n/a     0     n/a     0       n/a     0     n/a     0       n/a     0     n/a     0	n/a     0     n/a     0
Pilot Program           37 Enersource Hydro Mississauga Inc Performance-Based Conservation Pilot Program - 0           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-Wilmol Hydro Inc Pilot - DCKV           45 Niagara-on-the-Lake Hydro Inc Direct Install Energy Effciency Measures for the Agric           46 Oakville Hydro Electricity Distribution Inc Direct Install - RTU Controls           48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls           49 Toronto Hydro-Electric System Limited - PEre Large (Pilot Savings)           50 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)           50 Torontal - Pilot Program	n/a       0       n/a       0 <td< td=""><td>n/a       0       n/a       0       <th< td=""><td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td></th<></td></td<>	n/a       0       n/a       0 <th< td=""><td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td></th<>	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
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         54       Adjustments to 2019 CFF Verified Results         55       Adjustments to 2019 CFF Verified Results         5ub-total - Other       Sub-total - Other         Total       Total	n/a       0       n/a       0       n/a       0       n/a       0	n/a       0       n/a       0       n/a       0       n/a       0	n/a       0       n/a       0       n/a       n/a         n/a       0       n/a       0       n/a       0



# Final 2015 Annual Verified Results Report IESO Value Added Services Costs (as of March 31, 2016)

# Reporting Level	Program	Unit of	Units (#)							Administrati	•					
		Measure			2017	2018	2019	2020		<b>2015</b> 291,904	2016	2017	2018	2019		
PowerStream Inc.	Save on Energy Coupon Program	Coupons	166,803	0	0	0	0	0	166,803	291,904	0	0	0	0	0	291,904
	Save on Energy Heating and Cooling Program	Applications	5,696	0	0	0	0	0	5,696	74,048	0	0	0	0	0	74,048
Total			172,499	0	0	0	0	0	172,499	365,952	0	0	0	0	0	365,952
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
	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



#### 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

ą	<sup>4</sup> Project Type	Equations
	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 * Het-Lo-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)
	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-0-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)
;	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

<ul> <li></li></ul>	#	Initiative	Attributing Savings to LDCs	Project List Date	Savings 'start' Date	Calculating Resource Savings	
Instruction         matter function         matter functio	1	saveONenergy Conservation Instant Coupon Booklet	results are allocated based on average of 2008 & 2009	March 31, 2016			
address of the second s	2			March 31, 2016		using the verified measure level per unit assumption	
Image: Control         Image:	3		stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly	March 31, 2016		account net-to-gross factors such as free-ridership and	
Image: Control         Match 1, 2014         Comparison data.         Comparison data.         Comparison data.           Image: Comparison data.         Additional page: Comparison data.         Additional page: Comparison data.         Rest-Additional	4			March 31, 2016			
Image: section	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.		
Image: biological states         Basics are directly attributed to LOC based on DC         Basics are directly attributed to LOC	6		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.	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 bulls were actually installed vs. what was reported) (gross). Net savings takes into account net-lo-gross factors such as free-ridership and	
Image: consistence of the system by solution in the system by solutin the system by solution in the system by solution in the	7		Identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage March 31, 2016 Savings are considered to begin in the year of the Submission" are included (excluding "Payment denied by ILDC"): Please see page for Building type to Sector by		Savings are considered to begin in the year of the actual project completion date in the ICON system.	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 EMAV protocols and reflect the savings that were actually realized (i.e. how many light builts 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,	
v       sex00emergy       Results are directly attributed to LDC based on the LDC       March 31, 2016       sexings are considered to begin in the yoar of the sexing state (i.e. tow) and sings of the sexing state (i.e. tow) and sexing state (			Additional Note: project counts were derived by filtering	out invalid statuses (e.g. Post-Project Submission - Paymer	nt denied by LDC) and only including projects with an "Actu	al Project Completion Date" in 2014)	
10       saveOhenergy New Construction and Major Renovation Incentive       Results are directly attributed to LDC based on LDC March 31, 2016       March 31, 2016       Peak demandand energy savings are determined by these savings align write EMAX protocols and reflect the savings fully write EMAX write are portand protocols and reflect the savings fully write EMAX write are portand protocols and reflect the savings fully write EMAX write are portand protocols and reflect the savings fully write exclually realized (to solve mark) write are portand protocols and reflect the savings fully write exclually realized (to bow mary fully installed write are portand protocols and reflect the savings fully write EMAX write are portand protocols and reflect the savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported account net (reported). Savings are considered to begin in the year in which the is specified the savings will begin with EMAX protocols and reflect the savings in the exclusily installed write the savings in the exclusive savings are determined by the total savings from a given project as reported (reported). A realization rate considered to begin in the year in which the is specified the savings will begin the year of the savings are considered to begin in the year in which the is specified the savings will begin the year of the savings are considered to begin in the year in which the is specified the savings will begin the year of the savings are considered to begin in the year in which the is specified the savings will begin the year of the savings will begin the year of the savings are considered to begin in th	9			March 31, 2016	Savings are considered to begin in the year of the actual	using the verified measure level per unit assumptions multiplied by the uptike of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually installed (s. what was reported) (gross). Net saving take into account net-to- gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level	
1       saveONenergy Existing Building Commissioning Incentive       mean application.       March 31, 2016       realized, with as report more many leight consistence of account net-to-gross factors such as free-ridership and spilloer (net).         12       saveONenergy Frocess & System Upgrades       Age ONenergy Frocess & System Upgrades       March 31, 2016       Bayong are considered to begin in the year in which the total savings are directly attributed to LDC based on LDC from age on the spilloer (net).       Pask demand and energy savings are determined by the total savings from a given project as reported (reported), reported particulation.         13       saveONenergy from spilloer (net).       march 31, 2016       Savings are considered to begin in the year in which the is spieled to the reported spilloer (net).       Pask demand and energy savings are determined by the total savings from a given project as reported (reported), reported spilloer (net).         13       saveONenergy fenergy Manager       March 31, 2016       Savings are considered to begin in the year in which the is specified the savings will begin the year of the cuarter ty Report submitted by the energy manager. If no di is specified the savings will begin the year of the cuarter ty Report submitted by the energy manager.       Pask demand and energy savings are detarbly installed vs. what are reported) (gross), tak saving are detarbly installed vs. what are reported) (gross), tak savings are detarbly installed vs. what are reported) (gross), tak savings are detarbly installed vs. what are reported) (gross), tak savings are detarbly installed vs. what are reported) (gross), tak savings are detarbly installed vs. what areported) (gross), tak savings are detarbly installed v	10	saveONenergy New Construction and Major Renovation Incentive		March 31, 2016	project compretion date.	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	
Image: Constraint of the services is system Upgrades       Performs is system upgrads       Performs is s	11	saveONenergy Existing Building Commissioning Incentive	identified in the application.	March 31, 2016		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	
13     SaveONenergy Montoring & Targeing     Results are directly attributed to LDC based on LDC     March 31, 2016     Indentify bigst, Vas Completed.     (reported) (reported) protoc     (reported) (reported) (reported) protoc     (reported) (reported) (reported) protoc     (reported) (	12	saveONenergy Process & System Upgrades		March 31, 2016	Savings are considered to begin in the year in which the	Peak demand and energy savings are determined by	
14       saveONenergy Energy Manager       identified in application.       March 31, 2016       Savings are considered to begin in the year in which the project was completed by the energy manager. If no dar splitoure (net).       realized (a.b. your many light yous), Net savings takes into accunt net-to-gross factors such as free-ridership and splitoure (net).         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 cuarterly Report submitted by the energy manager.       Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of the savings are considered to begin in the year in which the results are directly attributed to LDC based on LDC       March 31, 2016       Savings are considered to begin in the year in which the using the measure level per unit assumption multiplied by the uptake of the savings are observed to saving and splication.	13			March 31, 2016	incentive project was completed.	(reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V	
Memory Status         Results are directly attributed to LDC based on LDC         Memory Status         Savings are considered to begin in the year in which the uptake of acch measures were installed.         using the measure level per unit assumption multiplied by the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in which the uptake of acch measure (gross), taking into account in the year in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gross), taking into account in the uptake of acch measure (gr	14		lidentified in application.	March 31, 2016	project was completed by the energy manager. If no date is specified the savings will begin the year of the	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	
net-to-gross factors such as free-fidership and spillover	14	saveONenergy Home Assistance Program		March 31, 2016		using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account	
	15	Aboriginal Conservation Program		March 31, 2016			

#### 2015-2020 Conservation First Framework Prog

#	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.	
	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 wrifted participation will appeer 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.
	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.	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 bubs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
	Save on Energy Retrofit Program	Results are directly attributed to LDC based on LDC identified at the facility level in the saveOknergy 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 raported savings to ensure that these savings align with EMAV protocols and reflect the savings that were actually realized (i.e. how many light bubbs were actually installed vs. what was reported) (gross). Net savings takes into acount net-to-gross factors such as free- ridesrip 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 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).
	Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning	Results are directly attributed to LDC based on LDC identified in the application.	March 31, 2016 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.
10	Program 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
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.	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
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.	vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and
13	Busines 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 realise the savings that were actually realized (i.e. how many light bulks 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).
	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.



### Final 2015 Annual Verified Results Report 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%



		T
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%
Tot	al	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



## Final 2015 Annual Verified Results Report 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 perscentage 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.

EB-2017-0024 Alectra Utilities Corporation 2018 EDR Application Exhibit 3 Tab 1 Schedule 1 Filed: July 7, 2017

#### ATTACHMENT 31 – INCREMENTAL CAPITAL MODULE POWERSTREAM RZ

Ontario Energy Board **Capital Module** Applicable to ACM and ICM Note: Depending on the selections made below, certain worksheets in this workbook will be hidden. Version 3.01 PowerStream Inc. Utility Name Service Territory (if filing more than one model) York Region and Simcoe County Assigned EB Number Tom Barrett, Manager, Rates Applications Name of Contact and Title Phone Number 905-532-4640 tom.barrett@powerstream.ca Email Address Is this Capital Module being filed in a CoS or Rate Price-Cap IR 2018 Price-Cap IR Application? Year Indicate the Price-Cap IR Year (1, 2, 3, 4, etc) in which 1 PowerStream Inc. is applying: PowerStream Inc. is applying for: **ICM Approval** Last Rebasing Year: 2017 Indicate the most recent complete year in which 2016 billing and load data exists **Current IPI** 1.90% Ш Strech Factor Assigned to Middle Cohort Stretch Factor Value 0.30% 1.60% **Price Cap Index** Based on the inputs above, the growth factor utilized in the 2017 Board-Approved Distribution Revenues Materiality Threshold Calculation will be determined by: 2016 Actual Distribution Revenues Notes

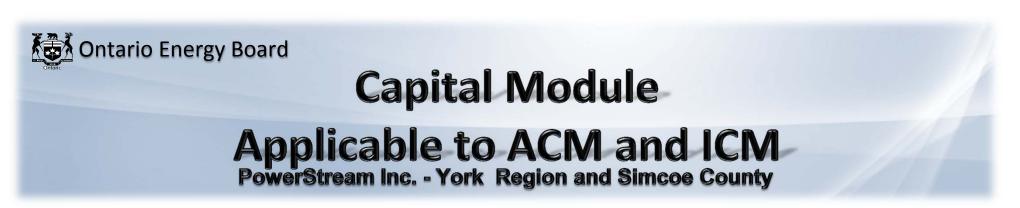
Pale green cells represent input cells.
Pale blue cells represent drop-down lists. The applicant should select the appropriate item from the drop-down list.
White cells contain fixed values, automatically generated values or formulae.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your ICM application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above. Ontario Energy Board

# Capital Module Applicable to ACM and ICM

PowerStream Inc. - York Region and Simcoe County

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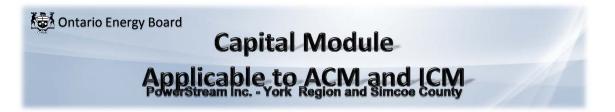
Select the appropriate rate classes as they appear on your most recent Board-Approved Tariff of Rates and Charges, excluding the MicroFit Class.

How many classes are on your most recent Board-Approved Tariff of Rates and Charges?

7

Select Your Rate Classes from the **Blue Cells** below. Please ensure that a rate class is assigned to **each shaded cell**.

# Rate Class Classification1RESIDENTIAL2GENERAL SERVICE LESS THAN 50 KW3GENERAL SERVICE 50 TO 4,999 KW4LARGE USE5UNMETERED SCATTERED LOAD6SENTINEL LIGHTING7STREET LIGHTING



Input the billing determinants and base distribution rates associated with PowerStream Inc.'s 2017 Board-Approved Distribution Revenues. Sheets 4 & 5 calculate the NUMERATOR portion of the growth factor calculation.

		2017 Board-Ap	proved Distribution	Revenues	2017 Board-/	Approved Distrib	ution Revenues
Rate Class	Units	Billed Customers or Connections	Billed kWh	Billed kW (if applicable)	Monthly Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW
RESIDENTIAL	\$/kWh	331,461	2,689,802,037		18.51	0.0130	0.0000
GENERAL SERVICE LESS THAN 50 KW	\$/kWh	32,775	1,031,991,524		28.74	0.0183	0.0000
GENERAL SERVICE 50 TO 4,999 KW	\$/kW	5,081	4,566,530,904	12,192,632	140.97	0.0000	4.2037
LARGE USE	\$/kW	2	75,964,677	149,679	6073.68	0.0000	2.2421
UNMETERED SCATTERED LOAD	\$/kWh	3,044	14,542,413		8.60	0.0195	0.0000
SENTINEL LIGHTING	\$/kW	207	377,900	975	4.19	0.0000	9.8694
STREET LIGHTING	\$/kW	89,729	45,603,291	127,503	1.19	0.0000	6.3222



#### Calculation of 2016 Revenue Requirement. No input required.

		2017 B	oard-Approved	Distribution Re	venues									
Rate Class	Billed Customers or Connections	Billed kWh	Billed kW (if applicable)	Monthly Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Service Charge Revenue	Distribution Volumetric Rate Revenue kWh	Distribution Volumetric Rate Revenue kW	Revenue Requirement from Rates	Service Charge % Revenue	Distribution Volumetric Rate % Revenue kWh	Distribution Volumetric Rate % Revenue kW	Total % Revenue
	Α	В	с	D	E	F	G = A * D *12	H = B * E	I = C * F	J = G + H + I	K = G / J	L = H / J	M = I / J	N = J / R
RESIDENTIAL	331,461	2,689,802,037		18.51	0.0130	0.0000	73,624,117	34,967,426	0	108,591,544	67.8%	32.2%	0.0%	53.8%
GENERAL SERVICE LESS THAN 50 KW	32,775	1,031,991,524		28.74	0.0183	0.0000	11,303,442	18,885,445	0	30,188,887	37.4%	62.6%	0.0%	15.0%
GENERAL SERVICE 50 TO 4,999 KW	5,081	4,566,530,904	12,192,632	140.97	0.0000	4.2037	8,595,223	0	51,254,165	59,849,388	14.4%	0.0%	85.6%	29.7%
LARGE USE	2	75,964,677	149,679	6,073.68	0.0000	2.2421	145,768	0	335,595	481,364	30.3%	0.0%	69.7%	0.2%
UNMETERED SCATTERED LOAD	3,044	14,542,413		8.60	0.0195	0.0000	314,141	283,577	0	597,718	52.6%	47.4%	0.0%	0.3%
SENTINEL LIGHTING	207	377,900	975	4.19	0.0000	9.8694	10,408	0	9,621	20,029	52.0%	0.0%	48.0%	0.0%
STREET LIGHTING	89,729	45,603,291	127,503	1.19	0.0000	6.3222	1,281,330	0	806,099	2,087,429	61.4%	0.0%	38.6%	1.0%
Total	462,299	8,424,812,745	12,470,788				95,274,429	54,136,448	52,405,480	201,816,357				100.0%

# Capital Module Applicable to ACM and ICM

Applicants Rate Base		2017 Boar	d-A	oprov	ed Distributio	n Revenues
Average Net Fixed Assets Gross Fixed Asset - Re-based Opening Add: CWIP Re-based Opening Re-based Capital Additions Re-based Capital Disposals Re-based Capital Retirements Deduct: CWIP Re-based Closing Gross Fixed Assets - Re-based Closing	\$ \$ \$ \$ \$ \$	1,183,508,943 57,486,862 114,494,289 2,734,108 39,959,632 1,312,796,354	B C D E F			
Average Gross Fixed Assets				\$	1,248,152,649	H = ( A + G ) / 2
Accumulated Depreciation - Re-based Opening Re-based Depreciation Expense Re-based Disposals Re-based Retirements Accumulated Depreciation - Re-based Closing	\$ \$ \$ -\$ \$ \$	229,378,962 52,272,173 717,703 - 280,933,432	J K L			
Average Accumulated Depreciation	φ	200,933,432	IVI	\$	255,156,197	N = (I + M) / 2
Average Net Fixed Assets				\$	992,996,452	O = H - N
Working Capital Allowance Working Capital Allowance Base Working Capital Allowance Rate Working Capital Allowance	\$	1,197,449,515 7.5%	P Q	\$	89,808,714	R = P * Q
Rate Base			-	\$	1,082,805,165	S = O + R
Return on Rate Base Deemed ShortTerm Debt % Deemed Long Term Debt % Deemed Equity %		4.00% 56.00% 40.00%	U	\$ \$ \$	43,312,207 606,370,893 433,122,066	W = S * T X = S * U Y = S * V
Short Term Interest Long Term Interest Return on Equity Return on Rate Base		1.76% 3.88% 8.78%	Z AA AB		762,295 23,542,374 38,028,117 <b>62,332,786</b>	AC = W * Z AD = X * AA AE = Y * AB AF = AC + AD + AE
Distribution Expenses						
OM&A Expenses Amortization Ontario Capital Tax	\$	96,167,243 50,974,104				
Grossed Up PILs Low Voltage	\$	2,745,639	AJ AK			
Transformer Allowance	\$	2,236,782	AL AM AN AO			
Devenue Officiale				\$	152,123,768	AP = SUM ( AG : AO )
Revenue Offsets Specific Service Charges Late Payment Charges Other Distribution Income Other Income and Deductions	-\$ -\$ -\$	3,474,784 2,076,532 2,025,296 5,141,699	AR AS	\$	12,718,312	AU = SUM ( AQ : AT )
Revenue Requirement from Distribution Rates			-	\$	201,738,243	AV = AF + AP + AU
Rate Classes Revenue Rate Classes Revenue - Total (Sheet 5)				\$	201,816,357	AW

Capital Module

#### Applicable to ACM and ICM PowerStream Inc. - York Region and Simcoe County

#### Input the billing determinants associated with PowerStream Inc.'s 2016 Actual Distribution Revenues. This sheet calculates the DENOMINATOR portion of the growth factor calculation. Pseudo Revenue Requirement Calculation.

	2016 Act	ual Distribution R	evenues		2016 Base Rates									
Rate Class	Billed Customers or Connections A	Billed kWh B	Billed kW C	Monthly Service Charge D	Distribution Volumetric Rate kWh E	Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Total Revenue By Rate Class J = G + H + I	Service Charge % Revenue K = G / J <sub>intal</sub>	Distribution Volumetric Rate % Revenue kWh L = H / J <sub>total</sub>	Distribution Volumetric Rate % Revenue kW M = I / J <sub>total</sub>	Total % Revenue N = J / J <sub>total</sub>
RESIDENTIAL	325,741	2,777,974,550		18.51	0.0130	0.0000	72,353,591	36,113,669	0	108,467,260	36.1%	18.0%	0.0%	54.2%
GENERAL SERVICE LESS THAN 50 KW	32,395	1,041,512,339		28.74	0.0183	0.0000	11,172,388	19,059,676	0	30,232,063	5.6%	9.5%	0.0%	15.1%
GENERAL SERVICE 50 TO 4,999 KW	4,969	4,592,208,771	11,856,847	140.97	0.0000	4.2037	8,405,759	0	49,842,628	58,248,387	4.2%	0.0%	24.9%	29.1%
LARGE USE	2	67,387,072	130,430	6,073.68	0.0000	2.2421	145,768	0	292,437	438,205	0.1%	0.0%	0.1%	0.2%
UNMETERED SCATTERED LOAD	2,945	13,692,255		8.60	0.0195	0.0000	303,924	266,999	0	570,923	0.2%	0.1%	0.0%	0.3%
SENTINEL LIGHTING	195	314,360	859	4.19	0.0000	9.8694	9,805	0	8,478	18,282	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING	88,914	52,642,446	146,080	1.19	0.0000	6.3222	1,269,692	0	923,547	2,193,239	0.6%	0.0%	0.5%	1.1%
Total	455,161	8,545,731,793	12,134,216				93,660,927	55,440,344	51,067,090	200,168,360				100.0%



#### Current Revenue from Rates

This sheet is used to determine the applicant's most current allocation of revenues (after the most recent revenue to cost ratio adjustment, if applicable) to appropriately allocate the incremental revenue requirement to the classes.

Most Recent Board-Approved Base Rates 2017 Board-Approved Distribution Revenues

Rate Class	Monthly Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Current Base Service Charge Revenue	Current Base Distribution Volumetric Rate kWh Revenue	Current Base Distribution Volumetric Rate kW Revenue	Total Current Base Revenue	Service Charge % Total Revenue	Distribution Volumetric Rate % Total Revenue	Distribution Volumetric Rate % Total Revenue	Total % Revenue
	Α	В	с	D	E	F	G = A * D *12	H = B * E	I = C * F	J = G + H + I	$L = G / J_{total}$	M = H / J <sub>total</sub>	N = I / J <sub>total</sub>	$O = J / J_{total}$
RESIDENTIAL	18.51	0.0130	0.0000	331,461	2,689,802,037		73,624,117	34,967,426	0	108,591,544	36.48%	17.33%	0.00%	53.8%
GENERAL SERVICE LESS THAN 50 KW	28.74	0.0183	0.0000	32,775	1,031,991,524		11,303,442	18,885,445	0	30,188,887	5.60%	9.36%	0.00%	15.0%
GENERAL SERVICE 50 TO 4,999 KW	140.97	0.0000	4.2037	5,081	4,566,530,904	12,192,632	8,595,223	0	51,254,165	59,849,388	4.26%	0.00%	25.40%	29.7%
LARGE USE	6073.68	0.0000	2.2421	2	75,964,677	149,679	145,768	0	335,595	481,364	0.07%	0.00%	0.17%	0.2%
UNMETERED SCATTERED LOAD	8.60	0.0195	0.0000	3,044	14,542,413		314,141	283,577	0	597,718	0.16%	0.14%	0.00%	0.3%
SENTINEL LIGHTING	4.19	0.0000	9.8694	207	377,900	975	10,408	0	9,621	20,029	0.01%	0.00%	0.00%	0.0%
STREET LIGHTING	1.19	0.0000	6.3222	89,729	45,603,291	127,503	1,281,330	0	806,099	2,087,429	0.63%	0.00%	0.40%	1.0%
Total							95,274,429	54,136,448	52,405,480	201,816,357				100.0%



# **Capital Module**

# **Applicable to ACM and ICM**

PowerStream Inc. - York Region and Simcoe County

#### No Input Required.

#### **Final Threshold Calculation**

Thresho	old Value (%) = $1 + \left[ \left( \frac{RB}{d} \right) \times (g + PCI \times (1 + g)) \right]$	)   × ((1 +	$(1 + PCI)^{n-1} + 2$	10%
	Year	-	2018	
	Year in which Applicant is applying		1	n
	Price Cap Index Growth Factor Calculation		1.60%	PCI
	2017 Board-Approved Distribution Revenues		\$201,816,357	
	2016 Actual Distribution Revenues		\$200,168,360	
	Growth Factor		0.82%	g (Note 1)
	Dead Band		10%	
	Average Net Fixed Assets			
	Gross Fixed Assets Opening	\$	1,183,508,943	
	Add: CWIP Opening	\$	57,486,862	
	Capital Additions	\$	114,494,289	
	Capital Disposals	-\$	2,734,108	
	Capital Retirements	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	
	Deduct: CWIP Closing	-\$	39,959,632	
	Gross Fixed Assets - Closing	\$	1,312,796,354	
	Average Gross Fixed Assets	\$	1,248,152,649	
	Assumed at a Desperatoria Consistent	۴	000 070 000	
	Accumulated Depreciation - Opening	\$	229,378,962	
	Depreciation Expense	\$	52,272,173	
	Disposals	-\$ \$	717,703	
	Retirements	\$	-	
	Accumulated Depreciation - Closing	\$	280,933,432	
	Average Accumulated Depreciation	\$	255,156,197	
	Average Net Fixed Assets	\$	992,996,452	
	Warking Capital Allowance			
	Working Capital Allowance	¢	4 407 440 545	
	Working Capital Allowance Base	\$	1,197,449,515	
	Working Capital Allowance Rate	¢	8%	
	Working Capital Allowance	\$	89,808,714	
	Rate Base	\$	1,082,805,165	RB
	Depreciation	\$	52,272,173	d
	Threshold Value (varies by Price Cap IR Year	r su <u>bs</u> eq	uent to CoS rebasing)	)
	Price Cap IR Year 2018		160%	
	Price Cap IR Year 2019		162%	
	Price Cap IR Year 2020		163%	
	Price Cap IR Year 2021		164%	
	Threshold CAPEX	. <u> </u>		Threshold Value $ imesd$
	Price Cap IR Year 2018	\$	83,881,705	
	Price Cap IR Year 2019	\$	84,524,505	
	Price Cap IR Year 2020	\$	85,182,966	
	Price Cap IR Year 2021	\$	85,857,470	

**Note 1:** The growth factor g is annualized, depending on the number of years between the numerator and denominator for the calculation. Typically, for ACM review in a cost of service and in the fourth year of Price Cap IR, the ratio is divided by 2 to annualize it. No division is normally required for the first three years under Price Cap IR.

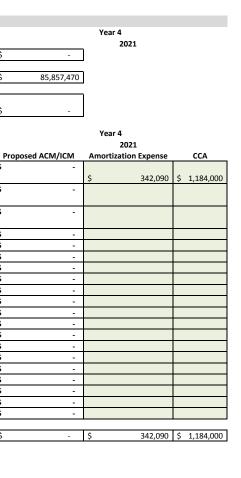
Ontario Energy Board

# **Capital Module**

Applicable to ACM and ICM PowerStream Inc. - York Region and Simcoe County

Identify ALL Proposed ACM projects and related CAPEX costs in the relevant years

		Cost of Service		Price Cap II	?						
		Test Year	Year 1	Year 2	Year 3	Year 4					
Distribution System Plan CAPEX		2017	<b>2018</b> \$ 109,773,500	2019	2020	2021	]				
Materiality Threshold			\$ 83,881,705	\$ 84,524,505 \$	85,182,966	85,857,470	]				
Maximum Eligible Incremental Capital (Forecasted Capex less							]				
Threshold)		\$-	\$ 25,891,795	\$ - \$		-	J				
Project Descriptions:	Туре	Test Year 2017	Year 1 2018	Year 2 2019	Year 3 2020	Year 4 2021	Total				
Rebuild 27.6 kV Pole Line on Warden Ave	New ICM		\$ 1,372,976				\$ 1,372,976				
Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave	New ICM		\$ 1,202,306				\$ 1,202,306				
Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS	New ICM		\$ 1,276,180				\$ 1,276,180				
Mill Street MS835 Transformer Upgrade - Tottenham	New ICM		\$ 1,298,572				\$ 1,298,572 \$ 1,186,729				
Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323	New ICM New ICM		\$ 1,186,729 \$ 1,394,991				\$ 1,186,729 \$ 1,394,991				
YRRT VIVA BRT	New ICM		\$ 11,243,530				\$ 11,243,530				
Rear Lot Supply Remediation - Royal Orchard - North	New ICM	_	\$ 1,681,034				\$ 1,681,034				
Cable Replacement - Steeles Ave and New Westminister Cable Replacement - Steeles Ave and Fairway Heights Drive	New ICM New ICM	_	\$ 2,637,046 \$ 1,842,953				\$ 2,637,046 \$ 1,842,953				
Cable Replacement - Steeles Ave and Fairway freights brive			÷ 1,0+2,555				\$ -				
							\$ -				
							\$ - \$ -				
							\$ -				
							\$ -				
							\$ - \$ -				
							\$ -				
							\$-				
Total Cost of ACM Projects		\$ -	\$ 25,136,316	\$ - \$	- \$	-	\$ 25,136,316				
Maximum Allowed Incremental Capital		<b></b>	\$ 25,136,316	\$ - \$	- 4	-	\$ 25,136,316				
				·							
		Test Year		Year 1			Year 2	Price Cap IR	Year 3		
Distribution System Plan CAPEX		<b>Test Year</b> <b>2017</b>	\$ 109.773.500	Year 1 2018		; -	Year 2 2019	Price Cap IR	Year 3 2020		Ś
Distribution System Plan CAPEX		2017	, .,		<u></u>			\$	- 2020		
Distribution System Plan CAPEX Materiality Threshold		2017	\$ 109,773,500 \$ 83,881,705		[ [ [ -	; - 5 84,524,505		\$	2020		
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less		2017 \$ -	\$ 83,881,705		<u> </u>			\$	- 2020		\$
Materiality Threshold		2017 \$ -		2018	<u>ی</u> ج		2019 ] ]	\$	2020 		
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less		2017 \$ -	\$ 83,881,705		2 2 2			\$	- 2020		\$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) <u>Project Descriptions:</u>	Туре	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM	2018 Year 1	ی ی درم	5 84,524,505 5 - Proposed ACM/ICM	2019 ] ] Year 2 2019	\$ \$ CCA Proposed	2020 	2 CCA	\$ \$ Pro
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold)	Type New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795	2018 Year 1 2018 Amortization Expense	CCA	5 84,524,505 5 - Proposed ACM/ICM	2019 ] ] Year 2 2019	\$	2020 - 85,182,966 - Year 3 2020	2 CCA	\$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and		2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM	2018 Year 1 2018 Amortization Expense \$ 32,922 \$	CCA 5	5 84,524,505 5 - Proposed ACM/ICM	2019 ] ] Year 2 2019	\$ \$ CCA Proposed	2020 - 85,182,966 - Year 3 2020 ACM/ICM Amortization Expens	2 CCA	\$ \$ Pro
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little	New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$	CCA 5 96,184 5 5	84,524,505	2019 ] ] Year 2 2019	\$ \$ CCA Proposed	2020 - 85,182,966 - Year 3 2020 ACM/ICM Amortization Expens	2 CCA	\$ \$ Pro \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS	New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 30,940 \$	CCA \$ 109,838 \$ 96,184 \$ 102,094 \$	84,524,505	2019 ] ] Year 2 2019	\$           \$           \$           CCA         Proposed           \$           \$           \$           \$	2020 - 85,182,966 - Year 3 2020 ACM/ICM Amortization Expens	2 CCA	\$ \$ <b>Pro</b> \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little	New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$	CCA \$ 109,838 \$ 96,184 \$ 102,094 103,886 \$ \$	5 84,524,505 5 - Proposed ACM/ICM - - -	2019 ] ] Year 2 2019	\$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$           \$	2020	2 CCA	\$ \$ Pro \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323	New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 28,103 \$ \$ 30,954 \$ \$ 34,110 \$ \$ 39,558 \$ \$ 46,500 \$	CCA \$	Proposed ACM/ICM	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ Pro \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT	New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 11,243,530	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 28,103 \$ \$ 30,940 \$ \$ 34,110 \$ \$ 34,110 \$ \$ 39,558 \$ \$ 34,6500 \$ \$ 26,271 \$	CCA \$	Proposed ACM/ICM	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ Pro \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement & Richmond Hill TS Station Switchgear Replacement & Richmond Hill TS Station Switchgear Replacement & North Rear Lot Supply Remediation - Royal Orchard - North	New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 1,243,530 \$ 1,243,530 \$ 1,681,034	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505           Proposed ACM/ICM           - <t< th=""><th>2019 ] ] Year 2 2019</th><th>\$           \$</th><th>2020</th><th>2 CCA</th><th>\$ Pro \$ \$ \$ \$ \$ \$ \$ \$</th></t<>	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ Pro \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT	New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 11,243,530	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 28,103 \$ \$ 30,940 \$ \$ 34,110 \$ \$ 34,110 \$ \$ 39,558 \$ \$ 34,6500 \$ \$ 26,271 \$	CCA \$ CCA \$ 96,184 \$ 96,184 \$ 102,094 \$ 103,886 \$ 94,938 \$ 94,938 \$ 111,599 \$ 899,482 \$ 134,483 \$ 210,964 \$	Proposed ACM/ICM	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ Pro \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 11,243,530 \$ 1,581,034 \$ 2,637,046	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 \$ 25,891,795 \$ 1,372,976 \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,228,572 \$ 1,186,729 \$ 1,284,572 \$ 1,186,729 \$ 1,243,530 \$ 1,681,034 \$ 2,637,046 \$ 1,842,953 \$ - \$ -	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505	2019 ] ] Year 2 2019	\$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$           \$         \$	2020	2 CCA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 11,243,530 \$ 1,581,034 \$ 2,637,046	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505           Proposed ACM/ICM           - <t< th=""><th>2019 ] ] Year 2 2019</th><th>\$           \$</th><th>2020</th><th>2 CCA</th><th>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</th></t<>	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705 \$ 25,891,795 Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,202,306 \$ 1,276,180 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 11,243,530 \$ 1,681,034 \$ 2,637,046 \$ 1,842,953 \$ - \$ - \$ -	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505           Proposed ACM/ICM           - <t< th=""><th>2019 ] ] Year 2 2019</th><th>S         S         S         S         CCA         Proposed         S</th><th>2020 </th><th>2 CCA</th><th>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</th></t<>	2019 ] ] Year 2 2019	S         S         S         S         CCA         Proposed         S	2020	2 CCA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23021 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705  \$ 25,891,795  Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,276,180 \$ 1,228,572 \$ 1,186,729 \$ 1,394,991 \$ 1,243,530 \$ 1,681,034 \$ 1,842,953 \$ 1,842,953 \$ \$ - \$ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705  \$ 25,891,795  Proposed ACM/ICM  \$ 1,372,976  \$ 1,202,306  \$ 1,276,180  \$ 1,226,180  \$ 1,226,180  \$ 1,243,530  \$ 1,681,034  \$ 2,637,046  \$ 1,842,953  \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$ CCA \$ 109,838 96,184 96,184 102,094 103,886 94,938 94,938 111,599 899,482 134,483 210,964 5 147,436 \$ 147,436 \$ \$ \$ \$ \$ \$ \$ \$ \$	84,524,505 Proposed ACM/ICM </th <th>2019 ] ] Year 2 2019</th> <th>\$           \$</th> <th>2020</th> <th>2 CCA</th> <th>\$ <b>Pro</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b></th>	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ <b>Pro</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b>
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705  \$ 25,891,795  Proposed ACM/ICM \$ 1,372,976 \$ 1,202,306 \$ 1,276,180 \$ 1,276,180 \$ 1,226,180 \$ 1,243,530 \$ 1,861,034 \$ 2,637,046 \$ 1,842,953 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$	84,524,505 Proposed ACM/ICM </th <th>2019 ] ] Year 2 2019</th> <th>\$           \$</th> <th>2020</th> <th>2 CCA</th> <th>\$ Pro \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</th>	2019 ] ] Year 2 2019	\$           \$	2020	2 CCA	\$ Pro \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705  \$ 25,891,795  Proposed ACM/ICM  \$ 1,372,976  \$ 1,202,306  \$ 1,276,180  \$ 1,298,572 \$ 1,186,729 \$ 1,298,572 \$ 1,186,729 \$ 1,394,991 \$ 11,243,530 \$ 1,842,953 \$ 1,842,953 \$ \$ 1,842,953 \$ \$ - \$ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	2018 Year 1 2018 Amortization Expense \$ 32,922 \$ \$ 28,103 \$ \$ 32,922 \$ \$ 32,9	CCA \$ CCA \$ 109,838 96,184 96,184 102,094 103,886 94,938 94,938 111,599 899,482 134,483 210,964 \$ 147,436 \$ 147,436 \$ \$ \$ \$ \$ \$ \$ \$ \$	84,524,505         Proposed ACM/ICM         -	2019 ] ] Year 2 2019	\$           \$	2020  85,182,966 Year 3 2020  ACM/ICM Amortization Expens Amortization Expens	CCA     CCA     CCA	\$ Prc \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Materiality Threshold Maximum Eligible Incremental Capital (Forecasted Capex less Threshold) Project Descriptions: Rebuild 27.6 kV Pole Line on Warden Ave Double Circuit 27.6kV Pole Line on 19th Ave between Leslie St and Bayview Ave Double Circuit 23M21 Circuit from Bayfield St & Livingstone St to Little Lake MS Mill Street MS835 Transformer Upgrade - Tottenham Planned Circuit Breaker Replacement - Richmond Hill TS Station Switchgear Replacement 8th Line MS323 YRRT VIVA BRT Rear Lot Supply Remediation - Royal Orchard - North Cable Replacement - Steeles Ave and New Westminister	New ICM New ICM New ICM New ICM New ICM New ICM New ICM New ICM	2017 \$ - \$ - Test Year	\$ 83,881,705  \$ 25,891,795  Proposed ACM/ICM  \$ 1,372,976  \$ 1,202,30  \$ 1,202,306  \$ 1,202,306  \$ 1,202,306  \$ 1,202,306  \$ 1,202,306  \$ 1,202,306  \$ 1,202,306  \$ 1,202,306  \$ 1,202,30  \$ 1,	Year 1           2018           Amortization Expense           \$ 32,922           \$ 28,103           \$ 28,103           \$ 30,940           \$ 30,940           \$ 30,940           \$ 34,110           \$ 36,500           \$ 266,271           \$ 36,500           \$ 36,500           \$ 36,500           \$ 36,500           \$ 58,601           \$ 58,601           \$ 58,601           \$ 58,601           \$ 00,955	CCA \$ 109,838 96,184 102,094 103,886 94,938 94,938 111,599 899,482 134,483 210,964 147,436 \$ 147,436 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	84,524,505         Proposed ACM/ICM         -	2019 Year 2 2019 Amortization Expense	\$           \$		CCA     CCA     CCA	Prc \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$



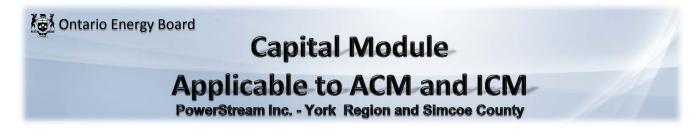
Ontario Energy Board

# **Capital Module**

Applicable to ACM and ICM PowerStream Inc. - York Region and Simcoe County

#### **Incremental Capital Adjustment**

Current Revenue Requirement					
Current Revenue Requirement - Total			\$	201,738,243	Α
Return on Rate Base					
Incremental Capital			\$	25,136,316	В
Depreciation Expense			\$ \$	615,688	С
Incremental Capital to be included in Rate Base			\$	24,520,628	D = B - C
Deemed ShortTerm Debt %	4.0%	Е	\$	980,825	G = D * E
Deemed Long Term Debt %	56.0%	F	\$	13,731,552	H = D * F
Short Term Interest	1.76%	Т	\$	17,263	K = G * I
Long Term Interest	3.88%	J	\$	533,128	L = H * J
Return on Rate Base - Interest			\$	550,391	M = K + L
Deemed Equity %	40.00%	N	\$	9,808,251	P = D * N
Return on Rate Base -Equity	8.78%	ο	\$	861,164	Q = P * O
Return on Rate Base - Total			\$	1,411,555	R = M + Q
Grossed up PIL's					
		_	•		_
Regulatory Taxable Income		0	\$	861,164	т
Add Back Amortization Expense		S	\$	615,688	U
Deduct CCA			\$	2,010,905	V
Incremental Taxable Income			-\$	534,053	W = T + U - V
Current Tax Rate	26.5%	x			
PIL's Before Gross Up			-\$	141,524	Y = W * X
Incremental Grossed Up PIL's			-\$	192,550	Z = Y / (1 - X)
Incremental Revenue Requirement					
Return on Rate Base - Total		Q	\$	1,411,555	AA
Amortization Expense - Total		S Z	\$	615,688	AB
Incremental Grossed Up PIL's		Z	-\$	192,550	AC
Incremental Revenue Requirement			\$	1,834,693	AD = AA + AB + /
			Ψ	1,034,033	



#### Calculation of incremental rate rider. Choose one of the 3 options:

💽 Fixed and Variable Rate Riders 🛛 🖸 Variable Only Rate Rider 🖉 Fixed Only Rate Rider

	Service Charge %	Distribution Volumetric	Distribution Volumetric Rate %	Service Charge	Distribution Volumetric D	istribution Volumetric Rate	Total Revenue	Billed Customers or			Service Charge	Distribution Volumetric	Distribution Volumetric
Rate Class	Revenue	Rate % Revenue kWh	Revenue kW	Revenue	Rate Revenue kWh	Revenue kW	by Rate Class	Connections	Billed kWh	Billed kW	Rate Rider	Rate kWh Rate Rider	Rate kW Rate Rider
	From Sheet 8	From Sheet 8	From Sheet 8	Col C * Col I <sub>total</sub>	Col D* Col I <sub>total</sub>	Col E* Col I <sub>total</sub>		From Sheet 4	From Sheet 4	From Sheet 4	Col F / Col K / 12	Col G / Col L	Col H / Col M
RESIDENTIAL	36.48%	17.33%	0.00%	669,310	317,885	0	987,195	331,461	2,689,802,037		0.25	0.0000	0.0000
GENERAL SERVICE LESS THAN 50 KW	5.60%	9.36%	0.00%	102,758	171,686	0	274,444	32,775	1,031,991,524		0.26	0.0002	0.0000
GENERAL SERVICE 50 TO 4,999 KW	4.26%	0.00%	25.40%	78,138	0	465,947	544,085	5,081	4,566,530,904	12,192,632	1.28	0.0000	0.0382
LARGE USE	0.07%	0.00%	0.17%	1,325	0	3,051	4,376	2	75,964,677	149,679	55.22	0.0000	0.0204
UNMETERED SCATTERED LOAD	0.16%	0.14%	0.00%	2,856	2,578	0	5,434	3,044	14,542,413		0.08	0.0002	0.0000
SENTINEL LIGHTING	0.01%	0.00%	0.00%	95	0	87	182	207	377,900	975	0.04	0.0000	0.0897
STREET LIGHTING	0.63%	0.00%	0.40%	11,648	0	7,328	18,977	89,729	45,603,291	127,503	0.01	0.0000	0.0575
Total	47.21%	26.82%	25.97%	866,131	492,149	476,413	1,834,693	462,299	8,424,812,745	12,470,788			

EB-2017-0024 Alectra Utilities Corporation 2018 EDR Application Exhibit 3 Tab 1 Schedule 1 Filed: July 7, 2017

#### ATTACHMENT 32 – 2016 ROE (RRR 2.1.5.6) POWERSTREAM RZ

Regulated	Return o	n Equity	(ROE)	- Summary	1

egul	lated	l Return	on E	quity	(ROE	) - Summary	Y
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Regulated Return on Equity (ROE) - Summary		Regulated Re	turn on	Equity (ROE) - Sum	mary			
Regulated Rate of Return on Deemed Equity (ROE) A distributor shall report, in the form and manner determined by the OEB, the Regulated Return on Equity (ROE) earned in the reporting year.								
The reported ROE is to be calculated on the same basis as was used in the distributor's last Cost of Service (CoS).								
Inputs by Distributor: The sign of the input cells are to be a items are to be entered as positive numbers. Please read the	aligned with the sig e RRR Filing Guid	gn of the accounts report le for the detailed guidant	rted in RRR nce on the i	2.1.7. Generally, revenue/gain nputs of the form and appender	n items are to be e ices.	entered as negative numbers and expense/loss		
Information from the distributor's last CoS Decision and Ord Industry Relations Enquiry if you have any questions.	er and the succes	sfully submitted RRR 2.	1.7 trial bala	ance have been pre-populated	I in this form. Pleas	se review each input for accuracy and contact		
Legend								
Calculated cell Auto-populated/linked cell Input cell								
The CoS Decision and Order EB number for the ROE		EB-2012-0161	xx	Data source: CoS Decision and Order (las	t CoS establishing	the current reporting year's base rates)		
Accounting standard used in CoS Decision and Order		MIFRS	уу	CoS Decision and Order				
Regulated net income								
Regulated net income (loss), as per RRR 2.1.7		\$34,173,434.20	а	RRR 2.1.7 - USoA 3046 * (- 1)				
Adjustment items: Non-rate regulated items and other adjustments (Appendix 1) Unrealized (gains)/losses on interest rate swaps (Not applicable if recorded in Other Comprehensive Income)	1	-\$478,301.00	b c	Appendix 1 cell (aq)	Please provide l			
Actuarial (gains)/losses on OPEB and/or Pensions not approved by the OEB			d		Please provide I	JSOAS		
Non-recoverable donations (Appendix 2) Net interest/carrying charges from DVAs (Appendix 3) Interest adjustment for deemed debt (Appendix 4)		\$0.00 \$92,730.37 -\$412,024.80	e f g	Appendix 2 cell (be) Appendix 3 cell (cc) Appendix 4 cell (dg)				
Adjusted regulated net income before tax adjustments		\$33,375,838.76	h=a+b+c+	+d+e+f+g				
Add back: Future/deferred taxes expense Current income tax expense (Does not include future income tax)		\$0.00	i j	RRR 2.1.7 - USoA 6115 RRR 2.1.7 - USoA 6110				
Deduct: Current income tax expense for regulated ROE purposes (Ap	pendix 6)	-\$6,653,134.43	k	Appendix 6 cell (fq)				
Adjusted regulated net income		\$33,587,201.55	l=h+i+j-k					
Deemed Equity Rate base:								
Cost of power Operating expenses before any applicable adjustments		\$1,127,362,377.42	m n1	RRR 2.1.7 - Sum of USoA 4705 - 4751 inclusive RRR 2.1.7 - Sum of USoA 4505-4640, 4805-5695, 6105, 6205 , 6210, and 6225, then subtract ROE Summary cell (d) and				
		\$91,749,894.72		subtract ROE Summary cell (e)				
Other Adjustments:					Please provide l	USoAs		
Merger Costs		\$5,085,853.00	n2			ļ		
Adjusted operating expenses		\$86,664,041.72	n=n1-n2					
Total Cost of Power and Operating Expenses Working capital allowance % as approved in the distributor's last CoS Decision and Order Total working capital allowance (\$)		\$1,214,026,419.14 13.00% \$157,823,434.49	o=m+n p q=o*p	CoS Decision and Order				
PP&E Opening balance - regulated PP&E (NBV) (Appendix 5)		\$888,800,934.00	r	Appendix 5 cell (ec)				
Adjusted closing balance - regulated PP&E (NBV) (Appendix	5)	\$925,440,349.49	s	Appendix 5 cell (el)				
Average regulated PP&E Total rate base		\$907,120,641.75 \$1,064,944,076.23	t=(r+s)/2 u=q+t					
Regulated deemed short-term debt % and \$	4.00% v	\$42,597,763.05	v1=v*u	Cell (v) from CoS Decision and Order				
Regulated deemed long-term debt % and \$	4.00% % w 56.00%	\$596,368,682.69	w1=w*u	and Order Cell (w) from CoS Decision and Order				
Regulated deemed equity % and \$	% x 40.00%	\$425,977,630.49	x1=x*u	Cell (x) from CoS Decision and Order				
Regulated Rate of Return on Deemed Equity (ROE) Achieved ROE%		7.88% %	y= I / x1					
Deemed ROE% from the distributor's last CoS Decision and Order		8.93%	z	CoS Decision and Order				
Difference - maximum deadband 3%		-1.05% %	z1 = y-z					
ROE status for the year (Over-earning/Under-earning/Within 300 basis points deadband)		Within 300 basis points o	z2 de		Appendices 7 & 8	s in an under-earning position as indicated in z2, please complete		