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## **LDC Historical Performance Report and Draft Target & Budget**

Enclosed are the 2011-2014 Historical Performance Report and LDC draft target and budget for the new 2015-2020 Conservation First Framework. The intention of this report is to provide a summary of your LDCs historical performance in comparison to your draft target and budget for the new 2015-2020 Conservation First Framework to assist LDCs in planning for the new framework. Draft budget is a single number and includes all customer incentives and administrative costs. Allocation of administrative costs within the budget is at the LDC's sole discretion.

As part of this report, each LDC is being provided with the following:

- 1) Overall progress-to-date based on final verified savings for 2011 and 2012, and draft verified savings for 2013;
- 2) Estimated savings required in 2014 to meet the current 2011-2014 Ontario Energy Board (OEB) targets;
- 3) A summary of historical spending for both administration costs (based on actual PAB spending) and incentive costs (based on provincially allocated spending or actual settlement by LDC, depending on the initiative);
- 4) Draft 2015-2020 CDM target and budget projected by year and sector, based on the current Conservation First budget and target allocation methodology; and
- 5) A summary of the 2012 OEB yearbook data by rate class used to develop the CDM targets and budgets, including estimates on overall cost-effectiveness.

The format of this report was developed in collaboration with members of the Conservation First Advisory Working Group (CFAWG) and is designed to provide LDCs with an overview of their current performance in relation to their new draft Conservation First CDM targets and budgets. To increase transparency, all consumption data used to determine an LDC's share of load by sector and Independent Electricity Service Operator (IESO) zone for target allocation purposes has been provided.

Throughout the current framework LDCs ongoing collaboration and cooperation continues to be appreciated. The OPA remains committed to supporting LDCs in the successful delivery of conservation savings and we look forward to working with LDCs within the new Conservation First Framework.

LDC: St. Thomas Energy Inc.

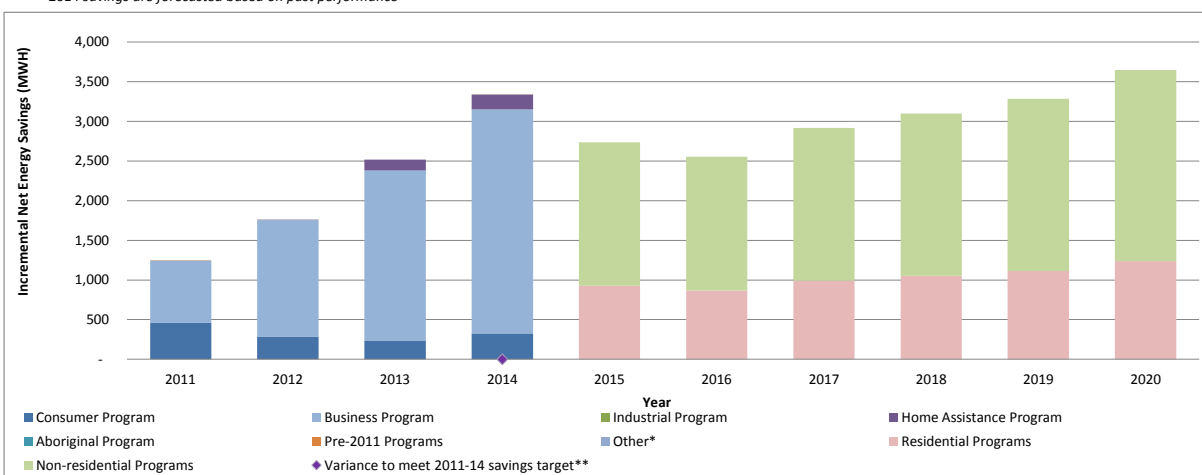
## Incremental Net Energy Savings &amp; Targets Assigned Summary (MWh)

	Incremental Net Energy Savings & Targets Assigned Summary (MWh)									
	2011	2012	2013	2014 <sup>†</sup>	2015	2016	2017	2018	2019	2020
Consumer Program	462	280	238	327						
Business Program	782	1,475	2,140	2,824						
Industrial Program	-	-	-	-						
Home Assistance Program	-	-	140	186						
Aboriginal Program	-	-	-	-						
Pre-2011 Programs	1	0	-	0						
Other*	-	7	-	2						
Residential Programs					928	866	990	1,052	1,114	1,238
Non-residential Programs					1,806	1,685	1,926	2,047	2,167	2,408
Total	1,245	1,763	2,518	3,339	2,734	2,552	2,916	3,099	3,281	3,645
Variance to meet 2011-14 savings target**	-				Allocated CDM Target (GWh)					
					18.2					

\*Other includes Program Enabled Savings and Adjustments

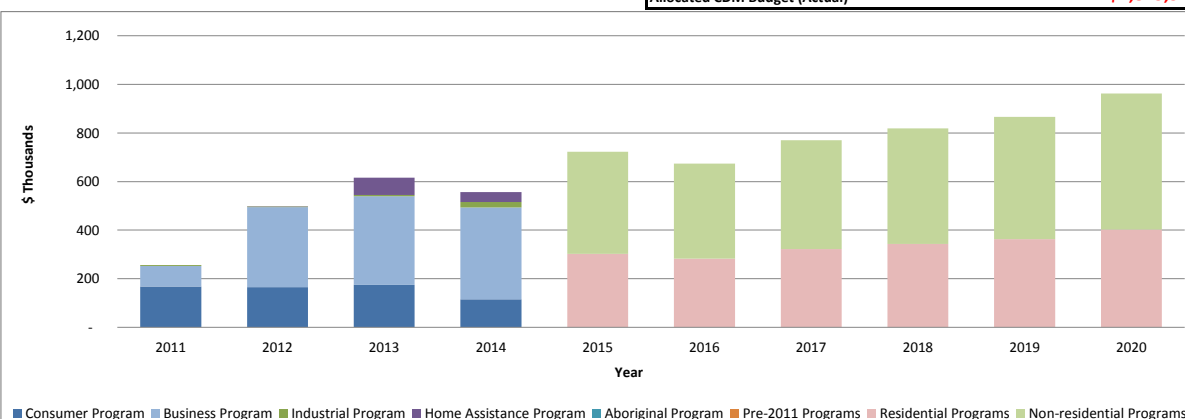
\*\* Includes Demand Response

† 2014 savings are forecasted based on past performance



## Financial Summary (\$ Thousands)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Consumer Program	168	164	175	115						
Business Program	85	330	365	378						
Industrial Program	3	2	5	22						
Home Assistance Program	-	2	70	42						
Aboriginal Program	-	-	-	-						
Pre-2011 Programs	-	-	-	-						
Residential Programs					302	282	322	342	363	403
Non-residential Programs					420	392	448	476	504	560
<b>Total</b>	<b>255</b>	<b>499</b>	<b>615</b>	<b>557</b>	<b>722</b>	<b>674</b>	<b>770</b>	<b>819</b>	<b>867</b>	<b>963</b>
					<b>Allocated CDM Budget (Actual)</b>					
					<b>\$4,815,511</b>					



Savings for Demand Response resources have been excluded for the purposes of this report.

Table 1: **St. Thomas Energy Inc.** Initiative and Program Level Net Energy Savings by Year

Initiative	Net Incremental Energy Savings (MWh)		
	2011	2012	2013
<b>Consumer Program</b>			
Appliance Retirement	74	48	18
Appliance Exchange	3	22	6
HVAC Incentives	243	127	140
Conservation Instant Coupon Booklet	56	4	23
Bi-Annual Retailer Event	86	79	50
Retailer Co-op	0	0	0
Residential New Construction	0	0	0
<b>Consumer Program Total</b>	<b>462</b>	<b>280</b>	<b>238</b>
<b>Business Program</b>			
Retrofit	620	1,014	1,433
Direct Install Lighting	162	461	708
Building Commissioning	0	0	0
New Construction	0	0	0
Energy Audit	0	0	0
<b>Business Program Total</b>	<b>782</b>	<b>1,475</b>	<b>2,140</b>
<b>Industrial Program</b>			
Process & System Upgrades	0	0	0
Monitoring & Targeting	0	0	0
Energy Manager	0	0	0
<b>Industrial Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Home Assistance Program</b>			
Home Assistance Program	0	0	140
<b>Home Assistance Program Total</b>	<b>0</b>	<b>0</b>	<b>140</b>
<b>Aboriginal Program</b>			
Home Assistance Program Aboriginal	0	0	0
<b>Aboriginal Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Pre-2011 Programs completed in 2011</b>			
Pre-2011 Programs completed in 2011 Total	1	0	0
<b>Pre-2011 Programs completed in 2011 Total</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Other</b>			
Program Enabled Savings	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Adjustments to 2011 Verified Results</b>		<b>7</b>	<b>0</b>
<b>Adjustments to 2012 Verified Results</b>			<b>181</b>
<b>OPA-Contracted LDC Portfolio Total (inc. Adj.)</b>	<b>1,245</b>	<b>1,763</b>	<b>2,699</b>

Savings for Demand Response resources have been excluded for the purposes of this report.

● Includes Retrofit portion that is part of the Industrial Schedule

Table 2: **St. Thomas Energy Inc.** Initiative and Program Level Net Demand Savings by Year

Initiative	Net Peak Demand Savings (KW)		
	2011	2012	2013
<b>Consumer Program</b>			
Appliance Retirement	11	7	3
Appliance Exchange	2	13	3
HVAC Incentives	131	75	82
Conservation Instant Coupon Booklet	3	1	2
Bi-Annual Retailer Event	5	4	3
Retailer Co-op	0	0	0
Residential New Construction	0	0	0
<b>Consumer Program Total</b>	<b>153</b>	<b>99</b>	<b>94</b>
<b>Business Program</b>			
Retrofit	87	180	281
Direct Install Lighting	61	114	196
Building Commissioning	0	0	0
New Construction	0	0	0
Energy Audit	0	0	0
<b>Business Program Total</b>	<b>148</b>	<b>294</b>	<b>477</b>
<b>Industrial Program</b>			
Process & System Upgrades	0	0	0
Monitoring & Targeting	0	0	0
Energy Manager	0	0	0
<b>Industrial Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Home Assistance Program</b>			
Home Assistance Program	0	0	11
<b>Home Assistance Program Total</b>	<b>0</b>	<b>0</b>	<b>11</b>
<b>Aboriginal Program</b>			
Home Assistance Program Aboriginal	0	0	0
<b>Aboriginal Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Pre-2011 Programs completed in 2011</b>			
Pre-2011 Programs completed in 2011 Total	0	0	0
<b>Pre-2011 Programs completed in 2011 Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other</b>			
Program Enabled Savings	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Adjustments to 2011 Verified Results</b>	<b>0</b>	<b>-7</b>	<b>0</b>
<b>Adjustments to 2012 Verified Results</b>	<b>0</b>	<b>0</b>	<b>20</b>
<b>OPA-Contracted LDC Portfolio Total (inc. Adj.)</b>	<b>301</b>	<b>386</b>	<b>602</b>

Savings for Demand Response resources have been excluded for the purposes of this report.

● Includes Retrofit portion that is part of the Industrial Schedule

Table 3: **St. Thomas Energy Inc.** Initiative and Program Level Financial Data by Year

Initiative	Program Administration Costs				*Customer Incentives		
	2011	2012	2013		2011	2012	2013
<b>Consumer Program</b>							
Appliance Retirement	4,811	10,052	8,936	●	9,887	10,467	4,465
Appliance Exchange	4,096	10,052	8,641	●	0	799	0
HVAC Incentives	5,186	9,479	8,641	●	129,834	89,079	115,700
Conservation Instant Coupon Booklet	4,096	11,420	0	●	295	1,661	505
Bi-Annual Retailer Event	4,096	9,367	14,475	●	1,105	2,617	4,615
Retailer Co-op	0	0	0	●	Included in Bi-annual Retailer Event		
Residential New Construction	4,336	9,404	8,641	●	7	11	0
<b>Consumer Program Total</b>	<b>26,621</b>	<b>59,773</b>	<b>49,336</b>		<b>141,128</b>	<b>104,634</b>	<b>125,285</b>
<b>Business Program</b>							
Retrofit	25,903	43,676	27,014	●	0	120,823	138,713
**Direct Install Lighting	4,407	18,525	14,996	●	45,368	110,969	145,965
Building Commissioning	2,988	0	12,746	●	0	0	0
New Construction	2,988	17,972	12,746	●	0	0	0
Energy Audit	2,988	18,372	12,946	●	0	0	0
<b>Business Program Total</b>	<b>39,272</b>	<b>98,545</b>	<b>80,450</b>		<b>45,368</b>	<b>231,792</b>	<b>284,678</b>
<b>Industrial Program</b>							
Process & System Upgrades	0	0	0	●	0	0	0
Monitoring & Targeting	961	1,996	1,702	●	0	0	0
Energy Manager	1,922	0	3,404	●	0	0	0
<b>Industrial Program Total</b>	<b>2,883</b>	<b>1,996</b>	<b>5,106</b>		<b>0</b>	<b>0</b>	<b>0</b>
<b>Home Assistance Program</b>							
Home Assistance Program	0	2,362	9,355	●	0	0	61,058
<b>Home Assistance Program Total</b>	<b>0</b>	<b>2,362</b>	<b>9,355</b>		<b>0</b>	<b>0</b>	<b>61,058</b>
<b>Aboriginal Program</b>							
Home Assistance Program Aboriginal	0	0	0	●	0	0	0
<b>Aboriginal Program Total</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	<b>0</b>
<b>Pre-2011 Programs completed in 2011</b>							
Pre-2011 Programs completed in 2011 Total	0	0	0		39,111	177,064	7,360
<b>Pre-2011 Programs completed in 2011 Total</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>39,111</b>	<b>177,064</b>	<b>7,360</b>
<b>Other</b>							
Program Enabled Savings	0	0	0		N/A	N/A	N/A
<b>Other Total</b>	<b>0</b>	<b>0</b>	<b>0</b>				
<b>OPA-Contracted LDC Portfolio Total</b>							

Financials for Demand Response resources have been excluded for the purposes of this report.

\*2011-2013 numbers are actuals and represent amounts paid to LDCs/vendors for each initiative (i.e. excludes accruals), therefore savings can be in a different year than the incentive payments.

\*\*Customer Incentive values align with install dates as reported in the small business lighting portal

● Breakdown by LDC for Customer Incentives is based on the savings allocation in Appendix B

● Breakdown by LDC for Customer Incentives is based on LDC Settlements

## Appendix A: 2015 - 2020 Savings and Budget Allocation

IESO Zone	7 TWh Provincial Distribution for 2015-2020		LDC's Share of 7TWh for 2015-2020						
			2012 Residential GWh			2012 Non-Residential GWh			
			LDC	IESO Zone	Share %	LDC	IESO Zone	Share %	
BRUCE	3	6	0	116	0%	0	127	0%	
EAST	137	255	0	3,569	0%	0	3,928	0%	
ESSA	161	215	0	3,689	0%	0	4,580	0%	
NIAGARA	62	180	0	1,422	0%	0	2,449	0%	
NORTHEAST	110	206	0	2,387	0%	0	2,581	0%	
NORTHWEST	48	94	0	879	0%	0	1,127	0%	
OTTAWA	217	268	0	3,399	0%	0	6,219	0%	
SOUTHWEST	416	942	0	7,996	0%	0	14,701	0%	
TORONTO	856	2,091	0	12,786	0%	0	35,539	0%	
WEST	216	516	118	4,102	3%	174	7,448	2%	
Total	2,226	4,774	118	40,344		174	78,700		
Provincial CDM Target		7,000	LDC CDM Target:		6.2	LDC CDM Target:		12.0	
*Summary	Res	Non Res	Total						
Allocated CDM Target (GWh)	6.2	12.0	18.2						
Allocated CDM Budget (Actual)	\$2,014,303	\$2,801,208	\$4,815,511						
Funding Rates (\$/kWh)	\$0.33	\$0.23	\$0.26						
LUEC (\$/kWh)	\$0.06	\$0.02	\$0.03						
PAC Test	1.09	2.91	2.15						
*Estimated 2015-2020 Cost Effectiveness	Res	Non Res	Total						
Benefits (\$M)	\$1.98	\$7.35	\$9.32						
Costs (\$M)	\$1.82	\$2.53	\$4.34						
LUEC (\$/kWh)	\$0.06	\$0.02	\$0.03						
PAC Ratio	1.09	2.91	2.15						
Cumulative Estimated Energy Savings (GWh)			2015	2016	2017	2018	2019	2020	
Residential			0.9	1.8	2.8	3.8	5.0	6.2	
Non-Residential			1.8	3.5	5.4	7.5	9.6	12.0	
Total Estimated Energy Savings (GWh)			2.7	5.3	8.2	11.3	14.6	18.2	
Incremental Est. Annual Budgets (\$M)			2015	2016	2017	2018	2019	2020	
Residential			\$0.30	\$0.28	\$0.32	\$0.34	\$0.36	\$0.40	
Non-Residential			\$0.42	\$0.39	\$0.45	\$0.48	\$0.50	\$0.56	
Total Est. Annual Budgets (\$M)			\$0.72	\$0.67	\$0.77	\$0.82	\$0.87	\$0.96	
OEB Yearbook Data			Total Cumulative Est. Annual Budget (Actual)						\$4,815,511
**Rate Class	Metered Load (kWh)								
Res	117,522,946								
GS<50	36,261,185								
GS>50, Large Users	134,205,543								
Street Lighting	3,119,827								
Sentinel Lighting	62,373								
Billed Unmetered Scattered Load	0								
*See OPA Cost Effectiveness Guide on how to calculate									
**Derived from the 2012 OEB Yearbook data									

**Appendix B - 2011 -2014 Savings Allocation**

<b>LDC</b>	<b>Allocation %</b>
Algoma Power Inc.	0.12%
Atikokan Hydro Inc.	0.02%
Attawapiskat Power Corporation	0.00%
Bluewater Power Distribution Corporation	0.90%
Brant County Power Inc.	0.16%
Brantford Power Inc.	0.82%
Burlington Hydro Inc.	1.37%
COLLUS Power Corporation	0.25%
Cambridge and North Dumfries Hydro Inc.	1.23%
Canadian Niagara Power Inc.	0.42%
Centre Wellington Hydro Ltd.	0.13%
Chapleau Public Utilities Corporation	0.02%
ENTEGRUS	0.78%
Cooperative Hydro Embrun Inc.	0.02%
E.L.K. Energy Inc.	0.14%
ENWIN Utilities Ltd.	1.96%
Enersource Hydro Mississauga Inc.	6.95%
Erie Thames Powerlines Corporation	0.38%
Espanola Regional Hydro Distribution Corporation	0.05%
Essex Powerlines Corporation	0.36%
Festival Hydro Inc.	0.49%
Fort Albany Power Corporation	0.00%
Fort Frances Power Corporation	0.06%
Greater Sudbury Hydro Inc.	0.73%
Grimsby Power Inc.	0.13%
Guelph Hydro Electric Systems Inc.	1.33%
Haldimand County Hydro Inc.	0.22%
Halton Hills Hydro Inc.	0.37%
Hearst Power Distribution Company Limited	0.07%
Horizon Utilities Corporation	4.69%
Hydro 2000 Inc.	0.02%
Hydro Hawkesbury Inc.	0.15%
Hydro One Brampton Networks Inc.	3.16%
Hydro One Networks Inc.	18.84%
Hydro Ottawa Limited	6.25%
Innisfil Hydro Distribution Systems Limited	0.15%
Kashechewan Power Corporation	0.01%
Kenora Hydro Electric Corporation Ltd.	0.09%
Kingston Hydro Corporation	0.62%
Kitchener-Wilmot Hydro Inc.	1.50%
Lakefront Utilities Inc.	0.23%
Lakeland Power Distribution Ltd.	0.17%
London Hydro Inc.	2.61%
Midland Power Utility Corporation	0.18%

**Appendix B - 2011 -2014 Savings Allocation**

<b>LDC</b>	<b>Allocation %</b>
Milton Hydro Distribution Inc.	0.56%
Newmarket - Tay Power Distribution Ltd.	0.55%
Niagara Peninsula Energy Inc.	0.97%
Niagara-on-the-Lake Hydro Inc.	0.14%
Norfolk Power Distribution Inc.	0.26%
North Bay Hydro Distribution Limited	0.44%
Northern Ontario Wires Inc.	0.10%
Oakville Hydro Electricity Distribution Inc.	1.23%
Orangeville Hydro Limited	0.20%
Orillia Power Distribution Corporation	0.25%
Oshawa PUC Networks Inc.	0.87%
Ottawa River Power Corporation	0.15%
PUC Distribution Inc.	0.51%
Parry Sound Power Corporation	0.07%
Peterborough Distribution Incorporated	0.64%
PowerStream Inc.	6.79%
Renfrew Hydro Inc.	0.08%
Rideau St. Lawrence Distribution Inc.	0.09%
Sioux Lookout Hydro Inc.	0.06%
St. Thomas Energy Inc.	0.25%
Thunder Bay Hydro Electricity Distribution Inc.	0.79%
Tillsonburg Hydro Inc.	0.17%
Toronto Hydro-Electric System Limited	21.73%
Veridian Connections Inc.	1.93%
Wasaga Distribution Inc.	0.07%
Waterloo North Hydro Inc.	1.11%
Welland Hydro-Electric System Corp.	0.34%
Wellington North Power Inc.	0.08%
West Coast Huron Energy Inc.	0.14%
Westario Power Inc.	0.35%
Whitby Hydro Electric Corporation	0.65%
Woodstock Hydro Services Inc.	0.31%
All LDCs	100.00%