Exhibit 4:

Operating Expense

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4.1 Overview

This Exhibit provides a detailed summary of EPLC's Operations, Maintenance and Administration ("OM&A") expenses required to operate EPLC's distribution system. These costs are comprised of:

i) Operations;
ii) Maintenance;
iii) Admin & General;
iv) Billing & Collecting;
v) Community Relations;
vi) Health & Safety and employee training;
vii) Metering;
viii) Regulatory & compliance costs;

4.1.1 2010 Board Approved Recoverable OM&A Expenses

Figure 1 below outlines EPLC's 2010 Board Approved OM&A expenses.

Figure 1 – 2010 EPLC Board Approved OM&A Expenses

Description	2010 Board Approved
Operations	$ 1,111,126
Maintenance	$ 1,517,732
Subtotal	**$ 2,628,858**
Billing & Collecting	$ 1,480,565
Community Relations	$ 22,500
Admin & General	$ 2,068,443
Subtotal	**$ 3,571,508**
Total OM&A	**$ 6,200,366**

4.1.2 Test Year OM&A Expense Summary

EPLC's 2018 Test Year OM&A expenses are $7,710,275 inclusive of the Low Income Energy Assistance Program ("LEAP"). A summary of EPLC's OM&A expenses from the previous 2010 Board Approved to the 2018 Test Year can be found below in Figure 2.

Figure 2 – EPLC OM&A Expenses – 2010 BAP to 2018 Test Year

Description	2010 Board Approved	2010 Actual	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge Year	2018 Test Year
Operations	$ 1,111,126	$ 767,608	$ 1,003,987	$ 1,190,375	$ 1,207,057	$ 1,545,489	$ 1,332,350	$ 1,337,677	$ 1,221,419	$ 1,518,208
Maintenance	$ 1,517,732	$ 1,496,651	$ 1,614,034	$ 2,013,059	$ 1,515,425	$ 1,448,980	$ 1,808,438	$ 1,833,650	$ 1,572,404	$ 1,548,463
Subtotal	**$ 2,628,858**	**$ 2,264,259**	**$ 2,618,021**	**$ 3,203,433**	**$ 2,722,482**	**$ 2,994,470**	**$ 3,140,788**	**$ 3,171,328**	**$ 2,793,823**	**$ 3,066,671**
Billing & Collecting	$ 1,480,565	$ 1,305,098	$ 1,131,257	$ 1,174,568	$ 1,329,771	$ 1,158,128	$ 1,229,676	$ 1,348,249	$ 1,499,880	$ 1,550,150
Community Relations	$ 22,500	$ 16,957	$ 11,394	$ 8,539	$ 8,451	$ 10,016	$ 12,013	$ 6,482	$ 23,442	$ 23,396
Admin & General	$ 2,068,443	$ 1,894,041	$ 1,786,257	$ 1,806,757	$ 1,966,590	$ 2,541,606	$ 2,381,742	$ 2,455,564	$ 2,950,224	$ 3,070,058
Subtotal	**$ 3,571,508**	**$ 3,216,096**	**$ 2,928,908**	**$ 2,989,863**	**$ 3,304,813**	**$ 3,709,749**	**$ 3,623,431**	**$ 3,810,295**	**$ 4,473,546**	**$ 4,643,604**
Total OM&A	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**

As described in Exhibit 1 of this Application, EPLC has implemented core value alignment with the Board's Renewed Regulatory Framework for Electricity Distributor ("RRFE") outcomes. EPLC six (6) core values are:

i) Customer & Community Value ("C&C");
ii) Operational Excellence ("OE");
iii) Safety ("Saf");
iv) Employee Satisfaction ("ES");
v) Reasonable Rates ("RR");
vi) Financial & Environmental Sustainability ("F&ES");

Figure 3 below outlines the incremental changes to OM&A by major contributor and its respective alignment with EPLC's core values. Figure 3 is intended to capture the major drivers of OM&A increases between the 2010 BAP to the projected 2018 Test Year. A further explanation by category is also provided below.

Figure 3 – EPLC Test Year OM&A & Core Value Alignment

Line Item	Amount	EPLC Core Value
2010 BAP OM&A	**$ 6,200,366**	
Inflationary Increases on Labour & Non-Labour Items	$ 815,725	All
Impact of IFRS Changes on OM&A	$ 340,213	All
Regulatory Re-alignment	$ 217,000	OE, C&C, F&ES
Control Room Support	$ 186,000	OE, Saf, C&C
Cybersecurity Maintenance	$ 286,463	OE, C&C
Other Immaterial Adjustments	$ (335,492)	All
2018 Test Year OM&A	**$ 7,710,275**	

Inflationary Increase on Labour & Non-Labour Items

Inflationary increases of labour and non-labour items includes year over year inflationary increases to materials, equipment, transportation and other items required over the normal course of business as well as inflationary increases to employee wages and benefits. Inflationary increases to labour and non-labour OM&A items of $815,725 are reasonable given that EPLC has not re-based since 2010 (which represents eight years of inflationary adjustments).

Impact of IFRS Changes on OM&A

IFRS-compliant capitalization and depreciation policy has resulted in increases to OM&A. EPLC has adopted these changes effective 2013.

Further details about these increases are outlined in Exhibit 9 of this Application. Overheads that were previously capitalized are now required to be expensed which has resulted in a corresponding increase to OM&A of $340,213.

Regulatory Re-Alignment

EPLC did not previously have directly allocated resources dedicated to Regulatory accounting and compliance. EPLC has re-aligned its regulatory department to include a Manager of Regulatory Accounting in 2017 and a Regulatory Accounting Analyst in 2016. Further information about these positions is provided in Section 4.4 of this Exhibit. This re-alignment has resulted in an OM&A increase of $217,000 in the Test Year.

Control Room Support

EPLC has included $186,000, starting in the 2018 Test Year, for 3rd party Control Room support. EPLC initially wanted to create its own, internal control room in order to provide additional after hours support and increase the overall scope and ability of our operational team. EPLC originally estimated the annual cost of providing internal control room services and support at approximately $500,000 per year.

After completing its preliminary analysis and after consulting with customers (who have clearly indicated that keeping rates low was their primary concern but their second largest concern was reliability; see Exhibit 1 for customer consultation surveys), EPLC determined that instead of eliminating control room services from its budget, finding a more cost effective alternative

could satisfy both customer demands. As a result, EPLC has consulted with several 3rd party alternatives and proposes to leverage their existing scale and knowledge as part of this Application.

As part of its Self-Healing Grid initiative (see Exhibit 2 for additional information) as well as through is SmartMAP software implementation (see Exhibit 1, section 1.4.2 for additional information), EPLC is planning to upgrade its current operation to include 3rd party control room support from industry experts. These experts will allow EPLC to add another layer of visibility to its system, enhance after-hours customer service, increase response times and with the implementation of the Self-Healing Grid initiative in the coming years, even optimize switching automation to reduce Loss of Supply incidents and severity for EPLC customers.

A major component of EPLC's Self-Healing Grid initiative is the addition of monitoring and automated devices to its distribution system. These devices help in the determination of the optimum distribution circuit topology to service the increasingly varying loads and DER's attached to the distribution system. These devices help by: maintaining reliability, balancing load among the individual circuit wires and cables, maintaining voltage fluctuations within acceptable limits, and limiting outage events to the smallest number of customers.

These devices collect vast amounts of data that is used to determine what actions to take (i.e. open, close, signal for more reactive or real load). Additionally, load and generation fluctuations are occurring very quickly and increasingly these devices are permitted to operate semi-autonomously and automatically within strict guidelines. In either case, responding to system alarms and notifications requires full time monitoring and the ability to interpret this data in order to appropriately respond to any eventuality. The need for human intervention in this process is important to correctly and quickly direct crews when a system event requires field repairs or intervention. Human intervention is most effective when trained knowledgeable people are in a position to view and interpret the data and react accordingly.

EPLC plans on finalizing these arrangements in 2018 and maximize its investment in Best-In Class solutions.

Cybersecurity Maintenance

In 2017, EPLC is investing in its Information Technology ("IT") infrastructure in order to be compliant with the Board's proposed Cybersecurity Framework (EB-2016-0032). For additional information about the capital requirements of the Cybersecurity Framework, please refer to Exhibit 2 of this Application. Planned OM&A increases related to the Cybersecurity Framework

equate to approximately $286,463 in 2017 and will be required moving forward. These costs relate to the acquisition of 3rd party IT experts that will ensure/provide:

- Managed detection and response services;
- Network Interceptor Capabilities;
- Continuous Vulnerability Scanning;
- Threat Intelligence;
- Security Portal & Reporting;
- 24/7 Security Operations Centre;

4.2 Summary & Cost Drivers

4.2.1 OM&A Budgeting Process

EPLC budgets in the third and fourth quarters of the year prior and seeks approval from the Board of Directors in the fourth quarter or early first quarter.

EPLC takes the following steps when preparing its upcoming operating and capital budgets:

i) Senior management team meets early at the beginning stages of the budgeting process to lay the foundation of fundamental work, challenges and goals to be achieved in the upcoming year. When evaluating the proposed work, challenges and goals, EPLC senior management is continuously managing these requirements against rate and reliability impacts to its customers. The EPLC senior management team generally expects and requires adjustments to be in line with the rate of inflation unless detailed substantiation can be provided to support any incremental difference;

ii) Department managers/supervisors then complete their own respective operating and capital budgets for the upcoming budget years. Department managers/supervisors work closely with the EPLC finance team to ensure proper allocations to labour including, but not limited to, changes to wages and benefit costs, vehicle/material/equipment rates, burden/overhead rates, etc. Significant year over year variances are highlighted and explained. Budgeted third party expenditures are reviewed by finance for reasonability and opportunity for reduction;

iii) The EPLC finance team then consolidates all manager/supervisor budgets to form a preliminary draft budget for review. Finance independently and jointly reviews large variances with department managers/supervisors;

iv) The EPLC finance team reviews with senior management team to ensure that work, challenges and goals identified in item i) above are satisfied;

v) The senior management team submits budgets to EPLC board of directors for approval;

4.2.2 Summary of Recoverable OM&A Expenses

EPLC has prepared a summary of historical and forecasted OM&A expenses, consistent with Board Appendix 2-JA as Figure 4 below. A copy of Board Appendix 2-JA is also included as Attachment 2-A of this Exhibit.

Figure 4 – EPLC Recoverable OM&A Expenses

	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis	CGAAP	CGAAP	CGAAP	CGAAP	CGAAP	CGAAP	MIFRS	MIFRS	MIFRS	MIFRS
Operations	$ 1,111,126	$ 767,608	$ 1,003,987	$ 1,190,375	$ 1,207,057	$ 1,545,489	$ 1,332,350	$ 1,337,677	$ 1,221,419	$ 1,518,208
Maintenance	$ 1,517,732	$ 1,496,651	$ 1,614,034	$ 2,013,059	$ 1,515,425	$ 1,448,980	$ 1,808,438	$ 1,833,650	$ 1,572,404	$ 1,548,463
SubTotal	**$ 2,628,858**	**$ 2,264,259**	**$ 2,618,021**	**$ 3,203,433**	**$ 2,722,482**	**$ 2,994,470**	**$ 3,140,788**	**$ 3,171,328**	**$ 2,793,823**	**$ 3,066,671**
%Change (year over year)			15.6%	22.4%	-15.0%	10.0%	4.9%	1.0%	-11.9%	9.8%
%Change (Test Year vs Last Rebasing Year - Actual)										**35.4%**
Billing and Collecting	$ 1,480,565	$ 1,305,098	$ 1,131,257	$ 1,174,568	$ 1,329,771	$ 1,158,128	$ 1,229,676	$ 1,348,249	$ 1,499,880	$ 1,550,150
Community Relations	$ 22,500	$ 16,957	$ 11,394	$ 8,539	$ 8,451	$ 10,016	$ 12,013	$ 6,482	$ 23,442	$ 23,396
Administrative and General	$ 2,068,443	$ 1,894,041	$ 1,786,257	$ 1,806,757	$ 1,966,590	$ 2,541,606	$ 2,381,742	$ 2,455,564	$ 2,950,224	$ 3,070,058
SubTotal	**$ 3,571,508**	**$ 3,216,096**	**$ 2,928,908**	**$ 2,989,863**	**$ 3,304,813**	**$ 3,709,749**	**$ 3,623,431**	**$ 3,810,295**	**$ 4,473,546**	**$ 4,643,604**
%Change (year over year)			-8.9%	2.1%	10.5%	12.3%	-2.3%	5.2%	17.4%	3.8%
%Change (Test Year vs Last Rebasing Year - Actual)										**44.4%**
Total	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**

	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Operations	$ 1,111,126	$ 767,608	$ 1,003,987	$ 1,190,375	$ 1,207,057	$ 1,545,489	$ 1,332,350	$ 1,337,677	$ 1,221,419	$ 1,518,208
Maintenance	$ 1,517,732	$ 1,496,651	$ 1,614,034	$ 2,013,059	$ 1,515,425	$ 1,448,980	$ 1,808,438	$ 1,833,650	$ 1,572,404	$ 1,548,463
Billing and Collecting	$ 1,480,565	$ 1,305,098	$ 1,131,257	$ 1,174,568	$ 1,329,771	$ 1,158,128	$ 1,229,676	$ 1,348,249	$ 1,499,880	$ 1,550,150
Community Relations	$ 22,500	$ 16,957	$ 11,394	$ 8,539	$ 8,451	$ 10,016	$ 12,013	$ 6,482	$ 23,442	$ 23,396
Administrative and General	$ 2,068,443	$ 1,894,041	$ 1,786,257	$ 1,806,757	$ 1,966,590	$ 2,541,606	$ 2,381,742	$ 2,455,564	$ 2,950,224	$ 3,070,058
Total	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**
%Change (year over year)			1.2%	11.7%	-2.7%	11.2%	0.9%	3.2%	4.1%	6.1%

	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	Variance 2010 BA – 2010 Actuals	2011 Actuals	Variance 2011 Actuals vs. 2010 Actuals	2012 Actuals	Variance 2012 Actuals vs. 2011 Actuals	2013 Actuals	Variance 2013 Actuals vs. 2012 Actuals	2014 Actuals	Variance 2014 Actuals vs. 2013 Actuals	2015 Actuals	Variance 2015 Actuals vs. 2014 Actuals	2016 Actuals	Variance 2016 Actuals vs. 2015 Actuals	2017 Bridge Year	Variance 2017 Bridge vs. 2016 Actuals	2018 Test Year	Variance 2018 Test vs. 2017 Bridge
Operations	$ 1,111,126	$ 767,608	$ 343,518	$ 1,003,987	$ 236,379	$ 1,190,375	$ 186,387	$ 1,207,057	$ 16,682	$ 1,545,489	$ 338,432	$ 1,332,350	$ 213,140	$ 1,337,677	$ 5,328	$ 1,221,419	-$ 116,258	$ 1,518,208	$ 296,789
Maintenance	$ 1,517,732	$ 1,496,651	$ 21,081	$ 1,614,034	$ 117,384	$ 2,013,059	$ 399,024	$ 1,515,425	-$ 497,633	$ 1,448,980	$ 66,445	$ 1,808,438	$ 359,457	$ 1,833,650	$ 25,212	$ 1,572,404	-$ 261,246	$ 1,548,463	$ 23,941
Billing and Collecting	$ 1,480,565	$ 1,305,098	$ 175,467	$ 1,131,257	-$ 173,841	$ 1,174,568	$ 43,311	$ 1,329,771	$ 155,203	$ 1,158,128	$ 171,643	$ 1,229,676	$ 71,548	$ 1,348,249	$ 118,573	$ 1,499,880	$ 151,631	$ 1,550,150	$ 50,270
Community Relations	$ 22,500	$ 16,957	$ 5,543	$ 11,394	-$ 5,564	$ 8,539	-$ 2,855	$ 8,451	-$ 88	$ 10,016	$ 1,564	$ 12,013	$ 1,997	$ 6,482	-$ 5,530	$ 23,442	$ 16,959	$ 23,396	-$ 46
Administrative and General	$ 2,068,443	$ 1,894,041	$ 174,402	$ 1,786,257	-$ 107,784	$ 1,808,757	$ 20,500	$ 1,966,590	$ 159,834	$ 2,541,606	$ 575,015	$ 2,381,742	$ 159,864	$ 2,455,564	$ 73,822	$ 2,950,224	$ 494,660	$ 3,070,058	$ 119,834
Total OM&A Expenses	$ 6,200,366	$ 5,480,354	$ 720,012	$ 5,546,929	$ 66,575	$ 6,193,296	$ 646,367	$ 6,027,295	-$ 166,002	$ 6,704,219	$ 676,924	$ 6,764,218	$ 59,999	$ 6,981,623	$ 217,405	$ 7,267,369	$ 285,746	$ 7,710,275	$ 442,906
Adjustments for Total non-recoverable items (from Appendices 2-JA and 2-JB)																			
Total Recoverable OM&A Expenses	$ 6,200,366	$ 5,480,354	$ 720,012	$ 5,546,929	$ 66,575	$ 6,193,296	$ 646,367	$ 6,027,295	-$ 166,002	$ 6,704,219	$ 676,924	$ 6,764,218	$ 59,999	$ 6,981,623	$ 217,405	$ 7,267,369	$ 285,746	$ 7,710,275	$ 442,906
Variance from previous year				$ 66,575		$ 646,367		-$ 166,002		$ 676,924		$ 59,999		$ 217,405		$ 285,746		$ 442,906	
Percent change (year over year)				1%		12%		-3%		11%		1%		3%		4%		6%	
Percent Change: Test year vs. Most Current Actual														10.44%					
Simple average of % variance for all years														40.69%					3.6%
Compound Annual Growth Rate for all years																			7.1%
Compound Growth Rate (2016 Actuals vs. 2010 Actuals)														8.40%					

4.2.3 Cost Driver Tables

EPLC has prepared a cost driver summary of historical and forecasted OM&A expenses consistent with Board Appendix 2-JB as Figure 5 below. A copy of Board Appendix 2-JB is also included as Attachment 2-B of this Exhibit.

Figure 5 – EPLC OM&A Cost Drivers

OM&A	Last Rebasing Year (2010 Actuals)	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis	CGAAP	CGAAP	CGAAP	CGAAP	CGAAP	MIFRS	MIFRS	MIFRS	MIFRS
Opening Balance	$ 6,200,366	$5,480,354	$5,546,929	$6,193,296	$6,027,295	$6,704,219	$ 6,764,218	$ 6,981,623	$7,267,369
Operations									
Reduction in Load Dispatching	$ (104,082)	$ (9,761)	$ 645	$ (6,206)	$ 5,797	$ 2,487	$ 6,016	$ 28,804	$ 51,959
Metering	$ (77,388)	$ 21,886	$ 223,114	$ 105,856	$ 182,221	$ (370,601)	$ (7,348)	$ 8,953	$ (5,348)
Customer Premises	$ (26,103)	$ (41,770)	$ 41,179	$ 2,023	$ 121,874	$ 141,961	$ (108,519)	$ (65,567)	$ 29,964
Changes in Supervision	$ 45,064	$ 36,373	$ 56,897	$ (14,704)	$ 30,810	$ (99,134)	$ (1,159)	$ (9,037)	$ (1,084)
Outside Services/Control Room									$ 186,000
Other Immaterial/Misc. Operational	$ (181,008)	$ 229,651	$ (135,448)	$ (70,286)	$ (2,269)	$ 112,148	$ 116,339	$ (79,411)	$ 35,298
Subtotal - Operations	**$ (343,518)**	**$ 236,379**	**$ 186,387**	**$ 16,682**	**$ 338,432**	**$ (213,140)**	**$ 5,328**	**$ (116,258)**	**$ 296,789**
Maintenance									
Changes in Supervision	$ 9,649	$ (170,198)	$ 97,609	$ (83,366)	$ 2,176	$ 356,113	$ (366,006)	$ 22,609	$ 9,813
O/H Right of Way - Conversion	$ (75,120)	$ 129,436	$ 392,541	$ (154,244)	$ 31,584	$ (22,812)	$ 146,708	$ (175,692)	$ 49,303
Other Immaterial/Misc. Maintenance	$ 44,390	$ 158,146	$ (91,125)	$ (260,024)	$ (100,205)	$ 26,157	$ 244,511	$ (108,164)	$ (83,056)
Subtotal - Maintenance	**$ (21,081)**	**$ 117,384**	**$ 399,024**	**$ (497,633)**	**$ (66,445)**	**$ 359,457**	**$ 25,212**	**$ (261,246)**	**$ (23,941)**
Billing & Collecting									
Customer Billing	$ (192,846)	$ 100,300	$ 38,451	$ 151,623	$ (118,082)	$ (24,488)	$ 138,637	$ 203,832	$ 36,004
Collecting	$ 3,344	$ (158,295)	$ 100,555	$ 33,225	$ 45,194	$ (13,614)	$ 52,485	$ 72,978	$ 7,987
Changes in Supervision	$ 24,651	$ (74,863)	$ (95,226)	$ 13,288	$ 11,196	$ 3,568	$ 4,575	$ 13,832	$ 3,627
Meter Reading	$ 43,481	$ (71,782)	$ (61,144)	$ 1,724	$ (52,098)	$ 51,382	$ (59,854)	$ (121,092)	$ (221)
Changes in Bad Debt Expense	$ (52,589)	$ 26,683	$ 67,625	$ (35,575)	$ (57,537)	$ 54,207	$ (39,837)	$ 9,352	$ (312)
Other Immaterial/Misc. B&C	$ (1,509)	$ 4,117	$ (6,951)	$ (9,082)	$ (315)	$ 494	$ 22,566	$ (27,270)	$ 3,184
Subtotal - Billing & Collecting	**$ (175,467)**	**$ (173,841)**	**$ 43,311**	**$ 155,203**	**$ (171,643)**	**$ 71,548**	**$ 118,573**	**$ 151,631**	**$ 50,270**
Community Relations									
Other Immaterial/Misc. Community Relations	$ (5,543)	$ (5,564)	$ (2,855)	$ (88)	$ 1,564	$ 1,997	$ (5,530)	$ 16,959	$ (46)
Subtotal - Community Relations	**$ (5,543)**	**$ (5,564)**	**$ (2,855)**	**$ (88)**	**$ 1,564**	**$ 1,997**	**$ (5,530)**	**$ 16,959**	**$ (46)**
Admin & General									
Change in Salaries & General Expenses	$ (100,670)	$ (264,122)	$ (153,124)	$ 313,788	$ 345,104	$ (65,931)	$ 20,243	$ (55,274)	$ 82,142
Change in Employee Pensions & Benefits	$ 46,599	$ (75,659)	$ 185,372	$ 7	$ 173,332	$ (9,459)	$ 11,582	$ 31,046	$ (457)
Regulatory Re-alignment								$ 236,958	$ 31,623
Outside Services/Cybersecurity								$ 231,463	$ 8,141
Other Immaterial/Misc. Admin & General	$ (120,332)	$ 231,998	$ (11,748)	$ (153,961)	$ 56,579	$ (84,474)	$ 41,997	$ 50,468	$ (1,615)
Subtotal - Admin & General	**$ (174,402)**	**$ (107,784)**	**$ 20,500**	**$ 159,834**	**$ 575,015**	**$ (159,864)**	**$ 73,822**	**$ 494,660**	**$ 119,834**
Closing Balance	**$ 5,480,354**	**$5,546,929**	**$6,193,296**	**$6,027,295**	**$6,704,219**	**$6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$7,710,275**

The following explanations are provided for year over year variances greater than EPLC's materiality threshold as calculated in Exhibit 1 of this Application. For the purposes of this analysis, the materiality threshold used is $65,000.

Operational Variances

Operational OM&A is projected to increase from 2010 BAP to the 2018 Test Year by $407,082 (36.6%). The primary driver of this increase is as a result of the implementation of 3rd party Control Room support. As part of its Self-Healing Grid initiative (see Exhibit 2 for additional information) as well as through is SmartMAP software implementation (see Exhibit 1, section

1.4.2 for additional information), EPLC is planning to upgrade its current operations to include 3rd party control room support from industry experts. These experts will allow EPLC to add another layer of visibility to its system, enhance after-hours customer service, increase response times and with the implementation of the Self-Healing Grid initiative in the coming years, even optimize switching automation to reduce Loss of Supply incidents and severity for EPLC customers. This increase is comprised of an incremental $186,000 investment in ongoing Control Room Operations and is further explained throughout this Exhibit. EPLC expects that the investment in ongoing control room operations will significantly upgrade EPLC's current after hours support, add 3rd party review and redundancy while also enhancing customer service and reliability. This expense is partially offset by EPLC reducing the number of line supervisors from two to one in 2017.

EPLC also re-allocated various 3rd party meter reading charges from Account 5010 (Load Dispatching) to 5315 (Customer Billing).

The remaining variance is largely the result of inflationary increases to employee wages, benefits and non-labour items related to operational programs described in Section 4.3.2 of this Exhibit.

Maintenance Related Variances

Maintenance related OM&A is projected to increase from 2010 BAP to the 2018 Test Year by $30,731 (2.02%). The primary driver of this variance is related to increase to employee wages, benefits and non-labour items and ongoing right of way and conversion work offset by supervision changes and other miscellaneous maintenance efficiencies.

EPLC also completed significant tree trimming and vegetation control in 2011 and 2012. This will result in lower Maintenance related expenses in 2017 and beyond.

Billing & Collecting Related Variances

Billing & Collecting is projected to increase from 2010 BAP to the 2018 Test Year by $69,585 (4.7%). This upward pressure on costs is driven primarily by inflationary increases in employee wages and benefits and inflationary increases to non-labour items such as postage and 3rd party billing and meter reading providers. EPLC also re-allocated various 3rd party meter reading charges from Account 5010 (Load Dispatching) to 5315 (Customer Billing) in 2010/2011 to better align with the APH.

In 2017, EPLC lost a water billing customer which has increased its net costs. EPLC has been able to offset a large portion of this impact with the re-negotiation of its meter reading costs. EPLC will continue to enhance and improve its Billing & Collecting department to ensure operational efficiency, especially where water services are further affected by additional customer loss.

Community Relations Variances

Community Relations spending is projected to increase from the 2010 BAP amount to the 2018 Test Year by $896 (4.0%). Despite inflation, spending related to Community Relations has been relatively flat.

Admin & General Related Variances

Admin & General is projected to increase from 2010 BAP to the 2018 Test Year by $1,001,615 (48.4%).

3rd party consulting costs are increasing in 2017 and 2018 as a result of one of EPLC's primary OM&A cost drivers identified in Section 4.1.2 of this Exhibit. In 2017, EPLC is investing in its IT infrastructure in order to be compliant with the Board's proposed Cybersecurity Framework (EB-2016-0032). For additional information about the capital requirements of the Cybersecurity Framework, please refer to Exhibit 2 of this Application. Planned OM&A increases related to the Cybersecurity Framework equate to $286,463 in 2017 and will be required moving forward. These costs relate to the acquisition of 3rd party IT experts that will ensure/provide:

- Managed detection and response services;
- Network Interceptor Capabilities;
- Continuous Vulnerability Scanning;
- Threat Intelligence;
- Security Portal & Reporting;
- 24/7 Security Operations Centre;

Further, Regulatory Affairs costs are increasing in 2017 and 2018 by $217,000 as a result of one of EPLC's primary OM&A cost drivers identified in Section 4.1.2 of this Exhibit. EPLC previously had partial FTEs allocated to various regulatory functions however did not previously have dedicated regulatory staff whose sole responsibility was regulatory accounting, review and compliance. EPLC has added the Regulatory Accounting Analyst position in 2016 and the

Manager of Regulatory Accounting in 2017. For additional information about these positions, please refer to section 4.4 of this Exhibit.

The remaining variance is primarily related to increases to OM&A relating to the transition to IFRS as well as inflationary increases to employee wages and benefits.

4.2.4 OM&A Cost Per Customer & Full-Time Equivalent

EPLC has prepared a recoverable cost per customer and FTE summary of historical and forecasted OM&A expenses consistent with Board Appendix 2-L as Figure 6 below. A copy of Board Appendix 2-L is also included as Attachment 2-C of this Exhibit.

Figure 6 – EPLC Recoverable Cost per Customer & FTE

	Last Rebasing Year - 2010- Board Approved	Last Rebasing Year - 2010- Actual	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Bridge Year
Reporting Basis	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**
OM&A Costs										
O&M	$ 2,628,858	$ 2,264,259	$ 2,618,021	$ 3,203,433	$ 2,722,482	$ 2,994,470	$ 3,140,788	$ 3,171,328	$ 2,793,823	$ 3,066,671
Admin Expenses	$ 3,571,508	$ 3,216,096	$ 2,928,908	$ 2,989,863	$ 3,304,813	$ 3,709,749	$ 3,623,431	$ 3,810,295	$ 4,473,546	$ 4,643,604
Total Recoverable OM&A from Appendix 2-JB	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**
Number of Customers	30,940	31,200	31,314	31,249	31,521	31,742	31,985	32,346	32,550	32,736
Number of FTEs	57	53	44	44	44	48	44	44	46	46
Customers/FTEs	539.02	588.68	711.68	710.20	716.39	661.29	726.93	735.14	707.61	711.65
OM&A cost per customer										
O&M per customer	$ 84.97	$ 72.57	$ 83.61	$ 102.51	$ 86.37	$ 94.34	$ 98.20	$ 98.04	$ 85.83	$ 93.68
Admin per customer	$ 115.43	$ 103.08	$ 93.53	$ 95.68	$ 104.84	$ 116.87	$ 113.29	$ 117.80	$ 137.44	$ 141.85
Total OM&A per customer	$ 200.40	$ 175.65	$ 177.14	$ 198.19	$ 191.22	$ 211.21	$ 211.48	$ 215.84	$ 223.27	$ 235.53
OM&A cost per FTE										
O&M per FTE	$ 45,798.92	$ 42,721.86	$ 59,500.49	$ 72,805.30	$ 61,874.59	$ 62,384.79	$ 71,381.54	$ 72,075.63	$ 60,735.29	$ 66,666.76
Admin per FTE	$ 62,221.39	$ 60,681.05	$ 66,566.08	$ 67,951.44	$ 75,109.38	$ 77,286.44	$ 82,350.69	$ 86,597.61	$ 97,251.00	$100,947.91
Total OM&A per FTE	**$ 108,020.31**	**$103,402.91**	**$126,066.57**	**$140,756.74**	**$136,983.97**	**$139,671.23**	**$153,732.23**	**$158,673.25**	**$157,986.29**	**$167,614.67**

4.3 Program Delivery and Variance Analysis

4.3.1 Overview

EPLC's various OM&A programs are summarized below as Figure 7. Figure 7 has been completed, consistent with Board Appendix 2-JC which is also included as Attachment 4-D of this Exhibit. All programs align with EPLC's Core Values outlined in Exhibit 1 of this Application and is also consistent with Figure 2 above.

Figure 7 – EPLC OM&A Programs

Description	Last Rebasing Year - 2010-Board Approved	Last Rebasing Year - 2010-Actual	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year	Variance (2018 Test Year vs. 2016 Actuals)	Variance (2018 Test Year vs. 2010 BAP)
Administration												
General Building Expenses	$ 241,203	$ 191,801	$ 384,048	$ 454,397	$ 282,679	$ 284,692	$ 287,490	$ 316,821	$ 338,503	$ 342,304	$ 25,483	$ 101,101
Insurance	$ 30,500	$ 23,911	$ 24,658	$ 16,320	$ 16,984	$ 27,449	$ 21,206	$ 18,944	$ 34,630	$ 34,562	$ 15,619	$ 4,062
Office Supplies	$ 269,633	$ 333,799	$ 368,589	$ 371,682	$ 396,385	$ 402,033	$ 443,140	$ 402,558	$ 448,399	$ 478,697	$ 76,140	$ 209,064
Audit, Legal and Consulting	$ 82,600	$ 101,643	$ 104,384	$ 47,788	$ 115,130	$ 118,220	$ 54,903	$ 64,135	$ 295,597	$ 303,738	$ 239,603	$ 221,138
Regulatory Affairs	$ 162,462	$ 126,894	$ 168,067	$ 168,224	$ 130,878	$ 108,565	$ 146,535	$ 124,953	$ 361,911	$ 393,533	$ 268,580	$ 231,071
Administration & HR Expenses	$ 1,282,045	$ 1,115,992	$ 736,511	$ 748,345	$ 1,024,535	$ 1,587,220	$ 1,415,040	$ 1,514,727	$ 1,457,756	$ 1,501,428	$ (13,299)	$ 219,383
Donations/LEAP Funding	$ -	$ -	$ -	$ -	$ -	$ 13,427	$ 13,427	$ 13,427	$ 13,427	$ 15,795	$ 3,394	$ 16,820
Sub-Total	**$ 2,068,443**	**$ 1,894,041**	**$ 1,786,257**	**$ 1,806,757**	**$ 1,966,590**	**$ 2,541,606**	**$ 2,381,742**	**$ 2,455,564**	**$ 2,950,224**	**$ 3,070,058**	**$ 614,494**	**$ 1,001,615**
Community Relations												
Community Relations	$ 22,500	$ 16,957	$ 11,394	$ 8,539	$ 8,451	$ 10,016	$ 12,013	$ 6,482	$ 23,442	$ 23,396	$ 16,914	$ 896
Sub-Total	**$ 22,500**	**$ 16,957**	**$ 11,394**	**$ 8,539**	**$ 8,451**	**$ 10,016**	**$ 12,013**	**$ 6,482**	**$ 23,442**	**$ 23,396**	**$ 16,914**	**$ 896**
Customer Service												
Bad Debt	$ 187,500	$ 134,911	$ 161,595	$ 229,220	$ 193,645	$ 136,108	$ 190,315	$ 150,478	$ 159,830	$ 159,518	$ 9,040	$ (27,982)
Customer Service & Billings	$ 1,212,670	$ 1,087,957	$ 1,041,611	$ 923,692	$ 1,090,327	$ 931,342	$ 961,804	$ 1,045,162	$ 1,141,734	$ 1,181,144	$ 135,981	$ (31,526)
Customer Collections	$ 80,395	$ 82,230	$ (71,948)	$ 21,656	$ 45,799	$ 90,677	$ 77,557	$ 152,609	$ 198,317	$ 209,488	$ 56,880	$ 129,093
Sub-Total	**$ 1,480,565**	**$ 1,305,098**	**$ 1,131,257**	**$ 1,174,568**	**$ 1,329,771**	**$ 1,158,128**	**$ 1,229,676**	**$ 1,348,249**	**$ 1,499,880**	**$ 1,550,150**	**$ 201,901**	**$ 69,585**
Maintenance												
Emergency Response	$ 273,360	$ 344,695	$ 363,959	$ 330,898	$ 253,549	$ 231,804	$ 286,063	$ 274,797	$ 263,708	$ 259,741	$ (15,056)	$ (13,619)
Field Service Maintenance	$ 106,726	$ 68,103	$ 43,253	$ 30,382	$ 73,450	$ 72,038	$ 51,518	$ 185,984	$ 127,766	$ 57,433	$ (128,551)	$ (49,293)
Meter Maintenance	$ 139,601	$ 85,225	$ 78,060	$ 95,844	$ 17,387	$ 2,848	$ 90,081	$ -	$ 574	$ 568	$ 568	$ (139,033)
Overhead/Underground Maintenance	$ 507,669	$ 640,148	$ 675,925	$ 614,525	$ 470,877	$ 430,493	$ 531,260	$ 510,337	$ 489,744	$ 482,377	$ (27,961)	$ (25,292)
Vegetation Control	$ 356,024	$ 271,632	$ 372,500	$ 812,584	$ 625,237	$ 660,465	$ 792,620	$ 778,165	$ 609,254	$ 666,029	$ (112,136)	$ 310,006
Transformer & Substation Maintenance	$ 134,352	$ 86,847	$ 80,338	$ 128,825	$ 74,925	$ 51,332	$ 56,896	$ 84,367	$ 81,358	$ 82,315	$ (2,053)	$ (52,037)
Sub-Total	**$ 1,517,732**	**$ 1,496,651**	**$ 1,614,034**	**$ 2,013,059**	**$ 1,515,425**	**$ 1,448,980**	**$ 1,808,438**	**$ 1,833,650**	**$ 1,572,404**	**$ 1,548,463**	**$ (285,187)**	**$ 30,731**
Operations												
Cable Locates	$ 356,155	$ 330,052	$ 288,282	$ 329,461	$ 331,484	$ 453,358	$ 595,318	$ 486,799	$ 421,232	$ 451,196	$ (35,603)	$ 95,041
General Customer Inquiries & Misc.	$ 184,215	$ 185,796	$ 370,563	$ 236,541	$ 164,099	$ 127,149	$ 127,633	$ 196,927	$ 229,406	$ 224,633	$ 27,706	$ 40,418
Meter Operations	$ 135,439	$ 58,051	$ 79,937	$ 303,051	$ 408,908	$ 591,129	$ 220,528	$ 213,180	$ 222,133	$ 216,785	$ 3,605	$ 81,346
Station Operations	$ 78,499	$ 17,932	$ 16,130	$ 26,197	$ 25,806	$ 95,716	$ 42,106	$ -	$ -	$ -	$ -	$ (78,499)
Operations Management	$ 160,174	$ 101,155	$ 127,767	$ 185,309	$ 164,399	$ 201,005	$ 104,358	$ 109,215	$ 128,982	$ 365,857	$ 256,642	$ 205,683
Overhead Operations	$ 42,013	$ 14,605	$ 29,826	$ 48,042	$ 38,702	$ 26,559	$ 132,482	$ 167,408	$ 124,519	$ 114,893	$ (52,515)	$ 72,880
Transformer Operations	$ 122,523	$ 40,324	$ 82,151	$ 49,935	$ 46,145	$ 39,021	$ 63,883	$ 52,888	$ 43,444	$ 86,805	$ 33,917	$ (35,718)
Underground Operations	$ 32,108	$ 19,692	$ 9,330	$ 11,838	$ 27,514	$ 11,552	$ 46,040	$ 111,261	$ 51,703	$ 58,040	$ (53,221)	$ 25,932
Sub-Total	**$ 1,111,126**	**$ 767,608**	**$ 1,003,987**	**$ 1,190,375**	**$ 1,207,057**	**$ 1,545,489**	**$ 1,332,350**	**$ 1,337,677**	**$ 1,221,419**	**$ 1,518,208**	**$ 180,530**	**$ 407,082**
Miscellaneous											$ -	$ -
Total	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**	**$ 728,652**	**$ 1,509,909**

Administration

General Building Expense: This program relates to the overall expenses incurred to keep EPLC's Operations Centre, located at 4330 Highway #3, Oldcastle, ON functioning and safe. Costs include utilities, miscellaneous supplies required for maintenance, etc.

Insurance: This program relates to the business related insurance that EPLC requires to operate its business safely and reliably while providing the necessary legal safeguards to itself and its employees.

Office Supplies: This program relates to the general office supplies that EPLC requires in order to effectively manage its day to day business with its customers. Costs range from photocopiers, scanners, computer software and other miscellaneous office supplies.

Audit, Legal and Consulting: This program includes EPLC's cost of its yearly financial audit, the procurement of 3rd party legal assistance, where required and the engagement of any consultants if needed. EPLC has generally used limited legal services and uses various consulting services from time to time. As part of this Application, EPLC is requesting the ongoing use of 3rd party consultants to maintain compliance with the Board's Cybersecurity Framework.

Regulatory Affairs: This program includes all EPLC expenses relating to the connection with formal cases before the Board including fees assessed to EPLC for pay and expenses of the Board, its officers, agents and employees. As of 2017, this program also includes directly allocated and dedicated regulatory employees.

Administration & HR Expenses: This program relates to the compensation of administrative staff not specifically allocated to a specific job or activity as well as the HR related expenses associated with all EPLC staff.

Donations/LEAP Funding: This program includes the cost of administering the Low Income Energy Assistance Program to eligible EPLC electricity customers as well as any donations made to various eligible charities.

Community Relations

Community Relations: This program includes the cost of salaries and wages of employees, 3rd party services and materials directly involved in providing services to the community.

Customer Service

Bad Debt: This program relates to tracking amounts provided for losses on accounts receivable which have become uncollectible.

Customer Service & Billing: This program relates to EPLC's cost of answering various customer inquiries, maintaining a call center and creating and issuing a monthly electricity bill to each of EPLC's electricity customers.

Customer Collections: This program relates to EPLC's cost of collecting amounts receivable from customers related to electricity charges.

Maintenance

Emergency Response: This program relates to costs incurred for work that EPLC completes that is considered emergency. This includes dispatch by police, fire, paramedics or other entities that requires EPLC to respond to. Typical emergency response calls relates to motor vehicle accidents or damaged electrical plant due to weather or other foreign interference requiring immediate assistance.

Field Service Maintenance: This program relates to EPLC representatives performing various asset condition related testing in the field. This testing includes pole testing (hammer test, pole drilling), infrared scanning of various EPLC plant, vegetation growth review in a particular area, etc. Generally, the results of Field Service Maintenance work is used to validate or disprove the need for other, more specific maintenance.

Meter Maintenance: This program relates to various maintenance and upkeep work that EPLC completes on in relation to its metering assets. Typical Meter Maintenance work includes troubleshooting communication issues and investigating and/or replacing failed meters.

Overhead/Underground Maintenance: This program relates to various maintenance and upkeep work that EPLC completes on its distribution system (both overhead and underground plant). Typical Overhead/Underground Maintenance work includes miscellaneous conversion work, investigation of potential problem areas identified through Field Service Maintenance and cleaning and repair of damaged plant.

Vegetation Control: This program relates to the removal or trimming of vegetation on, close or near EPLC assets to prevent damage, interference or failure. EPLC's rigorous vegetation control

program has led to substantial reductions in SAIDI and SAIFI identified in Exhibit 2 (Service Reliability Indicators) of this Application.

Transformer & Substation Maintenance: This program relates to various maintenance and upkeep work that EPLC completes on its transformers and previously on substations (prior to their retirement under the Single Voltage Utility initiative). Typical Transformer & Substation Maintenance work includes miscellaneous conversion work, investigation of potential problem areas identified through Field Service Maintenance, cleaning and repair of damaged plant.

Operations

Cable Locates: This program relates to EPLC's requirement to locate its assets where requested by its customers. Includes locates for all EPLC plant for all customer classifications.

General Customer Inquiries & Misc.: This program relates to EPLC assessing and responding to various customer inquiries including low voltage calls, power quality issues, high bill investigations, and other miscellaneous requests.

Meter Operations: This program relates to various operational work that EPLC completes in relation to its metering assets. Typical Meter Operations work includes troubleshooting meter reading issues, meter data management and ongoing metering compliance.

Station Operations: This program relates to the operational work that EPLC completes on its substations. Typical Station Operations work generally includes supervision, station adjustments (for power quality purposes), inspections and switching. It should be noted that EPLC no longer has any Station Operations effective in 2016 as a result of the Single Voltage Utility initiative.

Operations Management: This program relates to management and supervision required to effectively and safely operate the grid. Included are various health and safety initiatives, system modelling, system optimization and the proposed third party control room initiative planned for the 2018 Test Year.

Overhead Operations: This program relates to the operational work that EPLC completes in relation to its overhead plant. Typical Overhead Operations work includes switching, load transfers, inspections, line-testing and voltage analysis.

Transformer Operations: This program relates to the operational work that EPLC completes on its transformers. Typical Transformer Operations work generally includes testing, inspecting, resetting or removing various transformers (both overhead and underground) in EPLC's system.

Underground Operations: This program relates to the operational work that EPLC completes in relation to its underground plant. Typical Underground Operations work includes switching, load transfers, load tests, inspections, line-testing and voltage analysis.

4.3.2 Program Delivery Variance Analysis

For the purpose of this variance analysis, EPLC has identified variances highlighted in Figure 7 above, which are greater than EPLC's calculated materiality threshold. Further information about EPLC's materiality threshold calculation can be found in Exhibit 1 of this Application. For the following analysis, EPLC has used $65,000 as its materiality threshold.

Consistent with Board Appendix 2-JC, EPLC compared 2018 Test Year with 2010 BAP values and the 2016 Actuals with the 2010 BAP values.

General Building Expenses

2018 Test Year General Building expenses of $342,304 are $101,101 (41.9%) higher than 2010 BAP and $25,483 (8.0%) higher than 2016 Actual expenditures. EPLC consolidated all regulated activities to its Oldcastle Service Station in 2012 (outside staff were moved in 2003, all other positions moved in 2012). As EPLC moved out of the Essex Civic Centre in 2012, it reduced its rent expense however needed to invest more heavily in maintaining its sole service station located on Highway #3 in Tecumseh, Ontario.

Office Supplies

2018 Test Year Office Supplies expense of $478,697 are $209,064 (77.5%) higher than 2010 BAP and $76,140 (18.9% higher than 2016 Actual expenditures. This was as a result of increases beyond the rate of inflation on general and miscellaneous supplies as well as maintenance fees associated with various software solutions including but not limited to EPLC's financial system, GIS, work estimation and others.

Audit, Legal & Consulting

2018 Test Year Audit, Legal & Consulting expenses of $303,738 are $221,138 (267.7%) higher than 2010 BAP and $239,603 (373.6%) higher than 2016 Actual expenditures. 3rd party consulting costs are increasing in 2017 and 2018 as a result of one of EPLC's primary OM&A cost drivers identified in Section 4.1.2 of this Exhibit. In 2017, EPLC is investing in its IT infrastructure in order to be compliant with the Board's proposed Cybersecurity Framework (EB-2016-0032). For additional information about the capital requirements of the Cybersecurity Framework, please refer to Exhibit 2 of this Application. Planned OM&A increases related to the Cybersecurity Framework equate to $286,463 in 2017 and will be required moving forward. These costs relate to the acquisition of 3rd party IT experts that will ensure/provide:

- Managed detection and response services;
- Network Interceptor Capabilities;
- Continuous Vulnerability Scanning;
- Threat Intelligence;
- Security Portal & Reporting;
- 24/7 Security Operations Centre;

Regulatory Affairs

2018 Test Year Regulatory Affairs expense of $393,533 are $231,071 (142.2%) higher than 2010 BAP and $268,580 (214.9%) higher than 2016 Actual expenditures. Regulatory Affairs costs are increasing in 2017 and 2018 as a result of one of EPLC's primary OM&A cost drivers identified in Section 4.1.2 of this Exhibit. EPLC previously had partial FTEs allocated to various regulatory functions however did not previously have dedicated regulatory staff whose sole responsibility was regulatory accounting, review and compliance. EPLC has added the Regulatory Accounting Analyst position in 2016 and the Manager of Regulatory Accounting in 2017. For additional information about these positions, please refer to section 4.4 of this Exhibit.

Admin & HR Expenses

2018 Test Year Admin & HR expenses of $1,501,428 are $219,383 (17.1%) higher than 2010 BAP and $13,299 (-0.9%) lower than 2016 Actual expenditures.

The variance is primarily related to the inflationary increases in employee wages and benefits.

Customer Service & Billings

2018 Test Year Customer Service & Billing expenses of $1,181,144 are $31,526 (-0.3%) lower than 2010 BAP and $135,981 (13.0%) higher than 2016 Actual expenditures.

EPLC has controlled Customer Service & Billing costs reasonably since 2010 by working closely with 3rd party subject matter experts and consultants as well as revenue offsets from water billing. The reduction in Customer Service & Billings are due to productivity efficiencies and associated staff reductions, partially offset by increases in rates paid to EPLC's 3rd party meter reading provider along with its 3rd party billing provider. With water billing customers (ie. Municipalities) internalizing their own billing functions, EPLC is currently evaluating the cost structure of its Customer Service & Billing department to ensure optimization of cost and customer benefit.

Customer Collections

2018 Test Year Customer Collection expenses of $209,488 are $129,093 (160.6%) higher than 2010 BAP and $56,880 (37.3%) higher than 2016 Actual expenditures. This is a result of the loss of a water billing customer (which previously offset cost of approximately $70,000) and inflationary increases to wages as described in section 4.4 below.

Field Service Maintenance

2018 Test Year Field Service Maintenance expenses of $57,433 are $49,293 (-46.2%) lower than 2010 BAP and $128,551 (-69.1%) lower than 2016 Actual expenditures. EPLC has performed significant Field Service work since 2010 and plans to reduce spending going into the Test Year by $70,333. EPLC has identified that less spending in Field Service work can be achieved over the course of the next five years considering the amount of work completed in recent years.

Meter Maintenance

2018 Test Year Meter Maintenance expenses of $568 are $139,033 (-99.6%) lower than 2010 BAP and $568 higher than 2016 Actual expenditures. Meter maintenance costs have been reduced significantly by $139,159 as a result of a different allocation methodology applied by EPLC as well as reduced overall costs associated with the Smart Metering Initiative. Since 2014, EPLC has allocated most meter related OM&A costs to the Meter Operations work program.

Further, EPLC has seen an overall decrease to the number of metering hardware related issues since the implementation of the Smart Metering Initiative.

Vegetation Control

2018 Test Year Vegetation Control expenses of $666,029 are $310,006 (87.1%) higher than 2010 BAP and $112,136 (-14.4%) lower than 2016 Actual expenditures. EPLC has made significant investments in vegetation control since its last Cost of Service application in 2010 and has seen a corresponding improvement in reliability statistics. While EPLC does not believe that it will be required to continue spending at levels similar to 2012 through 2016, EPLC strongly believes that a rigorous vegetation control program is one of the primary programs that LDCs can offer to significantly improve reliability.

Cable Locates

2018 Test Year Cable Locate expense of $451,196 are $95,041 (26.7%) higher than 2010 BAP and $35,603 (-7.3%) lower than 2016 Actual expenditures. The 2010 to 2018 increase relates primarily to general inflationary increases for a 3rd party service provider along with a higher demand for locates as a result of the Herb Gray Parkway in 2014-2016.

Meter Operations

2018 Test Year Meter Operations expenses of $216,785 are $81,346 (60.1%) higher than 2010 BAP and $3,605 (1.7%) higher than 2016 Actual expenditures. A large portion of this variance relates to the Meter Maintenance re-allocation described in this section above along with general inflationary increases to employee wages and benefits.

Stations Operations

2018 Test Year Stations Operations expense of $0 are $78,499 (-100.0%) lower than 2010 BAP and $0 (0.0%) lower than 2016 Actual expenditures. As part of EPLC's Single Voltage Utility initiative (described further in Exhibit 2 of this Application), EPLC successfully retired all distribution substations feeding its customers in 2015. These retirements are the root cause of the variance. EPLC does not project any further cost associated with Station Operations in the 2018 Test Year and beyond.

Operations Management

2018 Test Year Operations Management expenses of $365,857 are $205,683 (128.4%) higher than 2010 BAP and $256,642 (235.0%) higher than 2016 Actual expenditures. Operations Management costs are increasing in 2018 as a result of one of EPLC's primary OM&A cost drivers identified in Section 4.1.2 of this Exhibit. The initiative driving OM&A increases to Operations Management is 3rd party Control Room support. As part of its Self-Healing Grid initiative (see Exhibit 2 for additional information) as well as through is SmartMAP software implementation (see Exhibit 1, section 1.4.2 for additional information), EPLC is planning to upgrade its current operations to include 3rd party control room support from industry experts. These experts will allow EPLC to add another layer of visibility to its system, enhance after-hours customer service, increase response times and with the implementation of the Self-Healing Grid initiative in the coming years, even optimize switching automation to reduce Loss of Supply incidents and severity for EPLC customers.

Overhead Operations

2018 Test Year Overhead Operations expenses of $114,893 are $205,683 (128.4%) higher than 2010 BAP and $52,515 (-31.4%) lower than 2016 Actual expenditures. This variance relates to a focus shift to Overhead plant as EPLC begins more overhead related conversion work, mainly in older residential areas.

4.4 Employee Compensation

4.4.1 Overview

EPLC's Employee Compensation is intended to be fair, competitive and equitable for all employees with the intent of attracting, retaining and training the best and most qualified people possible. EPLC's typical compensation package includes base wage and benefits as well as incentive based compensation for non-unionized staff.

Unionized Employees

EPLC's current and projected workforce is comprised of approximately 76% unionized employees. EPLC negotiates compensation with unionized employees through the collective bargaining process for both inside and outside employees. Unionized employees are represented by the International Brotherhood of Electrical Workers ("IBEW"), Local 636. IBEW represents approximately 750,000 unionized members across the construction, utilities, manufacturing, telecom, broadcasting, rail and government sectors.

Figure 8 below outlines EPLC's negotiated compensation increases for unionized employees, both inside and outside, from 2008 through to 2019.

Figure 8 – EPLC Collective Bargaining Agreement Summary

Effective Date	Wage Increase	Agreement Expiry
April 1st, 2008	3%	March 31st, 2011
April 1st, 2009	3%	
April 1st, 2010	3%	
April 1st, 2011	2%	March 31st, 2015
April 1st, 2012	2%	
April 1st, 2013	2%	
April 1st, 2014	2%	
April 1st, 2015	2%	March 31st, 2019
April 1st, 2016	2%	
April 1st, 2017	2%	
April 1st, 2018	2%	

EPLC has worked diligently and jointly with the IBEW and its unionized employees to ensure fair and reasonable wage increases while also minimize cost to EPLC ratepayers. In preparation for any re-negotiation of a collective bargaining agreement, EPLC management studies and assesses other local LDCs in Southwestern Ontario for the period of time in question. EPLC has been historically at or slightly below regional wage increase trends.

Management & Executive Employees

Prior to 2011, EPLC utilized a compensation structure that was largely the result of legacy policies from each of the previously existing municipal PUCs, prior to the formation of Essex Power Corporation. Since 2011, EPLC has been participating in yearly MEARIE salary benchmarking surveys. These confidential surveys benchmark a group of approximately 41 Ontario LDCs and 50 benchmark positions representing a cross-section of functions within each LDC. Participating southwestern LDCs include:

- Bluewater Power Distribution;
- Brantford Power Inc.;
- E.L.K. Energy Inc.;
- Entegrus Inc.;
- Enwin Utilities Inc.;
- Festival Hydro Inc.;
- London Hydro Inc.;

The 50 benchmark positions that the survey considers includes, but are not limited to:

- Senior Management (ie. President & CEO, COO, CFO, Head of Regulatory, etc.);
- Administration (ie. Executive Assistant, Administrative Assistant, etc.);
- Engineering (ie. Director of Engineering, Project Engineer, Distribution Engineer, etc.);
- Operations (ie. Director of Operations, Line Supervisor, etc.);
- Accounting/Finance (ie. Controller, Manager of Accounting, Financial Analyst, etc.);
- Customer Service (ie. Director of Customer Service, Supervisor of Customer Service, etc.);
- Conservation & Demand Management (Rate Analyst, Conservation and Demand Management Officer, etc.);
- Information Technology (Manager of Information System, Director of Information Systems, etc.);
- Communications (Director of Communications, Manager of Communications, etc.);

- Human Resources (Human Resources Manager, Human Resources Coordinator, etc.);

In 2012, EPLC also engaged HCI Consulting Inc. to complete a Compensation Program Review for its management and non-union employees. The key objectives of the Compensation Program Review include:

i) Assessment of market positioning and competitiveness of current compensation practices;
ii) Review appropriateness of EPLC's current compensation administration program;
iii) Identify internal pay relationships that require adjustments;
iv) Develop internally equitable and externally competitive compensation structure covering all jobs;

The Compensation Program Review also suggested updates to EPLC's job evaluation methodology. As a result, EPLC implemented the HCI Point Factor Job Evaluation System in 2012 which evaluated employees based on:

- Skill (Education, experience, problem solving, judgement & complexity);
- Effort (Mental and physical effort);
- Working Conditions (Disagreeable or hazardous conditions);
- Responsibility (Decision making, consequence of action/error, interpersonal skills/contacts, leadership, resource responsibility);

Pay Equity

EPLC complies with the *Ontario Pay Equity Act*. EPLC last updated its Pay Equity Policy in 2005, 2009 and 2011 respectively. EPLC is planning to review and update its Pay Equity Policy in 2018/2019 to ensure periodic review and compliance.

EPLC does not foresee any upcoming Pay Equity related issues in 2017 or 2018 and no additional cost has been included in this Application for Pay Equity related items.

Benefits

Benefits for EPLC management and unionized employees are different but largely the same. Unionized employees have benefit plans that are subject to the Collective Bargaining process and can change as a result. Generally, benefits for EPLC management and other non-union employees closely mirror the unionized employee benefits.

Current benefit packages generally include:

- Post-retirement benefits to age 65;
- Employer's portion of government taxes;
- Leave policies;
- Health & Safety protection and considerations;
- Disability and life insurance coverage;
- Health & dental coverage;
- Company sponsored retirement plan through OMERS;

Aging Demographics

Consistent with many distributors in Ontario, EPLC is dealing with a rapidly aging workforce. Figures 9 through 11 below outline the breakdown of EPLC Employee age distribution for union and non-union employees.

Figure 9 – Union Age Demographics

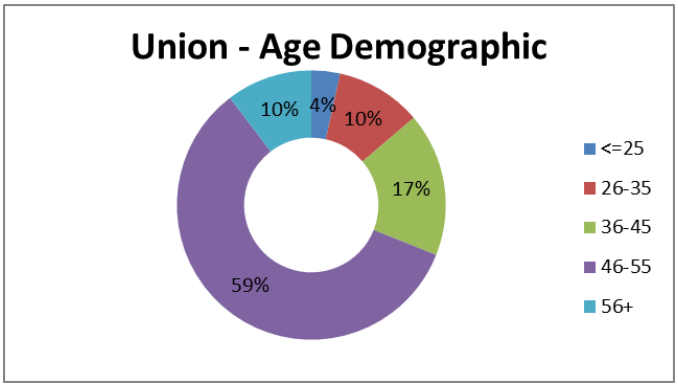
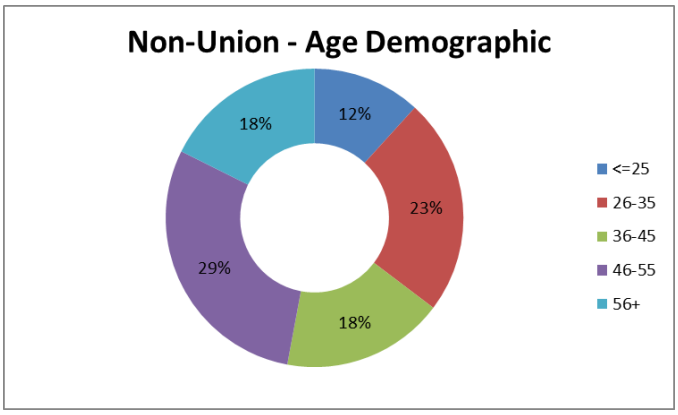


Figure 10 – Non-Union Age Demographics



EPLC is continually working to ensure that retiring and departing employees are replaced with competent and skilled equivalents. For lineman apprentices, EPLC has partnered with St. Clair College, along with other Southwestern LDCs in the development of the Powerline Technician program and is pleased to have recruited its first apprentice from that initiative.

Employee Turnover

Figure 11 below outlines EPLC's historical employee turnover.

Figure 11 – EPLC Employee Turnover

Deparment	2010 Actuals	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Bridge Year
Billing & Collecting	1	0	3	0	1	0	1	0	0
Engineering & Metering	0	0	0	0	0	2	0	0	0
Operations	1	3	1	1	2	1	1	1	0
IT	0	0	0	0	0	0	0	0	0
Regulatory	0	0	0	0	0	0	2	0	0
Finance	0	0	0	1	0	2	0	0	0
Administrative	0	0	0	0	0	0	0	0	0
Total	**2**	**3**	**4**	**2**	**3**	**5**	**4**	**1**	**0**

Of the twenty four historical departures identified above, approximately 80% were retirement related and the remaining 20% of departures were for other positions. EPLC continues to actively monitor retirements and employee departures closely as replacing key roles within the organization continues to be a major challenge for all LDCs, but even more so in southwestern Ontario with only a small number of regionally segregated LDCs still in operation.

EPLC is not forecasting any retirements in 2018 however EPLC also respects the fact that the decision to retire is private and personal for each individual employee. EPLC has had one operations department departure in 2017. Given EPLC's age demographic outlined above, EPLC is developing a detailed succession plan for 2019 and beyond for both unionized and management employees.

4.4.2 FTE & Employee Costs

Consistent with Board Appendix 2-K, EPLC has summarized its employee complement by FTE, compensation and benefits in Figure 12 below. EPLC has included historical years from 2010 through 2016 as well as the 2017 Bridge and 2018 Test years. A completed copy of Board Appendix 2-K is also included as Attachment 4-G of this Exhibit.

EPLC's employee structure has remained relatively consistent between 2011 and 2016. EPLC projects this level of consistency into the 2017 Bridge and 2018 Test Years as well.

Figure 12 – EPLC FTE & Employee Costs

Description	Last Rebasing Year - 2010-Board Approved	Last Rebasing Year - 2010-Actual	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Number of Employees (FTEs including Part-Time)										
Management (including executive)	12	15	15	12	12	13	12	10	11	11
Non-Management (union and non-union)	45	38	29	32	32	35	32	34	35	35
Total	**57**	**53**	**44**	**44**	**44**	**48**	**44**	**44**	**46**	**46**
Total Salary and Wages including ovetime and incentive pay										
Management (including executive)	$ 1,020,892	$ 1,235,240	$ 1,151,468	$ 1,067,030	$ 1,067,391	$ 1,110,844	$ 1,052,468	$ 969,389	$1,127,378	$ 1,149,926
Non-Management (union and non-union)	$ 3,086,722	$ 2,582,457	$ 1,916,942	$ 2,385,412	$ 2,382,334	$ 2,645,925	$ 2,721,429	$ 2,883,015	$2,838,207	$ 2,894,971
Total	**$ 4,107,614**	**$ 3,817,697**	**$ 3,068,410**	**$ 3,452,442**	**$ 3,449,725**	**$ 3,756,769**	**$ 3,773,897**	**$ 3,852,404**	**$3,965,585**	**$ 4,044,897**
Total Benefits (Current + Accrued)										
Management (including executive)	$ 210,560	$ 251,109	$ 294,304	$ 241,866	$ 237,232	$ 233,455	$ 223,354	$ 217,211	$ 266,096	$ 213,995
Non-Management (union and non-union)	$ 630,555	$ 524,981	$ 489,952	$ 540,707	$ 529,482	$ 556,068	$ 577,539	$ 645,996	$ 669,904	$ 683,005
Total	**$ 841,115**	**$ 776,090**	**$ 784,256**	**$ 782,573**	**$ 766,714**	**$ 789,523**	**$ 800,893**	**$ 863,207**	**$ 936,000**	**$ 897,000**
Total Compensation (Salary, Wages, & Benefits)										
Management (including executive)	$ 1,231,452	$ 1,486,349	$ 1,445,772	$ 1,308,896	$ 1,304,623	$ 1,344,299	$ 1,275,822	$ 1,186,600	$1,393,474	$ 1,363,920
Non-Management (union and non-union)	$ 3,717,277	$ 3,107,438	$ 2,406,894	$ 2,926,119	$ 2,911,816	$ 3,201,993	$ 3,298,968	$ 3,529,011	$3,508,111	$ 3,577,977
Total	**$ 4,948,729**	**$ 4,593,787**	**$ 3,852,666**	**$ 4,235,015**	**$ 4,216,439**	**$ 4,546,292**	**$ 4,574,790**	**$ 4,715,611**	**$4,901,585**	**$ 4,941,897**

Since the labour dispute in 2011, EPLC has been able to effectively re-structure its staffing requirements for both management and non-management positions to operate more efficiently. Since 2010, EPLC has been able to effectively reduce FTE counts by approximately 7 when compared to the 2016 Actuals, 2017 Bridge and 2018 Test Years. EPLC has been able to effectively reduce these heads counts through retirements and departures, restructuring job duties for management staff and by leveraging affiliate staff, where required. A summary of EPLC's affiliate usage, by department, is summarized below as Figure 13. It should be noted that FTE counts in Figure 13 are above and beyond what is reported in Figure 12.

Figure 13 – Affiliate Allocations

Deparment	2010 BAP	2010 Actuals	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Bridge Year
Billing & Collecting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Engineering & Metering	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IT	0.0	0.0	1.0	1.8	1.7	1.6	1.6	1.8	0.6	0.6
Regulatory	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4
Finance	0.0	0.0	0.0	1.0	0.1	0.5	0.5	0.5	0.5	0.5
Administrative	2.3	1.9	1.6	2.6	3.2	3.2	2.4	2.0	1.2	1.2
Total	**2.3**	**2.9**	**2.6**	**5.4**	**5.0**	**5.7**	**4.9**	**4.7**	**2.7**	**2.7**

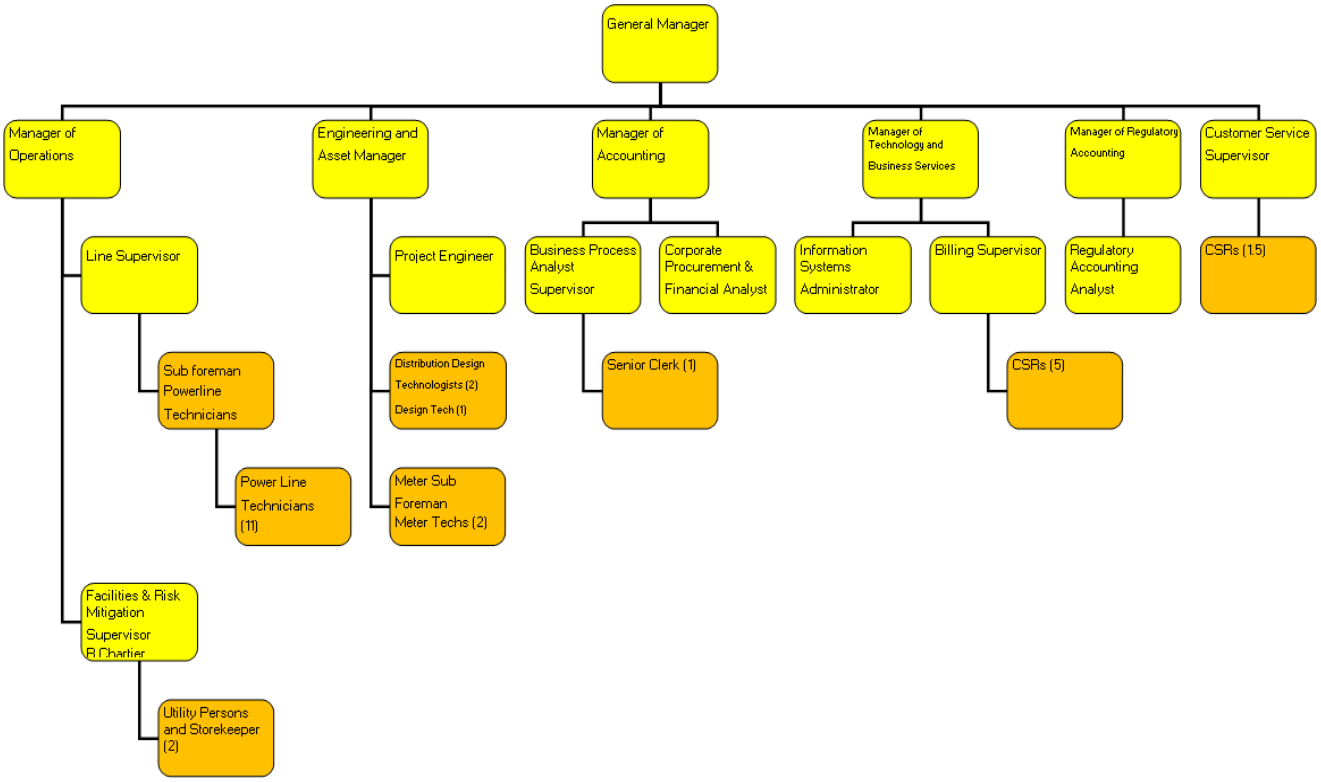
As a result of the efficiencies that EPLC has been able to attain through FTE re-alignment, EPLC estimates that it has been able to effectively reduce OM&A costs by approximately $400,000-500,000.

EPLC calculated the FTE totals in Figure 12 above by pro-rating new employees based on their starting month in a given year, pro-rating departing employees based on their last month of work. EPLC included co-op students and contract employees in this analysis. EPLC excluded Board of Directors and employees dedicated to non-rate regulated activities in affiliates.

The salary and wage figures above include all salaries and wages paid, including incentive pay, overtime, vacation, holidays, sick leave, bereavement and other miscellaneous paid leave. Further, the benefit figures above include EPLC's portion of all statutory benefits including CPP, EI, EHT, WSIB, OMERS, LTD insurance, life insurance, health benefits and other miscellaneous benefits. Further details relating to EPLC's paid benefits are summarized in section 4.4.5 of this Exhibit.

EPLC's current organizational chart is included below as Figure 14.

Figure 14 – EPLC Organizational Chart



4.4.3 FTE By Department

Figure 13 below outlines an EPLC estimated FTE count by department for 2010 BAP, historical years 2010 through 2016 and as projected for the 2017 Bridge and 2018 Test Years.

It should be noted that FTE counts are not consistent with values presented in Board Appendix 2-K , also included as Attachment 4-G of this Exhibit as only employees that are 100% allocated to EPLC and paid by EPLC counted in this Appendix. For clarity, partial FTEs allocated to EPLC via Shared Services (outlined below in section 4.5 of this Exhibit) are not included in Board Appendix 2-K. Figure 15 below includes FTE allocations and shared services from Essex Power Corporation, mainly IT, HR and admin. Allocations from EPC are detailed further in section 4.5.

Figure 15 – EPLC FTE By Department

Deparment	2010 BAP	2010 Actuals	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Bridge Year
Billing & Collecting	13.6	11.1	10.2	9.5	10.5	11.3	9.4	9.4	9.2	9.2
Engineering & Metering	10.3	10.2	7.5	7.7	8.0	8.8	7.2	7.0	7.7	7.7
Operations	27.5	26.7	21.0	20.7	21.6	23.5	21.0	21.4	20.7	20.7
IT	1.0	1.0	1.0	1.8	1.7	1.6	1.6	2.8	2.6	2.6
Regulatory	1.0	1.0	1.3	1.0	1.0	1.7	2.4	2.0	2.1	2.1
Finance	3.0	3.0	3.0	4.4	2.0	2.7	3.8	3.4	3.1	3.1
Administrative	3.3	2.9	1.6	3.6	4.2	4.2	3.4	3.0	3.2	3.2
Total	**59.7**	**55.8**	**45.5**	**48.6**	**49.0**	**53.8**	**48.7**	**48.8**	**48.4**	**48.4**

The FTE drop in Operations and Billing & Collecting from 2010 to 2011 is a result of the retirement of three individuals as well as a labour dispute in 2011.

Increases in 2014 are a result of incremental apprentices being hired in anticipation of known upcoming retirements and departures. Figure 11 above outlines EPLC's turnover rates.

Since 2016 and included in the 2018 Test Year, EPLC has included four new positions that reflect a re-alignment of previous positions and were not previously considered in EB-2009-0143. All new positions are offset by previous retirements, departures or re-structuring. These positions include:

i) **Manager of Technology & Business Services**: Re-aligned to EPLC from EPC in 2016, the Manager of Technology & Business Services is responsible for all IT functions for EPLC including Cyber Security, technology strategy, software/hardware implementation, etc. While portions of the Manager of Technology & Business Services were allocated to EPLC to oversee technology deployment and alignment, the Cyber Security Framework is the primary reason why this resource would need to be fully allocated to EPLC.

ii) **Manager of Regulatory Accounting:** With the restructuring of its Regulatory department in 2016, EPLC promoted its existing Regulatory Accounting Analyst (see

description in item iii) below) to the position of Manager of Regulatory Accounting. Previously, EPLC had not had a dedicated resource solely responsible for regulatory compliance and reporting. Given the growing complexity of the industry, EPLC determined that it was necessary to invest in its Regulatory department to better enhance regulatory controls and oversight for the organization.

iii) **Regulatory Accounting Analyst:** EPLC previously had a regulatory analyst that was partially responsible and dedicated to operations as well as regulatory compliance. With the departure of this individual in 2016, EPLC hired a Regulatory Accounting Analyst whose sole responsibility was to oversee the regulatory compliance and reporting for EPLC.

iv) **Corporate Procurement & Financial Analyst:** With the operational vacancy created by the departure of the regulatory and operations analyst, EPLC hired a procurement and financial analyst to help with the daily complexities of purchasing, job packaging and financial analysis.

4.4.4 FTEs, Wages & Benefits Variance Analysis

Consistent with Board Appendix 2-K and included as Attachment 4-G of this Exhibit, EPLC has included Figure 16 below which outlines year over year variances of EPLC FTEs and wages & benefits. For the purpose of this analysis, EPLC has included the 2010 BAP, historical years 2010 through 2016 and the 2017 Bridge and 2018 Test years.

Figure 16 – EPLC FTE, Wages & Benefits Variance Analysis

Description	Last Rebasing Year - 2010-Board Approved	Last Rebasing Year - 2010-Actual	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Number of Employees (FTEs including Part-Time)										
Management (including executive)	12	15	15	12	12	13	12	10	11	11
Non-Management (union and non-union)	45	38	29	32	32	35	32	34	35	35
Total	**57**	**53**	**44**	**44**	**44**	**48**	**44**	**44**	**46**	**46**
Total Salary and Wages including ovetime and incentive pay										
Management (including executive)	$ 1,020,892	$ 1,235,240	$ 1,151,468	$ 1,067,030	$ 1,067,391	$ 1,110,844	$ 1,052,468	$ 969,389	$ 1,127,378	$ 1,149,926
Non-Management (union and non-union)	$ 3,086,722	$ 2,582,457	$ 1,916,942	$ 2,385,412	$ 2,382,334	$ 2,645,925	$ 2,721,429	$ 2,883,015	$ 2,838,207	$ 2,894,971
Total	**$ 4,107,614**	**$ 3,817,697**	**$ 3,068,410**	**$ 3,452,442**	**$ 3,449,725**	**$ 3,756,769**	**$ 3,773,897**	**$ 3,852,404**	**$ 3,965,585**	**$ 4,044,897**
Total Benefits (Current + Accrued)										
Management (including executive)	$ 210,560	$ 251,109	$ 294,304	$ 241,866	$ 237,232	$ 233,455	$ 223,354	$ 217,211	$ 266,096	$ 213,995
Non-Management (union and non-union)	$ 630,555	$ 524,981	$ 489,952	$ 540,707	$ 529,482	$ 556,068	$ 577,539	$ 645,996	$ 669,904	$ 683,005
Total	**$ 841,115**	**$ 776,090**	**$ 784,256**	**$ 782,573**	**$ 766,714**	**$ 789,523**	**$ 800,893**	**$ 863,207**	**$ 936,000**	**$ 897,000**
Total Compensation (Salary, Wages, & Benefits)										
Management (including executive)	$ 1,231,452	$ 1,486,349	$ 1,445,772	$ 1,308,896	$ 1,304,623	$ 1,344,299	$ 1,275,822	$ 1,186,600	$ 1,393,474	$ 1,363,920
Non-Management (union and non-union)	$ 3,717,277	$ 3,107,438	$ 2,406,894	$ 2,926,119	$ 2,911,816	$ 3,201,993	$ 3,298,968	$ 3,529,011	$ 3,508,111	$ 3,577,977
Total	**$ 4,948,729**	**$ 4,593,787**	**$ 3,852,666**	**$ 4,235,015**	**$ 4,216,439**	**$ 4,546,292**	**$ 4,574,790**	**$ 4,715,611**	**$ 4,901,585**	**$ 4,941,897**
Description		**2010 BAP vs. 2010 Act**	**2011 Act vs. 2010 Act.**	**2012 Act vs. 2011 Act.**	**2013 Act vs. 2012 Act.**	**2014 Act vs. 2013 Act.**	**2015 Act vs. 2014 Act.**	**2016 Act vs. 2015 Act.**	**2017 Bridge vs. 2016 Act**	**2018 Test vs. 2017 Bridge**
Number of Employees (FTEs including Part-Time)										
Management (including executive)		3.0	-	(3.0)	-	1.0	(1.0)	(2.0)	1.0	-
Non-Management (union and non-union)		(7.4)	(9.0)	3.0	-	3.0	(3.0)	2.0	1.0	-
Total		**- 4**	**- 9**	**-**	**-**	**4**	**- 4**	**-**	**2**	**-**
Total Salary and Wages including ovetime and incentive pay										
Management (including executive)		$ 214,348	$ (83,772)	$ (84,438)	$ 361	$ 43,453	$ (58,376)	$ (83,079)	$ 157,989	$ 22,548
Non-Management (union and non-union)		$ (504,265)	$ (665,515)	$ 468,470	$ (3,078)	$ 263,591	$ 75,504	$ 161,586	$ (44,808)	$ 56,764
Total		**$ (289,917)**	**$ (749,287)**	**$ 384,032**	**$ (2,717)**	**$ 307,044**	**$ 17,128**	**$ 78,507**	**$ 113,181**	**$ 79,312**
Total Benefits (Current + Accrued)										
Management (including executive)		$ 40,549	$ 43,195	$ (52,438)	$ (4,635)	$ (3,776)	$ (10,101)	$ (6,143)	$ 48,885	$ (52,101)
Non-Management (union and non-union)		$ (105,574)	$ (35,029)	$ 50,755	$ (11,224)	$ 26,585	$ 21,471	$ 68,457	$ 23,908	$ 13,101
Total		**$ 776,090**	**$ 784,256**	**$ 782,573**	**$ 766,714**	**$ 789,523**	**$ 800,893**	**$ 863,207**	**$ 936,000**	**$ 897,000**
Total Compensation (Salary, Wages, & Benefits)										
Management (including executive)		$ 254,897	$ (40,577)	$ (136,876)	$ (4,274)	$ 39,677	$ (68,477)	$ (89,222)	$ 206,874	$ (29,554)
Non-Management (union and non-union)		$ (609,839)	$ (700,544)	$ 519,225	$ (14,302)	$ 290,176	$ 96,975	$ 230,043	$ (20,900)	$ 69,865
Total		**$ 776,090**	**$ 784,256**	**$ 782,573**	**$ 766,714**	**$ 789,523**	**$ 800,893**	**$ 863,207**	**$ 936,000**	**$ 897,000**

2010 BAP vs. 2010 Actual

EPLC experienced two unexpected retirements in the 2010 Actual year when compared to the 2010 BAP values. 2010 Actual was also the year allocations from affiliates were formally changed. See Figure 13 above for additional information about EPLC allocations and FTEs by department. EPLC also hired a new Operations Manager in 2010. This position was vacant since 2008.

The compensation related variances are the result of the changes to EPLC's allocation changes as well as corresponding increases related to the hiring of the Operations Manager position.

2010 Actual vs. 2011 Actual

The majority of the variance from 2011 Actual to 2010 Actual for both FTE counts and total compensation are a result of a labour dispute for approximately three months (April 7th to July 9th, 2011) in 2011. As a result, union related compensation and FTE counts are down

significantly. EPLC also experienced three departures/retirements in the Operations Department in 2011.

2011 Actual vs. 2012 Actual

The FTE variance from 2012 Actual to 2011 Actual is a result of four departures/retirements. Three of these retirements occurred in EPLC's Billing & Collecting department whereby the Senior Management responsible for Billing & Customer Care retired along with two longstanding customer service representatives. The unionized positions were replaced however the Manager, Customer Care was not replaced as EPLC attempted to reduce costs in this department. EPLC instead hired a Customer Service Supervisor.

The compensation related variances are a result of a return to normal levels of compensation for union employees which was tied to the labour dispute in 2011. Management compensation decreased due to decreased overtime, in relation to the 2011 labour dispute, as well as the retirement of the Manager, Customer Care.

2012 Actual vs. 2013 Actual

There are no material variances for the 2013 Actual to 2012 Actual time period.

2013 Actual vs. 2014 Actual

The FTE variance from 2014 Actual to 2013 Actual is a result of a maternity leave replacement in the finance department, a new customer service representative in the Billing & Collecting department and two new linemen to replace known and upcoming retirements/departures.

The compensation related variances are directly the result of the incremental hires described above and their resulting salary, wages and benefits.

2014 Actual vs. 2015 Actual

The FTE and compensation related variances from 2015 Actual to 2014 Actual are a result of the departure of the finance department maternity leave replacement, two retirements in the metering department and two departures/retirements in the finance department. Both finance department vacancies were filled the same year.

The compensation related variances are related to yearly increases in salary, wages and benefits for non-management employees. The decrease to management expenses are a result

of having the vacant management positions described above for a period of time during the year.

2015 Actual vs. 2016 Actual

The FTE and compensation related variances from 2016 Actual to 2015 Actual are the result of two departures in EPLC's regulatory/finance departments as well as the resulting re-alignment additions of the following positions. EPLC's intention with the re-alignment of its regulatory department was to place a strategic emphasis on regulatory accounting, regulatory strategy and regulatory compliance.

- **Manager of Regulatory Accounting:** With the restructuring of its Regulatory department in 2016, EPLC promoted its existing Regulatory Accounting Analyst to the position of Manager of Regulatory Accounting. Previously, EPLC had not had a dedicated resource solely responsible for regulatory compliance and reporting. Given the growing complexity of the industry, EPLC determined that it was necessary to invest in its Regulatory department to better enhance regulatory controls and oversight for the organization.

- **Regulatory Accounting Analyst:** EPLC previously had a regulatory analyst that was partially responsible and dedicated to operations as well as regulatory compliance. With the departure of this individual in 2016, EPLC hired a Regulatory Accounting Analyst whose sole responsibility was to oversee the regulatory compliance and reporting for EPLC.

2016 Actual vs. 2017 Bridge

The FTE and compensation related variances from 2017 Bridge to 2016 Actual are the result of additions of the following positions:

- **Manager of Technology & Business Services**: Re-aligned to EPLC from EPC in 2016, the Manager of Technology & Business Services is responsible for all IT functions for EPLC including Cyber Security, technology strategy, software/hardware implementation, etc. While portions of the Manager of Technology & Business Services were allocated to EPLC to oversee technology deployment and alignment, the Cyber Security Framework is the primary reason why this resource would need to be fully allocated to EPLC;

- **Corporate Procurement & Financial Analyst:** With the operational vacancy created by the departure of the regulatory and operations analyst, EPLC hired a procurement and financial analyst to help with the daily complexities of purchasing, job packaging and financial analysis;

2017 Bridge vs. 2018 Test

There are no variances for the 2018 Test to 2017 Bridge relating to changes in FTEs.

The compensation related variances are solely related to yearly increases in salary, wages and benefits for non-management employees.

4.4.5 Employee Benefit Programs

EPLC offers the following statutory benefits summarized below:

- Canada Pension Plan ("CPP");
- Employment Insurance ("EI");
- Employer Health Tax ("EHT");
- Workplace Safety Insurance Board ("WSIB");

EPLC offers the following company benefits summarized below:

- **Ontario Municipal Employee Retirement Savings ("OMERS");**
- **Long Term Disability ("LTD")** – administered through the MEARIE Group;
- **Life Insurance** - administered through the MEARIE Group;
- **Health Care Benefits** – includes dental, vision, medical, etc. Administered through Green Shield Canada;
- **Employee Assistance Program ("EAP")** – program offered to assist employees and/or their families with various health, work and life related issues;
- **Safety Equipment Allowance Program** – Reimbursement for various safety articles includes shoes, hardhat, reflective clothing, etc.;
- **Fitness Reimbursement Program** – incentive for employees to join various fitness related groups including gyms, running clubs, yoga classes, etc.;

Figure 17 below outlines EPLC's Benefit Expenses by category. As evidenced below, year over year increases are mainly related to increases related to Health Care Benefits and the OMERS pension plan.

Figure 17 – EPLC Benefit Expenses

Description	2010 Actuals	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Employee Benefit Expense	$ -	$ 162,669	$ -	$ -	$ -	$ 441	$ (441)	$ -	$ -
EI - Employer Portion	$ 52,500	$ 49,111	$ 54,714	$ 56,322	$ 58,196	$ 55,347	$ 60,329	$ 60,000	$ 62,000
CPP - Employer Portion	$ 108,028	$ 95,436	$ 105,944	$ 105,084	$ 108,946	$ 103,828	$ 113,673	$ 120,000	$ 125,000
WSIB Premiums	$ 39,187	$ 28,124	$ 31,305	$ 30,271	$ 36,696	$ 32,306	$ 37,548	$ 40,000	$ 42,000
OMERS	$ 250,776	$ 220,482	$ 284,712	$ 320,005	$ 339,033	$ 325,677	$ 341,897	$ 380,000	$ 390,000
Banked OT	$ -	$ -	$ 288	$ 529	$ -	$ -	$ -	$ -	$ -
Health Care Benefits	$ 171,660	$ 112,613	$ 172,374	$ 122,809	$ 110,968	$ 150,483	$ 171,383	$ 190,000	$ 200,000
Life Insurance	$ 31,425	$ 16,313	$ 20,974	$ 16,994	$ 17,217	$ 16,944	$ 18,428	$ 18,000	$ 19,000
STD/LTD Premiums	$ 46,350	$ 35,159	$ 38,619	$ 39,053	$ 35,272	$ 31,848	$ 35,468	$ 39,000	$ 41,000
Employer Health Tax	$ 74,193	$ 56,246	$ 67,323	$ 67,034	$ 73,757	$ 73,591	$ 75,214	$ 80,000	$ 83,000
Safety Equipment Allowance Program	$ 1,972	$ 8,103	$ 6,319	$ 8,612	$ 9,437	$ 10,428	$ 8,692	$ 8,000	$ 9,000
Fitness Reimbursement Program	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,017	$ 1,000	$ 1,000
Total	**$ 776,090**	**$ 784,256**	**$ 782,573**	**$ 766,714**	**$ 789,522**	**$ 800,893**	**$ 863,206**	**$ 936,000**	**$ 972,000**

EPLC's post-employment benefit costs are actuarially determined using the projected benefit method pro-rated on service and based on assumptions that reflect management's best estimates at the time. As a result of this methodology, the projected post-retirement benefit is deemed to be earned on a pro-rata basis over the years of service in the relevant period commencing on the date of hire and ending at the earliest age the employee could retire and qualify for benefits. EPLC has procured K-W Actuarial Services Inc. in 2015 and Mondelis Actuarial in 2016 to complete full actuarial valuations of EPLC and its affiliate companies. EPLC's most recent Actuarial reports are attached as Attachment 4-H of this Exhibit.

4.5 Shared Services & Corporate Cost Allocation

4.5.1 Overview

EPLC currently has Shared Services arrangements with the following wholly-owned entities:

- Essex Power Corporation ("EPC") – EPLC parent company;
- Essex Power Services Corporation ("EPS") – wholly-owned subsidiary of EPC and sister company of EPLC;
- Essex Energy Corporation ("EE") - wholly-owned subsidiary of EPC and sister company of EPLC;
- Utilismart Corporation ("UC") - wholly-owned subsidiary of EE and sister company of EPLC;

EPLC also has Shared Services arrangements with its shareholders as follows:

- Municipality of Leamington – Municipal shareholder of EPC;
- Town of Amherstburg - Municipal shareholder of EPC;
- Town of LaSalle - Municipal shareholder of EPC;
- Town of Tecumseh - Municipal shareholder of EPC;

The services summarized below are setup accordingly for the provision of products or services to, or by EPLC, in order to benefit from cost savings due to increases in efficiency or by leveraging economics of scale.

Figures 18 through 26 below outline the shared services employed by EPLC from 2010 through to the 2018 Test Year. For the purpose of this analysis, it should be noted that EPLC does not have any corporate allocations. EPLC does have various HR, IT, procurement and executive services rendered from EPC listed as a shared service in Figures 18 through 26 below.

Figure 18 – Shared Services – 2010 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 772,334	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 67,734
EEC	EPLC	CDM services	Fully allocated cost		$ 340,824
EEC	EPLC	IT development services	Hourly Rate		$ 33,750
EPS	EPLC	Streetlight maintenance	Fully allocated cost		
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,256,205
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 6,541
Total				**$ 772,334**	**$ 1,705,055**

Figure 19 – Shared Services – 2011 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 895,442	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 157,951
EEC	EPLC	CDM services	Fully allocated cost		$ 519,841
EEC	EPLC	IT development services	Hourly Rate		$ 26,303
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 1,229
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,181,342
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 255,865
Total				**$ 895,442**	**$ 2,142,532**

Figure 20 – Shared Services – 2012 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 848,242	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 281,005
EEC	EPLC	CDM services	Fully allocated cost		$ 429,535
EEC	EPLC	IT development services	Hourly Rate		$ 44,797
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 10,410
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,000,134
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 242,403
Total				**$ 848,242**	**$ 2,008,285**

Figure 21 – Shared Services – 2013 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 929,921	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 315,299
EEC	EPLC	CDM services	Fully allocated cost		$ 835,318
EEC	EPLC	IT development services	Hourly Rate		$ 38,458
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 97,556
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,036,741
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 254,677
Total				**$ 929,921**	**$ 2,578,049**

Figure 22 – Shared Services – 2014 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 947,980	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 195,214
EEC	EPLC	CDM services	Fully allocated cost		$ 628,122
EEC	EPLC	IT development services	Hourly Rate		$ 311,894
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 94,257
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,145,205
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 272,267
Total				**$ 947,980**	**$ 2,646,959**

Figure 23 – Shared Services – 2015 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 948,337	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 281,927
EEC	EPLC	CDM services	Fully allocated cost		$ 970,799
EEC	EPLC	IT development services	Hourly Rate		$ 132,986
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 34,975
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,132,261
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 371,231
Total				**$ 948,337**	**$ 2,924,179**

Figure 24 – Shared Services – 2016 Actual

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 941,723	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 249,758
EEC	EPLC	CDM services	Fully allocated cost		$ 639,590
EEC	EPLC	IT development services	Hourly Rate		$ 129,814
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 71,497
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,012,571
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 343,123
Total				**$ 941,723**	**$ 2,446,353**

Figure 25 – Shared Services – 2017 Bridge

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington	Water billing & collection	Flat monthly service charge	$ 684,228	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 90,817
EEC	EPLC	CDM services	Fully allocated cost		$ 914,911
EEC	EPLC	IT development services	Hourly Rate		$ 32,489
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 71,497
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 873,740
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 343,123
Total				**$ 684,228**	**$ 2,326,577**

Figure 26 – Shared Services – 2018 Test

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington	Water billing & collection	Flat monthly service charge	$ 765,456	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 90,817
EEC	EPLC	CDM services	Fully allocated cost		$ 914,911
EEC	EPLC	IT development services	Hourly Rate		$ 32,489
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 71,497
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 873,740
UC	EPLC	Wholesale settlement services and interval meter reading and communication	Negotiated contract with market tested rates		$ 343,123
Total				**$ 765,456**	**$ 2,326,577**

4.5.2 Shared Services to Affiliates

EPLC previously provided water and wastewater meter reading, billing, collecting and general customer administration services to its four shareholder Municipalities (Amherstburg, LaSalle, Leamington, Tecumseh). EPLC bills its Municipal client a flat, monthly service charge for services rendered.

The Town of LaSalle has recently internalized water billing effective January 1st, 2017.

EPLC is also preparing for the potential departure of other Municipal water billing client(s) by re-negotiating meter reading agreements and evaluating the re-alignment of department staff.

4.5.3 Shared Services from Affiliates

i. **Services from EPS:** EPS provides streetlight maintenance and MSP services to EPLC based on fully allocated costs required to complete the requisite work. Streetlight services include repairs, maintenance, inspection and customer service. MSP work relates to ongoing compliance, meter verification, meter reading and troubleshooting.

ii. **Services from UC:** UC provides EPLC with turnkey meter data management services and online display for its wholesale and interval metering customers, along with various other settlement services. Pricing is based on a negotiated agreement annually that is consistent with market rates.

iii. **Services from EE:** EE provides turnkey Conservation & Demand Management ("CDM") services to EPLC that eliminate any risk to EPLC. EE provides all services relating to CDM including regulatory, financial, customer meetings, engineering/technical reviews, program management, program delivery, 3rd party contract negotiation and compliance with IESO requirements and changes. EE also provides engineering & software development services, as needed, for EPLC.

iv. **Services from EPC:** EPC provides financial, human resource, communication and information technology support to EPLC. Financial services include financial reporting, banking, business planning and audit support. Human resource support includes recruitment, labour relations, training, benefit management and health & safety. Communication services include website updates, social media presence, branding and marketing. Information technology support includes various computer and network services.

4.5.4 Corporate Cost Allocations

All Corporate Costs from EPC are included as shared services described in Figures 16 through 24 above.

4.5.5 Variance Analysis

Figure 27 below outlines the variance between the 2018 Test Year and the 2010 BAP as well as 2016 Actuals for Shared Services and Corporate Cost Allocations.

Figure 27 – Shared Service Variances

Description	2010 BAP	2016 Actual	2018 Test Year	2018 Test vs. 2010 BAP	2018 Test vs. 2016 Actual
Services provided by EPLC	$ 546,515	$ 941,723	$ 765,456	$ 218,941	$ (176,267)
Services provided to EPLC	$ 1,146,011	$ 2,446,353	$ 2,326,577	$ 1,180,566	$ (119,775)
Corporate Cost Allocations	$ -	$ -	$ -	$ -	$ -

2010 BAP vs. 2018 Test Year

The services provided by EPLC to affiliates increased by $218,941 from the 2010 BAP to the 2018 Test Year as a result in year over year inflationary and growth related increases to the Municipalities that EPLC services for water and wastewater meter reading, billing, collecting and general customer administration services. Note that EPLC lost one of the four municipal water billing customers in 2017.

The services provided to EPLC by affiliates increased by $1,180,566 from the 2010 BAP to the 2018 Test Year as a result of Conservation & Demand Management services, increases related to meter data management and settlement charges.

2016 Actual vs. 2018 Test Year

The services provided by EPLC to affiliates decreased by $176,267 from the 2016 Actuals to the 2018 Test Year as a result of the loss of one of the four municipal customers that EPLC water and wastewater meter reading, billing, collecting and general customer administration services in 2017.

The services provided to EPLC by affiliates decreased by $119,775 from the 2016 Actuals to the 2018 Test Year as a result of a re-allocation of information technology services within EPLC in

order to accommodate the Board's Cybersecurity framework and a reduction in planned engineering support from EE. EPLC will no longer be buying these specific IT services from EPC and instead will be completing this work internally.

4.6 Purchases of Non-Affiliate Services

EPC's Purchasing Policy, included as Attachment 4-J of this Exhibit, outlines and details EPLC's process relating to acquisition of 3rd party services. EPLC's policy also outlines the required approval process that must be adhered to in order to purchase goods and services from suppliers, vendors and contractors.

Figure 28 below outlines EPLC's historical purchases by vendor, above materiality (as calculated in Exhibit 1 of this Application) for historical years 2011 through 2016. EPLC anticipates using the same vendors for 2017 and 2018 however EPLC is continually assessing new suppliers and efficiencies. For the purpose of this analysis, EPLC used $65,000 as its materiality threshold. This Figure also indicates the method of selection employed in the acquisition of each specific purchase of goods and services, consistent with EPLC's purchasing policy.

Figure 28 – Purchases of Non-Affiliate Services

Vendor	Product/Service	Method of Selection	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual
1307749 ONTARIO LTD.	Tree Trimming	Quote	$ 285,412	$ 601,856	$ 517,789	$ 506,965	$ 493,452	$ 537,662
AFI INTERNATIONAL GROUP INC.	Security	Quote	$ 61,140	$ -	$ -	$ -	$ -	$ -
ANIXTER CANADA INC.	Inventory	Quote	$ 117,481	$ 221,459	$ -	$ 367,727	$ 414,090	$ -
ANIXTER POWER SOLUTIONS INC. (HD SUPP)	Inventory	Quote	$ 358,351	$ 607,398	$ 759,491	$ 402,877	$ 369,837	$ 574,232
BDO Canada LLP	Computer Software	Quote	$ 101,755	$ -	$ -	$ -	$ -	$ -
BELL CANADA	Phone Service	Quote	$ 71,260	$ 68,952	$ 99,318	$ -	$ 79,815	$ -
CANADA POST	Postage	Sole Source	$ 248,600	$ 253,000	$ 295,000	$ 280,000	$ 355,000	$ 350,000
CANADIAN ELECTRICAL SERVICES	Transformers	Quote	$ 199,185	$ 432,706	$ 666,389	$ 438,726	$ 358,329	$ 313,269
ECALIBER	Billing Software	Quote	$ 150,710	$ -	$ -	$ -	$ -	$ -
ELECTRICITY DISTRIBUTORS ASSOCIATION	Corporate Membership	Quote	$ 92,886	$ -	$ -	$ 74,715	$ -	$ -
ERTH HOLDINGS INC.	Billing Services	Quote	$ 95,432	$ 301,833	$ 281,131	$ 291,696	$ 491,556	$ 724,153
G&W CANADA	Inventory	Quote	$ -	$ -	$ -	$ -	$ 144,866	$ 148,160
GREEN SHIELD	Employee Benefits	Quote	$ 112,613	$ 172,374	$ 122,809	$ 110,968	$ 150,483	$ 171,383
G-TEL	Locate Services	Quote	$ 214,120	$ 239,463	$ 235,192	$ 321,620	$ 430,339	$ 232,500
J FORTIER & SON EXCAVAT.	Construction Services	Quote	$ 78,886	$ 152,652	$ 130,688	$ 129,469	$ 167,418	$ 211,840
KEN LAPAIN & SONS LTD.	Vehicle Repairs	Quote	$ 161,619	$ 121,384	$ 102,078	$ -	$ 110,035	$ 67,366
KPMG LLP	Accounting Services	Quote	$ -	$ -	$ -	$ -	$ -	$ 90,448
NETMON INC.	IT system monitoring	Quote	$ -	$ -	$ -	$ -	$ -	$ 170,018
OGILVY RENAULT LLP, in trust	Legal Services	Sole Source	$ 75,618	$ -	$ -	$ -	$ -	$ -
OLAMETER INC.	Meter Reading Services	Quote	$ 320,777	$ 286,076	$ 290,493	$ 284,440	$ 272,682	$ 218,497
PACHECOS CONTRACTORS LTD	Construction Services	Quote	$ 162,588	$ -	$ 210,972	$ 188,100		
PETRO-CANADA	Fuel	Sole Source	$ 99,678	$ 120,162	$ 124,567	$ 133,263	$ 121,658	$ 90,321
POSI PLUS TECHNOLOGIES INC	Vehicles	Quote	$ 290,527	$ 251,785		$ 325,835		
PRICEWATERHOUSECOOPERS LLP	Accounting Services	Quote	$ -	$ -	$ 99,101	$ -	$ -	$ 83,514
STELLA JONES INC (DBA-GUELPH UTILILITY POLE)	Poles	Quote	$ 62,965	$ 111,519	$ 84,570	$ 92,029	$ 96,145	$ 81,670
THE MEARIE GROUP	Insurance, Employee Benefits	Sole Source	$ 205,492	$ 250,871	$ 252,794	$ 200,672	$ 160,034	$ 158,797
THOMAS & BETTS LIMITED	Inventory	Quote	$ 174,111	$ 419,903	$ 287,985	$ -	$ 178,241	$ 116,983

4.7 Regulatory Costs

The regulatory department is currently staffed by the Manager of Regulatory Accounting and the Regulatory Accounting Analyst positions. These positions are currently responsible for the preparation of any and all regulatory reporting and associated filings, rate applications, reviewing and implementing change related to regulation and ensuring regulatory compliance. Due to the overall and growing complexity of these positions, the regulatory department is also often assisted by EPLC finance department. These costs are not included for recovery as part of EPLC Regulatory Costs.

For the purpose of this section, EPLC has completed Figures 29 and 30 below, in conjunction with Board Appendix 2-M which is also included with this Exhibit as Attachment 4-K.

Figure 29 – EPLC On-Going Regulatory Costs

Regulatory Cost Category	USoA Account	USoA Account Balance	Ongoing or One-time Cost?	Last Rebasing Year (2010 Board Approved)	Most Current Actuals Year 2016	2017 Bridge Year	Annual % Change	2018 Test Year	Annual % Change
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = [(G)-(F)]/(F)	(I)	(J) = [(I)-(G)]/(G)
OEB Annual Assessment	5655		On-Going	$ 59,962	$ 119,310	$ 121,696	2.00%	$ 124,130	2.00%
OEB Section 30 Costs (Applicant-originated)									
OEB Section 30 Costs (OEB-initiated)	5655		On-Going		$ 5,643	$ 5,646	0.05%	$ 5,646	0.00%
Expert Witness costs for regulatory matters									
Legal costs for regulatory matters	5655		One-Time					$ 50,000	
Consultants' costs for regulatory matters	5655		One-Time			$ 140,812		$ 17,370	-87.66%
Operating expenses associated with staff resources allocated to regulatory matters	5610		On-Going	$ 50,000	$ 116,250	$ 195,688	68.33%	$ 217,000	10.89%
Operating expenses associated with other resources allocated to regulatory matters									
Other regulatory agency fees or assessments									
Any other costs for regulatory matters	5655		One-Time						
Application Costs	5655		One-Time	$ 52,500				$ 35,000	
Sub-total - Ongoing Costs 3		$ -		$ 162,462	$ 241,203	$ 323,030	33.92%	$ 346,776	7.35%
Sub-total - One-time Costs 4		$ -		$ -	$ -	$ 140,812		$ 102,370	-27.30%
Total		**$ -**		**$ 162,462**	**$ 241,203**	**$ 463,842**	**92.30%**	**$ 449,146**	**-3.17%**

Figure 30 – EPLC One-Time Cost of Service Application Costs

Regulatory Cost Category	2017 Bridge Year	2018 Test Year	Application Gross Cost	Amortized Over 5 Years
Expert Witness costs			$ -	$ -
Legal costs		$ 50,000	$ 50,000	$ 10,000
Consultants' costs	$ 101,931	$ 10,000	$ 111,931	$ 22,386
Incremental operating expenses associated with staff resources allocated to this application.			$ -	$ -
Incremental operating expenses associated with other resources allocated to this application. 1			$ -	$ -
Intervenor costs		$ 35,000	$ 35,000	$ 7,000
Total	**$ 101,931**	**$ 95,000**	**$ 196,931**	**$ 39,386**

Figure 29 above outlines EPLC's ongoing regulatory expenses which include OEB Annual Assessment, OEB Section 30 costs, operating expenses and ongoing application costs.

Figure 30 above outlines EPLC's cost associated with the creation of this Cost of Service application which is currently estimated at $196,931. This cost includes legal, consulting, administrative and intervenor costs. Consulting costs include costs for customer engagement (Convergys $17k, Innovative Research $25k), DSP (Metsco $60k) and third party application support and review (Elenchus $20k). EPLC also included $39,152 in incremental staffing required to generate the required information in support of this Application.

EPLC proposes to recover the amount of $196,931 in distribution rates over five (5) years. As a result, EPLC has included $39,386 in 2018 OM&A costs.

4.8 One-Time Costs

As described in section 4.7 above, EPLC has incurred $196,931 in one-time costs related to the preparation of this Application. EPLC seeks to recover this amount over a five (5) year period and has included $39,386 (1/5th) of one-time costs in its 2018 Test Year Revenue Requirement.

4.9 Low Income Energy Assistance Programs

The Board initiated public consultation in 2008 that led to the identification of three primary components that could assist low-income energy consumers in Ontario:

- Emergency Financial Assistance;
- Customer Service Rules;
- Targeted Conservation & Demand Management Programs;

EPLC, in partnership with local social service agencies within the communities that it services, contributes the Board recommended 0.12% of its Service Revenue Requirement annually (2016 - $13,427).

EPLC is committed to continuing with this form of financial assistance in the future. EPLC has included $15,795 in the 2018 Test Year which represents an estimated increase in line with the proposed increase to EPLC's Service Revenue Requirement. EPLC understands that this value can and will most likely change based on the final approved Service Revenue Requirement resulting from this Application.

EPLC confirms that the 2018 Test Year does not include any legacy low income energy assistance programs.

4.10 Charitable & Political Donations

4.10.1 Charitable Donations

EPLC confirms that it does not make any charitable donations and therefore there are no such contributions included for recovery in this Application.

Essex Power Corporation ("EPC") does make a variety of charitable donations within our community. There are no such contributions included for recovery in this Application.

4.10.2 Political Donations

EPLC confirms that it does not make political contributions and therefore there are no such contributions included for recovery in this Application.

4.11 Depreciation/Amortization/Depletion

4.11.1 Overview

EPLC has transitioned to IFRS accounting effective January 1st, 2015. Previously, EPLC's depreciation/amortization policy was based on CGAAP and direction issued by the Board. As a result, EPLC is compliant with MIFRS for the 2017 Bridge Year and 2018 Test Year.

The Board issued direction to LDCs on July 12th, 2012 that adoption of IFRS-compliant capitalization and depreciation accounting policies was mandatory effective January 1st, 2013. As a result, EPLC implemented changes to its capitalization and depreciation policies effective January 1st, 2013. EPLC implemented changes to useful lives based on guidance from the Kinetrics Report issued by the Board July 8th, 2010. EPLC also completed an assessment of remaining service lives for the purpose of determining depreciation expense on a go-forward basis which is outlined in the analysis below.

EPLC confirms that significant parts or components of each item of PP&E are being separately depreciated.

In accordance with Section 2.4.4 of the Board's Filing Requirements, EPLC confirms that capital assets and capital contributions are amortized on a straight-line basis over the deemed life of the asset. EPLC also applies the half-year rule in the first year of the addition.

EPLC confirms that it does not amortize construction in progress assets until the project is completed.

EPLC confirms that it does not capitalize interest to the cost of assets constructed and capitalized.

For the purpose of calculating depreciation in this Application and consistent with EPLC's depreciation/amortization policy attached in Exhibit 2 of this Application, EPLC applied the half-year rule for all in-service 2018 Test Year capital additions and capital contributions.

A historical summary of EPLC's depreciation expense is provided below in Figure 8. A detailed breakdown of depreciation expense by asset class and by year, is also provided below as Figures 31 through 40. These tables also show accumulated depreciation by USoA account and the rate of depreciation used for each respective year. All accumulated depreciation values are consistent with Board Appendix 2-BA (Fixed Asset Continuity Schedules).

Figure 31 – Summary of Depreciation/Amortization

Description	2010 BAP	2010 Actuals	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Accounting Standard	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**
Computer Software (Formally known as Account 1925)	$ (168,003)	$ (150,110)	$ (120,676)	$ (76,486)	$ (342,040)	$ (75,831)	$ (75,579)	$ (63,196)	$ (81,624)	$ (103,175)
Land Rights (Formally known as Account 1906)	$ (1,783)	$ (1,601)	$ (2,066)	$ (2,407)	$ (2,930)	$ (3,679)	$ (3,983)	$ (4,166)	$ (4,604)	$ (5,515)
Land	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Buildings	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Leasehold Improvements	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Distribution Station Equipment <50 kV	$ (5,228)	$ (4,773)	$ (4,117)	$ (4,344)	$ (4,002)	$ (3,599)	$ -	$ -	$ -	$ -
Storage Battery Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Poles, Towers & Fixtures	$ (118,466)	$ (114,467)	$ (193,867)	$ (205,289)	$ (148,490)	$ (129,121)	$ (133,666)	$ (148,824)	$ (163,794)	$ (177,447)
Overhead Conductors & Devices	$ (339,927)	$ (312,857)	$ (228,956)	$ (252,579)	$ (95,859)	$ (73,359)	$ (73,557)	$ (89,922)	$ (104,679)	$ (118,491)
Underground Conduit	$ (221,090)	$ (210,276)	$ (274,681)	$ (313,087)	$ (199,739)	$ (122,833)	$ (226,513)	$ (232,711)	$ (243,945)	$ (263,932)
Underground Conductors & Devices	$ (458,511)	$ (450,575)	$ (423,812)	$ (448,094)	$ (229,618)	$ (365,105)	$ (287,646)	$ (293,497)	$ (314,089)	$ (341,450)
Line Transformers	$ (438,224)	$ (528,295)	$ (559,269)	$ (592,640)	$ (326,072)	$ (353,494)	$ (287,574)	$ (334,035)	$ (322,980)	$ (348,809)
Services (Overhead & Underground)	$ (290,015)	$ (277,135)	$ (289,810)	$ (322,721)	$ (144,526)	$ (166,800)	$ (158,272)	$ (178,610)	$ (197,036)	$ (213,267)
Meters	$ (116,088)	$ (148,395)	$ (155,889)	$ (202,596)	$ (198,723)	$ (202,705)	$ (1,488,521)	$ (374,594)	$ (384,378)	$ (402,131)
Meters (Smart Meters)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Buildings & Fixtures	$ (79,410)	$ (78,512)	$ (64,818)	$ (79,682)	$ (42,858)	$ (27,100)	$ (41,157)	$ (42,169)	$ (45,350)	$ (51,918)
Leasehold Improvements	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Office Furniture & Equipment (10 years)	$ (22,035)	$ (22,200)	$ (15,061)	$ (16,141)	$ (16,755)	$ (17,979)	$ (8,342)	$ (9,697)	$ (11,209)	$ (11,445)
Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Computer Equipment - Hardware	$ (13,778)	$ (33,616)	$ (51,907)	$ (50,831)	$ (141,384)	$ (4,346)	$ (35,385)	$ (11,815)	$ (73,917)	$ (121,790)
Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Transportation Equipment	$ (149,278)	$ (92,823)	$ (161,612)	$ (185,945)	$ (157,920)	$ (146,305)	$ (189,589)	$ (213,884)	$ (211,990)	$ (273,932)
Stores Equipment	$ (4,671)	$ (4,448)	$ (3,204)	$ (3,572)	$ (3,670)	$ (2,673)	$ (2,198)	$ (2,701)	$ (5,708)	$ (10,101)
Tools, Shop & Garage Equipment	$ (24,411)	$ (25,181)	$ (22,882)	$ (28,086)	$ (58,184)	$ (63,233)	$ (42,042)	$ (46,828)	$ (52,011)	$ (49,066)
Measurement & Testing Equipment	$ (4,107)	$ (5,443)	$ (5,916)	$ (6,399)	$ (11,669)	$ (11,235)	$ (6,269)	$ (6,599)	$ (6,895)	$ (5,458)
Power Operated Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Communications Equipment	$ (40,239)	$ (36,741)	$ (16,874)	$ (20,766)	$ (59,435)	$ (43,937)	$ (29,553)	$ (29,874)	$ (15,040)	$ (13,332)
Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Miscellaneous Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Load Management Controls Customer Premises	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Load Management Controls Utility Premises	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
System Supervisor Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Tangible Property	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Contributions & Grants	$ 247,763	$ 219,928	$ 288,452	$ 344,643	$ 278,492	$ 247,371	$ 552,530	$ 589,771	$ 367,800	$ 398,418
Deferred Revenue	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	**$ (2,247,501)**	**$ (2,277,521)**	**$ (2,306,964)**	**$ (2,467,021)**	**$ (1,905,383)**	**$ (1,565,964)**	**$ (2,537,316)**	**$ (1,493,351)**	**$ (1,871,449)**	**$ (2,112,841)**

Figure 32 – 2010 Actual – CGAAP – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,037,697	$ (334,169)	$ (150,110)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 97,579	$ (3,399)	$ (1,601)	2.00%
1805	Land	$ 47,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ 102,722	$ (18,379)	$ (4,773)	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 5,731,639	$ (528,986)	$ (114,467)	4.00%
1835	Overhead Conductors & Devices	$ 5,495,913	$ (2,263,290)	$ (312,857)	4.00%
1840	Underground Conduit	$ 8,523,236	$ (1,575,660)	$ (210,276)	4.00%
1845	Underground Conductors & Devices	$ 10,289,850	$ (3,172,818)	$ (450,575)	4.00%
1850	Line Transformers	$ 13,356,674	$ (3,280,457)	$ (528,295)	4.00%
1855	Services (Overhead & Underground)	$ 6,818,570	$ (1,686,526)	$ (277,135)	4.00%
1860	Meters	$ 3,957,664	$ (805,475)	$ (148,395)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 1,607,140	$ (156,568)	$ (78,512)	4.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 159,415	$ (57,171)	$ (22,200)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 251,403	$ (35,039)	$ (33,616)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 982,829	$ (98,505)	$ (92,823)	12.50%
1935	Stores Equipment	$ 29,711	$ (8,435)	$ (4,448)	10.00%
1940	Tools, Shop & Garage Equipment	$ 214,968	$ (48,885)	$ (25,181)	10.00%
1945	Measurement & Testing Equipment	$ 54,338	$ (6,458)	$ (5,443)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 197,224	$ (89,671)	$ (36,741)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(10,063,338)	$ 157,227	$ 219,928	4.00%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 49,083,253**	**$ (14,012,664)**	**$ (2,277,521)**	

Figure 33 – 2011 Actual – CGAAP – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 946,329	$ (484,278)	$ (120,676)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 108,990	$ (5,000)	$ (2,066)	2.00%
1805	Land	$ 47,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ 103,107	$ (23,152)	$ (4,117)	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 6,006,615	$ (643,453)	$ (193,867)	4.00%
1835	Overhead Conductors & Devices	$ 5,684,239	$ (2,462,148)	$ (228,956)	4.00%
1840	Underground Conduit	$ 9,701,439	$ (1,785,936)	$ (274,681)	4.00%
1845	Underground Conductors & Devices	$ 10,917,707	$ (3,623,393)	$ (423,812)	4.00%
1850	Line Transformers	$ 14,233,655	$ (3,808,752)	$ (559,269)	4.00%
1855	Services (Overhead & Underground)	$ 7,692,638	$ (1,963,661)	$ (289,810)	4.00%
1860	Meters	$ 4,200,151	$ (953,871)	$ (155,889)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 1,633,771	$ (235,080)	$ (64,818)	4.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 159,415	$ (79,371)	$ (15,061)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 306,043	$ (68,655)	$ (51,907)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 1,172,081	$ (64,236)	$ (161,612)	12.50%
1935	Stores Equipment	$ 34,367	$ (12,883)	$ (3,204)	10.00%
1940	Tools, Shop & Garage Equipment	$ 242,672	$ (74,066)	$ (22,882)	10.00%
1945	Measurement & Testing Equipment	$ 63,987	$ (11,901)	$ (5,916)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 226,916	$ (126,412)	$ (16,874)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(12,003,010)	$ 377,155	$ 288,452	4.00%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 51,669,129**	**$ (16,049,092)**	**$ (2,306,964)**	

Figure 34 – 2012 Actual – CGAAP – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,186,475	$ (694,893)	$ (76,486)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 115,165	$ (7,066)	$ (2,407)	2.00%
1805	Land	$ 47,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ 114,073	$ (27,269)	$ (4,344)	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 6,463,571	$ (837,320)	$ (205,289)	4.00%
1835	Overhead Conductors & Devices	$ 6,414,747	$ (2,691,103)	$ (252,579)	4.00%
1840	Underground Conduit	$ 10,656,520	$ (2,060,617)	$ (313,087)	4.00%
1845	Underground Conductors & Devices	$ 11,570,868	$ (4,047,205)	$ (448,094)	4.00%
1850	Line Transformers	$ 15,077,416	$ (4,368,021)	$ (592,640)	4.00%
1855	Services (Overhead & Underground)	$ 8,376,599	$ (2,253,471)	$ (322,721)	4.00%
1860	Meters	$ 5,160,299	$ (1,109,760)	$ (202,596)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 2,394,956	$ (299,898)	$ (79,682)	4.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 180,243	$ (89,836)	$ (16,141)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 306,043	$ (120,562)	$ (50,831)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 1,282,473	$ (53,357)	$ (185,945)	12.50%
1935	Stores Equipment	$ 37,075	$ (16,087)	$ (3,572)	10.00%
1940	Tools, Shop & Garage Equipment	$ 329,469	$ (96,948)	$ (28,086)	10.00%
1945	Measurement & Testing Equipment	$ 63,987	$ (17,817)	$ (6,399)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 276,532	$ (143,286)	$ (20,766)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(12,872,863)	$ 665,607	$ 344,643	4.00%
2440	Deferred Revenue		$ -	$ -	0.00%
	Total	**$ 57,371,668**	**$ (18,268,909)**	**$ (2,467,021)**	

Figure 35 – 2013 Actual – RCGAAP – Gross Asset & Depreciation

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,252,529	$ (771,379)	$ (342,040)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 175,427	$ (9,473)	$ (2,930)	2.00%
1805	Land	$ 47,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ 115,505	$ (31,612)	$ (4,002)	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 6,852,565	$ (1,042,609)	$ (148,490)	2.00%
1835	Overhead Conductors & Devices	$ 6,909,277	$ (2,943,682)	$ (95,859)	2.00%
1840	Underground Conduit	$ 11,489,326	$ (2,373,704)	$ (199,739)	2.50%
1845	Underground Conductors & Devices	$ 12,495,775	$ (4,495,300)	$ (229,618)	3.33%
1850	Line Transformers	$ 16,432,674	$ (4,960,661)	$ (326,072)	2.50%
1855	Services (Overhead & Underground)	$ 9,221,942	$ (2,576,192)	$ (144,526)	2.00%
1860	Meters	$ 5,319,772	$ (1,312,355)	$ (198,723)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 2,422,357	$ (379,580)	$ (42,858)	2.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 188,609	$ (105,977)	$ (16,755)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 324,149	$ (171,393)	$ (141,384)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 1,553,552	$ (128,316)	$ (157,920)	10.00%
1935	Stores Equipment	$ 37,075	$ (19,659)	$ (3,670)	10.00%
1940	Tools, Shop & Garage Equipment	$ 383,628	$ (125,034)	$ (58,184)	10.00%
1945	Measurement & Testing Equipment	$ 63,987	$ (24,216)	$ (11,669)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 281,480	$ (164,051)	$ (59,435)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(15,064,761)	$ 1,010,250	$ 278,492	2.50%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 60,692,887**	**$ (20,624,944)**	**$ (1,905,383)**	

Figure 36 – 2014 Actual – MIFRS – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,327,398	$ (1,113,418)	$ (75,831)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 190,498	$ (12,403)	$ (3,679)	2.00%
1805	Land	$ 47,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ 115,505	$ (35,614)	$ (3,599)	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 7,343,189	$ (1,191,099)	$ (129,121)	2.00%
1835	Overhead Conductors & Devices	$ 7,340,765	$ (3,039,541)	$ (73,359)	2.00%
1840	Underground Conduit	$ 12,740,042	$ (2,573,444)	$ (122,833)	2.50%
1845	Underground Conductors & Devices	$ 13,335,773	$ (4,724,918)	$ (365,105)	3.33%
1850	Line Transformers	$ 17,747,645	$ (5,286,733)	$ (353,494)	2.50%
1855	Services (Overhead & Underground)	$ 10,266,869	$ (2,720,718)	$ (166,800)	2.00%
1860	Meters	$ 5,652,387	$ (1,511,079)	$ (202,705)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 2,422,357	$ (422,438)	$ (27,100)	2.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 190,108	$ (122,732)	$ (17,979)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 367,497	$ (312,778)	$ (4,346)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 1,842,598	$ (150,182)	$ (146,305)	10.00%
1935	Stores Equipment	$ 37,075	$ (23,329)	$ (2,673)	10.00%
1940	Tools, Shop & Garage Equipment	$ 461,960	$ (183,218)	$ (63,233)	10.00%
1945	Measurement & Testing Equipment	$ 63,987	$ (35,885)	$ (11,235)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 281,480	$ (223,486)	$ (43,937)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(16,186,932)	$ 1,288,742	$ 247,371	2.50%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 65,778,217**	**$ (22,394,273)**	**$ (1,565,964)**	

Figure 37 – 2015 Actual – MIFRS – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,344,441	$ (1,189,249)	$ (75,579)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 205,159	$ (16,082)	$ (3,983)	2.00%
1805	Land	$ 47,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ -	$ -	$ -	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 8,277,989	$ (1,320,220)	$ (133,666)	2.00%
1835	Overhead Conductors & Devices	$ 8,330,924	$ (3,112,900)	$ (73,557)	2.00%
1840	Underground Conduit	$ 13,019,342	$ (2,696,277)	$ (226,513)	2.50%
1845	Underground Conductors & Devices	$ 13,920,280	$ (5,075,833)	$ (287,646)	3.33%
1850	Line Transformers	$ 18,562,128	$ (5,640,180)	$ (287,574)	2.50%
1855	Services (Overhead & Underground)	$ 11,329,169	$ (2,887,518)	$ (158,272)	2.00%
1860	Meters	$ 4,484,564	$ (1,713,784)	$ (1,488,521)	4.00%
1860	Meters (Smart Meters)	$ 3,835,084	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 2,471,271	$ (449,538)	$ (41,157)	2.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 196,088	$ (140,712)	$ (8,342)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 371,372	$ (317,124)	$ (35,385)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 2,244,755	$ (296,487)	$ (189,589)	10.00%
1935	Stores Equipment	$ 37,092	$ (26,002)	$ (2,198)	10.00%
1940	Tools, Shop & Garage Equipment	$ 518,499	$ (246,451)	$ (42,042)	10.00%
1945	Measurement & Testing Equipment	$ 63,987	$ (47,120)	$ (6,269)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 294,423	$ (267,423)	$ (29,553)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(17,635,115)	$ 1,536,113	$ 552,530	2.50%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 72,109,471**	**$ (23,906,787)**	**$ (2,537,316)**	

Figure 38 – 2016 Actual – MIFRS – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,349,658	$ (1,057,277)	$ (63,196)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 207,803	$ (20,013)	$ (4,166)	2.00%
1805	Land	$ 35,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ -	$ -	$ -	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 8,897,418	$ (1,371,068)	$ (148,824)	2.00%
1835	Overhead Conductors & Devices	$ 9,205,503	$ (3,194,505)	$ (89,922)	2.00%
1840	Underground Conduit	$ 13,230,112	$ (2,869,571)	$ (232,711)	2.50%
1845	Underground Conductors & Devices	$ 14,457,773	$ (5,384,238)	$ (293,497)	3.33%
1850	Line Transformers	$ 19,300,481	$ (5,906,704)	$ (334,035)	2.50%
1855	Services (Overhead & Underground)	$ 12,154,283	$ (3,066,599)	$ (178,610)	2.00%
1860	Meters	$ 9,412,656	$ (3,288,200)	$ (374,594)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 2,513,740	$ (478,209)	$ (42,169)	2.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 216,760	$ (153,607)	$ (9,697)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 488,701	$ (302,807)	$ (11,815)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 2,381,417	$ (513,230)	$ (213,884)	10.00%
1935	Stores Equipment	$ 47,367	$ (18,079)	$ (2,701)	10.00%
1940	Tools, Shop & Garage Equipment	$ 564,329	$ (234,710)	$ (46,828)	10.00%
1945	Measurement & Testing Equipment	$ 70,247	$ (42,048)	$ (6,599)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 294,423	$ (245,382)	$ (29,874)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(18,566,136)	$ 2,088,643	$ 589,771	2.50%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 76,452,554**	**$ (26,057,604)**	**$ (1,493,351)**	

Figure 39 – 2017 Bridge – MIFRS – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,604,158	$ (1,120,473)	$ (81,624)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 249,995	$ (24,179)	$ (4,604)	2.00%
1805	Land	$ 35,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ -	$ -	$ -	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 9,829,756	$ (1,519,892)	$ (163,794)	2.00%
1835	Overhead Conductors & Devices	$ 9,747,151	$ (3,284,427)	$ (104,679)	2.00%
1840	Underground Conduit	$ 13,964,522	$ (3,102,282)	$ (243,945)	2.50%
1845	Underground Conductors & Devices	$ 15,245,984	$ (5,677,735)	$ (314,089)	3.33%
1850	Line Transformers	$ 20,326,051	$ (6,240,739)	$ (322,980)	2.50%
1855	Services (Overhead & Underground)	$ 12,976,997	$ (3,245,209)	$ (197,036)	2.00%
1860	Meters	$ 9,679,588	$ (3,662,794)	$ (384,378)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 2,800,540	$ (520,378)	$ (45,350)	2.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 226,760	$ (163,304)	$ (11,209)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 844,851	$ (314,622)	$ (73,917)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 2,868,417	$ (727,114)	$ (211,990)	10.00%
1935	Stores Equipment	$ 97,367	$ (20,780)	$ (5,708)	10.00%
1940	Tools, Shop & Garage Equipment	$ 624,329	$ (281,538)	$ (52,011)	10.00%
1945	Measurement & Testing Equipment	$ 70,247	$ (48,647)	$ (6,895)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 294,423	$ (275,256)	$ (15,040)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(19,790,893)	$ 2,678,414	$ 367,800	2.50%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 81,886,262**	**$ (27,550,955)**	**$ (1,871,449)**	

Figure 40 – 2018 Test – MIFRS – Gross Asset & Depreciation Summary

USoA	Description	Gross Assets	Accumulated Amortization	Depreciation Expense	Depreciation Rate
1611	Computer Software (Formally known as Account 1925)	$ 1,719,158	$ (1,202,097)	$ (103,175)	20.00%
1612	Land Rights (Formally known as Account 1906)	$ 298,936	$ (28,783)	$ (5,515)	2.00%
1805	Land	$ 35,899	$ -	$ -	0.00%
1808	Buildings	$ -	$ -	$ -	0.00%
1810	Leasehold Improvements	$ -	$ -	$ -	0.00%
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	0.00%
1820	Distribution Station Equipment <50 kV	$ -	$ -	$ -	4.00%
1825	Storage Battery Equipment	$ -	$ -	$ -	0.00%
1830	Poles, Towers & Fixtures	$ 10,262,670	$ (1,683,686)	$ (177,447)	2.00%
1835	Overhead Conductors & Devices	$ 10,586,627	$ (3,389,106)	$ (118,491)	2.00%
1840	Underground Conduit	$ 14,829,081	$ (3,346,227)	$ (263,932)	2.50%
1845	Underground Conductors & Devices	$ 16,099,450	$ (5,991,824)	$ (341,450)	3.33%
1850	Line Transformers	$ 21,366,845	$ (6,563,719)	$ (348,809)	2.50%
1855	Services (Overhead & Underground)	$ 13,777,367	$ (3,442,245)	$ (213,267)	2.00%
1860	Meters	$ 9,945,259	$ (4,047,172)	$ (402,131)	4.00%
1860	Meters (Smart Meters)	$ -	$ -	$ -	0.00%
1905	Land	$ 190,119	$ -	$ -	0.00%
1908	Buildings & Fixtures	$ 3,170,540	$ (565,728)	$ (51,918)	2.00%
1910	Leasehold Improvements	$ -	$ -	$ -	0.00%
1915	Office Furniture & Equipment (10 years)	$ 236,760	$ (174,513)	$ (11,445)	10.00%
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	0.00%
1920	Computer Equipment - Hardware	$ 1,006,660	$ (388,539)	$ (121,790)	20.00%
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	0.00%
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	0.00%
1930	Transportation Equipment	$ 3,138,417	$ (939,104)	$ (273,932)	10.00%
1935	Stores Equipment	$ 147,367	$ (26,488)	$ (10,101)	10.00%
1940	Tools, Shop & Garage Equipment	$ 684,329	$ (333,549)	$ (49,066)	10.00%
1945	Measurement & Testing Equipment	$ 70,247	$ (55,542)	$ (5,458)	10.00%
1950	Power Operated Equipment	$ -	$ -	$ -	0.00%
1955	Communications Equipment	$ 294,423	$ (290,296)	$ (13,332)	10.00%
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	0.00%
1960	Miscellaneous Equipment	$ -	$ -	$ -	0.00%
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	0.00%
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	0.00%
1980	System Supervisor Equipment	$ -	$ -	$ -	0.00%
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	0.00%
1990	Other Tangible Property	$ -	$ -	$ -	0.00%
1995	Contributions & Grants	$(21,015,650)	$ 3,046,214	$ 398,418	2.50%
2440	Deferred Revenue	$ -	$ -	$ -	0.00%
	Total	**$ 86,844,505**	**$ (29,422,404)**	**$ (2,112,841)**	

4.11.2 Asset Retirement Obligations

EPLC does not have any material Asset Retirement Obligations ("AROs") to report as part of this Application. Further, EPLC confirms that it does not have any associated depreciation or accretion expense related to AROs.

4.11.3 Depreciation Practices – Useful Lives & Componentization

This section outlines EPLC's proposed changes to useful life changes since its previous Cost of Service Application.

In conjunction with the Kinetrics Report, EPLC staff completed a comprehensive review of its PP&E componentization to determine a reasonable level of componentization for its historical assets which included all historical costs and material components. As a result, EPLC adjusted its service lives within the ranges suggested within the Kinetrics Report and completed an assessment on the impact of remaining service life of its assets in order to calculate depreciation in 2013 looking forward. The resulting changes resulted in a material impact to EPLC's depreciation expense and a resulting material refund to EPLC electricity customers. The amount of this refund is recorded in Account 1576 and further outlined in Exhibit 9 of this Application.

Since EPLC transitioned to IFRS on January 1st, 2015, EPLC can no longer capitalize customer contributions as part of its net assets. As a result, EPLC will classify contributions as a deferred revenue liability and amortize the costs to revenue over the life of the asset for which the contribution relates to.

EPLC confirms that no additional depreciation expense policy change have been made since January 1st, 2013.

Additional information regarding EPLC's conversion to IFRS can be found in EPLC's Capitalization Policy included in Exhibit 2 of this Application.

Figure 41 below outlines the changes to asset useful lives, consistent with Board Appendix 2-BB and the Kinetrics Report. A copy of Board Appendix 2-BB is also included as Attachment 4-L of this Exhibit. EPLC does not have proposed changes that are outside of the suggested range contained within the Kinetrics Report and confirms that significant parts or components of each item of PP&E are being depreciated separately.

Figure 41 – Service Life Comparison

		Asset Details			Useful Life			USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of	
Parent*	#	Category| Component | Type			MIN UL	TUL	MAX UL			Years	Rate	Years	Rate	Below Min TUL	Above Max TUL
OH	1	Fully Dressed Wood Poles	Overall		35	45	75	1830	Poles, Towers and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	2	Fully Dressed Concrete Poles	Overall		50	60	80	1830	Poles, Towers and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	3	Fully Dressed Steel Poles	Overall		60	60	80								
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	4	OH Line Switch			30	45	55								
	5	OH Line Switch Motor			15	25	25								
	6	OH Line Switch RTU			15	20	20								
	7	OH Integral Switches			35	45	60								
	8	OH Conductors			50	60	75	1835	Overhead Conductors and Devices	25	4%	50	2%	No	No
	9	OH Transformers & Voltage Regulators			30	40	60	1850	Line Transformers	25	4%	40	3%	No	No
	10	OH Shunt Capacitor Banks			25	30	40								
	11	Reclosers			25	40	55								
TS & MS	12	Power Transformers	Overall		30	45	60								
			Bushing		10	20	30								
			Tap Changer		20	30	60								
	13	Station Service Transformer			30	45	55								
	14	Station Grounding Transformer			30	40	40								
	15	Station DC System	Overall		10	20	30								
			Battery Bank		10	15	15								
			Charger		20	20	30								
	16	Station Metal Clad Switchgear	Overall		30	40	60								
			Removable Breaker		25	40	60								
	17	Station Independent Breakers			35	45	65								
	18	Station Switch			30	50	60								
	19	Electromechanical Relays			25	35	50								
	20	Solid State Relays			10	30	45								
	21	Digital & Numeric Relays			15	20	20								
	22	Rigid Busbars			30	55	60								
	23	Steel Structure			35	50	90								
UG	24	Primary Paper Insulated Lead Covered (PILC) Cables			60	65	75								
	25	Primary Ethylene-Propylene Rubber (EPR) Cables			20	25	25								
	26	Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried			20	25	30								
	27	Primary Non-TR XLPE Cables in Duct			20	25	30								
	30	Secondary PILC Cables			70	75	80								
	31	Secondary Cables Direct Buried			25	35	40	1845	Underground Conductors and Devices	25	4%	30	3%	No	No
	32	Secondary Cables in Duct			35	40	60								
	33	Network Tranformers	Overall		20	35	50								
			Protector		20	35	40								
	34	Pad-Mounted Transformers			25	40	45	1850	Line Transformers	25	4%	40	3%	No	No
	35	Submersible/Vault Transformers			25	35	45								
	36	UG Foundation			35	55	70								
	37	UG Vaults	Overall		40	60	80								
			Roof		20	30	45								
	38	UG Vault Switches			20	35	50								
	39	Pad-Mounted Switchgear			20	30	45								
	40	Ducts			30	50	85	1840	Underground Conduit	25	4%	40	3%	No	No
	41	Concrete Encased Duct Banks			35	55	80								
	42	Cable Chambers			50	60	80								
S	43	Remote SCADA			15	20	30								

#	Asset Details: Category| Component | Type		Useful Life Range		USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of Min, Max TUL?	
							Years	Rate	Years	Rate	Below Min Range	Above Max Range
1	Office Equipment		5	15	1915	Office Furniture and Equipment	10	10%	10	10%	No	No
2	Vehicles	Trucks & Buckets	5	15	1930	Transportation Equipment	8	13%	10	10%	No	No
		Trailers	5	20	1930	Transportation Equipment	5	20%	7	14%	No	No
		Vans	5	10	1930	Transportation Equipment	5	20%	7	14%	No	No
3	Administrative Buildings		50	75	1908	Buildings and Fixtures	25	4%	50	2%	No	No
4	Leasehold Improvements		Lease dependent									
5	Station Buildings	Station Buildings	50	75								
		Parking	25	30								
		Fence	25	60								
		Roof	20	30								
6	Computer Equipment	Hardware	3	5	1920	Computer Equipment - Hardware	5	20%	5	20%	No	No
		Software	2	5	1611	Computer Software	5	20%	5	20%	No	No
7	Equipment	Power Operated	5	10								
		Stores	5	10	1935	Stores Equipment	10	10%	10	10%	No	No
		Tools, Shop, Garage Equipment	5	10	1940	Tools, Shop and Garage Equipment	10	10%	10	10%	No	No
		Measurement & Testing Equipment	5	10	1945	Power Measurement & Test Equip	10	10%	10	10%	No	No
8	Communication	Towers	60	70								
		Wireless	2	10	1955	Communication Equipment	10	10%	10	10%	No	No
9	Residential Energy Meters		25	35								
10	Industrial/Commercial Energy Meters		25	35	1860	Meters	25	4%	25	4%	No	No
11	Wholesale Energy Meters		15	30	1860	Meters	25	4%	25	4%	No	No
12	Current & Potential Transformer (CT & PT)		35	50								
13	Smart Meters		5	15	1860	Meters	25	4%	15	7%	No	No
14	Repeaters - Smart Metering		10	15								
15	Data Collectors - Smart Metering		15	20								

4.11.4 Depreciation Expense

Consistent with Board Appendix 2-C, EPLC completed the following depreciation and amortization expense tables included as Figures 42-48 below. As specified in the Filing Requirements, EPLC completed 2-C for the following years and accounting standards:

- Figure 42 - 2013 CGAAP;
- Figure 43 - 2013 RCGAAP;
- Figure 44 - 2014 RCGAAP;
- Figure 45 - 2015 MIFRS
- Figure 46 - 2016 MIFRS
- Figure 47 - 2017 MIFRS;
- Figure 48 - 2018 MIFRS;

Variances identified in the tables below are the result of EPLC's historical treatment of contributed capital. Since the formation of EPLC and the amalgamation of its four municipal PUCs in 2000 and until 2008, EPLC allocated contributed capital among distribution assets for the purpose of depreciation calculation. This practice ended in 2009 and asset acquired after 2005 began to be depreciated based on their original capitalized values with a separate depreciation entry recorded to contributed capital. Assets acquired prior to 2005 continued to be depreciated with contributed capital allocations. All other variances are immaterial.

Figure 42 – Depreciation and Amortization Expense – 2013 CGAAP

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096		$ 415,096			$ -	$ 66,055	2.67	37.45%	5	20.00%	$ 155,467	$ -	$ 6,605	$ 162,072	$ 84,022	-$ 78,050
1612	Land Rights (Formally known as Account 1906)	$ 105,692		$ 105,692			$ -	$ 60,262	46.50	2.15%	50	2.00%	$ 2,273	$ -	$ 603	$ 2,876	$ 2,902	$ 27
1805	Land	$ 47,899		$ 47,899			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461		$ 82,461			$ -	$ 1,572	21.00	4.76%	25	4.00%	$ 3,927	$ -	$ 31	$ 3,958	$ 4,594	$ 636
1825	Storage Battery Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962		$ 5,420,962			$ -	$ 427,090	20.08	4.98%	25	4.00%	$ 269,968	$ -	$ 8,542	$ 278,510	$ 219,433	-$ 59,077
1835	Overhead Conductors & Devices	$ 3,471,065		$ 3,471,065			$ -	$ 542,962	17.00	5.88%	25	4.00%	$ 204,180	$ -	$ 10,859	$ 215,040	$ 276,494	$ 61,454
1840	Underground Conduit	$ 8,282,816		$ 8,282,816			$ -	$ 914,367	19.08	5.24%	25	4.00%	$ 434,110	$ -	$ 18,287	$ 452,397	$ 346,792	-$ 105,606
1845	Underground Conductors & Devices	$ 7,075,569		$ 7,075,569			$ -	$ 1,015,489	18.00	5.56%	25	4.00%	$ 393,087	$ -	$ 20,310	$ 413,397	$ 480,111	$ 66,714
1850	Line Transformers	$ 10,116,755		$ 10,116,755			$ -	$ 1,487,986	20.00	5.00%	25	4.00%	$ 505,838	$ -	$ 29,760	$ 535,597	$ 635,746	$ 100,148
1855	Services (Overhead)	$ 1,066,258		$ 1,066,258			$ -	$ 307,890	18.00	5.56%	25	4.00%	$ 59,237	$ -	$ 6,158	$ 65,394	$ 60,875	-$ 4,520
1855	Services (Underground)	$ 4,734,149		$ 4,734,149			$ -	$ 620,242	19.08		25		$ 248,121	$ -	$ 12,405	$ 260,526	$ 291,278	$ 30,752
1860	Meters	$ 3,293,757		$ 3,293,757			$ -	$ 156,556	19.00	5.26%	25	4.00%	$ 173,356	$ -	$ 3,131	$ 176,487	$ 274,103	$ 97,615
1860	Meters (Smart Meters)	$ 554,186		$ 554,186			$ -	$ 37,316	24.50	4.08%	25	4.00%	$ 22,620	$ -	$ 746	$ 23,366	$ 31,148	$ 7,782
1905	Land	$ 190,119		$ 190,119			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376		$ 2,015,376			$ -	$ 27,401	22.00	4.55%	25	4.00%	$ 91,608	$ -	$ 548	$ 92,156	$ 94,562	$ 2,406
1910	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266		$ 74,266			$ -	$ 8,365	5.00	20.00%	5	20.00%	$ 14,853	$ -	$ 837	$ 15,690	$ 17,562	$ 1,872
1915	Office Furniture & Equipment (5 years)	$ -		$ -			$ -			0.00%	10	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650		$ 134,650			$ -	$ 18,106	3.50	28.57%	5	20.00%	$ 38,471	$ -	$ 1,811	$ 40,282	$ 50,350	$ 10,068
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171		$ 1,043,171			$ -	$ 382,064	8.80	11.36%	8	12.50%	$ 118,542	$ -	$ 23,879	$ 142,421	$ 273,213	$ 130,792
1935	Stores Equipment	$ 17,416		$ 17,416			$ -		7.85	12.74%	10	10.00%	$ 2,219	$ -	$ -	$ 2,219	$ 3,708	$ 1,489
1940	Tools, Shop & Garage Equipment	$ 204,435		$ 204,435			$ -	$ 54,159	7.33	13.64%	10	10.00%	$ 27,890	$ -	$ 2,708	$ 30,598	$ 33,574	$ 2,976
1945	Measurement & Testing Equipment	$ 39,772		$ 39,772			$ -		6.25	16.00%	10	10.00%	$ 6,363	$ -	$ -	$ 6,363	$ 6,398	$ 35
1950	Power Operated Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481		$ 112,481			$ -	$ 4,947	6.12	16.34%	10	10.00%	$ 18,379	$ -	$ 247	$ 18,627	$ 21,372	$ 2,745
1955	Communication Equipment (Smart Meters)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613		-$ 11,862,613			$ -	-$ 2,191,898	20.00	5.00%	25	4.00%	-$ 593,131	$ -	-$ 43,838	-$ 636,969	-$ 360,377	$ 276,592
	Total	$ 36,635,738	$ -	$ 36,635,738	$ -	$ -	$ -	$ 3,940,933					$ 2,197,378	$ -	$ 103,629	$ 2,301,007	$ 2,847,858	$ 546,850

Figure 43 – Depreciation and Amortization Expense – 2013 RCGAAP

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1)[1]	Less Fully Depreciated[7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change[2]	Less Fully Depreciated[8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change[3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change[4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions[5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance[6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096		$ 415,096			$ -	$ 66,055	2.67	37.45%	5.00	20.00%	$ 155,467	$ -	$ 6,605	$ 162,072	$ 342,040	$ 179,967
1612	Land Rights (Formally known as Account 1906)	$ 105,692		$ 105,692			$ -	$ 60,262	44.00	2.27%	50.00	2.00%	$ 2,402	$ -	$ 603	$ 3,005	$ 2,930	-$ 75
1805	Land	$ 47,899		$ 47,899			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461		$ 82,461			$ -	$ 1,432	21.80	4.59%	25.00	4.00%	$ 3,783	$ -	$ 29	$ 3,811	$ 4,002	$ 191
1825	Storage Battery Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 5,420,962		$ 5,420,962			$ -	$ 388,994	45.50	2.20%	50.00	2.00%	$ 119,142	$ -	$ 3,890	$ 123,032	$ 148,490	$ 25,458
1835	Overhead Conductors & Devices	$ 3,471,065		$ 3,471,065			$ -	$ 494,530	44.00	2.27%	50.00	2.00%	$ 78,888	$ -	$ 4,945	$ 83,833	$ 95,859	$ 12,026
1840	Underground Conduit	$ 8,282,816		$ 8,282,816			$ -	$ 832,806	34.00	2.94%	40.00	2.50%	$ 243,612	$ -	$ 10,410	$ 254,022	$ 199,739	-$ 54,283
1845	Underground Conductors & Devices	$ 7,075,569		$ 7,075,569			$ -	$ 924,907	24.00	4.17%	30.00	3.33%	$ 294,815	$ -	$ 15,415	$ 310,230	$ 229,618	-$ 80,612
1850	Line Transformers	$ 10,116,755		$ 10,116,755			$ -	$ 1,355,258	34.00	2.94%	40.00	2.50%	$ 297,552	$ -	$ 16,941	$ 314,492	$ 326,072	$ 11,579
1855	Services (Overhead)	$ 1,066,258		$ 1,066,258			$ -	$ 279,903	44.00	2.27%	50.00	2.00%	$ 24,233	$ -	$ 2,799	$ 27,032	$ 28,434	$ 1,402
1855	Services (Underground)	$ 4,734,149		$ 4,734,149			$ -	$ 565,440	34.00	2.94%	40.00	2.50%	$ 139,240	$ -	$ 7,068	$ 146,308	$ 116,093	-$ 30,215
1860	Meters	$ 3,293,757		$ 3,293,757			$ -	$ 150,060	20.00	5.00%	25.00	4.00%	$ 164,688	$ -	$ 3,001	$ 167,689	$ 167,575	-$ 114
1860	Meters (Smart Meters)	$ 554,186		$ 554,186			$ -	$ 24,347	14.50	6.90%	15.00	6.67%	$ 38,220	$ -	$ 812	$ 39,031	$ 31,148	-$ 7,883
1905	Land	$ 190,119		$ 190,119			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376		$ 2,015,376			$ -	$ 27,401	47.50	2.11%	50.00	2.00%	$ 42,429	$ -	$ 274	$ 42,703	$ 42,858	$ 155
1910	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266		$ 74,266			$ -	$ 8,365	6.60	15.15%	10.00	10.00%	$ 11,252	$ -	$ 418	$ 11,671	$ 16,755	$ 5,085
1915	Office Furniture & Equipment (5 years)	$ -		$ -			$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650		$ 134,650			$ -	$ 18,106	2.50	40.00%	5.00	20.00%	$ 53,860	$ -	$ 1,811	$ 55,670	$ 141,384	$ 85,714
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171		$ 1,043,171			$ -	$ 382,064	13.00	7.69%	10.00	10.00%	$ 80,244	$ -	$ 19,103	$ 99,347	$ 157,920	$ 58,573
1935	Stores Equipment	$ 17,416		$ 17,416			$ -		8.00	12.50%	10.00	10.00%	$ 2,177	$ -	$ -	$ 2,177	$ 3,670	$ 1,493
1940	Tools, Shop & Garage Equipment	$ 204,435		$ 204,435			$ -	$ 54,159	7.60	13.16%	10.00	10.00%	$ 26,899	$ -	$ 2,708	$ 29,607	$ 58,184	$ 28,577
1945	Measurement & Testing Equipment	$ 39,772		$ 39,772			$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -	$ 11,669	$ 11,669
1950	Power Operated Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communications Equipment	$ 112,481		$ 112,481			$ -	$ 4,947	5.00	20.00%	10.00	10.00%	$ 22,496	$ -	$ 247	$ 22,744	$ 59,435	$ 36,691
1955	Communication Equipment (Smart Meters)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613		-$ 11,862,613			$ -	-$ 2,191,898	33.50	2.99%	40.00	2.50%	-$ 354,108	$ -	-$ 27,399	-$ 381,507	-$ 278,492	$ 103,015
	Total	$ 36,635,738	$ -	$ 36,635,738	$ -	$ -	$ -	$ 3,447,128					$ 1,447,291	$ -	$ 69,680	$ 1,516,971	$ 1,905,383	$ 388,412

Figure 44 – Depreciation and Amortization Expense – 2014 RCGAAP

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1)[1]	Less Fully Depreciated[7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change[2]	Less Fully Depreciated[8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change[3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change[4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions[5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance[6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 155,466.71	$ 259,629	$ 66,055		$ 66,055	$ 74,868	2.67	37.45%	5.00	20.00%	$ 97,239	$ 13,211	$ 7,487	$ 117,937	$ 75,831	-$ 42,106
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 2,402.08	$ 103,290	$ 60,262		$ 60,262	$ 15,071	43.00	2.33%	50.00	2.00%	$ 2,402	$ 1,205	$ 151	$ 3,758	$ 3,679	-$ 79
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 3,782.59	$ 78,678	$ 1,432		$ 1,432		20.80	4.81%	25.00	4.00%	$ 3,783	$ 57	$ -	$ 3,840	$ 3,599	-$ 240
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 119,142.02	$ 5,301,820	$ 388,994		$ 388,994	$ 490,624	44.50	2.25%	50.00	2.00%	$ 119,142	$ 7,780	$ 4,906	$ 131,828	$ 129,121	-$ 2,707
1835	Overhead Conductors & Devices	$ 3,471,065	$ 78,887.84	$ 3,392,177	$ 494,530		$ 494,530	$ 431,488	43.00	2.33%	50.00	2.00%	$ 78,888	$ 9,891	$ 4,315	$ 93,093	$ 73,359	-$ 19,734
1940	Underground Conduit	$ 8,282,816	$ 243,612.24	$ 8,039,204	$ 832,806		$ 832,806	$ 1,250,716	33.00	3.03%	40.00	2.50%	$ 243,612	$ 20,820	$ 15,634	$ 280,066	$ 122,833	-$ 157,234
1845	Underground Conductors & Devices	$ 7,075,569	$ 294,815.36	$ 6,780,753	$ 924,907		$ 924,907	$ 839,997	23.00	4.35%	30.00	3.33%	$ 294,815	$ 30,830	$ 14,000	$ 339,646	$ 365,105	$ 25,460
1850	Line Transformers	$ 10,116,755	$ 297,551.62	$ 9,819,203	$ 1,355,258		$ 1,355,258	$ 1,287,293	33.00	3.03%	40.00	2.50%	$ 297,552	$ 33,881	$ 16,091	$ 347,524	$ 353,494	$ 5,970
1855	Services (Overhead & Underground)	$ 1,066,258	$ 24,233.15	$ 1,042,025	$ 279,903		$ 279,903	$ 274,859	43.00	2.33%	50.00	2.00%	$ 24,233	$ 5,598	$ 2,749	$ 32,580	$ 34,973	$ 2,393
1855	Services (Underground)	$ 4,734,149	$ 139,239.68	$ 4,594,909	$ 565,440		$ 565,440	$ 770,067	33.00	3.03%	40.00	2.50%	$ 139,240	$ 14,136	$ 9,626	$ 163,002	$ 131,827	-$ 31,175
1860	Meters	$ 3,293,757	$ 164,687.86	$ 3,129,069	$ 150,060		$ 150,060	$ 68,368	19.00	5.26%	25.00	4.00%	$ 164,688	$ 6,002	$ 1,367	$ 172,058	$ 178,821	$ 6,763
1860	Meters (Smart Meters)	$ 554,186	$ 38,219.73	$ 515,966	$ 24,347		$ 24,347	$ 26,539	13.50	7.41%	15.00	6.67%	$ 38,220	$ 1,623	$ 885	$ 40,728	$ 23,884	-$ 16,844
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 42,428.97	$ 1,972,947	$ 27,401		$ 27,401		46.50	2.15%	50.00	2.00%	$ 42,429	$ 548	$ -	$ 42,977	$ 27,100	-$ 15,877
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 11,252.46	$ 63,014	$ 8,365		$ 8,365	$ 1,499	5.60	17.86%	10.00	10.00%	$ 11,252	$ 837	$ 75	$ 12,164	$ 17,979	$ 5,816
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 53,859.81	$ 80,790	$ 18,106		$ 18,106	$ 43,348	1.50	66.67%	5.00	20.00%	$ 53,860	$ 3,621	$ 4,335	$ 61,816	$ 4,346	-$ 57,470
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 80,243.92	$ 962,927	$ 382,064		$ 382,064	$ 425,100	12.00	8.33%	10.00	10.00%	$ 80,244	$ 38,206	$ 21,255	$ 139,705	$ 146,305	$ 6,599
1935	Stores Equipment	$ 17,416	$ 2,177.04	$ 15,239	$ -		$ -		7.00	14.29%	10.00	10.00%	$ 2,177	$ -	$ -	$ 2,177	$ 2,673	$ 496
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 26,899.30	$ 177,535	$ 54,159		$ 54,159	$ 78,333	6.60	15.15%	10.00	10.00%	$ 26,899	$ 5,416	$ 3,917	$ 36,232	$ 63,233	$ 27,002
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -	$ 11,235	$ 11,235
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 22,496.19	$ 89,985	$ 4,947		$ 4,947		4.00	25.00%	10.00	10.00%	$ 22,496	$ 495	$ -	$ 22,991	$ 43,937	$ 20,946
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 354,107.85	-$ 11,508,505	-$ 2,191,898		-$ 2,191,898	-$ 1,122,171	32.50	3.08%	40.00	2.50%	-$ 354,108	-$ 54,797	-$ 14,027	-$ 422,932	-$ 247,371	$ 175,561
	Total	$ 36,635,738	$ 1,447,291	$ 35,188,447	$ 3,447,138	$ -	$ 3,447,138	$ 4,955,998					$ 1,399,063	$ 139,361	$ 92,764	$ 1,621,189	$ 1,565,965	-$ 55,224

Figure 45 – Depreciation and Amortization Expense – 2015 MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d-e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 252,706	$ 162,390	$ 140,923		$ 140,923	$ 17,043	2.50	40.00%	5.00	20.00%	$ 64,956	$ 28,185	$ 1,704	$ 94,845	$ 75,579	-$ 19,266
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 4,804	$ 100,887	$ 75,333		$ 75,333	$ 14,661	42.00	2.38%	50.00	2.00%	$ 2,402	$ 1,507	$ 147	$ 4,055	$ 3,983	-$ 72
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 7,565	$ 74,895	$ 1,432	$ 1,432	-$ 0		19.80	5.05%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783	$ -	-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 238,284	$ 5,182,678	$ 879,618		$ 879,618	$ 934,800	43.50	2.30%	50.00	2.00%	$ 119,142	$ 17,592	$ 9,348	$ 146,082	$ 133,666	-$ 12,416
1835	Overhead Conductors & Devices	$ 3,471,065	$ 157,776	$ 3,313,289	$ 926,017		$ 926,017	$ 990,160	42.00	2.38%	50.00	2.00%	$ 78,888	$ 18,520	$ 9,902	$ 107,310	$ 73,557	-$ 33,753
1840	Underground Conduit	$ 8,282,816	$ 487,224	$ 7,795,592	$ 2,083,521		$ 2,083,521	$ 279,301	32.00	3.13%	40.00	2.50%	$ 243,612	$ 52,088	$ 3,491	$ 299,192	$ 226,513	-$ 72,679
1845	Underground Conductors & Devices	$ 7,075,569	$ 575,441	$ 6,500,128	$ 1,764,904		$ 1,764,904	$ 584,507	22.00	4.55%	30.00	3.33%	$ 295,460	$ 58,830	$ 9,742	$ 364,032	$ 287,646	-$ 76,386
1850	Line Transformers	$ 10,116,755	$ 595,103	$ 9,521,652	$ 2,642,551		$ 2,642,551	$ 923,100	32.00	3.13%	40.00	2.50%	$ 297,552	$ 66,064	$ 11,539	$ 375,154	$ 287,574	-$ 87,580
1855	Services (Overhead)	$ 1,066,258	$ 48,466	$ 1,017,792	$ 554,762		$ 554,762	$ 197,869	42.00	2.38%	50.00	2.00%	$ 24,233	$ 11,095	$ 1,979	$ 37,307	$ 28,760	-$ 8,547
1855	Services (Underground)	$ 4,734,149	$ 278,479	$ 4,455,670	$ 1,335,508		$ 1,335,508	$ 864,431	32.00	3.13%	40.00	2.50%	$ 139,240	$ 33,388	$ 10,805	$ 183,433	$ 129,512	-$ 53,921
1860	Meters	$ 3,293,757	$ 329,376	$ 2,964,381	$ 218,427		$ 218,427	$ 241,104	18.00	5.56%	25.00	4.00%	$ 164,688	$ 8,737	$ 4,822	$ 178,247	$ 139,296	-$ 38,951
1860	Meters (Smart Meters)	$ 554,186	$ 76,439	$ 477,747	$ 50,886		$ 50,886	$ 3,196,304	12.50	8.00%	15.00	6.67%	$ 38,220	$ 3,392	$ 106,543	$ 148,156	$ 244,350	$ 96,194
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 84,858	$ 1,930,518	$ 27,401		$ 27,401	$ 48,914	45.50	2.20%	50.00	2.00%	$ 42,429	$ 548	$ 489	$ 43,466	$ 41,157	-$ 2,309
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 22,505	$ 51,761	$ 9,864		$ 9,864	$ 5,980	4.60	21.74%	10.00	10.00%	$ 11,252	$ 986	$ 299	$ 12,538	$ 8,342	-$ 4,196
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 107,720	$ 26,930	$ 61,454		$ 61,454	$ 3,875	0.50	200.00%	5.00	20.00%	$ 53,860	$ 12,291	$ 388	$ 66,538	$ 35,385	-$ 31,153
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 160,488	$ 882,683	$ 807,164		$ 807,164	$ 402,157	11.00	9.09%	10.00	10.00%	$ 80,244	$ 80,716	$ 20,108	$ 181,068	$ 189,589	$ 8,521
1935	Stores Equipment	$ 17,416	$ 4,354	$ 13,062	$ -		$ -	$ 17	6.00	16.67%	10.00	10.00%	$ 2,177	$ -	$ 1	$ 2,178	$ 2,198	$ 20
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 53,799	$ 150,636	$ 132,492		$ 132,492	$ 56,539	5.60	17.86%	10.00	10.00%	$ 26,898	$ 13,249	$ 2,827	$ 42,975	$ 42,042	-$ 933
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -	$ 6,269	$ 6,269
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 44,992	$ 67,489	$ 4,947		$ 4,947	$ 12,943	3.00	33.33%	10.00	10.00%	$ 22,496	$ 495	$ 647	$ 23,638	$ 29,553	$ 5,915
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 708,216	-$ 11,154,397	-$ 3,314,069		-$ 3,314,069	-$ 1,448,183	31.50	3.17%	40.00	2.50%	-$ 354,108	-$ 82,852	-$ 18,102	-$ 455,062	-$ 552,530	-$ 97,468
	Total	$ 36,635,738	$ 2,822,164	$ 33,813,573	$ 8,403,136	$ 1,432	$ 8,401,704	$ 7,325,523					$ 1,357,425	$ 324,832	$ 176,678	$ 1,858,935	$ 1,432,441	-$ 426,495

Figure 46 – Depreciation and Amortization Expense – 2016 MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1)[1]	Less Fully Depreciated[7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change[2]	Less Fully Depreciated[8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change[3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change[4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions[5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance[6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 317,662	$ 97,434	$ 157,966		$ 157,966	$ 5,217	2.50	40.00%	5.00	20.00%	$ 38,974	$ 31,593	$ 522	$ 71,088	$ 63,196	-$ 7,892
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 7,206	$ 98,485	$ 89,994		$ 89,994	$ 2,644	41.00	2.44%	50.00	2.00%	$ 2,402	$ 1,800	$ 26	$ 4,228	$ 4,114	-$ 114
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 11,348	$ 71,113	-$ 0		-$ 0		18.80	5.32%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783		-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 357,426	$ 5,063,536	$ 1,814,418		$ 1,814,418	$ 598,652	42.50	2.35%	50.00	2.00%	$ 119,142	$ 36,288	$ 5,987	$ 161,417	$ 148,824	-$ 12,593
1835	Overhead Conductors & Devices	$ 3,471,065	$ 236,664	$ 3,234,402	$ 1,916,177		$ 1,916,177	$ 956,400	41.00	2.44%	50.00	2.00%	$ 78,888	$ 38,324	$ 9,564	$ 126,775	$ 89,922	-$ 36,853
1840	Underground Conduit	$ 8,282,816	$ 730,837	$ 7,551,979	$ 2,362,822		$ 2,362,822	$ 213,140	31.00	3.23%	40.00	2.50%	$ 243,612	$ 59,071	$ 2,664	$ 305,347	$ 232,711	-$ 72,636
1845	Underground Conductors & Devices	$ 7,075,569	$ 870,901	$ 6,204,668	$ 2,349,411		$ 2,349,411	$ 577,705	21.00	4.76%	30.00	3.33%	$ 295,460	$ 78,314	$ 9,628	$ 383,402	$ 293,497	-$ 89,905
1850	Line Transformers	$ 10,116,755	$ 892,655	$ 9,224,100	$ 3,565,651		$ 3,565,651	$ 774,929	31.00	3.23%	40.00	2.50%	$ 297,552	$ 89,141	$ 9,687	$ 396,380	$ 334,035	-$ 62,345
1855	Services (Overhead)	$ 1,066,258	$ 72,699	$ 993,559	$ 752,631		$ 752,631	$ 227,956	41.00	2.44%	50.00	2.00%	$ 24,233	$ 15,053	$ 2,280	$ 41,565	$ 22,691	-$ 18,874
1855	Services (Underground)	$ 4,734,149	$ 417,719	$ 4,316,430	$ 2,199,939		$ 2,199,939	$ 665,323	31.00	3.23%	40.00	2.50%	$ 139,240	$ 54,998	$ 8,317	$ 202,555	$ 155,919	-$ 46,636
1860	Meters	$ 3,293,757	$ 494,064	$ 2,799,694	$ 459,531		$ 459,531	$ 411,948	17.00	5.88%	25.00	4.00%	$ 164,688	$ 18,381	$ 8,239	$ 191,308	$ 96,476	-$ 94,832
1860	Meters (Smart Meters)	$ 554,186	$ 114,659	$ 439,527	$ 3,247,190		$ 3,247,190	$ 66,961	11.50	8.70%	15.00	6.67%	$ 38,220	$ 216,479	$ 2,232	$ 256,931	$ 278,118	$ 21,187
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 127,287	$ 1,888,089	$ 76,315		$ 76,315	$ 42,469	44.50	2.25%	50.00	2.00%	$ 42,429	$ 1,526	$ 425	$ 44,380	$ 42,169	-$ 2,211
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 33,757	$ 40,509	$ 15,844		$ 15,844	$ 20,672	3.60	27.78%	10.00	10.00%	$ 11,252	$ 1,584	$ 1,034	$ 13,870	$ 9,697	-$ 4,173
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 161,579	-$ 26,930	$ 65,329		$ 65,329	$ 117,329		0.00%	5.00	20.00%	$ -	$ 13,066	$ 11,733	$ 24,799	$ 11,815	-$ 12,984
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 240,732	$ 802,439	$ 1,209,321		$ 1,209,321	$ 136,662	10.00	10.00%	10.00	10.00%	$ 80,244	$ 120,932	$ 6,833	$ 208,009	$ 213,884	$ 5,875
1935	Stores Equipment	$ 17,416	$ 6,531	$ 10,885	$ 17		$ 17	$ 10,275	5.00	20.00%	10.00	10.00%	$ 2,177	$ 2	$ 514	$ 2,692	$ 2,701	$ 9
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 80,698	$ 123,737	$ 189,031		$ 189,031	$ 45,830	4.60	21.74%	10.00	10.00%	$ 26,899	$ 18,903	$ 2,292	$ 48,094	$ 46,828	-$ 1,266
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ -		$ -	$ 6,260		0.00%	10.00	10.00%	$ -	$ -	$ 313	$ 313	$ 6,599	$ 6,286
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 67,489	$ 44,992	$ 17,890		$ 17,890		2.00	50.00%	10.00	10.00%	$ 22,496	$ 1,789	$ -	$ 24,285	$ 29,874	$ 5,589
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 1,062,324	-$ 10,800,289	-$ 4,762,252		-$ 4,762,252	-$ 931,021	30.50	3.28%	40.00	2.50%	-$ 354,108	-$ 119,056	-$ 11,638	-$ 484,802	-$ 589,771	-$ 104,969
	Total	$ 36,635,738	$ 4,179,589	$ 32,456,148	$ 15,727,226	$ -	$ 15,727,226	$ 3,949,352					$ 1,277,583	$ 678,188	$ 70,650	$ 2,026,421	$ 1,493,299	-$ 533,122

Figure 47 – Depreciation and Amortization Expense – 2017 MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 356,636	$ 58,460	$ 163,183		$ 163,183	$ 254,500	1.00	100.00%	5.00	20.00%	$ 58,460	$ 32,637	$ 25,450	$ 116,547	$ 81,624	-$ 34,923
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 9,608	$ 96,083	$ 92,638		$ 92,638	$ 42,192	40.00	2.50%	50.00	2.00%	$ 2,402	$ 1,853	$ 422	$ 4,677	$ 4,604	-$ 73
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 15,130	$ 67,330	-$ 0		-$ 0		17.80	5.62%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783		-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 476,568	$ 4,944,394	$ 2,413,070		$ 2,413,070	$ 932,338	41.50	2.41%	50.00	2.00%	$ 119,142	$ 48,261	$ 9,323	$ 176,727	$ 163,794	-$ 12,933
1835	Overhead Conductors & Devices	$ 3,471,065	$ 315,551	$ 3,155,514	$ 2,872,577		$ 2,872,577	$ 541,648	40.00	2.50%	50.00	2.00%	$ 78,888	$ 57,452	$ 5,416	$ 141,756	$ 104,679	-$ 37,077
1840	Underground Conduit	$ 8,282,816	$ 974,449	$ 7,308,367	$ 2,575,962		$ 2,575,962	$ 734,410	30.00	3.33%	40.00	2.50%	$ 243,612	$ 64,399	$ 9,180	$ 317,191	$ 243,945	-$ 73,246
1845	Underground Conductors & Devices	$ 7,075,569	$ 1,166,361	$ 5,909,207	$ 2,927,116		$ 2,927,116	$ 788,211	20.00	5.00%	30.00	3.33%	$ 295,460	$ 97,571	$ 13,137	$ 406,168	$ 314,089	-$ 92,079
1850	Line Transformers	$ 10,116,755	$ 1,190,206	$ 8,926,549	$ 4,340,580		$ 4,340,580	$ 1,025,570	30.00	3.33%	40.00	2.50%	$ 297,552	$ 108,514	$ 12,820	$ 418,886	$ 322,980	-$ 95,906
1855	Services (Overhead & Underground)	$ 1,066,258	$ 96,933	$ 969,326	$ 980,588		$ 980,588	$ 205,679	40.00	2.50%	50.00	2.00%	$ 24,233	$ 19,612	$ 2,057	$ 45,902	$ 22,691	-$ 23,211
1855	Services (Underground)	$ 4,734,149	$ 556,959	$ 4,177,190	$ 2,865,262		$ 2,865,262	$ 617,036	30.00	3.33%	40.00	2.50%	$ 139,240	$ 71,632	$ 7,713	$ 218,584	$ 174,345	-$ 44,239
1860	Meters	$ 3,293,757	$ 658,751	$ 2,635,006	$ 871,479		$ 871,479	$ 266,932	16.00	6.25%	25.00	4.00%	$ 164,688	$ 34,859	$ 5,339	$ 204,886	$ 106,260	-$ 98,626
1860	Meters (Smart Meters)	$ 554,186	$ 152,879	$ 401,307	$ 3,314,151		$ 3,314,151		10.50	9.52%	15.00	6.67%	$ 38,220	$ 220,943	$ -	$ 259,163	$ 278,118	$ 18,955
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 45,350	$ 45,350
1908	Buildings & Fixtures	$ 2,015,376	$ 169,716	$ 1,845,660	$ 118,784		$ 118,784	$ 286,800	43.50	2.30%	50.00	2.00%	$ 42,429	$ 2,376	$ 2,868	$ 47,673		-$ 47,673
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 11,209	$ 11,209
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 45,010	$ 29,256	$ 36,516		$ 36,516	$ 10,000	2.60	38.46%	10.00	10.00%	$ 11,252	$ 3,652	$ 500	$ 15,404		-$ 15,404
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 161,579	-$ 26,930	$ 182,658		$ 182,658	$ 356,150		0.00%	5.00	20.00%	$ -	$ 36,532	$ 35,615	$ 72,147	$ 73,917	$ 1,770
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 320,976	$ 722,195	$ 1,345,983		$ 1,345,983	$ 487,000	9.00	11.11%	10.00	10.00%	$ 80,244	$ 134,598	$ 24,350	$ 239,192	$ 211,990	-$ 27,202
1935	Stores Equipment	$ 17,416	$ 8,708	$ 8,708	$ 10,292		$ 10,292	$ 50,000	4.00	25.00%	10.00	10.00%	$ 2,177	$ 1,029	$ 2,500	$ 5,706	$ 5,708	$ 2
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 107,597	$ 96,837	$ 234,861		$ 234,861	$ 60,000	3.60	27.78%	10.00	10.00%	$ 26,899	$ 23,486	$ 3,000	$ 53,385	$ 52,011	-$ 1,374
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ 6,260		$ 6,260			0.00%	10.00	10.00%	$ -	$ 626	$ -	$ 626	$ 6,895	$ 6,269
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 89,985	$ 22,496	$ 17,890		$ 17,890		1.00	100.00%	10.00	10.00%	$ 22,496	$ 1,789	$ -	$ 24,285	$ 15,040	-$ 9,245
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 1,416,431	-$ 10,446,182	-$ 5,693,273		-$ 5,693,273	-$ 1,224,757	29.50	3.39%	40.00	2.50%	-$ 354,108	-$ 142,332	-$ 15,309	-$ 511,749	-$ 367,800	$ 143,949
	Total	$ 36,635,738	$ 5,457,172	$ 31,178,566	$ 19,676,578	$ -	$ 19,676,578	$ 5,433,708					$ 1,297,070	$ 819,488	$ 144,380	$ 2,260,938	$ 1,871,449	-$ 389,489

Figure 48 – Depreciation and Amortization Expense – 2018 MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1)[1]	Less Fully Depreciated[7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change[2]	Less Fully Depreciated[8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change[3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change[4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions[5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance[6]
		a	b	c = a-b	d	e	f = d-e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 415,096	$ -	$ 417,683		$ 417,683	$ 115,000		0.00%	5.00	20.00%	$ -	$ 83,537	$ 11,500	$ 95,037	$ 103,175	$ 8,138
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 12,010	$ 93,681	$ 134,830		$ 134,830	$ 48,941	39.00	2.56%	50.00	2.00%	$ 2,402	$ 2,697	$ 489	$ 5,588	$ 5,515	-$ 73
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 18,913	$ 63,548	-$ 0		-$ 0		16.80	5.95%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783		-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 595,710	$ 4,825,252	$ 3,345,408		$ 3,345,408	$ 432,914	40.50	2.47%	50.00	2.00%	$ 119,142	$ 66,908	$ 4,329	$ 190,379	$ 177,447	-$ 12,932
1835	Overhead Conductors & Devices	$ 3,471,065	$ 394,439	$ 3,076,626	$ 3,414,225		$ 3,414,225	$ 839,476	39.00	2.56%	50.00	2.00%	$ 78,888	$ 68,285	$ 8,395	$ 155,567	$ 118,491	-$ 37,076
1840	Underground Conduit	$ 8,282,816	$ 1,218,061	$ 7,064,755	$ 3,310,372		$ 3,310,372	$ 864,559	29.00	3.45%	40.00	2.50%	$ 243,612	$ 82,759	$ 10,807	$ 337,179	$ 263,932	-$ 73,247
1845	Underground Conductors & Devices	$ 7,075,569	$ 1,461,822	$ 5,613,747	$ 3,715,327		$ 3,715,327	$ 853,466	19.00	5.26%	30.00	3.33%	$ 295,460	$ 123,844	$ 14,224	$ 433,529	$ 341,450	-$ 92,079
1850	Line Transformers	$ 10,116,755	$ 1,487,758	$ 8,628,997	$ 5,366,150		$ 5,366,150	$ 1,040,794	29.00	3.45%	40.00	2.50%	$ 297,552	$ 134,154	$ 13,010	$ 444,715	$ 348,809	-$ 95,906
1855	Services (Overhead)	$ 1,066,258	$ 121,166	$ 945,093	$ 1,186,266		$ 1,186,266	$ 200,093	39.00	2.56%	50.00	2.00%	$ 24,233	$ 23,725	$ 2,001	$ 49,959	$ 22,691	-$ 27,268
1855	Services (Underground)	$ 4,734,149	$ 696,198	$ 4,037,951	$ 3,482,298		$ 3,482,298	$ 600,278	29.00	3.45%	40.00	2.50%	$ 139,240	$ 87,057	$ 7,503	$ 233,801	$ 190,576	-$ 43,225
1860	Meters	$ 3,293,757	$ 823,439	$ 2,470,318	$ 1,138,411		$ 1,138,411	$ 265,671	15.00	6.67%	25.00	4.00%	$ 164,688	$ 45,536	$ 5,313	$ 215,538	$ 124,013	-$ 91,524
1860	Meters (Smart Meters)	$ 554,186	$ 191,099	$ 363,087	$ 3,314,151		$ 3,314,151		9.50	10.53%	15.00	6.67%	$ 38,220	$ 220,943	$ -	$ 259,163	$ 278,118	$ 18,955
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 212,145	$ 1,803,231	$ 405,584		$ 405,584	$ 370,000	42.50	2.35%	50.00	2.00%	$ 42,429	$ 8,112	$ 3,700	$ 54,241	$ 51,918	-$ 2,323
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 56,262	$ 18,004	$ 46,516		$ 46,516	$ 10,000	1.60	62.50%	10.00	10.00%	$ 11,252	$ 4,652	$ 500	$ 16,404	$ 11,445	-$ 4,959
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 161,579	-$ 26,930	$ 538,808		$ 538,808	$ 161,809		0.00%	5.00	20.00%	$ -	$ 107,762	$ 16,181	$ 123,942	$ 121,790	-$ 2,152
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 401,220	$ 641,951	$ 1,832,983		$ 1,832,983	$ 270,000	8.00	12.50%	10.00	10.00%	$ 80,244	$ 183,298	$ 13,500	$ 277,042	$ 273,932	-$ 3,110
1935	Stores Equipment	$ 17,416	$ 10,885	$ 6,531	$ 60,292		$ 60,292	$ 50,000	3.00	33.33%	10.00	10.00%	$ 2,177	$ 6,029	$ 2,500	$ 10,706	$ 10,101	-$ 605
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 134,497	$ 69,938	$ 294,861		$ 294,861	$ 60,000	2.60	38.46%	10.00	10.00%	$ 26,899	$ 29,486	$ 3,000	$ 59,385	$ 49,066	-$ 10,319
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ 6,260		$ 6,260			0.00%	10.00	10.00%	$ -	$ 626	$ -	$ 626	$ 5,458	$ 4,832
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 112,481	$ -	$ 17,890		$ 17,890		-	0.00%	10.00	10.00%	$ -	$ 1,789	$ -	$ 1,789	$ 13,332	$ 11,543
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 1,770,539	-$ 10,092,074	-$ 6,918,030		-$ 6,918,030	$ 1,224,757	28.50	3.51%	40.00	2.50%	-$ 354,108	-$ 172,951	-$ 15,309	-$ 542,368	$ 398,418	$ 143,950
	Total	$ 36,635,738	$ 6,754,242	$ 29,881,496	$ 25,110,286	$ -	$ 25,110,286	$ 4,958,243					$ 1,216,113	$ 1,108,248	$ 101,644	$ 2,426,005	$ 2,112,841	-$ 313,164

4.12 PILs & Property Tax

4.12.1 PILs

As per Section 93 of the Electricity Act, the Income Tax Act (Canada) and the Corporations Tax Act (Ontario), EPLC is subject to Payments In Lieu ("PILs"). A copy of EPLC's 2016 Federal & Provincial Income Tax Returns are included as Attachment 4-N of this Exhibit.

EPLC confirms that the 2016 audited financial statements filed with this Application are the same 2016 audited financial statements filed with its Federal & Provincial Income Tax Returns.

EPLC has calculated PILs of $227,249 using the Board's Test Year Income Tax/PILs Workform. EPLC's Test Year Income Tax/PILs Workform is included as Attachment 4-O.

EPLC determined the estimated 2018 Test Year PILs by applying the 2017 tax rates against EPLC's projected Taxable Income for 2018 Test Year.

Utility Income Before Taxes

EPLC calculated 2018 Test Year Utility Income Before Taxes by subtracting 2018 expected revenue and 2018 expected expenses. The resulting 2018 Utility Income Before Taxes has been calculated as $2,104,644. Further information relating to this calculation can be found in Exhibit 6, Section 6.6.

Tax Adjustments

For the purpose of this Application, EPLC has included Tax Adjustments to account for significant temporary differences and reserves. The differences include adjustments for the difference between accounting depreciation and Capital Cost Allowance ("CCA") for tax purposes as well as the opening and closing differences for financial statement reserves. Figure 49 below outlines EPLC's calculation for Taxable Income for the 2018 Test Year.

Figure 49 – 2018 Test Year Taxable Income

Taxable Income - Test Year

		Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	2,104,644
	T2 S1 line #		
Additions:			
Interest and penalties on taxes	103		
Amortization of tangible assets 2-4 ADJUSTED ACCOUNTING DATA P489	104		2,391,096
Amortization of intangible assets 2-4 ADJUSTED ACCOUNTING DATA P490	106		108,587
Non-deductible meals and entertainment expense	121		1,900
Non-deductible penalties	293		5,974
Amortization of deferred charge	294		175,472
Post employment benefits paid	295		220,000
Total Additions			**2,903,029**
Deductions:			
Capital cost allowance from Schedule 8	403	T8	4,221,702
Post-employment benefits	394		155,676
Total Deductions		calculated	**4,377,378**
NET INCOME FOR TAX PURPOSES		calculated	**630,295**
REGULATORY TAXABLE INCOME		calculated	**630,295**

Expected 2018 Tax Rates

For the purpose of this Application, EPLC estimated a combined income tax rate of 26.5% for the 2018 Test Year.

Calculation of Tax Credits

For the purpose of this Application, EPLC does not currently estimate the realization of any Income Tax Credits.

Tax Calculation

Please see Figure 50 below which details EPLC's Tax Calculation for the 2018 Test Year.

Figure 50 – 2018 Test Year Tax Calculation

PILs Tax Provision - Test Year

							Wires Only	
Regulatory Taxable Income						T1	$ 630,295	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$ 72,484	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	$ 94,544	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 167,028**	**E = A * D**
Investment Tax Credits							$ -	**F**
Miscellaneous Tax Credits							$ -	**G**
Total Tax Credits							**$ -**	**H = F + G**
Corporate PILs/Income Tax Provision for Test Year							**$ 167,028**	**I = E - H**
Corporate PILs/Income Tax Provision Gross Up [1]					73.50%	**J = 1-D**	**$ 60,221**	**K = I/J-I**
Income Tax (grossed-up)							**$ 227,249**	**L = K + I**

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Capital Cost Allowance

Figures 51 & 52 below demonstrate EPLC's Capital Cost Allowance continuity schedules for the Bridge and Test Years respectively.

Figure 51 – 2017 Bridge Year CCA Continuity Schedule

Schedule 8 CCA - Bridge Year

Class	Class Description	Working Paper Reference	UCC Regulated Historical Year	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Bridge Year CCA		UCC End of Bridge Year
1	Distribution System - post 1987	H8	$19,327,199.00	$ 328,992		$19,656,191	$ 164,496	$19,491,695	4%	$ 779,668		$18,876,523
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	H8				$ -	$ -	$ -	6%	$ -		$ -
2	Distribution System - pre 1988	H8				$ -	$ -	$ -	6%	$ -		$ -
8	General Office/Stores Equip	H8	$ 204,133.00	$ 120,000		$ 324,133	$ 60,000	$ 264,133	20%	$ 52,827		$ 271,306
10	Computer Hardware/ Vehicles	H8	$ 821,871.00	$ 487,000		$ 1,308,871	$ 243,500	$ 1,065,371	30%	$ 319,611		$ 989,260
10.1	Certain Automobiles	H8				$ -	$ -	$ -	30%	$ -		$ -
12	Computer Software	H8	$ 106,000.00	$ 254,500		$ 360,500	$ 127,250	$ 233,250	100%	$ 233,250		$ 127,250
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	H8	$ 171,662.00			$ 171,662	$ -	$ 171,662	8%	$ 13,733		$ 157,929
47	Distribution System - post February 2005	H8	$27,791,309.00	$5,111,823		$32,903,132	$2,555,912	$30,347,221	8%	$2,427,778		$30,475,354
50	Data Network Infrastructure Equipment - post Mar 2007	H8	$ 94,693.00	$ 356,150		$ 450,843	$ 178,075	$ 272,768	55%	$ 150,022		$ 300,821
52	Computer Hardware and system software	H8				$ -	$ -	$ -	100%	$ -		$ -
95	CWIP	H8	$ 229,628.00			$ 229,628	$ -	$ 229,628	0%	$ -		$ 229,628
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)1	H10	$ 84,044.10			$ 84,044	$ -	$ 84,044	7%	$ 5,883		$ 78,161
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)1		$ -			$ -	$ -	$ -	5%	$ -		$ -
	TOTAL		$ 48,830,539	$6,658,465	$ -	$55,489,004	$3,329,233	$52,159,772		$3,982,772	B1	$51,506,232

Figure 52 – 2018 Test Year CCA Continuity Schedule

Schedule 8 CCA - Test Year

Class	Class Description	Working Paper Reference	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA		UCC End of Test Year
1	Distribution System - post 1987	B8	$ 18,876,523	418,941		$19,295,464	$ 209,471	$19,085,994	4%	$ 763,440		$18,532,024
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	B8	$ -			$ -	$ -	$ -	6%	$ -		$ -
2	Distribution System - pre 1988	B8	$ -			$ -	$ -	$ -	6%	$ -		$ -
8	General Office/Stores Equip	B8	$ 271,306	120,000		$ 391,306	$ 60,000	$ 331,306	20%	$ 66,261		$ 325,045
10	Computer Hardware/ Vehicles	B8	$ 989,260	270,000		$ 1,259,260	$ 135,000	$ 1,124,260	30%	$ 337,278		$ 921,982
10.1	Certain Automobiles	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
12	Computer Software	B8	$ 127,250	115,000		$ 242,250	$ 57,500	$ 184,750	100%	$ 184,750		$ 57,500
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	B8	$ 157,929			$ 157,929	$ -	$ 157,929	8%	$ 12,634		$ 145,295
47	Distribution System - post February 2005	B8	$ 30,475,354	5,097,250		$35,572,604	$2,548,625	$33,023,979	8%	$2,641,918		$32,930,686
50	Data Network Infrastructure Equipment - post Mar 2007	B8	$ 300,821	161,809		$ 462,630	$ 80,905	$ 381,725	55%	$ 209,949		$ 252,681
52	Computer Hardware and system software	B8	$ -			$ -	$ -	$ -	100%	$ -		$ -
95	CWIP	B8	$ 229,628			$ 229,628	$ -	$ 229,628	0%	$ -		$ 229,628
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)1	B8	$ 78,161			$ 78,161	$ -	$ 78,161	7%	$ 5,471		$ 72,690
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)1	B8	$ -			$ -	$ -	$ -	5%	$ -		$ -
	TOTAL		$ 51,506,232	$6,183,000	$ -	$57,689,232	$3,091,500	$54,597,732		$4,221,702	T1	$53,467,531

4.12.2 Property Tax

EPLC pays property tax for its service station and offices located at 2730 Highway #3, Oldcastle, Ontario as well as a few smaller parcels of land that EPLC owns throughout its distribution territory. Figure 53 below outlines EPLC's historical Property Tax spend.

Figure 53 – Historical Property Tax Spend

2010 BAP	2010 Actual	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Bridge	2018 Test
$ 85,824	$ 68,136	$ 43,471	$ 43,122	$ 45,301	$ 44,568	$ 41,843	$ 41,042	$ 42,639	$ 42,554

4.13 Non-Recoverable & Disallowed Expenses

Aside from excluded non-regulated revenues and expenses, EPLC does not have any non-recoverable or disallowed expenses that are deductible for general tax purposes but would be included in 2018 distribution rates.

4.14 Integrity Checks

EPLC confirms the following integrity checks have been completed for the purpose of this Application:

- The depreciation and amortization added back in this Application's PILs Model agree with the numbers disclosed in Exhibit 2 of this Application;
- The capital additions and deductions in the UCC/CCA Schedule 8 agree with the Exhibit 2 of this Application for historical, Bridge and Test Years;
- The opening 2017 Bridge Year UCC at January 1st agrees with the closing December 31st historical year UCC as shown in EPLC's most recent federal T2 tax return (2016);
- The CCA deductions in this Application's PILs Model for historical, Bridge and Test Years agree with the numbers in the UCC schedules for the same years filed in this Application;
- EPLC does not have any tax loss carry-forwards;
- EPLC's accounting OPEB amounts added back on Schedule 1 agree with the OM&A analysis for compensation;
- The income tax rate used to calculate the tax expense is consistent with EPLC's actual tax facts and evidenced filed in this Application;

4.15 Conservation & Demand Management

4.15.1 Overview

The Ministry of Energy & Infrastructure issued a Directive to the Board on March 31st, 2011 requiring all distributors in Ontario to achieve Conservation & Demand Management targets as a condition of license. Further, on April 26th, 2012, the Board issued *"Guidelines for Electricity Distributor Conservation & Demand Management"* and later *"Conservation and Demand Management Requirement Guidelines for Electricity Distributors"* (EB-2014-0278) on December 19th, 2014, updated on August 11th, 2016.

In order for lost revenues associated with conservation & demand management activities to not act as a disincentive for distributors, the Board included a mechanism (Lost Revenue Adjustment Mechanism "LRAM") to capture the difference between actual verified conservation & demand management results with a distributors load forecast in the Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA").

In this section, EPLC is proposing to dispose of a total balance of $513,500 for the period of 2013 to 2016.

4.15.2 LRAM Claim For Pre-2011 Activities

As part of EB-2013-0128, EPLC applied for and received Board approval for recovery of lost revenue for 2011 and 2012. Pre-2011 activities were also addressed as part of EB-2013-0128. As such, EPLC is not seeking any recovery for activities prior to 2012.

4.15.3 LRAMVA Claim

As part of this Application, EPLC is seeking approval for recovery of lost revenue from conservation & demand management activities for years 2013, 2014 and 2015, consistent with verified results received from the Independent Electricity System Operator and included as Attachment 4-P of this Exhibit. In order to calculate the proposed claim, EPLC utilized the Board's *Lost Revenue Adjustment Mechanism Variance Account Work Form Version 1.0 (2017)*, included as Attachment 4-Q of this Exhibit. Figure 54 below summarizes EPLC's proposed LRAMVA claim for years 2013 through 2015.

Figure 54 – 2013-2015 LRAMVA Claim

Rate Class	LRAMVA Balance
Residential	$ 259,295
General Service Less Than 50 kW	$ 167,801
General Service 50 to 4,999 kW	$ 77,559
Unmetered Scattered Load	$ -
Sentinel Lighting	$ -
Street Lighting	$ 8,845
Embedded Distributor	$ -
Total	**$ 513,500**

4.15.4 Disposition of LRAM & LRAMVA Accounts

Consistent with section 9.7.3 of Exhibit 9, EPLC requests recovery of the proposed $513,500 via volumetric rate riders beginning May 1st, 2018 for recovery over one year. For more information on the rate rider, please refer to Exhibit 9 of this Application.

Attachment 4-A

Summary of Recoverable OM&A Expenses

Appendix 2-JA
Summary of Recoverable OM&A Expenses

	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**
Operations	$ 1,111,126	$ 767,608	$ 1,003,987	$ 1,190,375	$ 1,207,057	$ 1,545,489	$ 1,332,350	$ 1,337,677	$ 1,221,419	$ 1,518,208
Maintenance	$ 1,517,732	$ 1,496,651	$ 1,614,034	$ 2,013,059	$ 1,515,425	$ 1,448,980	$ 1,808,438	$ 1,833,650	$ 1,572,404	$ 1,548,463
SubTotal	**$ 2,628,858**	**$ 2,264,259**	**$ 2,618,021**	**$ 3,203,433**	**$ 2,722,482**	**$ 2,994,470**	**$ 3,140,788**	**$ 3,171,328**	**$ 2,793,823**	**$ 3,066,671**
%Change (year over year)			15.6%	22.4%	-15.0%	10.0%	4.9%	1.0%	-11.9%	9.8%
%Change (Test Year vs Last Rebasing Year - Actual)										35.4%
Billing and Collecting	$ 1,480,565	$ 1,305,098	$ 1,131,257	$ 1,174,568	$ 1,329,771	$ 1,158,128	$ 1,229,676	$ 1,348,249	$ 1,499,880	$ 1,550,150
Community Relations	$ 22,500	$ 16,957	$ 11,394	$ 8,539	$ 8,451	$ 10,016	$ 12,013	$ 6,482	$ 23,442	$ 23,396
Administrative and General	$ 2,068,443	$ 1,894,041	$ 1,786,257	$ 1,806,757	$ 1,966,590	$ 2,541,606	$ 2,381,742	$ 2,455,564	$ 2,950,224	$ 3,070,058
SubTotal	**$ 3,571,508**	**$ 3,216,096**	**$ 2,928,908**	**$ 2,989,863**	**$ 3,304,813**	**$ 3,709,749**	**$ 3,623,431**	**$ 3,810,295**	**$ 4,473,546**	**$ 4,643,604**
%Change (year over year)			-8.9%	2.1%	10.5%	12.3%	-2.3%	5.2%	17.4%	3.8%
%Change (Test Year vs Last Rebasing Year - Actual)										44.4%
Total	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**
%Change (year over year)			1.2%	11.7%	-2.7%	11.2%	0.9%	3.2%	4.1%	6.1%

	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Operations	$ 1,111,126	$ 767,608	$ 1,003,987	$ 1,190,375	$ 1,207,057	$ 1,545,489	$ 1,332,350	$ 1,337,677	$ 1,221,419	$ 1,518,208
Maintenance	$ 1,517,732	$ 1,496,651	$ 1,614,034	$ 2,013,059	$ 1,515,425	$ 1,448,980	$ 1,808,438	$ 1,833,650	$ 1,572,404	$ 1,548,463
Billing and Collecting	$ 1,480,565	$ 1,305,098	$ 1,131,257	$ 1,174,568	$ 1,329,771	$ 1,158,128	$ 1,229,676	$ 1,348,249	$ 1,499,880	$ 1,550,150
Community Relations	$ 22,500	$ 16,957	$ 11,394	$ 8,539	$ 8,451	$ 10,016	$ 12,013	$ 6,482	$ 23,442	$ 23,396
Administrative and General	$ 2,068,443	$ 1,894,041	$ 1,786,257	$ 1,806,757	$ 1,966,590	$ 2,541,606	$ 2,381,742	$ 2,455,564	$ 2,950,224	$ 3,070,058
Total	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**
%Change (year over year)			1.2%	11.7%	-2.7%	11.2%	0.9%	3.2%	4.1%	6.1%

	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	Variance 2010 Board-approved – 2010 Actuals	2011 Actuals	Variance 2011 Actuals vs. 2010 Actuals	2012 Actuals	Variance 2012 Actuals vs. 2011 Actuals	2013 Actuals	Variance 2013 Actuals vs. 2012 Actuals	2014 Actuals	Variance 2014 Actuals vs. 2013 Actuals	2015 Actuals	Variance 2015 Actuals vs. 2014 Actuals	2016 Actuals	Variance 2016 Actuals vs. 2015 Actuals	2017 Bridge Year	Variance 2017 Bridge vs. 2016 Actuals	2018 Test Year	Variance 2018 Test vs. 2017 Bridge
Operations	$ 1,111,126	$ 767,608	$ 343,518	$ 1,003,987	$ 236,379	$ 1,190,375	$ 186,387	$ 1,207,057	$ 16,682	$ 1,545,489	$ 338,432	$ 1,332,350	-$ 213,140	$ 1,337,677	$ 5,328	$ 1,221,419	-$ 116,258	$ 1,518,208	$ 296,789
Maintenance	$ 1,517,732	$ 1,496,651	$ 21,081	$ 1,614,034	$ 117,384	$ 2,013,059	$ 399,024	$ 1,515,425	-$ 497,633	$ 1,448,980	-$ 66,445	$ 1,808,438	$ 359,457	$ 1,833,650	$ 25,212	$ 1,572,404	-$ 261,246	$ 1,548,463	-$ 23,941
Billing and Collecting	$ 1,480,565	$ 1,305,098	$ 175,467	$ 1,131,257	-$ 173,841	$ 1,174,568	$ 43,311	$ 1,329,771	$ 155,203	$ 1,158,128	-$ 171,643	$ 1,229,676	$ 71,548	$ 1,348,249	$ 118,573	$ 1,499,880	$ 151,631	$ 1,550,150	$ 50,270
Community Relations	$ 22,500	$ 16,957	$ 5,543	$ 11,394	-$ 5,564	$ 8,539	-$ 2,855	$ 8,451	-$ 88	$ 10,016	$ 1,564	$ 12,013	$ 1,997	$ 6,482	-$ 5,530	$ 23,442	$ 16,959	$ 23,396	-$ 46
Administrative and General	$ 2,068,443	$ 1,894,041	$ 174,402	$ 1,786,257	-$ 107,784	$ 1,806,757	$ 20,500	$ 1,966,590	$ 159,834	$ 2,541,606	$ 575,015	$ 2,381,742	-$ 159,864	$ 2,455,564	$ 73,822	$ 2,950,224	$ 494,660	$ 3,070,058	$ 119,834
Total OM&A Expenses	$ 6,200,366	$ 5,480,354	$ 720,012	$ 5,546,929	$ 66,575	$ 6,193,296	$ 646,367	$ 6,027,295	-$ 166,002	$ 6,704,219	$ 676,924	$ 6,764,218	$ 59,999	$ 6,981,623	$ 217,405	$ 7,267,369	$ 285,746	$ 7,710,275	$ 442,906
Adjustments for Total non-recoverable items (from Appendices 2-JA and 2-JB)																			
Total Recoverable OM&A Expenses	$ 6,200,366	$ 5,480,354	$ 720,012	$ 5,546,929	$ 66,575	$ 6,193,296	$ 646,367	$ 6,027,295	-$ 166,002	$ 6,704,219	$ 676,924	$ 6,764,218	$ 59,999	$ 6,981,623	$ 217,405	$ 7,267,369	$ 285,746	$ 7,710,275	$ 442,906
Variance from previous year				$ 66,575		$ 646,367		-$ 166,002		$ 676,924		$ 59,999		$ 217,405		$ 285,746		$ 442,906	
Percent change (year over year)				1%		12%		-3%		11%		1%		3%		4%		6%	
Percent Change: Test year vs. Most Current Actual														10.44%					
Simple average of % variance for all years														40.69%					4%
Compound Annual Growth Rate for all years																			7.1%
Compound Growth Rate (2016 Actuals vs. 2010 Actuals)														8.40%					

Note:

1 If it has been more than three years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than three years ago, a minimum of three years of actual information is required.

2 Recoverable OM&A that is included on these tables should be identical to the recoverable OM&A that is shown for the corresponding periods on Appendix 2-JB.

Attachment 4-B

Recoverable OM&A Cost Driver Table

File Number:	EB-2017-0039
Exhibit:	4
Attachment:	4-B
Page:	1 of 1
Date:	August 28th, 2017

Appendix 2-JB
Recoverable OM&A Cost Driver Table[1,3]

OM&A	Last Rebasing Year (2010 Actuals)	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis	CGAAP	CGAAP	CGAAP	CGAAP	MIFRS	MIFRS	MIFRS	MIFRS
Opening Balance[2]	$ 6,200,366	$ 5,546,929	$ 6,193,296	$ 6,027,295	$ 6,704,219	$ 6,764,218	$ 6,981,623	$ 7,267,369
Operations								
Reduction in Load Dispatching	-$ 104,082	$ 645	-$ 6,206	$ 5,797	$ 2,487	$ 6,016	$ 28,804	$ 51,959
Metering	-$ 77,388	$ 223,114	$ 105,856	$ 182,221	-$ 370,601	-$ 7,348	$ 8,953	-$ 5,348
Customer Premises	-$ 26,103	$ 41,179	$ 2,023	$ 121,874	$ 141,961	-$ 108,519	-$ 65,567	$ 29,964
Changes in Supervision	$ 45,064	$ 56,897	-$ 14,704	$ 30,810	-$ 99,134	-$ 1,159	-$ 9,037	-$ 1,084
Control Room								$ 186,000
Other Immaterial/Misc. Operational	-$ 181,008	-$ 135,448	-$ 70,286	-$ 2,269	$ 112,148	$ 116,339	-$ 79,411	-$ 150,702
Subtotal - Operations	**-$ 343,518**	**$ 186,387**	**$ 16,682**	**$ 338,432**	**-$ 213,140**	**$ 5,328**	**-$ 116,258**	**$ 296,789**
Maintenance								
Changes in Supervision	$ 9,649	$ 97,609	-$ 83,366	$ 2,176	$ 356,113	-$ 366,006	$ 22,609	$ 9,813
O/H Right of Way - Conversion	-$ 75,120	$ 392,541	-$ 154,244	$ 31,584	-$ 22,812	$ 146,708	-$ 175,692	$ 49,303
Other Immaterial/Misc. Maintenance	$ 44,390	-$ 91,125	-$ 260,024	-$ 100,205	$ 26,157	$ 244,511	-$ 108,164	-$ 83,056
Subtotal - Maintenance	**-$ 21,081**	**$ 399,024**	**-$ 497,633**	**-$ 66,445**	**$ 359,457**	**$ 25,212**	**-$ 261,246**	**-$ 23,941**
Billing & Collecting								
Customer Billing	-$ 192,846	$ 38,451	$ 151,623	-$ 118,082	-$ 24,488	$ 138,637	$ 203,832	$ 36,004
Collecting	$ 3,344	$ 100,555	$ 33,225	$ 45,194	-$ 13,614	$ 52,485	$ 72,978	$ 7,987
Changes in Supervision	$ 24,651	-$ 95,226	$ 13,288	$ 11,196	$ 3,568	$ 4,575	$ 13,832	$ 3,627
Meter Reading	$ 43,481	-$ 61,144	$ 1,724	-$ 52,098	$ 51,382	-$ 59,854	-$ 121,092	-$ 221
Changes in Bad Debt Expense	-$ 52,589	$ 67,625	-$ 35,575	-$ 57,537	$ 54,207	-$ 39,837	$ 9,352	-$ 312
Other Immaterial/Misc. B&C	-$ 1,509	-$ 6,951	-$ 9,082	-$ 315	$ 494	$ 22,566	-$ 27,270	$ 3,184
Subtotal - Billing & Collecting	**-$ 175,467**	**$ 43,311**	**$ 155,203**	**-$ 171,643**	**$ 71,548**	**$ 118,573**	**$ 151,631**	**$ 50,270**
Community Relations								
Other Immaterial/Misc. Community Rela	-$ 5,543	-$ 2,855	-$ 88	$ 1,564	$ 1,997	-$ 5,530	$ 16,959	-$ 46
Subtotal - Community Relations	**-$ 5,543**	**-$ 2,855**	**-$ 88**	**$ 1,564**	**$ 1,997**	**-$ 5,530**	**$ 16,959**	**-$ 46**
Admin & General								
Change in Salaries & General Expenses	-$ 100,670	-$ 153,124	$ 313,788	$ 345,104	-$ 65,931	$ 20,243	-$ 55,274	$ 82,142
Change in Employee Pensions & Benefi	$ 46,599	$ 185,372	$ 7	$ 173,332	-$ 9,459	$ 11,582	$ 31,046	-$ 457
Regulatory Re-alignment							$ 236,958	$ 31,623
Outside Services/Cybersecurity			$ 67,342		-$ 63,317		$ 231,463	$ 8,141
Other Immaterial/Misc. Admin & Genera	-$ 120,332	-$ 11,748	-$ 153,961	$ 56,579	-$ 84,474	$ 41,997	$ 50,468	-$ 1,615
Subtotal - Admin & General	**-$ 174,402**	**$ 20,500**	**$ 159,834**	**$ 575,015**	**-$ 159,864**	**$ 73,822**	**$ 494,660**	**$ 119,834**
Closing Balance[2]	$ 5,480,354	$ 6,193,296	$ 6,027,295	$ 6,704,219	$ 6,764,218	$ 6,981,623	$ 7,267,369	$ 7,710,275

Notes:

1. For each year, a detailed explanation for each cost driver and associated amount is requied in Exhibit 4.
2. Opening Balance for "Last Rebasing Year" (cell B15) should be equal to the Board-Approved amount. For purposes of assessing incremental cost drivers, the closing balance for each year becomes the opening balance for the next year.
3. If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.

Attachment 4-C

Recoverable OM&A Per Customer &

Per FTE

Appendix 2-L

Recoverable OM&A Cost per Customer and per FTE [1]

	Last Rebasing Year - 2010- Board Approved	Last Rebasing Year - 2010- Actual	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Reporting Basis	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**CGAAP**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**
OM&A Costs										
O&M	$ 2,628,858	$ 2,264,259	$ 2,618,021	$ 3,203,433	$ 2,722,482	$ 2,994,470	$ 3,140,788	$ 3,171,328	$ 2,793,823	$ 3,066,671
Admin Expenses	$ 3,571,508	$ 3,216,096	$ 2,928,908	$ 2,989,863	$ 3,304,813	$ 3,709,749	$ 3,623,431	$ 3,810,295	$ 4,473,546	$ 4,643,604
Total Recoverable OM&A from Appendix 2-JB [5]	**$ 6,200,366**	**$ 5,480,354**	**$ 5,546,929**	**$ 6,193,296**	**$ 6,027,295**	**$ 6,704,219**	**$ 6,764,218**	**$ 6,981,623**	**$ 7,267,369**	**$ 7,710,275**
Number of Customers [2,4]	30,940	31,200	31,314	31,249	31,521	31,742	31,985	32,346	32,550	32,736
Number of FTEs [3,4]	57.4	53	44	44	44	48	44	44	46	46
Customers/FTEs	**539.02**	**588.68**	**711.68**	**710.20**	**716.39**	**661.29**	**726.93**	**735.14**	**707.61**	**711.65**
OM&A cost per customer										
O&M per customer	$ 84.97	$ 72.57	$ 83.61	$ 102.51	$ 86.37	$ 94.34	$ 98.20	$ 98.04	$ 85.83	$ 93.68
Admin per customer	$ 115.43	$ 103.08	$ 93.53	$ 95.68	$ 104.84	$ 116.87	$ 113.29	$ 117.80	$ 137.44	$ 141.85
Total OM&A per customer	$ 200.40	$ 175.65	$ 177.14	$ 198.19	$ 191.22	$ 211.21	$ 211.48	$ 215.84	$ 223.27	$ 235.53
OM&A cost per FTE										
O&M per FTE	$ 45,798.92	$ 42,721.86	$ 59,500.49	$ 72,805.30	$ 61,874.59	$ 62,384.79	$ 71,381.54	$ 72,075.63	$ 60,735.29	$ 66,666.76
Admin per FTE	$ 62,221.39	$ 60,681.05	$ 66,566.08	$ 67,951.44	$ 75,109.38	$ 77,286.44	$ 82,350.69	$ 86,597.61	$ 97,251.00	$ 100,947.91
Total OM&A per FTE	$ 108,020.31	$ 103,402.91	$ 126,066.57	$ 140,756.74	$ 136,983.97	$ 139,671.23	$ 153,732.23	$ 158,673.25	$ 157,986.29	$ 167,614.67

Notes:

1 If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.

2 The method of calculating the number of customers must be identified. Should correspond with data provided in Appendix 2-IB.

3 The method of calculating the number of FTEs must be identified. See also Appendix 2-K.

4 The number of customers and the number of FTEs should correspond to mid-year or average of January 1 and December 31 figures.

5 For the test year, the applicant should take into account the system O&M (line 22 of Appendix 2-AB) in developing its forecasted OM&A.

Attachment 4-D

OM&A Programs Table

Appendix 2-JC
OM&A Programs Table

Programs	Last Rebasing Year (2010 Board-Approved)	Last Rebasing Year (2010 Actuals)	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year	Variance (Test Year vs. 2016 Actuals)	Variance (Test Year vs. Last Rebasing Year (2010 Board-
Reporting Basis	CGAAP	CGAAP	CGAAP	CGAAP	CGAAP	CGAAP	MIFRS	MIFRS	MIFRS	MIFRS		
Administration												
General Building Expenses	241,203	191,801	384,048	454,397	282,679	284,692	287,490	316,821	338,503	342,304	25,483	101,101
Insurance	30,500	23,911	24,658	16,320	16,984	27,449	21,206	18,944	34,630	34,562	15,619	4,062
Office Supplies	269,633	333,799	368,589	371,682	396,385	402,033	443,140	402,558	448,399	478,697	76,140	209,064
Audit, Legal and Consulting	82,600	101,643	104,384	47,788	115,130	118,220	54,903	64,135	295,597	303,738	239,603	221,138
Regulatory Affairs	162,462	126,894	168,067	168,224	130,878	108,565	146,535	124,953	361,911	393,533	268,580	231,071
Administration & HR Expenses	1,282,045	1,115,992	736,511	748,345	1,024,535	1,587,220	1,415,040	1,514,727	1,457,756	1,500,403	-14,324	218,358
Donations/LEAP Funding	0	0	0	0	0	13,427	13,427	13,427	13,427	16,820	3,394	16,820
Sub-Total	2,068,443	1,894,041	1,786,257	1,806,757	1,966,590	2,541,606	2,381,742	2,455,564	2,950,224	3,070,058	614,494	1,001,615
Community Relations												
Community Relations	22,500	16,957	11,394	8,539	8,451	10,016	12,013	6,482	23,442	23,396	16,914	896
Sub-Total	22,500	16,957	11,394	8,539	8,451	10,016	12,013	6,482	23,442	23,396	16,914	896
Customer Service												
Bad Debt	187,500	134,911	161,595	229,220	193,645	136,108	190,315	150,478	159,830	159,518	9,040	-27,982
Customer Service & Billings	1,212,670	1,087,957	1,041,611	923,692	1,090,327	931,342	961,804	1,045,162	1,141,734	1,181,144	135,981	-31,526
Customer Collections	80,395	82,230	-71,948	21,656	45,799	90,677	77,557	152,609	198,317	209,488	56,880	129,093
Sub-Total	1,480,565	1,305,098	1,131,257	1,174,568	1,329,771	1,158,128	1,229,676	1,348,249	1,499,880	1,550,150	201,901	69,585
Maintenance												
Emergency Response	273,360	344,695	363,959	330,898	253,549	231,804	286,063	274,797	263,708	259,741	-15,056	-13,619
Field Service Maintenance	106,726	68,103	43,253	30,382	73,450	72,038	51,518	185,984	127,766	57,433	-128,551	-49,293
Meter Maintenance	139,601	85,225	78,060	95,844	17,387	2,848	90,081	0	574	568	568	-139,033
Overhead/Underground Maintenance	507,669	640,148	675,925	614,525	470,877	430,493	531,260	510,337	489,744	482,377	-27,961	-25,292
Vegetation Control	356,024	271,632	372,500	812,584	625,237	660,465	792,620	778,165	609,254	666,029	-112,136	310,006
Transformer & Substation Maintenan	134,352	86,847	80,338	128,825	74,925	51,332	56,896	84,367	81,358	82,315	-2,053	-52,037
Sub-Total	1,517,732	1,496,651	1,614,034	2,013,059	1,515,425	1,448,980	1,808,438	1,833,650	1,572,404	1,548,463	-285,187	30,731
Operations												
Cable Locates	356,155	330,052	288,282	329,461	331,484	453,358	595,318	486,799	421,232	451,196	-35,603	95,041
General Customer Inquiries & Misc.	184,215	185,796	370,563	236,541	164,099	127,149	127,633	196,927	229,406	224,633	27,706	40,418
Meter Operations	135,439	58,051	79,937	303,051	408,908	591,129	220,528	213,180	222,133	216,785	3,605	81,346
Station Operations	78,499	17,932	16,130	26,197	25,806	95,716	42,106	0	0	0	0	-78,499
Operations Management	160,174	101,155	127,767	185,309	164,399	201,005	104,358	109,215	128,982	365,857	256,642	205,683
Overhead Operations	42,013	14,605	29,826	48,042	38,702	26,559	132,482	167,408	124,519	114,893	-52,515	72,880
Transformer Operations	122,523	40,324	82,151	49,935	46,145	39,021	63,883	52,888	43,444	86,805	33,917	-35,718
Underground Operations	32,108	19,692	9,330	11,838	27,514	11,552	46,040	111,261	51,703	58,040	-53,221	25,932
Sub-Total	1,111,126	767,608	1,003,987	1,190,375	1,207,057	1,545,489	1,332,350	1,337,677	1,221,419	1,518,208	180,530	407,082
Miscellaneous											0	0
Total	**6,200,366**	**5,480,354**	**5,546,929**	**6,193,296**	**6,027,295**	**6,704,219**	**6,764,218**	**6,981,623**	**7,267,369**	**7,710,275**	**728,652**	**1,509,909**

Notes:

1 Please provide a breakdown of the major components of each OM&A Program undertaken in each year. Please ensure that all Programs below the materiality threshold are included in the miscellaneous line. Add more Programs as required.

2 The applicant should group projects appropriately and avoid presentations that result in classification of significant components of the OM&A budget in the miscellaneous category

Attachment 4-E

EPLC Employee Handbook – Management/Non-Union

The MEARIE Group
Employee Benefit Program

Employee Benefit Booklet

Essex Power Corp.
Management

Prepared: August 2015

Notice of Disclaimer

This handbook has been prepared to help you better understand the coverage provided under your employee benefit program. This handbook is not an agreement and it does not create nor confer any contractual or other rights.

The terms and conditions governing your benefit plans are set out in the official contracts between the insurers, your employer and MEARIE Management Inc.

Every effort has been made to ensure that the information in this handbook is accurate. However, if any question should arise, a decision will be made by reference to the official plan contracts and texts.

This handbook has been designed to help you understand and get the most out of your benefits. It gives you most of the information you will generally require regarding your benefits. Separate sections for each benefit plan allow you quick access to the benefit information you want when you want it.

Table Of Contents	Page No.
General Information	1
Long Term Disability	3
Basic Life Insurance	7
Supplementary Life Insurance	9
Dependent Life Insurance	14
Basic Accident Insurance	16

Please keep this handbook in a safe place. If changes are made to your benefits, replacement pages will be provided to you for insertion in this handbook.

Your life and disability plans are insured through ***Desjardins Insurance****, while your accident plan is insured through* ***AIG Insurance Company of Canada****.*

Any questions you have about your benefit program should be referred to your Plan Administrator.

General Information

Enrolling In The Benefit Program

Who Can Enroll

If you are an active permanent full-time employee under the age of 65 and working at least 20 hours per week, you are first eligible to enroll in the benefit program on the date your employment commences.

Your spouse is also eligible for coverage under the optional spouse life insurance plan, should you decide to apply.

Spouse

- the person who you are legally married to, or
- a person who continuously resides with you in a role like that of a marriage partner.

Dependent Children

Dependent children include your natural or legally adopted children, or step-children who:

- are unmarried,
- are not employed on a full-time basis,
- are not eligible for insurance as an employee under this plan or any other group plan, and
- are under 21 years of age, or, if in full-time attendance at an accredited school, college or university, are under 25 years of age.

A child insured under this plan, who is incapacitated due to a mental or physical handicap on the date he reaches the age when he would otherwise no longer be eligible for coverage, will continue to be an eligible dependent subject to written proof of the dependent's condition. A child is considered incapacitated if he is incapable of engaging in any substantially gainful activity and is dependent on you for support, maintenance and care, due to a mental or physical handicap.

A stepchild must be living with you to be an eligible dependent.

When Coverage Starts

Coverage for you and your spouse commences on the date you first become eligible to enroll. If you are not actively at work on the date your coverage would normally begin, your coverage will not start until you return to active full-time work.

General Information

When Coverage Terminates

Coverage for you and your dependents will end on:

- the date your employment ends,
- the date you or your spouse cease to qualify for coverage based on the plan's eligibility requirements,
- the date you enter an armed service on full-time duty,
- the date your employer receives a written request from you to terminate the insurance, where permitted,
- the date you fail to make any required premium contribution,
- the date you attain age 65 (applies to all coverage expect Basic Life and Basic AD&D which terminate at age 71),
- the date your spouse attains age 65 (applies to spousal life insurance),
- the date you retire, or
- the date the group plan is cancelled.

If you are not actively at work due to **Maternity or Parental Leave of Absence**, coverage may be continued for the period of leave to which you are entitled by legislation provided premiums continue to be paid on your behalf. If you do not intend to continue your coverage during this period, where permitted by law, you must inform your employer in writing on or before the date your leave begins. In this case, coverage for you and your dependents will not be reinstated until you return to active full-time work.

Coverage for you and your spouse will cease on the date you are not actively at work due to **lay-off, leave of absence (other than maternity or parental leave), strike or lock-out**.

If you are not actively at work due to **illness or injury**:

- your life, accident and disability coverage will continue in accordance with the "Waiver of Premium" provisions described in the applicable sections of this handbook.

Long Term Disability

Your long term disability plan has been developed to protect you against the financial impact of lost income, if a lengthy illness or injury keeps you from coming to work.

How The Plan Works

Benefits are payable under the long term disability plan after you have been totally and continuously disabled for a period of **6 months** or have used all the sick days to which you are entitled under your sick leave plan, whichever occurs later.

Benefits Provided

If you are totally disabled you will receive a monthly income benefit equal to **66.7% of your regular monthly earnings, to a maximum of $7,000* per month**.

**Evidence of insurability, satisfactory to the insurer, is required for amounts in excess of $4,000.*

> *To qualify for long term disability benefits you must be "totally disabled". During the first 24 months that you receive long term disability, this means that you are unable to do the essential duties of your normal job and are not otherwise employed. After this 24-month period, you will continue to qualify for long term disability benefits only if you are unable to work at any job for which you are reasonably suited by virtue of your education, training and experience.*

Any benefits you receive from the long term disability plan are taxable if your employer contributes, in whole or in part, towards the cost of providing the plan.

Benefits from the long term disability plan will stop if you:

- recover,
- attain age 65,
- are unable to provide written proof of your disability,
- are no longer under a physician's care,
- fail to undergo an examination by an independent doctor of the Insurance Company's choice, or
- in the event of your death.

Long Term Disability

Coordination With Other Disability Benefits

Long term disability benefits are reduced by the amount of income you receive or are entitled to receive as a result of the same disability from:

- Workers' Compensation or similar legislation (excluding any future cost of living adjustments),
- the Canada or Quebec Pension Plan (excluding any future cost of living adjustments or dependent benefits payable to you),
- any other federal, provincial or municipal government plan, excluding any disability benefits available to you through the Ontario Municipal Employees' Retirement System, but not filed on your behalf, and
- any other group insurance plan, or any retirement or pension plan of the employer, excluding any disability benefits available to you through the Ontario Municipal Employees' Retirement System.

The benefit you receive will be further reduced, if necessary, so that the total disability income you receive from this plan and any other source (other than income from a private source) does not exceed 85% of your pre-disability net earnings (if benefits are non-taxable) or gross earnings (if benefits are taxable).

Rehabilitation Benefit

The rehabilitation benefit is designed to help you through an adjustment period of up to 24 months while working part-time, in a reduced capacity or involved in a retraining program approved by the Insurance Company.

While you are participating in an approved rehabilitation program, your long term disability benefit will not be discontinued. However, your monthly long term disability benefit will be reduced by 50% of the compensation you receive from rehabilitative employment.

Long Term Disability

When Disability Recurs

If you recover from total disability, only to become disabled again, the second period of disability will be treated as a continuation of the first unless the second disability is unrelated to the first, or is separated from the first by more than six months.

Waiver of Premium

Premium payments are waived during any period in which you receive benefits from this plan. Long term disability benefits will continue in accordance with the terms of the policy regardless of whether or not this plan remains in effect or your other benefit coverages are subsequently terminated, provided your disability begins while your coverage under this plan is in force.

How To Claim Long Term Disability Benefits

Claim forms are available from your Plan Administrator. Early filing of claims is recommended. Forms should be completed and returned to your Plan Administrator after you have been disabled at least 30 days and do not expect to return to work before the *Elimination Period* expires. Long term disability claims must be submitted no later than 90 days after the date you are eligible for benefits to begin.

Long Term Disability

What's Not Covered

Your long term disability plan does not cover:

- intentionally self-inflicted injury or illness,
- disability resulting from war, or act of war, or while engaged in the armed services,
- any period of disability during which you are not under the regular care and attendance of a legally qualified physician,
- any period of disability which commences while you are not insured under this plan,
- participation in a criminal act, or
- disability, loss or expense which commences or occurs during any period of statutory maternity or parental leave of absence except to the extent:
    1. the continuance of insurance coverage during such period of statutory maternity or parental leave of absence is required by legislation or by written agreement between you and your employer; and
    2. you do not receive or are not entitled to receive any payment, benefit, indemnity or other amount from any source, including any policy, plan or fund provided by any employer, insurer or government (including basic and supplementary unemployment insurance maternity/parental leave benefits).

Basic Life Insurance

Your basic life insurance plan pays a benefit to your beneficiary in the event of your death.

How The Plan Works

If you should die, your basic life insurance plan will pay a benefit to your appointed beneficiary, regardless of the cause of death.

You may name anyone you choose to receive benefits payable under the plan in the event of your death. However, if you name a minor, a trustee must also be appointed. You may change your beneficiary designation at any time, subject to the laws governing such changes, by contacting your Plan Administrator.

Benefits Provided

Your basic life insurance coverage is equal to **two times your annual earnings to a maximum of $200,000**. (Amounts that are not an event multiple of $1,000 are rounded up to the nearest $1,000). Your coverage will reduce by 50% on your 65th birthday.

Waiver of Premium

If you become totally disabled while insured and before your 65th birthday or earlier retirement, your life insurance coverage under the Basic Life plan will be continued without further payment of premiums. Your coverage will continue until you are no longer disabled, retire or reach age 65, whichever occurs first.

Proof that you are totally disabled must be submitted to Desjardins within 12 months from the onset of the disability, and periodically as requested by Desjardins thereafter.

Totally Disabled means that you are prevented from performing any work for compensation or profit or from following any gainful occupation. (However, if you are insured for Long Term Disability benefits by Desjardins under this same master policy, the definition of total disability used to determine your eligibility for disability benefits, as described in this booklet, shall also apply when assessing your life insurance waiver of premium benefit.)

Basic Life Insurance

Conversion Privilege

Your basic life insurance coverage ceases on the date your employment terminates. However, if you are under age 65, you may apply to convert your insurance to an individual policy — *without* having to provide medical evidence. You must make written application for the individual policy to Desjardins Insurance accompanied by payment of the first premium within 31 days of the date your supplementary life insurance terminates. The amount of the individual policy will not exceed the lesser of $200,000 ($400,000 for employees residing in Quebec[1]) or the total amount of your life insurance in force under all life insurance plans provided under this policy immediately prior to the termination of your coverage. If you should die during the 31-day conversion period, a death benefit will be paid, regardless of whether or not application for conversion has been made.

[1]For a Quebec plan Member to convert, his or her convertible amount must be at least $10,000 or 25 percent of group coverage (whichever is greater).

How To Claim Death Benefits

Your Plan Administrator will furnish all the required claim forms to your beneficiary in the event of your death. Claims for death benefits must be submitted no later than 12 months after the date of death.

Supplementary Life Insurance

The Supplementary life insurance plan enables you to purchase additional coverage for yourself and/or your spouse. In the event of your death, the plan pays a benefit to your beneficiary. The benefit is payable to you in the event of the death of your covered spouse.

How The Plan Works

The purchase of supplementary life insurance is completely voluntary; you decide whether or not to participate.

If you should die while insured your supplementary life insurance plan will pay a benefit to the last nominated beneficiary as filed. In the absence of a beneficiary nomination, payment will be made to your estate.

You may name anyone you choose to receive benefits payable under the plan in the event of your death. However, if you name a minor, a trustee must also be appointed. You may change your beneficiary designation at any time, subject to the laws governing such changes, by contacting your Plan Administrator.

If your spouse is insured for life insurance coverage under the spouse's optional life plan, benefits are payable to *you* in the event of the death of your covered spouse.

Benefits Available

Supplementary life insurance coverage is available in **multiples of $10,000, to a maximum of $250,000**. All coverage is subject to medical evidence — proof that you are insurable, satisfactory to the insurer.

Supplementary Life Insurance

Cost of Supplementary Life Insurance

Your cost, paid through payroll deduction, depends on your gender, your age and on whether or not you smoke. (You are considered a "non-smoker" if you have not smoked for the last 12 months). Monthly costs are provided in the table below.

Employee's Attained Age (as at January 1st)	Male		Female	
	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)
Under 35	$0.044	$0.022	$0.022	$0.020
35 - 39	$0.060	$0.039	$0.033	$0.028
40 - 44	$0.163	$0.080	$0.099	$0.062
45 - 49	$0.285	$0.142	$0.169	$0.098
50 - 54	$0.445	$0.231	$0.240	$0.151
55 - 59	$0.757	$0.383	$0.395	$0.231
60 - 64	$0.890	$0.480	$0.480	$0.300

Note: *Monthly costs shown above reflect those in effect as of January 1st, 2015.*
The monthly cost schedule is subject to change by the insurer; your employer will notify you prior to any changes taking effect.
Monthly costs shown above are subject to applicable taxes.

Supplementary Life Insurance

Waiver of Premium

If you become totally disabled while insured and before your 65th birthday or earlier retirement, your life insurance coverage under the Supplementary Life plan will be continued without further payment of premiums. Your coverage will continue until you are no longer disabled, retire or reach age 65, whichever occurs first.

Proof that you are totally disabled must be submitted to Desjardins Insurance within 12 months from the onset of the disability, and periodically as requested by Desjardins Insurance thereafter.

Totally Disabled means that you are prevented from performing any work for compensation or profit or from following any gainful occupation. (However, if you are insured for Long Term Disability benefits by Desjardins Insurance under this same master policy, the definition of total disability used to determine your eligibility for disability benefits, as described in this booklet, shall also apply when assessing your life insurance waiver of premium benefit).

Conversion Privilege

Your supplementary life insurance coverage ceases on the date your employment terminates. However, if you are under age 65, you may apply to convert your insurance to an individual policy — *without* having to provide medical evidence. You must make written application for the individual policy to Desjardins Insurance accompanied by payment of the first premium within 31 days of the date your supplementary life insurance terminates. The amount of the individual policy will not exceed the lesser of $200,000 ($400,000 for employees residing in Quebec[1]) or the total amount of your life insurance in force under all life insurance plans provided under this policy immediately prior to the termination of your coverage. If you should die during the 31-day conversion period, a death benefit will be paid, regardless of whether or not application for conversion has been made.

[1]For a Quebec plan Member to convert, his or her convertible amount must be at least $10,000 or 25 percent of group coverage (whichever is greater).

Supplementary Life Insurance

How To Claim Death Benefits

Your Plan Administrator will furnish all the required claim forms to your beneficiary in the event of your death. In the event of the death of your covered spouse, the required claim forms will be furnished to you. Claims for death benefits must be submitted no later than 12 months after the date of death.

What's Not Covered

No amount will be paid for that part of your Supplementary Life Insurance benefit or spouse's optional life benefit that has been in force for less than 2 years, if loss of life results directly or indirectly, while sane or insane, from suicide, attempted suicide or purposely self-inflicted injury. However, Desjardins Insurance will refund all applicable premiums paid.

For **spouse's optional life insurance,** the rates vary based on your spouse's age, gender and smoking status, and are adjusted according to your spouse's age on the 1st of January each year, with any required adjustment taking effect at that time. Monthly costs are provided in the chart below.

Spouse's Attained Age (as at January 1st)	Male		Female	
	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)
Under 30	$0.042	$0.032	$0.042	$0.026
30 - 39	$0.069	$0.035	$0.054	$0.032
40 - 49	$0.187	$0.094	$0.113	$0.069
50 - 59	$0.615	$0.307	$0.312	$0.187
60 – 64	$1.200	$0.599	$0.653	$0.390

Note: *Monthly costs shown above reflect those in effect as of January 1st, 2015.*
The monthly cost schedule is subject to change by the insurer; your employer will notify you prior to any changes taking effect.
Monthly costs shown above are subject to applicable taxes.

Supplementary Life Insurance

Conversion Privilege

Your **spouse's** life insurance coverage ceases on the date your employment terminates. You may, however, apply to convert your spouse's insurance, on or before your spouse's 65th birthday, to an individual policy — *without* having to provide medical evidence. You must make written application for the individual policy to Desjardins accompanied by payment of the first premium within 31 days of the date your employment ends. If your spouse should die during the 31-day conversion period, a death benefit equal to the amount of insurance eligible for conversion will be paid, regardless of whether application for conversion has been made.

Dependent Life Insurance

The dependent life insurance plan provides
life insurance coverage for your spouse and/or children.

How The Plan Works

Dependent life insurance benefits are payable to *you* in the event of the death of your covered spouse or dependent child.

Benefits Provided

Under the dependent life insurance plan, your **spouse is covered for $8,000**, while **each dependent child is covered for $4,000**.

Benefits for a dependent child commence on the 15th day after birth.

Waiver of Premium

If you become totally disabled for at least 6 consecutive months before your 65th birthday, your dependent life insurance coverage will be continued without further payment of premiums. Your coverage will continue until you are no longer disabled, retire or reach age 65, whichever occurs first. Proof that you are totally disabled must be submitted to the Insurance Company within 12 months from the onset of the disability, and periodically as requested by the Insurance Company thereafter.

Premium payments are waived during any period in which you are totally disabled and premiums are being waived for your basic life insurance coverage. Premiums will be waived until age 65, recovery or death, whichever occurs first, provided this plan remains in force.

The life waiver benefit will continue in accordance with the terms of the policy regardless of whether or not the plan remains in effect or your other benefit coverages are subsequently terminated, provided your disability begins while your coverage under this plan is in force.

Dependent Life Insurance

Conversion Privilege

Your dependent life insurance coverage ceases on the date your employment terminates. Your spouse may, however, apply to convert his or her insurance to an individual policy — *without* having to provide medical evidence. Your spouse must apply to convert within 31 days of the date your employment ends. If your spouse should die during the 31-day conversion period, a death benefit will be paid, regardless of whether or not application for conversion has been made. A dependent child's insurance may *not* be converted.

How To Claim Death Benefits

Your Plan Administrator will furnish all the required claim forms in the event of the death of your covered spouse or dependent child. Claims for death benefits must be submitted no later than 12 months after the date of death.

Basic Accident Insurance

Your basic accidental death and dismemberment plan provides coverage in the event of accidental death or serious injury.

How The Plan Works

Your basic accidental death and dismemberment insurance covers you 24 hours a day, 7 days a week, anywhere in the world. Benefits from this plan are paid in addition to any life or disability insurance that you receive.

In the event of your accidental death, your accident insurance plan will pay a benefit to your appointed beneficiary. Benefits for all other covered accidental losses are payable to *you*.

You may name anyone you choose to receive benefits payable under the plan in the event of your accidental death. However, if you name a minor, a trustee must also be appointed. You may change your beneficiary designation at any time, subject to the laws governing such changes, by contacting your Plan Administrator.

Benefits Provided

Your basic accidental death and dismemberment insurance coverage is equal to **one and a half times your annual earnings, to a maximum of $200,000**. (Amounts that are not an even multiple of $1,000 are rounded up to the nearest $1,000). Your coverage will reduce by 50% on your 65th birthday.

If you have an accident which results in a serious injury or death within 365 days of the accident, benefits will be paid according to the chart on the following page.

Basic Accident Insurance

If An Accident Results In:	Amount Payable
Quadriplegia (total paralysis of both arms and legs)	2 X insured amount
Paraplegia (total paralysis of both legs)	2 X insured amount
Hemiplegia (total paralysis of the arm and leg on one side of the body)	2 X insured amount
Loss of life	whole amount
Loss of both hands, both feet or both eyes	whole amount
Loss of use of both arms or both hands	whole amount
Loss of one hand and one foot	whole amount
Loss of one hand and one eye or one foot and one eye	whole amount
Loss of speech and hearing in both ears	whole amount
Loss of use of both feet	whole amount
Loss of one arm or one leg	3/4 of insured amount
Loss of use of one arm or one leg	3/4 of insured amount
Loss of one hand, one foot or one eye	2/3 of insured amount
Loss of use of one hand or one foot	2/3 of insured amount
Loss of speech or hearing in both ears	2/3 of insured amount
Loss of thumb and index finger or at least 4 fingers of one hand	1/3 of insured amount
Loss of hearing in one ear	1/3 of insured amount
Loss of all toes of one foot	1/4 of insured amount

Only one of the amounts payable (the largest applicable) is paid for injuries to the same limb caused by any one accident.

The maximum payable for all losses suffered by one covered person in any one accident will not exceed the following:

1. with the exception of quadriplegia, paraplegia and hemiplegia, the whole amount for which he or she is insured,
2. with respect to quadriplegia, paraplegia and hemiplegia, 200% of the amount for which he or she is insured, or 100% if Loss of Life occurs within 90 days after the date of the accident.

Basic Accident Insurance

Exposure & Disappearance

Benefits will also be paid for:

- losses caused by exposure to the elements, resulting from an accident within 365 days of the accident, and
- disappearance due to travel accidents (if a covered person's body is not found within 365 days of an accident in which their vehicle sinks or disappears, and there is no evidence that they survived, the benefit for loss of life is payable).

Repatriation Benefit

The plan will pay for the preparation and transportation of the deceased for burial:

- up to $10,000 if death occurs more than 50 km from the deceased's home, or
- up to $10,000 if death occurs outside of Canada.

Rehabilitation Benefit

The plan provides reimbursement of up to $10,000 for expenses incurred for special training received within 2 years of the accident required in order for you to engage in a new occupation, if you are unable to perform your normal occupation as a result of an accidental loss. Payment will not be made for ordinary living, travelling or clothing expenses.

Occupational Training Benefit

In the event of your accidental death, the plan provides reimbursement of up to $10,000 for expenses incurred for training that qualifies your widowed spouse for a job for which he or she would not have otherwise engaged in, but for your death.

Basic Accident Insurance

Family Transportation Benefit

In the event you are on a trip covered by this plan, and are confined as an inpatient in a hospital because of injuries which result in a loss payable under the Loss Schedule and require the personal attendance of a member of your immediate family as recommended by the attending physician, the plan will pay up to $10,000 for the expense incurred by the member for transportation by the most direct route by a licensed common carrier to be in attendance with you.

"Member of the immediate family" means the spouse or common law spouse, parent, grandparent, children over age 18, brother or sister of the insured person.

Education Benefit

In the event of your accidental death, the plan provides a benefit of up to $5,000 (or 5% of your insured amount, whichever is less) to your dependent child, provided the child was enrolled on a full-time basis in an institution of higher learning beyond the 12th grade level at the time of your death, or was enrolled in the 12th grade level and subsequently enrolls as a full-time student in an institution of higher learning within 365 days of your death.

The maximum benefit is in combination with the Education Benefit maximum provided under any other policy issued by the insurer, and is payable annually for a maximum of four (4) consecutive annual payments, provided the child continues to be enrolled in the institute of higher learning. Payment will not be made for expenses incurred prior to the date of your death, nor for room, board or other ordinary living, travelling or clothing expenses.

If, at the time of your accidental death, you have no dependent child(ren) eligible for either the Education Benefit or the Day Care Benefit, the insurer will pay $1,500 to your designated beneficiary.

Basic Accident Insurance

Day-Care Benefit

In the event of your accidental death, the plan provides a benefit of up to $5,000 (or 5% of your insured amount, whichever is less) for reasonable and necessary expenses actually incurred for day-care, provided the child is enrolled in a day-care centre at the time of your death, or will subsequently enroll in a day-care centre within 365 days of your death.

The maximum benefit is in combination with the Day-Care Benefit maximum provided under any other policy issued by the insurer, for not more than four (4) consecutive years with respect to any one dependent child, provided the child continues to be enrolled in a day-care centre. Payment will not be made for expenses incurred prior to the date of your death, nor for room, board or other ordinary living, travelling or clothing expenses.

"Day-Care centre" means a facility which is operated according to law, including laws and regulations applicable to day-care facilities, and which provides care and supervision for children in a group setting on a regular basis. Day-Care centre shall neither include a hospital, the child's home, care provided during school hours while a child is attending grades one (1) through twelve (12) nor any other day-care facility which does not charge a fee for services rendered. **"Dependent child"** means a person who is either a natural child, step-child or legally adopted child of the insured employee, who is residing in his or her household, is under thirteen (13) years of age and dependent upon the insured employee for maintenance and support.

Private Automobile Seat Belt Coverage

In the event you sustain an injury which results in a loss payable under the Loss Schedule, an additional amount equal to 10% of the amount payable will be paid if, at the time of the accident, you were driving or riding in a vehicle and wearing a properly fastened seat belt.

The driver of the vehicle must hold a current and valid driver's license of a rating authorizing him or her to operate such vehicle, and neither be intoxicated nor under the influence of drugs, unless such drugs are taken as prescribed by a physician, at the time of the accident.

Basic Accident Insurance

Home Alteration & Vehicle Modification Benefit

In the event you receive a payment under the Loss Schedule and subsequently require (due to the same cause for which payment was made under the Loss Schedule) the use of a wheelchair to be ambulatory, this benefit will pay up to $10,000, upon presentation of proof of payment, for:

- the one-time cost of alterations to your residence to make it wheelchair accessible and habitable, and/or
- the one-time cost of modifications necessary to a motor vehicle, owned by you, to make the vehicle accessible or driveable for you.

Benefit payments will not be paid unless:

1. home alterations are made by a person or persons experienced in such alterations and recommended by a recognized organization, providing support and assistance to wheelchair users; and
2. vehicle modifications are carried out by a person or persons with experience in such matters and modifications are approved by the Provincial vehicle licensing authorities.

Waiver of Premium

Premium payments are waived during any period in which you are totally disabled and premiums are being waived for your basic life insurance coverage. Premiums will be waived until age 65, recovery or death, whichever occurs first, provided this plan remains in force.

Conversion Privilege

Your basic accidental death and dismemberment insurance coverage ceases on the date your employment terminates. You may, however, apply to convert your insurance to an individual policy provided this plan is still in force — *without* having to provide medical evidence. You must apply to convert prior to age 70 and within 31 days of the date your employment ends. If you should die accidentally or suffer a covered accidental loss during the 31-day conversion period, a benefit will be paid in accordance with the Loss Schedule, regardless of whether or not application for conversion has been made.

Basic Accident Insurance

How To Claim Accident Benefits

Your Plan Administrator will furnish all the required claim forms to you or your beneficiary in the event of a covered accidental loss or death, respectively. Claims for accident benefits must be submitted no later than 12 months after the accident occurs.

What's Not Covered

Your basic accidental death and dismemberment insurance plan does not cover losses caused by or resulting from:

- suicide or attempted suicide,
- intentionally self-inflicted injury,
- any act of war, declared or undeclared,
- full-time active service in the armed forces of any country,
- injuries suffered while travelling in an aircraft owned or leased by your employer, or a subsidiary, affiliate or associate company of your employer,
- death or bodily injuries suffered while a pilot or crew member of an aircraft, or
- death or bodily injuries suffered while a passenger in an aircraft that is not properly licensed, or operated by a person not holding a current and valid pilot's license.

Note: *Benefits provided under the Repatriation Benefit; Rehabilitation Benefit; Occupational Training Benefit; Family Transportation Benefit; and Home Alteration and Vehicle Modification Benefit are payable under only one of the policies issued to your employer by the insurer.*

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Attachment 4-F

EPLC Employee Handbook – Non-Management/Union

The MEARIE Group
Employee Benefit Program

Employee Benefit Booklet

Essex Power Corp.
Union

Prepared: October 2015

Notice of Disclaimer

This handbook has been prepared to help you better understand the coverage provided under your employee benefit program. This handbook is not an agreement and it does not create nor confer any contractual or other rights.

The terms and conditions governing your benefit plans are set out in the official contracts between the insurers, your employer and MEARIE Management Inc.

Every effort has been made to ensure that the information in this handbook is accurate. However, if any question should arise, a decision will be made by reference to the official plan contracts and texts.

This handbook has been designed to help you understand and get the most out of your benefits. It gives you most of the information you will generally require regarding your benefits. Separate sections for each benefit plan allow you quick access to the benefit information you want when you want it.

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Please keep this handbook in a safe place. If changes are made to your benefits, replacement pages will be provided to you for insertion in this handbook.

Your life and disability plans are insured through ***Desjardins Insurance****, while your accident plan is insured through* ***AIG Insurance Company of Canada****.*

Any questions you have about your benefit program should be referred to your Plan Administrator.

General Information

Enrolling In The Benefit Program

Who Can Enroll

If you are an active permanent full-time employee under the age of 65 and working at least 20 hours per week, you are first eligible to enroll in the benefit program on the date you complete 80 days of continuous service with your employer.

Your spouse is also eligible for coverage under the optional spouse life insurance plan, should you decide to apply.

Spouse

- the person who you are legally married to, or
- a person who continuously resides with you in a role like that of a marriage partner.

Dependent Children

Dependent children include your natural or legally adopted children, or step-children who:

- are unmarried,
- are not employed on a full-time basis,
- are not eligible for insurance as an employee under this plan or any other group plan, and
- are under 21 years of age, or, if in full-time attendance at an accredited school, college or university, are under 25 years of age.

A child insured under this plan, who is incapacitated due to a mental or physical handicap on the date he reaches the age when he would otherwise no longer be eligible for coverage, will continue to be an eligible dependent subject to written proof of the dependent's condition. A child is considered incapacitated if he is incapable of engaging in any substantially gainful activity and is dependent on you for support, maintenance and care, due to a mental or physical handicap.

A stepchild must be living with you to be an eligible dependent.

When Coverage Starts

Coverage for you and your spouse commences on the date you first become eligible to enroll. If you are not actively at work on the date your coverage would normally begin, your coverage will not start until you return to active full-time work.

General Information

When Coverage Terminates

Coverage for you and your dependents will end on:

- the date your employment ends,
- the date you or your spouse cease to qualify for coverage based on the plan's eligibility requirements,
- the date you enter an armed service on full-time duty,
- the date your employer receives a written request from you to terminate the insurance, where permitted,
- the date you fail to make any required premium contribution,
- the date you attain age 65 (applies to all coverage expect Basic Life and Basic AD&D which terminate at age 71),
- the date your spouse attains age 65 (applies to spousal life insurance),
- the date you retire, or
- the date the group plan is cancelled.

If you are not actively at work due to **Maternity or Parental Leave of Absence**, coverage may be continued for the period of leave to which you are entitled by legislation provided premiums continue to be paid on your behalf. If you do not intend to continue your coverage during this period, where permitted by law, you must inform your employer in writing on or before the date your leave begins. In this case, coverage for you and your dependents will not be reinstated until you return to active full-time work.

Coverage for you and your spouse will cease on the date you are not actively at work due to **lay-off, leave of absence (other than maternity or parental leave), strike or lock-out**.

If you are not actively at work due to **illness or injury**:

- your life, accident and disability coverage will continue in accordance with the "Waiver of Premium" provisions described in the applicable sections of this handbook.

Short Term Disability

Your short term disability plan provides you with a weekly income if you are unable to work due to non-occupational injury or illness.

How The Plan Works

Benefits are payable under the short term disability plan if, due to non-occupational injury or illness, you are unable to perform the duties of your normal job.

Benefits are payable from the **1st** day of disability if the disability is due to an accident, or from the **15th** day of disability if the disability is due to illness. However, if an employee is admitted to a hospital overnight as an in-patient, benefits will commence on the first day of hospitalization if the disability is due to either an accident or due to illness.

A hospital is a facility that is licensed to provide active, convalescent or chronic care treatment for sick or injured patients. It does not include nursing homes, homes for the aged, rest homes or any other facility that provides similar care.

Benefits will be paid for up to **26 weeks**.

Benefits Provided

The short term disability plan provides a weekly benefit equal to **66.67% of your weekly earnings, to a maximum of $550**.

To receive benefits, you must be under the regular and continuing care of a physician. Satisfactory proof of your condition and medical attendance must be provided to the Insurance Company.

Any benefits you receive from the short term disability plan are taxable if your employer contributes, in whole or in part, towards the cost of providing the plan.

Short Term Disability

Coordination With Other Disability Benefits

Short term disability benefits are reduced by the amount of income you receive or are entitled to receive as a result of the same disability from any salary continuation arrangement or plan, the Canada Pension Plan, Quebec Pension Plan, or any other federal, provincial, municipal or foreign government plan, excluding any benefits payable with respect to your dependents. However, the benefit will not be offset unless it exceeds 100% of pre-disability income.

When Disability Recurs

If you recover and are able to return to work, only to become unable to work again, the second period of absence will be treated as a continuation of the first unless the medical reason for the second period is unrelated to the first, or is separated from the first by more than 2 weeks.

How To Claim Short Term Disability Benefits

Claim forms are available from your Plan Administrator. Forms should be completed and returned to your Plan Administrator promptly, if you are unable to report for work. Short term disability claims must be submitted no later than 31 days from the date your disability begins.

Short Term Disability

What's Not Covered

Your short term disability plan does not cover:

- any period of disability during which you are not under the regular care and attendance of a legally qualified physician (a legally qualified physician is a medical doctor - a general practitioner (GP) or a specialist - neurologist; orthopaedic surgeon; psychiatrist; etc. A chiropractor is not a medical doctor.),
- any accidental injury arising out of or in the course of employment, or disease covered by Workers' Compensation or similar legislation,
- intentionally self-inflicted injury or illness,
- disability resulting from war, or act of war, or while engaged in the armed services,
- participation in a criminal act, or
- any of the following:
    1. any disability, loss or expense that commences or occurs during your leave of absence except to the extent that the continuation of such insurance coverage during any period of statutory maternity or parental leave of absence is required either by any relevant federal or provincial law (whether statutory, regulatory or otherwise) or by any written agreement between your Utility and you; and
    2. any disability, loss or expense for which you are entitled to receive any basic and supplementary unemployment insurance, maternity/parental leave benefits.

Long Term Disability

Your long term disability plan has been developed to protect you against the financial impact of lost income, if a lengthy illness or injury keeps you from coming to work.

How The Plan Works

Benefits are payable under the long term disability plan after you have been totally and continuously disabled for a period of **6 months** or have used all the sick days to which you are entitled under your sick leave plan, whichever occurs later.

Benefits Provided

If you are totally disabled you will receive a monthly income benefit equal to **75% of your regular monthly earnings, to a maximum of $3,500 per month**.

> *To qualify for long term disability benefits you must be "totally disabled". During the first 24 months that you receive long term disability, this means that you are unable to do the essential duties of your normal job and are not otherwise employed. After this 24-month period, you will continue to qualify for long term disability benefits only if you are unable to work at any job for which you are reasonably suited by virtue of your education, training and experience.*

Any benefits you receive from the long term disability plan are taxable if your employer contributes, in whole or in part, towards the cost of providing the plan.

Benefits from the long term disability plan will stop if you:

- recover,
- attain age 65,
- are unable to provide written proof of your disability,
- are no longer under a physician's care,
- fail to undergo an examination by an independent doctor of the Insurance Company's choice, or
- in the event of your death.

Long Term Disability

Coordination With Other Disability Benefits

Long term disability benefits are reduced by the amount of income you receive or are entitled to receive as a result of the same disability from:

- Workers' Compensation or similar legislation (excluding any future cost of living adjustments),
- the Canada or Quebec Pension Plan (excluding any future cost of living adjustments or dependent benefits payable to you),
- any other federal, provincial or municipal government plan, excluding any disability benefits available to you through the Ontario Municipal Employees' Retirement System, but not filed on your behalf, and
- any other group insurance plan, or any retirement or pension plan of the employer, excluding any disability benefits available to you through the Ontario Municipal Employees' Retirement System.

The benefit you receive will be further reduced, if necessary, so that the total disability income you receive from this plan and any other source (other than income from a private source) does not exceed 85% of your pre-disability net earnings (if benefits are non-taxable) or gross earnings (if benefits are taxable).

Rehabilitation Benefit

The rehabilitation benefit is designed to help you through an adjustment period of up to 24 months while working part-time, in a reduced capacity or involved in a retraining program approved by the Insurance Company.

While you are participating in an approved rehabilitation program, your long term disability benefit will not be discontinued. However, your monthly long term disability benefit will be reduced by 50% of the compensation you receive from rehabilitative employment.

Long Term Disability

When Disability Recurs

If you recover from total disability, only to become disabled again, the second period of disability will be treated as a continuation of the first unless the second disability is unrelated to the first, or is separated from the first by more than six months.

Waiver of Premium

Premium payments are waived during any period in which you receive benefits from this plan. Long term disability benefits will continue in accordance with the terms of the policy regardless of whether or not this plan remains in effect or your other benefit coverages are subsequently terminated, provided your disability begins while your coverage under this plan is in force.

How To Claim Long Term Disability Benefits

Claim forms are available from your Plan Administrator. Early filing of claims is recommended. Forms should be completed and returned to your Plan Administrator after you have been disabled at least 30 days and do not expect to return to work before the *Elimination Period* expires. Long term disability claims must be submitted no later than 90 days after the date you are eligible for benefits to begin.

Long Term Disability

What's Not Covered

Your long term disability plan does not cover:

- intentionally self-inflicted injury or illness,
- disability resulting from war, or act of war, or while engaged in the armed services,
- any period of disability during which you are not under the regular care and attendance of a legally qualified physician (a legally qualified physician is a medical doctor – a general practitioner (GP) or a specialist – neurologist; orthopaedic surgeon; psychiatrist; etc. A chiropractor is not a medical doctor.),
- any period of disability which commences while you are not insured under this plan,
- participation in a criminal act, or
- disability, loss or expense which commences or occurs during any period of statutory maternity or parental leave of absence except to the extent:
    1. the continuance of insurance coverage during such period of statutory maternity or parental leave of absence is required by legislation or by written agreement between you and your employer; and
    2. you do not receive or are not entitled to receive any payment, benefit, indemnity or other amount from any source, including any policy, plan or fund provided by any employer, insurer or government (including basic and supplementary unemployment insurance maternity/parental leave benefits).

Basic Life Insurance

Your basic life insurance plan pays a benefit to your beneficiary in the event of your death.

How The Plan Works

If you should die, your basic life insurance plan will pay a benefit to your appointed beneficiary, regardless of the cause of death.

You may name anyone you choose to receive benefits payable under the plan in the event of your death. However, if you name a minor, a trustee must also be appointed. You may change your beneficiary designation at any time, subject to the laws governing such changes, by contacting your Plan Administrator.

Benefits Provided

Your basic life insurance coverage is equal to **one and a half times your annual earnings to a maximum of $125,000**. (Amounts that are not an event multiple of $1,000 are rounded up to the nearest $1,000). Your coverage will reduce by 50% on your 65th birthday.

Waiver of Premium

If you become totally disabled while insured and before your 65th birthday or earlier retirement, your life insurance coverage under the Basic Life plan will be continued without further payment of premiums. Your coverage will continue until you are no longer disabled, retire or reach age 65, whichever occurs first.

Proof that you are totally disabled must be submitted to Desjardins Insurance within 12 months from the onset of the disability, and periodically as requested by Desjardins Insurance thereafter.

Totally Disabled means that you are prevented from performing any work for compensation or profit or from following any gainful occupation. (However, if you are insured for Long Term Disability benefits by Desjardins Insurance under this same master policy, the definition of total disability used to determine your eligibility for disability benefits, as described in this booklet, shall also apply when assessing your life insurance waiver of premium benefit).

Basic Life Insurance

Conversion Privilege

Your basic life insurance coverage ceases on the date your employment terminates. However, if you are under age 65, you may apply to convert your insurance to an individual policy — *without* having to provide medical evidence. You must make written application for the individual policy to Desjardins Insurance accompanied by payment of the first premium within 31 days of the date your basic life insurance terminates. The amount of the individual policy will not exceed the lesser of $200,000 ($400,000 for employees residing in Quebec[1]) or the total amount of your life insurance in force under all life insurance plans provided under this policy immediately prior to the termination of your coverage. If you should die during the 31-day conversion period, a death benefit will be paid, regardless of whether or not application for conversion has been made.

[1]For a Quebec plan Member to convert, his or her convertible amount must be at least $10,000 or 25 percent of group coverage (whichever is greater).

How To Claim Death Benefits

Your Plan Administrator will furnish all the required claim forms to your beneficiary in the event of your death. Claims for death benefits must be submitted no later than 12 months after the date of death.

Supplementary Life Insurance

The Supplementary life insurance plan enables you to purchase additional coverage for yourself and/or your spouse. In the event of your death, the plan pays a benefit to your beneficiary. The benefit is payable to you in the event of the death of your covered spouse.

How The Plan Works

The purchase of supplementary life insurance is completely voluntary; you decide whether or not to participate.

If you should die while insured your supplementary life insurance plan will pay a benefit to the last nominated beneficiary as filed. In the absence of a beneficiary nomination, payment will be made to your estate.

You may name anyone you choose to receive benefits payable under the plan in the event of your death. However, if you name a minor, a trustee must also be appointed. You may change your beneficiary designation at any time, subject to the laws governing such changes, by contacting your Plan Administrator.

If your spouse is insured for life insurance coverage under the spouse's optional life plan, benefits are payable to *you* in the event of the death of your covered spouse.

Benefits Available

Supplementary life insurance coverage is available in **multiples of $10,000, to a maximum of $250,000**. All coverage is subject to medical evidence — proof that you are insurable, satisfactory to the insurer.

Supplementary Life Insurance

Cost of Supplementary Life Insurance

Your cost, paid through payroll deduction, depends on your gender, your age and on whether or not you smoke. (You are considered a "non-smoker" if you have not smoked for the last 12 months). Monthly costs are provided in the table below.

Employee's Attained Age (as at January 1st)	Male		Female	
	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)
Under 35	$0.044	$0.022	$0.022	$0.020
35 - 39	$0.060	$0.039	$0.033	$0.028
40 - 44	$0.163	$0.080	$0.099	$0.062
45 - 49	$0.285	$0.142	$0.169	$0.098
50 - 54	$0.445	$0.231	$0.240	$0.151
55 - 59	$0.757	$0.383	$0.395	$0.231
60 - 64	$0.890	$0.480	$0.480	$0.300

Note: *Monthly costs shown above reflect those in effect as of January 1st, 2015.*
The monthly cost schedule is subject to change by the insurer; your employer will notify you prior to any changes taking effect.
Monthly costs shown above are subject to applicable taxes.

Supplementary Life Insurance

Waiver of Premium

If you become totally disabled while insured and before your 65th birthday or earlier retirement, your life insurance coverage under the Supplementary Life plan will be continued without further payment of premiums. Your coverage will continue until you are no longer disabled, retire or reach age 65, whichever occurs first.

Proof that you are totally disabled must be submitted to Desjardins Insurance within 12 months from the onset of the disability, and periodically as requested by Desjardins Insurance thereafter.

Totally Disabled means that you are prevented from performing any work for compensation or profit or from following any gainful occupation. (However, if you are insured for Long Term Disability benefits by Desjardins Insurance under this same master policy, the definition of total disability used to determine your eligibility for disability benefits, as described in this booklet, shall also apply when assessing your life insurance waiver of premium benefit).

Conversion Privilege

Your supplementary life insurance coverage ceases on the date your employment terminates. However, if you are under age 65, you may apply to convert your insurance to an individual policy — *without* having to provide medical evidence. You must make written application for the individual policy to Desjardins Insurance accompanied by payment of the first premium within 31 days of the date your supplementary life insurance terminates. The amount of the individual policy will not exceed the lesser of $200,000 ($400,000 for employees residing in Quebec[1]) or the total amount of your life insurance in force under all life insurance plans provided under this policy immediately prior to the termination of your coverage. If you should die during the 31-day conversion period, a death benefit will be paid, regardless of whether or not application for conversion has been made.

[1]For a Quebec plan Member to convert, his or her convertible amount must be at least $10,000 or 25 percent of group coverage (whichever is greater).

Supplementary Life Insurance

How To Claim Death Benefits

Your Plan Administrator will furnish all the required claim forms to your beneficiary in the event of your death. In the event of the death of your covered spouse, the required claim forms will be furnished to you. Claims for death benefits must be submitted no later than 12 months after the date of death.

What's Not Covered

No amount will be paid for that part of your Supplementary Life Insurance benefit or spouse's optional life benefit that has been in force for less than 2 years, if loss of life results directly or indirectly, while sane or insane, from suicide, attempted suicide or purposely self-inflicted injury. However, Desjardins Insurance will refund all applicable premiums paid.

For **spouse's optional life insurance,** the rates vary based on your spouse's age, gender and smoking status, and are adjusted according to your spouse's age on the 1st of January each year, with any required adjustment taking effect at that time. Monthly costs are provided in the chart below.

Spouse's Attained Age (as at January 1st)	Male		Female	
	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)	Smoker Monthly Rate (per $1,000)	Non-Smoker Monthly Rate (per $1,000)
Under 30	$0.042	$0.032	$0.042	$0.026
30 - 39	$0.069	$0.035	$0.054	$0.032
40 - 49	$0.187	$0.094	$0.113	$0.069
50 - 59	$0.615	$0.307	$0.312	$0.187
60 – 64	$1.200	$0.599	$0.653	$0.390

Note: *Monthly costs shown above reflect those in effect as of January 1st, 2015.*
The monthly cost schedule is subject to change by the insurer; your employer will notify you prior to any changes taking effect.
Monthly costs shown above are subject to applicable taxes.

Supplementary Life Insurance

Conversion Privilege

Your **spouse's** life insurance coverage ceases on the date your employment terminates. You may, however, apply to convert your spouse's insurance, on or before your spouse's 65th birthday, to an individual policy — *without* having to provide medical evidence. You must make written application for the individual policy to Desjardins accompanied by payment of the first premium within 31 days of the date your employment ends. If your spouse should die during the 31-day conversion period, a death benefit equal to the amount of insurance eligible for conversion will be paid, regardless of whether application for conversion has been made.

Dependent Life Insurance

The dependent life insurance plan provides
life insurance coverage for your spouse and/or children.

How The Plan Works

Dependent life insurance benefits are payable to *you* in the event of the death of your covered spouse or dependent child.

Benefits Provided

Under the dependent life insurance plan, your **spouse is covered for $8,000**, while **each dependent child is covered for $4,000**.

Benefits for a dependent child commence on the 15th day after birth.

Waiver of Premium

If you become totally disabled for at least 6 consecutive months before your 65th birthday, your dependent life insurance coverage will be continued without further payment of premiums. Your coverage will continue until you are no longer disabled, retire or reach age 65, whichever occurs first. Proof that you are totally disabled must be submitted to the Insurance Company within 12 months from the onset of the disability, and periodically as requested by the Insurance Company thereafter.

Premium payments are waived during any period in which you are totally disabled and premiums are being waived for your basic life insurance coverage. Premiums will be waived until age 65, recovery or death, whichever occurs first, provided this plan remains in force.

The life waiver benefit will continue in accordance with the terms of the policy regardless of whether or not the plan remains in effect or your other benefit coverages are subsequently terminated, provided your disability begins while your coverage under this plan is in force.

Dependent Life Insurance

Conversion Privilege

Your dependent life insurance coverage ceases on the date your employment terminates. Your spouse may, however, apply to convert his or her insurance to an individual policy — *without* having to provide medical evidence. Your spouse must apply to convert within 31 days of the date your employment ends. If your spouse should die during the 31-day conversion period, a death benefit will be paid, regardless of whether or not application for conversion has been made. A dependent child's insurance may *not* be converted.

How To Claim Death Benefits

Your Plan Administrator will furnish all the required claim forms in the event of the death of your covered spouse or dependent child. Claims for death benefits must be submitted no later than 12 months after the date of death.

Basic Accident Insurance

Your basic accidental death and dismemberment plan provides coverage in the event of accidental death or serious injury.

How The Plan Works

Your basic accidental death and dismemberment insurance covers you 24 hours a day, 7 days a week, anywhere in the world. Benefits from this plan are paid in addition to any life or disability insurance that you receive.

In the event of your accidental death, your accident insurance plan will pay a benefit to your appointed beneficiary. Benefits for all other covered accidental losses are payable to *you*.

You may name anyone you choose to receive benefits payable under the plan in the event of your accidental death. However, if you name a minor, a trustee must also be appointed. You may change your beneficiary designation at any time, subject to the laws governing such changes, by contacting your Plan Administrator.

Benefits Provided

Your basic accidental death and dismemberment insurance coverage is equal to **one and a half times your annual earnings, to a maximum of $125,000**. (Amounts that are not an even multiple of $1,000 are rounded up to the nearest $1,000). Your coverage will reduce by 50% on your 65th birthday.

If you have an accident which results in a serious injury or death within 365 days of the accident, benefits will be paid according to the chart on the following page.

Basic Accident Insurance

If An Accident Results In:	Amount Payable
Quadriplegia (total paralysis of both arms and legs)	2 X insured amount
Paraplegia (total paralysis of both legs)	2 X insured amount
Hemiplegia (total paralysis of the arm and leg on one side of the body)	2 X insured amount
Loss of life	whole amount
Loss of both hands, both feet or both eyes	whole amount
Loss of use of both arms or both hands	whole amount
Loss of one hand and one foot	whole amount
Loss of one hand and one eye or one foot and one eye	whole amount
Loss of speech and hearing in both ears	whole amount
Loss of use of both feet	whole amount
Loss of one arm or one leg	3/4 of insured amount
Loss of use of one arm or one leg	3/4 of insured amount
Loss of one hand, one foot or one eye	2/3 of insured amount
Loss of use of one hand or one foot	2/3 of insured amount
Loss of speech or hearing in both ears	2/3 of insured amount
Loss of thumb and index finger or at least 4 fingers of one hand	1/3 of insured amount
Loss of hearing in one ear	1/3 of insured amount
Loss of all toes of one foot	1/4 of insured amount

Only one of the amounts payable (the largest applicable) is paid for injuries to the same limb caused by any one accident.

The maximum payable for all losses suffered by one covered person in any one accident will not exceed the following:

1. with the exception of quadriplegia, paraplegia and hemiplegia, the whole amount for which he or she is insured,
2. with respect to quadriplegia, paraplegia and hemiplegia, 200% of the amount for which he or she is insured, or 100% if Loss of Life occurs within 90 days after the date of the accident.

Basic Accident Insurance

Exposure & Disappearance

Benefits will also be paid for:

- losses caused by exposure to the elements, resulting from an accident within 365 days of the accident, and
- disappearance due to travel accidents (if a covered person's body is not found within 365 days of an accident in which their vehicle sinks or disappears, and there is no evidence that they survived, the benefit for loss of life is payable).

Repatriation Benefit

The plan will pay for the preparation and transportation of the deceased for burial:

- up to $10,000 if death occurs more than 50 km from the deceased's home, or
- up to $10,000 if death occurs outside of Canada.

Rehabilitation Benefit

The plan provides reimbursement of up to $10,000 for expenses incurred for special training received within 2 years of the accident required in order for you to engage in a new occupation, if you are unable to perform your normal occupation as a result of an accidental loss. Payment will not be made for ordinary living, travelling or clothing expenses.

Occupational Training Benefit

In the event of your accidental death, the plan provides reimbursement of up to $10,000 for expenses incurred for training that qualifies your widowed spouse for a job for which he or she would not have otherwise engaged in, but for your death.

Basic Accident Insurance

Family Transportation Benefit

In the event you are on a trip covered by this plan, and are confined as an inpatient in a hospital because of injuries which result in a loss payable under the Loss Schedule and require the personal attendance of a member of your immediate family as recommended by the attending physician, the plan will pay up to $10,000 for the expense incurred by the member for transportation by the most direct route by a licensed common carrier to be in attendance with you.

"Member of the immediate family" means the spouse or common law spouse, parent, grandparent, children over age 18, brother or sister of the insured person.

Education Benefit

In the event of your accidental death, the plan provides a benefit of up to $5,000 (or 5% of your insured amount, whichever is less) to your dependent child, provided the child was enrolled on a full-time basis in an institution of higher learning beyond the 12th grade level at the time of your death, or was enrolled in the 12th grade level and subsequently enrolls as a full-time student in an institution of higher learning within 365 days of your death.

The maximum benefit is in combination with the Education Benefit maximum provided under any other policy issued by the insurer, and is payable annually for a maximum of four (4) consecutive annual payments, provided the child continues to be enrolled in the institute of higher learning. Payment will not be made for expenses incurred prior to the date of your death, nor for room, board or other ordinary living, travelling or clothing expenses.

If, at the time of your accidental death, you have no dependent child(ren) eligible for either the Education Benefit or the Day Care Benefit, the insurer will pay $1,500 to your designated beneficiary.

Basic Accident Insurance

Day-Care Benefit

In the event of your accidental death, the plan provides a benefit of up to $5,000 (or 5% of your insured amount, whichever is less) for reasonable and necessary expenses actually incurred for day-care, provided the child is enrolled in a day-care centre at the time of your death, or will subsequently enroll in a day-care centre within 365 days of your death.

The maximum benefit is in combination with the Day-Care Benefit maximum provided under any other policy issued by the insurer, for not more than four (4) consecutive years with respect to any one dependent child, provided the child continues to be enrolled in a day-care centre. Payment will not be made for expenses incurred prior to the date of your death, nor for room, board or other ordinary living, travelling or clothing expenses.

"Day-Care centre" means a facility which is operated according to law, including laws and regulations applicable to day-care facilities, and which provides care and supervision for children in a group setting on a regular basis. Day-Care centre shall neither include a hospital, the child's home, care provided during school hours while a child is attending grades one (1) through twelve (12) nor any other day-care facility which does not charge a fee for services rendered. **"Dependent child"** means a person who is either a natural child, step-child or legally adopted child of the insured employee, who is residing in his or her household, is under thirteen (13) years of age and dependent upon the insured employee for maintenance and support.

Private Automobile Seat Belt Coverage

In the event you sustain an injury which results in a loss payable under the Loss Schedule, an additional amount equal to 10% of the amount payable will be paid if, at the time of the accident, you were driving or riding in a vehicle and wearing a properly fastened seat belt.

The driver of the vehicle must hold a current and valid driver's license of a rating authorizing him or her to operate such vehicle, and neither be intoxicated nor under the influence of drugs, unless such drugs are taken as prescribed by a physician, at the time of the accident.

Basic Accident Insurance

Home Alteration & Vehicle Modification Benefit

In the event you receive a payment under the Loss Schedule and subsequently require (due to the same cause for which payment was made under the Loss Schedule) the use of a wheelchair to be ambulatory, this benefit will pay up to $10,000, upon presentation of proof of payment, for:

- the one-time cost of alterations to your residence to make it wheelchair accessible and habitable, and/or
- the one-time cost of modifications necessary to a motor vehicle, owned by you, to make the vehicle accessible or driveable for you.

Benefit payments will not be paid unless:

1. home alterations are made by a person or persons experienced in such alterations and recommended by a recognized organization, providing support and assistance to wheelchair users; and
2. vehicle modifications are carried out by a person or persons with experience in such matters and modifications are approved by the Provincial vehicle licensing authorities.

Waiver of Premium

Premium payments are waived during any period in which you are totally disabled and premiums are being waived for your basic life insurance coverage. Premiums will be waived until age 65, recovery or death, whichever occurs first, provided this plan remains in force.

Conversion Privilege

Your basic accidental death and dismemberment insurance coverage ceases on the date your employment terminates. You may, however, apply to convert your insurance to an individual policy provided this plan is still in force — *without* having to provide medical evidence. You must apply to convert prior to age 70 and within 31 days of the date your employment ends. If you should die accidentally or suffer a covered accidental loss during the 31-day conversion period, a benefit will be paid in accordance with the Loss Schedule, regardless of whether or not application for conversion has been made.

Basic Accident Insurance

How To Claim Accident Benefits

Your Plan Administrator will furnish all the required claim forms to you or your beneficiary in the event of a covered accidental loss or death, respectively. Claims for accident benefits must be submitted no later than 12 months after the accident occurs.

What's Not Covered

Your basic accidental death and dismemberment insurance plan does not cover losses caused by or resulting from:

- suicide or attempted suicide,
- intentionally self-inflicted injury,
- any act of war, declared or undeclared,
- full-time active service in the armed forces of any country,
- injuries suffered while travelling in an aircraft owned or leased by your employer, or a subsidiary, affiliate or associate company of your employer,
- death or bodily injuries suffered while a pilot or crew member of an aircraft, or
- death or bodily injuries suffered while a passenger in an aircraft that is not properly licensed, or operated by a person not holding a current and valid pilot's license.

Note: *Benefits provided under the Repatriation Benefit; Rehabilitation Benefit; Occupational Training Benefit; Family Transportation Benefit; and Home Alteration and Vehicle Modification Benefit are payable under only one of the policies issued to your employer by the insurer.*

3700 Steeles Avenue West, Suite 1100
Vaughan, Ontario L4L 8K8
905.265.5300
1.800.668.9979
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Attachment 4-G

Employee Costs

Appendix 2-K
Employee Costs

	Last Rebasing Year - 2010-Board Approved	Last Rebasing Year - 2010-Actual	2011 Actuals	2012 Actuals	2013 Actuals	2014 Actuals	2015 Actuals	2016 Actuals	2017 Bridge Year	2018 Test Year
Number of Employees (FTEs including Part-Time)[1]										
Management (including executive)	12	15	15	12	12	13	12	10	11	11
Non-Management (union and non-union)	45	38	29	32	32	35	32	34	35	35
Total	57	53	44	44	44	48	44	44	46	46
Total Salary and Wages including ovetime and incentive pay										
Management (including executive)	$ 1,020,892	$ 1,235,240	$ 1,151,468	$ 1,067,030	$ 1,067,391	$ 1,110,844	$ 1,052,468	$ 969,389	$ 1,127,378	$ 1,149,926
Non-Management (union and non-union)	$ 3,086,722	$ 2,582,457	$ 1,916,942	$ 2,385,412	$ 2,382,334	$ 2,645,925	$ 2,721,429	$ 2,883,015	$ 2,838,207	$ 2,894,971
Total	$ 4,107,614	$ 3,817,697	$ 3,068,410	$ 3,452,442	$ 3,449,725	$ 3,756,769	$ 3,773,897	$ 3,852,404	$ 3,965,585	$ 4,044,897
Total Benefits (Current + Accrued) [2]										
Management (including executive)	$ 210,560	$ 251,109	$ 294,304	$ 241,866	$ 237,232	$ 233,455	$ 223,354	$ 217,211	$ 266,096	$ 213,995
Non-Management (union and non-union)	$ 630,555	$ 524,981	$ 489,952	$ 540,707	$ 529,482	$ 556,068	$ 577,539	$ 645,996	$ 669,904	$ 683,005
Total	$ 841,115	$ 776,090	$ 784,256	$ 782,573	$ 766,714	$ 789,523	$ 800,893	$ 863,207	$ 936,000	$ 897,000
Total Compensation (Salary, Wages, & Benefits)										
Management (including executive)	$ 1,231,452	$ 1,486,349	$ 1,445,772	$ 1,308,896	$ 1,304,623	$ 1,344,299	$ 1,275,822	$ 1,186,600	$ 1,393,474	$ 1,363,920
Non-Management (union and non-union)	$ 3,717,277	$ 3,107,438	$ 2,406,894	$ 2,926,119	$ 2,911,816	$ 3,201,993	$ 3,298,968	$ 3,529,011	$ 3,508,111	$ 3,577,977
Total	$ 4,948,729	$ 4,593,787	$ 3,852,666	$ 4,235,015	$ 4,216,439	$ 4,546,292	$ 4,574,790	$ 4,715,611	$ 4,901,585	$ 4,941,897

Note:

[1] If an applicant wishes to use headcount, it must also file the same schedule on an FTE basis.

[2] Current employee benefits, plus Pension and Other Post-Employment Benefits costs, as recorded for recovery in distribution rates. Should be consistent with OPEBs costs as documented in Appendix 2-KA.

Attachment 4-H

EPLC Post-Employment Benefits

Actuary Report

K-W ACTUARIAL SERVICES INC.

102 – 515 Riverbend Drive
Kitchener, ON N2K 3S3

Phone: (519) 579-1255
Fax: (519) 579-5010

January 16, 2015

Richard Dimmel, CMA
General Manager
Essex Powerlines Corporation
2730 Highway #3
Oldcastle, ON N0R 1L0

sent by email only

Dear Richard:

Re: Post-Employment Benefits Accounting

Further to your request, we have completed a full valuation of the plan(s) and disclosure requirements for the fiscal period ending December 31, 2014 for Essex Power Corporation, Essex Powerlines Corporation, and Essex Energy Corporation. Obligations were previously determined as at December 31, 2011 and were reported for fiscal year 2011, with projections for fiscal years 2012 through 2014.

We have been informed that accounting under IFRS 19(R) is to be adopted effective January 1, 2015. Further, it is assumed that the plan sponsor has chosen to recognize gains and losses through adjustments to Other Comprehensive Income.

Data

Current monthly premium rates were provided by the plan sponsor as shown in the following table.

	Health		Dental	
Division	**Single**	**Family**	**Single**	**Family**
Grandfathered Amherstburg	152.99	325.34	33.30	105.31
Grandfathered Leamington		323.72		105.31
Grandfathered LaSalle		325.34		105.31
Union Retirees	191.37	289.41	64.65	123.73
Management Retirees	191.37	327.70	64.65	144.27

Individual employee and retiree data was provided for all covered individuals. The following table summarizes the data provided by the plan sponsor.

	Active Employees	Retired Employees
Essex Power Corporation		
Number	9	1
Average Age	45.1	65.3
Average Years of Service	11.5	
Essex Powerlines Corporation		
Number	40	21
Average Age	46.8	64.2
Average Years of Service	14.6	
Essex Energy Corporation		
Number	10	0
Average Age	34.7	
Average Years of Service	5.3	

Insurance Plan

The following table summarizes the plan provisions:

Retiring Allowance	Retirement with OMERS pension and with age plus service totaling 80 points. Payment is $600 per year of completed OMERS service. Available only if hired prior to June 2003.	
Other Benefits	**Payable To Age 65**	**Payable From Age 65 to Age 70**
Eligibility	Retirement from OMERS with age plus service totaling 80 points.	Date of hire prior to June 2003.
Drugs	$5.00 prescription fee; no over the counter drugs	N/A
	100% employer paid (excludes over the counter)	80% employer paid to $20,000/year
Extended Health	Employer pay all - no deductible	$25/$50 employee co-pay
	Physiotherapy to $500/year	Physiotherapy to $300/year
	Psychologist, $35/visit to $350/year	N/A
	Chiropractor to $400/year ($10 co-pay first 15 visits)	Chiropractor to $300/year
	Osteopath/Chiropodist/Podiatrist to $400/year	Chiropodist/Podiatrist to $300/year
	Speech Therapist to $200/year	N/A
	Massage Therapy, $7/visit to 12/year	N/A
	Private Hospital, $1,000 lifetime maximum	N/A
	Semi Private Hospital	Semi Private Hospital, 15 day maximum
	Audio company self-funded - $300 maximum for 3 years	N/A
	Vision to $300/24 months	Vision to $200/24 months

	Out of Province, 180 days to $1 Million/year	N/A
	Employee Assistance Plan	N/A
Dental	No deductible ($3,500 maximum)	N/A
	100% Basic	90% Basic to $1,000 annual maximum
	100% Endodontics/periodontics	N/A
	50% Crowns/bridges/caps	N/A
	50% Dentures	N/A
	50% Orthodontics, maximum $2,500	N/A
Spousal Benefits	Continues to surviving spouse and eligible dependents.	Continues to surviving spouse and eligible dependents.

Grandfathered Groups (for employees who retired prior to June, 2003):

Amherstburg	**Life insurance** at 50% of final annual earnings, reducing by 2.5% per year to an ultimate level of 25% of final earnings. Benefit is provided for life. Only two retirees remain with this benefit.
	Health and Dental coverage is for the retiree and his/her spouse's lifetime.
Leamington	**Health and Dental** coverage ends at age 65.
	Life insurance at 50% of final annual earnings, reducing by 2.5% per year to an ultimate level of 25% of final earnings. Benefit is provided for life. Only one retiree remains with this benefit.
LaSalle	**Health and Dental** coverage is for the retiree and his/her spouse's lifetime. Two retirees remain with these benefits.

Attestation

I am pleased to provide the following:

a. This report provides a summary of the valuation.
b. The assumptions outlined below provide methods and principles applied in their establishment.
c. The data summarized above was provided by the plan sponsor and have been relied upon for purposes of the valuation. Rigorous tests were not carried out on the data provided, with the exception of comparing current data to previous valuation data.
d. This report has been completed prior to the fiscal year end date. We are not aware of any events subsequent to the fiscal year end that would impact on the valuation results.
e. Canadian GAAP (Part V) accounting policies have been used through 2014. IFRS(R) is adopted effective January 1, 2015; 2014 results are provided on both bases.
f. We are not aware of any significant events that occurred during the reporting period.
g. We confirm the following:
   (i) We have been appointed by the management of Essex Powerlines Corporation to carry out the valuation. I am aware that your auditor intends to use my work for audit evidence.
   (ii) In our valuation we have been objective and are free from material financial interest in the outcome of the valuation.

(iii) I am a fully qualified Fellow of the CIA in good professional standing and possess the requisite competency to perform the valuation.
(iv) The valuation has been performed with due care.
(v) There have been no restrictions imposed on me regarding what may be communicated to your auditor.
(vi) I agree to preserve the confidentiality of any information provided by the auditor.
(vii) The benefit plan is a defined benefit plan as defined in CPA Canada Handbook.
(viii) I have confirmed with the plan sponsor that:
1. The valuation includes all employee future benefit plans required to be included in the valuation.
2. The plan's provisions are up to date as at the date of the report.
3. The plan sponsor will advise us of changes to the plan's provisions and events that could have a material effect on the valuation.

(ix) The valuation has been performed in accordance with the standards of the CIA.
(x) The amounts derived from the valuation are in accordance with the framework as described above.
(xi) In performing the valuation we have used a discount rate determined in accordance with the framework and best estimate assumptions developed by management following discussions with us. It is our opinion that the assumptions are appropriate for the valuation and disclosure.

The significant actuarial assumptions used in the calculations are as follows:

- The date of all calculations is December 31, 2014.
- A discount rate of 5.00% was used to establish liabilities at December 31, 2013 and for extrapolation during 2014. A rate of 4.00% was chosen for use as at December 31, 2014 and subsequent extrapolations; this is the single discount rate, rounded to the nearest 0.25%, that duplicates the plan's obligations determined using the Fiera Capital/CIA yield curve as at November 28, 2014 (the latest date for which the curve is available).
- No assets have or are expected to be accumulated for the plan.
- A salary growth rate is not incorporated as no benefits are related to earnings.
- Mortality is on the basis of the CPM 2014 Mortality Table (Composite) projected on a generational basis using Improvement Scale CPM-B1D2014; no size band adjustments are included. The previous valuation used the 1994 UP Mortality Table projected to 2015.
- Termination of employment is based on the Ontario Light Scale.

- The following table shows rates of mortality and employee termination at certain ages:

	Mortality Rate		Projection Scale		Termination
Age	**Male**	**Female**	**Male**	**Female**	**Rate**
20	0.000820	0.000180	0.00890	0.00960	0.100
25	0.001080	0.000240	0.00790	0.00570	0.100
30	0.001200	0.000300	0.01300	0.00610	0.056
35	0.001200	0.000420	0.01630	0.00850	0.032
40	0.001360	0.000610	0.01420	0.00970	0.022
45	0.001900	0.000860	0.00730	0.00610	0.017
50	0.002660	0.001290	-0.00020	0.00290	0.012
55	0.004030	0.002070	0.00140	0.00310	
60	0.006280	0.003500	0.00550	0.00490	
65	0.008440	0.005620	0.00810	0.00690	
70	0.012820	0.008860	0.00990	0.00690	
75	0.021830	0.014690	0.01420	0.00820	
80	0.039810	0.027290	0.01950	0.01160	
85	0.075710	0.053520	0.01540	0.01450	
90	0.140410	0.102800	0.00890	0.00910	
95	0.248080	0.189020	0.00110	0.00120	

- Retirement at age 57 (current age plus 1 if currently age 57 or more) is presumed. For certain management employees the plan sponsor has estimated a future retirement year based on knowledge of the employee.
- Health care trend rates of 8% in the first year after the valuation, reducing linearly to 4.5% over 6 years has been used.
- Dental care trend rates of 4.5% per year are assumed.
- Expenses related to the payout of life insurance benefits are presumed to be 10% of the amount of insurance paid.
- The value of projected benefits is prorated over the attribution period to determine the amount of expense to charge to various periods. The accrued obligation represents the present value of benefits assigned to periods prior to the valuation date.
- Amortizations are made using a straight-line method over the average of the expected average future service period of active employees.
- The attribution method is based on prorating benefits over each employee's period of service to the attainment of age 55 or the attainment of age plus service totaling 80 if later.
- The valuation allowance is zero.

- The Expected Average Remaining Service Lifetime (EARSL) has been calculated as shown in the attached disclosure tables.

Calculations

On the basis of the assumptions and methods noted above, I have determined the present value of benefit obligations related to service through 2014. The attached tables show the calculated obligation amounts at the December 31, 2014 fiscal end date, as well as projections for fiscal years 2015 through 2017. The projections will remain reasonable for reporting purposes provided the above assumptions remain reasonable (notably the discount rate). Separate tables are provided for Essex Power Corporation, Essex Powerlines Corporation, and Essex Energy Corporation.

The net gain over the three year valuation period ending December 2014 totals $1,141,000. The main factors influencing this gain were as follows:

- The previous valuation established lifetime benefits for some employees and retirees not who were in fact entitled to benefits to age 65 or 70, thereby overstating the liabilities. Liabilities should have been stated as $759,000 lower than presented in the previous report.
- Experience gains of $746,000 resulted from experience differing from those established in the last valuation.
- A loss of $300,000 resulted from the reduction in the discount rate from 5% to 4%.
- A loss of $64,000 resulted from the change in the mortality assumption used to predict future deaths.

Please feel free to contact me should you require additional information or clarification of any of the information provided here.

Sincerely,

W.M. (Bill) Loucks, FCIA

Att.

Appendix A: Essex Powerlines Corporation	**CICA**	**IFRS**	**Projected**	**Projected**	**Projected**
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Discount rate at start of period	5.00%	5.00%	4.00%	4.00%	4.00%
Discount rate at end of period	4.00%	4.00%	4.00%	4.00%	4.00%
Interest rate on assets	N/A	N/A	N/A	N/A	N/A
CPI increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
Termination rates	Ont. Light	Ont. Light	Ont. Light	Ont. Light	Ont. Light
Mortality table	CPM proj.	CPM proj.	CPM proj.	CPM proj.	CPM proj.
Retirement Age	57	57	57	57	57
Health Care Initial Trend Rate	6.50%	6.50%	6.00%	5.50%	5.00%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Dental Care Initial Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
EARSL Period	8.9	8.9	8.9	8.9	8.9
Reconcile Obligation					
Obligation at start of year	3,600,716	3,600,716	2,562,809	2,667,598	2,688,420
Plan amendments in year	0	0	0	0	0
Employer current service cost	75,977	75,977	87,516	91,017	94,658
Member contributions	0	0	0	0	0
Benefit payments	(124,452)	(124,452)	(87,000)	(177,000)	(119,000)
Interest on obligation	180,723	180,723	104,273	106,805	108,943
Obligation at end of year	3,732,964	3,732,964	2,667,598	2,688,420	2,773,021
Actual obligations at end of year	2,562,809	2,562,809	2,667,598	2,688,420	2,773,021
(Gain)/Loss recognized at end of year	(1,170,155)	(1,170,155)	0	0	0
Reconcile Plan Funds					
Asset at start of period	0	0	0	0	0
Employer contributions	124,452	124,452	87,000	177,000	119,000
Benefit payments	(124,452)	(124,452)	(87,000)	(177,000)	(119,000)
Fund earnings	0	0	0	0	0
Asset at end of period	0	0	0	0	0

Appendix A: Essex Powerlines Corporation	**CICA**	**IFRS**	**Projected**	**Projected**	**Projected**
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Expense					
Current service cost	75,977	75,977	87,516	91,017	94,658
Interest on obligation	180,723	180,723	104,273	106,805	108,943
Interest on assets	0	0	0	0	0
Amortize transition amount	0	0	0	0	0
Amortize plan improvements	(26,424)	0	0	0	0
Amortize gains and losses	(29,028)	0	0	0	0
Expense	201,248	256,700	191,789	197,822	203,601
Transition obligation (asset)					
Transition amount at start of period	0	0	0	0	0
Amortization during period	0	0	0	0	0
Transition amount at end of period	0	0	0	0	0
Prior service costs					
Unamortized prior costs at start 2003	0	0	0	0	0
Unamortized prior costs at start 2005	26,427	26,427	0	0	0
Total	26,427	26,427	0	0	0
Amortization during period 2003	0	0	0	0	0
Amortization during period 2005	(26,424)	0	0	0	0
Total	(26,424)	0	0	0	0
Unamortized prior costs at end 2003	0	0	0	0	0
Unamortized prior costs at end 2005	3	26,427	0	0	0
Total	3	26,427	0	0	0
Transfer to Balance Sheet on Conversion		26,427			
Actuarial (gains) & losses					
Unamortized amount at start	(258,346)	(258,346)	0	0	0
(Gain) or Loss in period	(1,170,155)	(1,170,155)	0	0	0
Transfer to Balance Sheet on Conversion		1,428,501			
Amortization during period	(29,028)	0	0	0	0
Unamortized amount at end	(1,399,473)	0	0	0	0

Appendix A: Essex Powerlines Corporation **Fiscal Year**	**CICA** **2014**	**IFRS** **2014**	**Projected** **2015**	**Projected** **2016**	**Projected** **2017**
Accrued benefit asset (liability)					
Amount at start of period	(3,885,489)	(3,885,489)	(2,562,809)	(2,667,598)	(2,688,420)
Expense in period	(201,248)	(256,700)	(191,789)	(197,822)	(203,601)
Transfer to Balance Sheet on Conversion		1,454,928			
Employer contribution	124,452	124,452	87,000	177,000	119,000
Amount at end of period	(3,962,285)	(2,562,809)	(2,667,598)	(2,688,420)	(2,773,021)
Reconcile funded status					
Benefit obligation at end of period	2,562,809	2,562,809	2,667,598	2,688,420	2,773,021
Asset value at end of period	0	0	0	0	0
Funded status - surplus (deficit)	(2,562,809)	(2,562,809)	(2,667,598)	(2,688,420)	(2,773,021)
Unamortized transition obligation (asset)	0	0	0	0	0
Unamortized prior service costs	(3)	0	0	0	0
Unamortized (gains) & losses	(1,399,473)	0	0	0	0
Accrued benefit asset (liability)	(3,962,285)	(2,562,809)	(2,667,598)	(2,688,420)	(2,773,021)
Estimated benefit costs					
First year following fiscal year	87,000	87,000	177,000	119,000	180,000
Second year following fiscal year	177,000	177,000	119,000	180,000	154,000
Third year following fiscal year	119,000	119,000	180,000	154,000	161,000
Fourth year following fiscal year	180,000	180,000	154,000	161,000	207,000
Fifth-10th years following fiscal year	999,000	999,000	1,058,000	1,148,000	1,161,000
Sensitivity Testing					
Liability change resulting from:					
1% increase in trend rate	252,000	252,000	262,000	264,000	272,000
1% decrease in trend rate	(219,000)	(219,000)	(228,000)	(230,000)	(237,000)

Appendix B: Essex Power Corporation	**CICA**	**IFRS**	**Projected**	**Projected**	**Projected**
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Discount rate at start of period	5.00%	5.00%	4.00%	4.00%	4.00%
Discount rate at end of period	4.00%	4.00%	4.00%	4.00%	4.00%
Interest rate on assets	N/A	N/A	N/A	N/A	N/A
CPI increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
Termination rates	Ont. Light	Ont. Light	Ont. Light	Ont. Light	Ont. Light
Mortality table	CPM proj.	CPM proj.	CPM proj.	CPM proj.	CPM proj.
Retirement Age	57	57	57	57	57
Health Care Initial Trend Rate	6.50%	6.50%	6.00%	5.50%	5.00%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Dental Care Initial Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
EARSL Period	10.3	10.3	10.3	10.3	10.3
Reconcile Obligation					
Obligation at start of year	367,892	367,892	324,776	362,120	395,934
Plan amendments in year	0	0	0	0	0
Employer current service cost	23,125	23,125	26,359	27,413	28,510
Member contributions	0	0	0	0	0
Benefit payments	(5,518)	(5,518)	(3,000)	(9,000)	(25,000)
Interest on obligation	19,413	19,413	13,985	15,401	16,478
Obligation at end of year	404,912	404,912	362,120	395,934	415,922
Actual obligations at end of year	324,776	324,776	362,120	395,934	415,922
(Gain)/Loss recognized at end of year	(80,136)	(80,136)	0	0	0
Reconcile Plan Funds					
Asset at start of period	0	0	0	0	0
Employer contributions	5,518	5,518	3,000	9,000	25,000
Benefit payments	(5,518)	(5,518)	(3,000)	(9,000)	(25,000)
Fund earnings	0	0	0	0	0
Asset at end of period	0	0	0	0	0

Appendix B: Essex Power Corporation	**CICA**	**IFRS**	**Projected**	**Projected**	**Projected**
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Expense					
Current service cost	23,125	23,125	26,359	27,413	28,510
Interest on obligation	19,413	19,413	13,985	15,401	16,478
Interest on assets	0	0	0	0	0
Amortize transition amount	0	0	0	0	0
Amortize plan improvements	(6,642)	0	0	0	0
Amortize gains and losses	(3,707)	0	0	0	0
Expense	32,189	42,538	40,344	42,814	44,988
Transition obligation (asset)					
Transition amount at start of period	0	0	0	0	0
Amortization during period	0	0	0	0	0
Transition amount at end of period	0	0	0	0	0
Prior service costs					
Unamortized prior costs at start 2003	0	0	0	0	0
Unamortized prior costs at start 2005	6,642	6,642	0	0	0
Total	6,642	6,642	0	0	0
Amortization during period 2003	0	0	0	0	0
Amortization during period 2005	(6,642)	0	0	0	0
Total	(6,642)	0	0	0	0
Unamortized prior costs at end 2003	0	0	0	0	0
Unamortized prior costs at end 2005	0	6,642	0	0	0
Total	0	6,642	0	0	0
Transfer to Balance Sheet on Conversion		6,642			
Actuarial (gains) & losses					
Unamortized amount at start	(38,185)	(38,185)	0	0	0
(Gain) or Loss in period	(80,136)	(80,136)	0	0	0
Transfer to Balance Sheet on Conversion		118,321			
Amortization during period	(3,707)	0	0	0	0
Unamortized amount at end	(114,614)	0	0	0	0

Appendix B: Essex Power Corporation **Fiscal Year**	**CICA** **2014**	**IFRS** **2014**	**Projected** **2015**	**Projected** **2016**	**Projected** **2017**
Accrued benefit asset (liability)					
Amount at start of period	(412,719)	(412,719)	(324,776)	(362,120)	(395,934)
Expense in period	(32,189)	(42,538)	(40,344)	(42,814)	(44,988)
Transfer to Balance Sheet on Conversion		124,963			
Employer contribution	5,518	5,518	3,000	9,000	25,000
Amount at end of period	(439,390)	(324,776)	(362,120)	(395,934)	(415,922)
Reconcile funded status					
Benefit obligation at end of period	324,776	324,776	362,120	395,934	415,922
Asset value at end of period	0	0	0	0	0
Funded status - surplus (deficit)	(324,776)	(324,776)	(362,120)	(395,934)	(415,922)
Unamortized transition obligation (asset)	0	0	0	0	0
Unamortized prior service costs	0	0	0	0	0
Unamortized (gains) & losses	(114,614)	0	0	0	0
Accrued benefit asset (liability)	(439,390)	(324,776)	(362,120)	(395,934)	(415,922)
Estimated benefit costs					
First year following fiscal year	3,000	3,000	9,000	25,000	16,000
Second year following fiscal year	9,000	9,000	25,000	16,000	17,000
Third year following fiscal year	25,000	25,000	16,000	17,000	14,000
Fourth year following fiscal year	16,000	16,000	17,000	14,000	8,000
Fifth-10th years following fiscal year	83,000	83,000	82,000	85,000	118,000
Sensitivity Testing					
Liability change resulting from:					
1% increase in trend rate	17,000	17,000	19,000	21,000	22,000
1% decrease in trend rate	(14,000)	(14,000)	(16,000)	(17,000)	(18,000)

Appendix C: Essex Energy Corporation	**CICA**	**IFRS**	**Projected**	**Projected**	**Projected**
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Discount rate at start of period	5.00%	5.00%	4.00%	4.00%	4.00%
Discount rate at end of period	4.00%	4.00%	4.00%	4.00%	4.00%
Interest rate on assets	N/A	N/A	N/A	N/A	N/A
CPI increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
Termination rates	Ont. Light	Ont. Light	Ont. Light	Ont. Light	Ont. Light
Mortality table	CPM prom.	CPM prom.	CPM prom.	CPM prom.	CPM prom.
Retirement Age	57	57	57	57	57
Health Care Initial Trend Rate	6.50%	6.50%	8.00%	7.50%	7.00%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Dental Care Initial Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
EARSL Period	15.5	15.5	15.5	15.5	15.5
Reconcile Obligation					
Obligation at start of year	33,199	33,199	70,071	84,006	92,946
Plan amendments in year	0	0	0	0	0
Employer current service cost	10,763	10,763	13,646	14,192	14,760
Member contributions	0	0	0	0	0
Benefit payments	0	0	(3,000)	(9,000)	(25,000)
Interest on obligation	2,198	2,198	3,289	3,748	3,808
Obligation at end of year	46,160	46,160	84,006	92,946	86,514
Actual obligations at end of year	70,071	70,071	84,006	92,946	86,514
(Gain)/Loss recognized at end of year	23,911	23,911	0	0	0
Reconcile Plan Funds					
Asset at start of period	0	0	0	0	0
Employer contributions	0	0	3,000	9,000	25,000
Benefit payments	0	0	(3,000)	(9,000)	(25,000)
Fund earnings	0	0	0	0	0
Asset at end of period	0	0	0	0	0

Appendix C: Essex Energy Corporation	**CICA**	**IFRS**	**Projected**	**Projected**	**Projected**
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Expense					
Current service cost	10,763	10,763	13,646	14,192	14,760
Interest on obligation	2,198	2,198	3,289	3,748	3,808
Interest on assets	0	0	0	0	0
Amortize transition amount	0	0	0	0	0
Amortize plan improvements	0	0	0	0	0
Amortize gains and losses	0	0	0	0	0
Expense	12,961	12,961	16,935	17,940	18,568
Transition obligation (asset)					
Transition amount at start of period	0	0	0	0	0
Amortization during period	0	0	0	0	0
Transition amount at end of period	0	0	0	0	0
Prior service costs					
Unamortized prior costs at start 2003	0	0	0	0	0
Unamortized prior costs at start 2005	0	0	0	0	0
Total	0	0	0	0	0
Amortization during period 2003	0	0	0	0	0
Amortization during period 2005	0	0	0	0	0
Total	0	0	0	0	0
Unamortized prior costs at end 2003	0	0	0	0	0
Unamortized prior costs at end 2005	0	0	0	0	0
Total	0	0	0	0	0
Transfer to Balance Sheet on Conversion		0			
Actuarial (gains) & losses					
Unamortized amount at start	0	0	0	0	0
(Gain) or Loss in period	23,911	23,911	0	0	0
Transfer to Balance Sheet on Conversion		(23,911)			
Amortization during period	0	0	0	0	0
Unamortized amount at end	23,911	0	0	0	0

Appendix C: Essex Energy Corporation **Fiscal Year**	**CICA** **2014**	**IFRS** **2014**	**Projected** **2015**	**Projected** **2016**	**Projected** **2017**
Accrued benefit asset (liability)					
Amount at start of period	(33,199)	(33,199)	(70,071)	(84,006)	(92,946)
Expense in period	(12,961)	(12,961)	(16,935)	(17,940)	(18,568)
Transfer to Balance Sheet on Conversion		(23,911)			
Employer contribution	0	0	3,000	9,000	25,000
Amount at end of period	(46,160)	(70,071)	(84,006)	(92,946)	(86,514)
Reconcile funded status					
Benefit obligation at end of period	70,071	70,071	84,006	92,946	86,514
Asset value at end of period	0	0	0	0	0
Funded status - surplus (deficit)	(70,071)	(70,071)	(84,006)	(92,946)	(86,514)
Unamortized transition obligation (asset)	0	0	0	0	0
Unamortized prior service costs	0	0	0	0	0
Unamortized (gains) & losses	23,911	0	0	0	0
Accrued benefit asset (liability)	(46,160)	(70,071)	(84,006)	(92,946)	(86,514)
Estimated benefit costs					
First year following fiscal year	3,000	3,000	9,000	25,000	16,000
Second year following fiscal year	9,000	9,000	25,000	16,000	17,000
Third year following fiscal year	25,000	25,000	16,000	17,000	14,000
Fourth year following fiscal year	16,000	16,000	17,000	14,000	8,000
Fifth-10th years following fiscal year	83,000	83,000	82,000	85,000	118,000
Sensitivity Testing					
Liability change resulting from:					
1% increase in trend rate	43,000	43,000	52,000	58,000	54,000
1% decrease in trend rate	(36,000)	(36,000)	(43,000)	(48,000)	(45,000)

April 15, 2016

Gilbert Iovino, CPA, CMA
Corporate Controller
Essex Power Corporation
2730 Highway #3
Oldcastle, ON N0R 1L0

sent by email only

Dear Gilbert:

Re: Post-Employment Benefits Accounting

Further to your request, we have completed an extrapolation of the plan(s) and disclosure requirements for the fiscal period ending December 31, 2015 for Essex Power Corporation and Essex Powerlines Corporation. A full valuation was performed at December 31, 2014 and results from that valuation, including demographic updates were extrapolated to December 31, 2015, with projections for fiscal years 2016 through 2017.

Please note that results are also shown for Essex Energy Corporation in Appendix C. These results are shown for management purposes only. The Essex Energy employees and retirees DO NOT not receive post-employment benefits. The results were requested by management to show the actuarial impact if Essex Energy did provide post-employment benefits.

Accounting under IFRS 19(R) was adopted effective January 1, 2015. Further, it is assumed that the plan sponsor has chosen to recognize gains and losses through adjustments to Other Comprehensive Income.

PREMIUMS

Monthly premium rates were provided by the plan sponsor for the December 31, 2014 valuation and are shown in the following table. These rates are pre-tax.

	Health		Dental	
Division	**Single**	**Family**	**Single**	**Family**
Grandfathered Amherstburg	152.99	325.34	33.30	105.31
Grandfathered Leamington		323.72		105.31
Grandfathered LaSalle		325.34		105.31
Union Retirees	191.37	289.41	64.65	123.73
Management Retirees	191.37	327.70	64.65	144.27

Premium rates at December 31, 2015 were provided by the plan sponsor. These rates are illustrated below. No adjustment was made to the obligations at December 31, 2015 for the change in premium rates. At the next full valuation, the rates then in effect will be utilized, and any gains or losses due to premium experience will be recognized.

	Health		Dental	
Division	**Single**	**Family**	**Single**	**Family**
Grandfathered Amherstburg	146.10	325.34	34.00	105.31
Grandfathered Leamington		306.24		107.58
Grandfathered LaSalle		307.86		107.58
Union Retirees	179.27	271.71	66.04	126.40
Management Retirees	n/a	307.64	n/a	147.37

DATA

Individual employee and retiree data was provided for all covered individuals. The following table summarizes the data provided by the plan sponsor for the December 31, 2014 valuation.

	Active Employees	Retired Employees
Essex Power Corporation		
Number	9	1
Average Age	45.1	65.3
Average Years of Service	11.5	
Essex Powerlines Corporation		
Number	40	21
Average Age	46.8	64.2
Average Years of Service	14.6	
Essex Energy Corporation		
Number	10	0
Average Age	34.7	
Average Years of Service	5.3	

Note that a summary of data for Essex Energy is provided for information purposes only. Essex Energy employees and retirees do not receive post-employment benefits.

The table below shows total member counts at the December 31, 2014 valuation and at the current review.

	Valuation Dec 31 2014	Current Review
Active	59	56
Retired	22	25
Total	81	81

INSURANCE PLAN

The following table summarizes the plan provisions:

Retiring Allowance	Retirement with OMERS pension and with age plus service totaling 80 points. Payment is $600 per year of completed OMERS service. Available only if hired prior to June 2003.	
Other Benefits Eligibility	**Payable To Age 65** Retirement from OMERS with age plus service totaling 80 points.	**Payable From Age 65 to Age 70** Date of hire prior to June 2003.
Drugs	$5.00 prescription fee; no over the counter drugs 100% employer paid (excludes over the counter)	N/A 80% employer paid to $20,000/year
Extended Health	Employer pay all - no deductible	$25/$50 employee co-pay
	Physiotherapy to $500/year	Physiotherapy to $300/year
	Psychologist, $35/visit to $350/year; ($500/year management)	N/A
	Chiropractor to $400/year ($10 co-pay first 15 visits); ($500/year management)	Chiropractor to $300/year
	Osteopath/Chiropodist/Podiatrist to $400/year; ($500/year management)	Chiropodist/Podiatrist to $300/year
	Speech Therapist to $200/year; ($500/year management)	N/A
	Massage Therapy, $250/year ($25 co-pay); ($500/year management)	N/A
	Private Hospital, $1,000 lifetime maximum	N/A
	Semi Private Hospital	Semi Private Hospital, 15 day maximum
	Audio company self-funded - $300 maximum for 3 years	N/A
	Vision $350/24 months and one eye exam/24 months	Vision to $200/24 months
	Out of Province, 180 days to $1 Million/year	N/A
	Employee Assistance Plan	N/A

Other Benefits	Payable To Age 65	Payable From Age 65 to Age 70
Dental	No deductible ($3,500 maximum)	N/A
	100% Basic	90% Basic to $1,000 annual maximum
	100% Endodontics/periodontics	N/A
	50% Crowns/bridges/caps	N/A
	50% Dentures	N/A
	50% Orthodontics, maximum $2,500	N/A
Spousal Benefits	Continues to surviving spouse and eligible dependents	Continues to surviving spouse and eligible dependents

Grandfathered Groups (for employees who retired prior to June, 2003):

Amherstburg	**Life insurance** at 50% of final annual earnings, reducing by 2.5% per year to an ultimate level of 25% of final earnings. Benefit is provided for life. Only two retirees remain with this benefit. **Health and Dental** coverage is for the retiree and his/her spouse's lifetime.
Leamington	**Health and Dental** coverage is for the retiree and his/her spouse’s lifetime. **Life insurance** at 50% of final annual earnings, reducing by 2.5% per year to an ultimate level of 25% of final earnings. Benefit is provided for life. One retiree remains with this benefit.
LaSalle	**Health and Dental** coverage is for the retiree and his/her spouse's lifetime. Three retirees remain with these benefits.

Data Updates

At the December 31, 2014 valuation, the retiree in the Leamington grandfathered group benefits were assumed to have ceased at 65. The data has since been updated to reflect the post-retirement benefits continuing for life.

Also at the December 31, 2014 valuation it was assumed that two LasSalle retired members were entitled to the grandfathered benefits noted above. The data has been updated at December 31, 2015 to reflect three members in this group.

These changes have been reflected in the obligations at December 31, 2015.

ATTESTATION

I am pleased to provide the following:

a. This report provides a summary of the extrapolation.
b. The assumptions outlined below provide methods and principles applied in their establishment.
c. The data summarized above was provided by the plan sponsor and have been relied upon for purposes of the extrapolation. Rigorous tests were not carried out on the data provided, with the exception of comparing current data to previous valuation data.
d. This report has been completed prior to the fiscal year end date. We are not aware of any events subsequent to the fiscal year end that would impact on the extrapolation results.
e. Canadian GAAP (Part V) accounting policies have been used through 2014. IFRS is adopted effective January 1, 2015; 2014 results are provided on both basis.
f. We are not aware of any significant events that occurred during the reporting period.
g. We confirm the following:
   (i) We have been appointed by the management of Essex Power Corporation to carry out the valuation. I am aware that your auditor intends to use my work for audit evidence.
   (ii) In our valuation we have been objective and are free from material financial interest in the outcome of the valuation.
   (iii) I am a fully qualified Fellow of the CIA in good professional standing and possess the requisite competency to perform the valuation.
   (iv) The valuation has been performed with due care.
   (v) There have been no restrictions imposed on me regarding what may be communicated to your auditor.
   (vi) I agree to preserve the confidentiality of any information provided by the auditor.
   (vii) The benefit plan is a defined benefit plan as defined in CPA Canada Handbook.
   (viii) I have confirmed with the plan sponsor that:
      1. The extrapolation includes all employee future benefit plans required to be included in the valuation.
      2. The plan's provisions are up to date as at the date of the report.
      3. The plan sponsor will advise us of changes to the plan's provisions and events that could have a material effect on the valuation.
   (ix) The extrapolation has been performed in accordance with the standards of the CIA.
   (x) The amounts derived from the extrapolation are in accordance with the framework as described above.
   (xi) In performing the extrapolation we have used a discount rate determined in accordance with the framework and best estimate assumptions developed by management following

discussions with us. It is our opinion that the assumptions are appropriate for the valuation and disclosure.

The significant actuarial assumptions used in the calculations are as follows:

- The date of all calculations is December 31, 2015.
- A discount rate of 4.00% was chosen for use as at December 31, 2014 and to establish liabilities for extrapolation during 2015. A rate of 3.75% is used at December 31, 2015 and subsequent extrapolations; this is the single discount rate, rounded to the nearest 0.25%, that closely matches the plan's obligations determined using the Fiera Capital/CIA yield curve as at December 31, 2015.
- No assets have or are expected to be accumulated for the plan.
- A salary growth rate is not incorporated as no benefits are related to earnings.
- Mortality is on the basis of the CPM 2014 Mortality Table (Composite) projected on a generational basis using Improvement Scale CPM-B1D2014
- Termination of employment is based on the Ontario Light Scale.
- The following table shows rates of mortality and employee termination at certain ages:

	Mortality Rate		**Projection Scale**		**Termination**
Age	**Male**	**Female**	**Male**	**Female**	**Rate**
20	0.000820	0.000180	0.00890	0.00960	0.100
25	0.001080	0.000240	0.00790	0.00570	0.100
30	0.001200	0.000300	0.01300	0.00610	0.056
35	0.001200	0.000420	0.01630	0.00850	0.032
40	0.001360	0.000610	0.01420	0.00970	0.022
45	0.001900	0.000860	0.00730	0.00610	0.017
50	0.002660	0.001290	-0.00020	0.00290	0.012
55	0.004030	0.002070	0.00140	0.00310	
60	0.006280	0.003500	0.00550	0.00490	
65	0.008440	0.005620	0.00810	0.00690	
70	0.012820	0.008860	0.00990	0.00690	
75	0.021830	0.014690	0.01420	0.00820	
80	0.039810	0.027290	0.01950	0.01160	
85	0.075710	0.053520	0.01540	0.01450	
90	0.140410	0.102800	0.00890	0.00910	
95	0.248080	0.189020	0.00110	0.00120	

- Retirement at age 57 (current age plus 1 if currently age 57 or more) is presumed. For certain management employees the plan sponsor has estimated a future retirement year based on knowledge of the employee.

- Health care trend rates of 8% in the first year after the valuation, reducing linearly to 4.5% over 6 years has been used.
- Dental care trend rates of 4.5% per year are assumed.
- Expenses related to the payout of life insurance benefits are presumed to be 10% of the amount of insurance paid.
- The value of projected benefits is prorated over the attribution period to determine the amount of expense to charge to various periods. The accrued obligation represents the present value of benefits assigned to periods prior to the valuation date.
- Amortizations are made using a straight-line method over the average of the expected average future service period of active employees.
- The attribution method is based on prorating benefits over each employee's period of service to the attainment of age 55 or the attainment of age plus service totaling 80 if later.
- The valuation allowance is zero.
- The Expected Average Remaining Service Lifetime (EARSL) has been calculated as shown in the attached disclosure tables.

CALCULATIONS

On the basis of the assumptions and methods noted above, we have determined the present value of benefit obligations related to service through 2015. The attached tables show the calculated obligation amounts at the December 31, 2014 fiscal end date and at the December 31, 2015 fiscal end date, as well as projections for fiscal years 2016 and 2017. The projections will remain reasonable for reporting purposes provided the above assumptions remain reasonable (notably the discount rate and data). Separate tables are provided for Essex Power Corporation, Essex Powerlines Corporation, and Essex Energy Corporation.

Please contact me should you require additional information or clarification of any of the information provided here.

Sincerely,

Kathryn T. Licata, FSA, FCIA, MAAA
Direct (519) 804-2895

ACCOUNTING SCHEDULE

APPENDIX A: ESSEX POWERLINES CORPORATION	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Discount rate at start of period	5.00%	5.00%	4.00%	3.75%	3.75%
Discount rate at end of period	4.00%	4.00%	3.75%	3.75%	3.75%
Interest rate on assets	n/a	n/a	n/a	n/a	n/a
CPI increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
Termination rates	Ont. Light	Ont. Light	Ont. Light	Ont. Light	Ont. Light
Mortality table	CPM	CPM	CPM	CPM	CPM
Retirement Age	57	57	57	57	57
Health Care Initial Trend Rate	8.00%	8.00%	7.50%	7.00%	6.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Dental Care Initial Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
EARSL Period	8.9	8.9	8.9	8.9	8.9
Reconcile Obligation					
Obligation at start of year	3,600,716	3,600,716	2,562,809	2,914,823	2,930,194
Plan amendments in year	0	0	0	0	0
Employer current service cost	75,977	75,977	87,516	94,063	97,590
Member contributions	0	0	0	0	0
Benefit payments	(124,452)	(124,452)	(164,631)	(188,000)	(130,000)
Interest on obligation	180,723	180,723	102,720	109,308	111,104
Obligation at end of year	3,732,964	3,732,964	2,588,414	2,930,194	3,008,888
Actual obligations at end of year	2,562,809	2,562,809	2,914,823	2,930,194	3,008,888
(Gain)/Loss recognized at end of year	(1,170,155)	(1,170,155)	326,409	0	0

APPENDIX A: ESSEX POWERLINES CORPORATION	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Reconcile Plan Funds					
Asset at start of period	0	0	0	0	0
Employer contributions	124,452	124,452	164,631	188,000	130,000
Benefit payments	(124,452)	(124,452)	(164,631)	(188,000)	(130,000)
Fund earnings	0	0	0	0	0
Asset at end of period	0	0	0	0	0
Expense					
Current service cost	75,977	75,977	87,516	94,063	97,590
Interest on obligation	180,723	180,723	102,720	109,308	111,104
Interest on assets	0	0	0	0	0
Amortize transition amount	0	0	0	0	0
Amortize plan improvements	(26,424)	0	0	0	0
Amortize gains and losses	(29,028)	0	0	0	0
Expense	201,248	256,700	190,236	203,371	208,694
Transition obligation (asset)					
Transition amount at start of period	0	0	0	0	0
Amortization during period	0	0	0	0	0
Transition amount at end of period	0	0	0	0	0

APPENDIX A: ESSEX POWERLINES CORPORATION	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Prior service costs					
Unamortized prior costs at start 2003	0	0	0	0	0
Unamortized prior costs at start 2005	26,427	26,427	0	0	0
Total	26,427	26,427	0	0	0
Amortization during period 2003	0	0	0	0	0
Amortization during period 2005	(26,424)	0	0	0	0
Total	(26,424)	0	0	0	0
Unamortized prior costs at end 2003	0	0	0	0	0
Unamortized prior costs at end 2005	3	26,427	0	0	0
Total	3	26,427	0	0	0
Transfer to Balance Sheet on Conversion		26,427			
Actuarial (gains) & losses					
Unamortized amount at start	(258,346)	(258,346)	0	0	0
(Gain) or Loss in period	(1,170,155)	(1,170,155)	326,409	0	0
Transfer to Balance Sheet on Conversion		1,428,501			
Amortization during period	(29,028)	0	326,409	0	0
Unamortized amount at end	(1,399,473)	0	0	0	0
Accrued benefit asset (liability)					
Amount at start of period	(3,885,489)	(3,885,489)	(2,562,809)	(2,914,823)	(2,930,194)
Expense in period	(201,248)	(256,700)	(190,236)	(203,371)	(208,694)
Transfer to Balance Sheet on Conversion		1,454,928			
Recognize Gains/(Losses)			(326,409)	0	0
Employer contribution	124,452	124,452	164,631	188,000	130,000
Amount at end of period	(3,962,285)	(2,562,809)	(2,914,823)	(2,930,194)	(3,008,888)

APPENDIX A: ESSEX POWERLINES CORPORATION	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Reconcile funded status					
Benefit obligation at end of period	2,562,809	2,562,809	2,914,823	2,930,194	3,008,888
Asset value at end of period	0	0	0	0	0
Funded status - surplus (deficit)	(2,562,809)	(2,562,809)	(2,914,823)	(2,930,194)	(3,008,888)
Unamortized transition obligation (asset)	0	0	0	0	0
Unamortized prior service costs	(3)	0	0	0	0
Unamortized (gains) & losses	(1,399,473)	0	0	0	0
Accrued benefit asset (liability)	(3,962,285)	(2,562,809)	(2,914,823)	(2,930,194)	(3,008,888)
Estimated benefit costs					
First year following fiscal year			188,000	130,000	192,000
Second year following fiscal year			130,000	192,000	166,000
Third year following fiscal year			192,000	166,000	175,000
Fourth year following fiscal year			166,000	175,000	221,000
Fifth-10th years following fiscal year			1,130,000	1,222,000	1,237,000
Sensitivity Testing					
Liability change resulting from:					
1% increase in trend rate			287,000	289,000	297,000
1% decrease in trend rate			(249,000)	(250,000)	(257,000)
Liability change resulting from:					
1% increase in discount rate			(281,000)	(282,000)	(290,000)
1% decrease in discount rate			329,000	331,000	340,000
Gain and Loss					
Discount rate			74,276		
Demographic changes			252,133		
Total (Gain)/Loss			326,409		

APPENDIX B ESSEX POWER CORPORATION	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Discount rate at start of period	5.00%	5.00%	4.00%	3.75%	3.75%
Discount rate at end of period	4.00%	4.00%	3.75%	3.75%	3.75%
Interest rate on assets	n/a	n/a	n/a	n/a	n/a
CPI increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
Termination rates	Ont. Light	Ont. Light	Ont. Light	Ont. Light	Ont. Light
Mortality table	CPM	CPM	CPM	CPM	CPM
Retirement Age	57	57	57	57	57
Health Care Initial Trend Rate	8.00%	8.00%	7.50%	7.00%	6.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Dental Care Initial Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
EARSL Period	10.3	10.3	10.3	10.3	10.3
Reconcile Obligation					
Obligation at start of year	367,892	367,892	324,776	373,666	407,834
Plan amendments in year	0	0	0	0	0
Employer current service cost	23,125	23,125	26,359	28,264	29,323
Member contributions	0	0	0	0	0
Benefit payments	(5,518)	(5,518)	(3,072)	(9,000)	(25,000)
Interest on obligation	19,413	19,413	13,984	14,904	15,925
Obligation at end of year	404,912	404,912	362,047	407,834	428,082
Actual obligations at end of year	324,776	324,776	373,666	407,834	428,082
(Gain)/Loss recognized at end of year	(80,136)	(80,136)	11,619	0	0

APPENDIX B ESSEX POWER CORPORATION	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Reconcile Plan Funds					
Asset at start of period	0	0	0	0	0
Employer contributions	5,518	5,518	3,072	9,000	25,000
Benefit payments	(5,518)	(5,518)	(3,072)	(9,000)	(25,000)
Fund earnings	0	0	0	0	0
Asset at end of period	0	0	0	0	0
Expense					
Current service cost	23,125	23,125	26,359	28,264	29,323
Interest on obligation	19,413	19,413	13,984	14,904	15,925
Interest on assets	0	0	0	0	0
Amortize transition amount	0	0	0	0	0
Amortize plan improvements	(6,642)	0	0	0	0
Amortize gains and losses	(3,707)	0	0	0	0
Expense	32,189	42,538	40,343	43,168	45,248
Transition obligation (asset)					
Transition amount at start of period	0	0	0	0	0
Amortization during period	0	0	0	0	0
Transition amount at end of period	0	0	0	0	0

APPENDIX B ESSEX POWER CORPORATION Fiscal Year	CICA 2014	IFRS 2014	IFRS 2015	Projected 2016	Projected 2017
Prior service costs					
Unamortized prior costs at start 2003	0	0	0	0	0
Unamortized prior costs at start 2005	6,642	6,642	0	0	0
Total	6,642	6,642	0	0	0
Amortization during period 2003	0	0	0	0	0
Amortization during period 2005	(6,642)	0	0	0	0
Total	(6,642)	0	0	0	0
Unamortized prior costs at end 2003	0	0	0	0	0
Unamortized prior costs at end 2005	0	6,642	0	0	0
Total	0	6,642	0	0	0
Transfer to Balance Sheet on Conversion		6,642			
Actuarial (gains) & losses					
Unamortized amount at start	(38,185)	(38,185)	0	0	0
(Gain) or Loss in period	(80,136)	(80,136)	11,619	0	0
Transfer to Balance Sheet on Conversion		118,321			
Amortization during period	(3,707)	0	11,619	0	0
Unamortized amount at end	(114,614)	0	0	0	0
Accrued benefit asset (liability)					
Amount at start of period	(412,719)	(412,719)	(324,776)	(373,666)	(407,834)
Expense in period	(32,189)	(42,538)	(40,343)	(43,168)	(45,248)
Transfer to Balance Sheet on Conversion		124,963			
Recognize Gains/(Losses)			(11,619)	0	0
Employer contribution	5,518	5,518	3,072	9,000	25,000
Amount at end of period	(439,390)	(324,776)	(373,666)	(407,834)	(428,082)

APPENDIX B ESSEX POWER CORPORATION Fiscal Year	CICA 2014	IFRS 2014	IFRS 2015	Projected 2016	Projected 2017
Reconcile funded status					
Benefit obligation at end of period	324,776	324,776	373,666	407,834	428,082
Asset value at end of period	0	0	0	0	0
Funded status - surplus (deficit)	(324,776)	(324,776)	(373,666)	(407,834)	(428,082)
Unamortized transition obligation (asset)	0	0	0	0	0
Unamortized prior service costs	0	0	0	0	0
Unamortized (gains) & losses	(114,614)	0	0	0	0
Accrued benefit asset (liability)	(439,390)	(324,776)	(373,666)	(407,834)	(428,082)
Estimated benefit costs					
First year following fiscal year			9,000	25,000	16,000
Second year following fiscal year			25,000	16,000	17,000
Third year following fiscal year			16,000	17,000	14,000
Fourth year following fiscal year			17,000	14,000	8,000
Fifth-10th years following fiscal year			82,000	85,000	118,000
Sensitivity Testing					
Liability change resulting from:					
1% increase in trend rate			49,000	53,000	56,000
1% decrease in trend rate			(41,000)	(45,000)	(47,000)
Liability change resulting from:					
1% increase in discount rate			(46,000)	(50,000)	(52,000)
1% decrease in discount rate			55,000	60,000	63,000
Gain and Loss					
Discount rate			11,619		
Demographic changes			0		
Total (Gain)/Loss			11,619		

APPENDIX C: ESSEX ENERGY CORPORATION
PROVIDED FOR MANAGEMENT PURPOSES ONLY

	CICA	IFRS	IFRS	Projected	Projected
Fiscal Year	**2014**	**2014**	**2015**	**2016**	**2017**
Discount rate at start of period	5.00%	5.00%	4.00%	3.75%	3.75%
Discount rate at end of period	4.00%	4.00%	3.75%	3.75%	3.75%
Interest rate on assets	n/a	n/a	n/a	n/a	n/a
CPI increase assumption	2.00%	2.00%	2.00%	2.00%	2.00%
Termination rates	Ont. Light	Ont. Light	Ont. Light	Ont. Light	Ont. Light
Mortality table	CPM	CPM	CPM	CPM	CPM
Retirement Age	57	57	57	57	57
Health Care Initial Trend Rate	8.00%	8.00%	7.50%	7.00%	6.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Dental Care Initial Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
Ultimate Trend Rate	4.50%	4.50%	4.50%	4.50%	4.50%
EARSL Period	15.5	15.5	15.5	15.5	15.5
Reconcile Obligation					
Obligation at start of year	33,199	33,199	70,071	91,932	110,925
Plan amendments in year	0	0	0	0	0
Employer current service cost	10,763	10,763	13,646	14,984	15,545
Member contributions	0	0	0	0	0
Benefit payments	0	0	0	0	0
Interest on obligation	2,198	2,198	3,349	4,009	4,743
Obligation at end of year	46,160	46,160	87,066	110,925	131,213
Actual obligations at end of year	70,071	70,071	91,932	110,925	131,213
(Gain)/Loss recognized at end of year	23,911	23,911	4,866	0	0

APPENDIX C: ESSEX ENERGY CORPORATION
PROVIDED FOR MANAGEMENT PURPOSES ONLY

Fiscal Year	CICA 2014	IFRS 2014	IFRS 2015	Projected 2016	Projected 2017
Reconcile Plan Funds					
Asset at start of period	0	0	0	0	0
Employer contributions	0	0	0	0	0
Benefit payments	0	0	0	0	0
Fund earnings	0	0	0	0	0
Asset at end of period	0	0	0	0	0
Expense					
Current service cost	10,763	10,763	13,646	14,984	15,545
Interest on obligation	2,198	2,198	3,349	4,009	4,743
Interest on assets	0	0	0	0	0
Amortize transition amount	0	0	0	0	0
Amortize plan improvements	0	0	0	0	0
Amortize gains and losses	0	0	0	0	0
Expense	12,961	12,961	16,995	18,993	20,288
Transition obligation (asset)					
Transition amount at start of period	0	0	0	0	0
Amortization during period	0	0	0	0	0
Transition amount at end of period	0	0	0	0	0

APPENDIX C: ESSEX ENERGY CORPORATION PROVIDED FOR MANAGEMENT PURPOSES ONLY **Fiscal Year**	**CICA 2014**	**IFRS 2014**	**IFRS 2015**	**Projected 2016**	**Projected 2017**
Prior service costs					
Unamortized prior costs at start 2003	0	0	0	0	0
Unamortized prior costs at start 2005	0	0	0	0	0
Total	0	0	0	0	0
Amortization during period 2003	0	0	0	0	0
Amortization during period 2005	0	0	0	0	0
Total	0	0	0	0	0
Unamortized prior costs at end 2003	0	0	0	0	0
Unamortized prior costs at end 2005	0	0	0	0	0
Total	0	0	0	0	0
Transfer to Balance Sheet on Conversion		0			
Actuarial (gains) & losses					
Unamortized amount at start	0	0	0	0	0
(Gain) or Loss in period	23,911	23,911	4,866	0	0
Transfer to Balance Sheet on Conversion		(23,911)			
Amortization during period	0	0	4,866	0	0
Unamortized amount at end	23,911	0	0	0	0
Accrued benefit asset (liability)					
Amount at start of period	(33,199)	(33,199)	(70,071)	(91,932)	(110,925)
Expense in period	(12,961)	(12,961)	(16,995)	(18,993)	(20,288)
Transfer to Balance Sheet on Conversion		(23,911)			
Recognize Gains/(Losses)			(4,866)	0	0
Employer contribution	0	0	0	0	0
Amount at end of period	(46,160)	(70,071)	(91,932)	(110,925)	(131,213)

APPENDIX C: ESSEX ENERGY CORPORATION
PROVIDED FOR MANAGEMENT PURPOSES ONLY

Fiscal Year	CICA 2014	IFRS 2014	IFRS 2015	Projected 2016	Projected 2017
Reconcile funded status					
Benefit obligation at end of period	70,071	70,071	91,932	110,925	131,213
Asset value at end of period	0	0	0	0	0
Funded status - surplus (deficit)	(70,071)	(70,071)	(91,932)	(110,925)	(131,213)
Unamortized transition obligation (asset)	0	0	0	0	0
Unamortized prior service costs	0	0	0	0	0
Unamortized (gains) & losses	23,911	0	0	0	0
Accrued benefit asset (liability)	(46,160)	(70,071)	(91,932)	(110,925)	(131,213)
Estimated benefit costs					
First year following fiscal year			0	0	0
Second year following fiscal year			0	0	0
Third year following fiscal year			0	0	0
Fourth year following fiscal year			0	0	0
Fifth-10th years following fiscal year			0	0	1,000
Sensitivity Testing					
Liability change resulting from:					
1% increase in trend rate			22,000	27,000	32,000
1% decrease in trend rate			(18,000)	(22,000)	(26,000)
Liability change resulting from:					
1% increase in discount rate			(18,000)	(22,000)	(26,000)
1% decrease in discount rate			24,000	29,000	34,000
Gain and Loss					
Discount rate			4,866		
Demographic changes			0		
Total (Gain)/Loss			4,866		

Attachment 4-I

Shared Services & Corporate Cost Allocation

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2010 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 772,334	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 67,734
EEC	EPLC	CDM services	Fully allocated cost		$ 340,824
EEC	EPLC	IT development services	Hourly Rate		$ 33,750
EPS	EPLC	Streetlight maintenance	Fully allocated cost		
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,256,205
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 6,541

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**

Note:

1 **This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:**

- ***Type of Service:***

Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

- ***Pricing Methodology:***

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.

- ***% Allocation:***

The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

Year: 2011 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 895,442	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 157,951
EEC	EPLC	CDM services	Fully allocated cost		$ 519,841
EEC	EPLC	IT development services	Hourly Rate		$ 26,303
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 1,229
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,181,342
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 255,865

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2012 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 848,242	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 281,005
EEC	EPLC	CDM services	Fully allocated cost		$ 429,535
EEC	EPLC	IT development services	Hourly Rate		$ 44,797
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 10,410
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,000,134
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 242,403

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2013 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 929,921	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 315,299
EEC	EPLC	CDM services	Fully allocated cost		$ 835,318
EEC	EPLC	IT development services	Hourly Rate		$ 38,458
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 97,556
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,036,741
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 254,677

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2014 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 947,980	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 195,214
EEC	EPLC	CDM services	Fully allocated cost		$ 628,122
EEC	EPLC	IT development services	Hourly Rate		$ 311,894
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 94,257
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,145,205
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 272,267

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2015 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 948,337	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 281,927
EEC	EPLC	CDM services	Fully allocated cost		$ 970,799
EEC	EPLC	IT development services	Hourly Rate		$ 132,986
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 34,975
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,132,261
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 371,231

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2016 Actual

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington, LaSalle	Water billing & collection	Flat monthly service charge	$ 941,723	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 249,758
EEC	EPLC	CDM services	Fully allocated cost		$ 639,590
EEC	EPLC	IT development services	Hourly Rate		$ 129,814
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 71,497
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 1,012,571
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 343,123

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2017 Bridge Year

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington	Water billing & collection	Flat monthly service charge	$ 765,456	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 90,817
EEC	EPLC	CDM services	Fully allocated cost		$ 914,911
EEC	EPLC	IT development services	Hourly Rate		$ 32,489
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 71,497
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 873,740
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 343,123

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Year: 2018 Test Year

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
EPLC	Municipalities of Tecumseh, Amherstburg, Leamington	Water billing & collection	Flat monthly service charge	$ 765,456	
EEC	EPLC	Engineering support service	Fully allocated cost		$ 90,817
EEC	EPLC	CDM services	Fully allocated cost		$ 914,911
EEC	EPLC	IT development services	Hourly Rate		$ 32,489
EPS	EPLC	Streetlight maintenance	Fully allocated cost		$ 71,497
EPC	EPLC	HR services, IT services, Procurement service and Executive Services	Fully allocated cost		$ 873,740
UC	EPLC	Wholesale settlement services and interval meter reading and communication			$ 343,123

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
eg: parent company	*eg: regulated entity*				

Attachment 4-J

EPLC Purchasing Policy

Purchasing & Tender Policy	
Approved by:	**Approval date:**
Reference No.:	**Revision date:**

Policy Statement

It is the policy of Essex Power Corporation to acquire needed goods and services in such a manner as to obtain maximum value for each dollar disbursed, subject to the terms and conditions set forth by the company. Essex Power Corporation is committed to a fair and open competitive tendering policy for all interested, qualified suppliers. This objective will be achieved by the use of informal and formal tender documentation and appropriate authorization as outlined in the Purchasing Policy. The policy also provides employees with guidelines to receive competitive pricing and best overall value in a manner that meets the company objectives.

Policy Details

Essex Power Corporation's Tendering Policy is based on the following fundamental principles:

- open and effective competition
- best overall value for money disbursed (best overall value for money takes into account both price and non price factors and the need to ensure benefits are commensurate with costs)
- enhancing, where reasonably possible, the capabilities of local business and industry
- environmental protection

Purchasing Thresholds with Respect to the Purchasing/Tendering Process

1.0 Essex Power Corporation's policy on purchasing (Tendering) is based on the following thresholds:

1.1 $0 but less than $100

- No purchase order form or quoting process is required; petty cash or company credit cards may be used to purchase items. Supervisor is to sign the credit card statements to authorize the transactions.

1.2 $100 to less than $1,000

- No purchase order form or quoting process is required; Supervisor is to verbally approve before purchasing and sign the supplier invoice to authorize the

transaction or if on a credit card the Supervisor is to sign the credit card statements to authorize the transactions.

1.3 $1,001 but less than $10,000

- Purchase order form completed and valid quoting process (at least 2 quotes) is required; Manager authorization required

1.4 $10,001 and above

- Purchase order form completed and valid quoting process (at least 3 quotes) is required; EPC President or designate

All non budgeted purchases require the authorization of the President of EPC or his designate.

Other policy conditions

1 Multiple, similar small purchases/requisitions, to circumvent Purchase value limits, do not meet the intent of this policy, will not be processed and as such should be refrained from occurring.

2 Quotations required – quotes are required when if and possible from not less than 2 appropriate suppliers; it is understood however, that best price sources are established on an annual basis and hence subsequent purchases of the same item are made without competitive quotes; however, from time to time one of, or out of the ordinary item purchases will occur, and therefore competitive quotes are required.

3 Order quantities should equal semi-annual or annual needs (once determined), if applicable, thereby eliminating the need for frequent orders of the same items, and lessening administration time, where carrying cost is not an issue and if storage space is negatively impacted.

4 Planning and lead times are a key part of the purchasing process and must be considered at all times.

5 Requisition/purchase order forms should be forwarded by the originating department.

6 A standard Request for Quote (RFQ) form is required where appropriate as above, with a covering letter when necessary. (EPL) The RFQ must provide the specific product information, quantity, unit price, freight charges and conditions, discounts, payment terms, deliver dates (if applicable) to be evaluated as part of the selection process.

7 Annual Quotes which "lock in" the detailed purchase arrangements for items to be delivered throughout the subsequent year, should be obtained whenever possible thereby reducing the need for frequent quotes for the same item.
8 Based on larger quantity orders, split delivery dates will be required to locations as designated.
9 Where the minimum required quotations cannot be obtained, documentation should be included to detail reasons why and provide appropriate authorization.

Contracts for Services

There are occasions when contracts for purchasing services are entered into for a duration that exceeds one year. In no circumstance should these contracts exceed 3 years. Contracts are required to be subject to the tendering/quotation process before being renewed to the same vendor. Any exception to this policy requires the approval of the President of EPC.

Other Guidelines

Obsolete and/or surplus assets, or assets with no demonstrated value, that are not donated or sold, will be disposed of in the garbage in accordance with pertinent regulations.

Key Points to Remember

- ✓ Disposal of assets will occur when assets become obsolete and/or surplus.
- ✓ Disposal of assets will be managed to ensure sound business and accounting practices and fairness.
- ✓ The purchaser is accountable to pay for the asset in advance of removing it from Essex Power in a timely manner, and with liability for safe removal.

Attachment 4-K

Regulatory Cost Schedule

Appendix 2-M
Regulatory Cost Schedule

	Regulatory Cost Category	USoA Account	USoA Account Balance	Ongoing or One-time Cost? [2]	Last Rebasing Year (2010 Board Approved)	Most Current Actuals Year 2016	2017 Bridge Year	Annual % Change	2018 Test Year	Annual % Change
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = [(G)-(F)]/(F)	(I)	(J) = [(I)-(G)]/(G)
1	OEB Annual Assessment	5655		On-Going	$ 59,962	$ 119,310	$ 121,696	2.00%	$ 124,130	2.00%
2	OEB Section 30 Costs (Applicant-originated)									
3	OEB Section 30 Costs (OEB-initiated)	5655		On-Going		$ 5,643	$ 5,646	0.05%	$ 5,646	0.00%
4	Expert Witness costs for regulatory matters									
5	Legal costs for regulatory matters	5655		One-Time					$ 50,000	
6	Consultants' costs for regulatory matters	5655		One-Time			$ 140,812		$ 17,370	-87.66%
7	Operating expenses associated with staff resources allocated to regulatory matters	5610		On-Going	$ 50,000	$ 116,250	$ 195,688	68.33%	$ 217,000	10.89%
8	Operating expenses associated with other resources allocated to regulatory matters [1]									
9	Other regulatory agency fees or assessments									
10	Any other costs for regulatory matters (please define)	5655		One-Time						
11	Intervenor costs	5655		One-Time	$ 52,500				$ 35,000	
12	Sub-total - Ongoing Costs [3]		$ -		$ 162,462	$ 241,203	$ 323,030	33.92%	$ 346,776	7.35%
13	Sub-total - One-time Costs [4]		$ -		$ -	$ -	$ 140,812		$ 102,370	-27.30%
14	Total		$ -		$ 162,462	$ 241,203	$ 463,842	92.30%	$ 449,146	-3.17%
									-$ 95,000	remove one-time
									$ 39,386.23	Add: annualized
									$ 393,532.33	Total regulatory

Please fill out the following table for all <u>one-time</u> costs related to this cost of service application to be amortized over the test year plus the IRM period.

		Historical Year(s)	2017 Bridge Year	2018 Test Year		
4	Expert Witness costs					
5	Legal costs			$ 50,000.00		
6	Consultants' costs		$ 101,931.17	$ 10,000.00		
7	Incremental operating expenses associated with staff resources allocated to this application.					
8	Incremental operating expenses associated with other resources allocated to this application. [1]				Total Application Cost	
11	Intervenor costs			$ 35,000	$ 196,931.17	
		$ -	$ 101,931.17	$ 95,000.00	$ 39,386.23	Annualized cost to be recovered

Notes:

[1] Please identify the resources involved.
[2] Where a category's costs include both one-time and ongoing costs, the applicant should prove a separate breakdown between one-time and ongoing costs.
[3] Sum of all ongoing costs identified in rows 1 to 11 inclusive.
[4] Sum of all one-time costs identified in rows 1 to 11 inclusive.

Attachment 4-L

Service Life Comparison

File Number:	EB-2017-0039
Exhibit:	4
Tab:	4-L
Page:	1 of 1
Date:	August 28th, 2017

Appendix 2-BB
Service Life Comparison
Table F-1 from Kinetics Report[1]

		Asset Details			Useful Life			USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of Min, Max TUL?	
Parent*	#	Category| Component | Type			MIN UL	TUL	MAX UL			Years	Rate	Years	Rate	Below Min TUL	Above Max TUL
OH	1	Fully Dressed Wood Poles	Overall		35	45	75	1830	Poles, Towers and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	2	Fully Dressed Concrete Poles	Overall		50	60	80	1830	Poles, Towers and Fixtures	25	4%	50	2%	No	No
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	3	Fully Dressed Steel Poles	Overall		60	60	80								
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	4	OH Line Switch			30	45	55								
	5	OH Line Switch Motor			15	25	25								
	6	OH Line Switch RTU			15	20	20								
	7	OH Integral Switches			35	45	60								
	8	OH Conductors			50	60	75	1835	Overhead Conductors and Devices	25	4%	50	2%	No	No
	9	OH Transformers & Voltage Regulators			30	40	60	1850	Line Transformers	25	4%	40	3%	No	No
	10	OH Shunt Capacitor Banks			25	30	40								
	11	Reclosers			25	40	55								
TS & MS	12	Power Transformers	Overall		30	45	60								
			Bushing		10	20	30								
			Tap Changer		20	30	60								
	13	Station Service Transformer			30	45	55								
	14	Station Grounding Transformer			30	40	40								
	15	Station DC System	Overall		10	20	30								
			Battery Bank		10	15	15								
			Charger		20	20	30								
	16	Station Metal Clad Switchgear	Overall		30	40	60								
			Removable Breaker		25	40	60								
	17	Station Independent Breakers			35	45	65								
	18	Station Switch			30	50	60								
	19	Electromechanical Relays			25	35	50								
	20	Solid State Relays			10	30	45								
	21	Digital & Numeric Relays			15	20	20								
	22	Rigid Busbars			30	55	60								
	23	Steel Structure			35	50	90								
UG	24	Primary Paper Insulated Lead Covered (PILC) Cables			60	65	75								
	25	Primary Ethylene-Propylene Rubber (EPR) Cables			20	25	25								
	26	Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried			20	25	30								
	27	Primary Non-TR XLPE Cables in Duct			20	25	30								
	30	Secondary PILC Cables			70	75	80								
	31	Secondary Cables Direct Buried			25	35	40	1845	Underground Conductors and Devices	25	4%	30	3%	No	No
	32	Secondary Cables in Duct			35	40	60								
	33	Network Tranformers	Overall		20	35	50								
			Protector		20	35	40								
	34	Pad-Mounted Transformers			25	40	45	1850	Line Transformers	25	4%	40	3%	No	No
	35	Submersible/Vault Transformers			25	35	45								
	36	UG Foundation			35	55	70								
	37	UG Vaults	Overall		40	60	80								
			Roof		20	30	45								
	38	UG Vault Switches			20	35	50								
	39	Pad-Mounted Switchgear			20	30	45								
	40	Ducts			30	50	85	1840	Underground Conduit	25	4%	40	3%	No	No
	41	Concrete Encased Duct Banks			35	55	80								
	42	Cable Chambers			50	60	80								
S	43	Remote SCADA			15	20	30								

Table F-2 from Kinetics Report[1]

	Asset Details		Useful Life Range		USoA Account Number	USoA Account Description	Current		Proposed		Outside Range of Min, Max TUL?	
#	Category| Component | Type						Years	Rate	Years	Rate	Below Min Range	Above Max Range
1	Office Equipment		5	15	1915	Office Furniture and Equipment	10	10%	10	10%	No	No
2	Vehicles	Trucks & Buckets	5	15	1930	Transportation Equipment	8	13%	10	10%	No	No
		Trailers	5	20	1930	Transportation Equipment	5	20%	7	14%	No	No
		Vans	5	10	1930	Transportation Equipment	5	20%	7	14%	No	No
3	Administrative Buildings		50	75	1908	Buildings and Fixtures	25	4%	50	2%	No	No
4	Leasehold Improvements		Lease dependent									
5	Station Buildings	Station Buildings	50	75								
		Parking	25	30								
		Fence	25	60								
		Roof	20	30								
6	Computer Equipment	Hardware	3	5	1920	Computer Equipment - Hardware	5	20%	5	20%	No	No
		Software	2	5	1611	Computer Software	5	20%	5	20%	No	No
7	Equipment	Power Operated	5	10								
		Stores	5	10	1935	Stores Equipment	10	10%	10	10%	No	No
		Tools, Shop, Garage Equipment	5	10	1940	Tools, Shop and Garage Equipment	10	10%	10	10%	No	No
		Measurement & Testing Equipment	5	10	1945	Power Measurement & Test Equip	10	10%	10	10%	No	No
8	Communication	Towers	60	70								
		Wireless	2	10	1955	Communication Equipment	10	10%	10	10%	No	No
9	Residential Energy Meters		25	35								
10	Industrial/Commercial Energy Meters		25	35	1860	Meters	25	4%	25	4%	No	No
11	Wholesale Energy Meters		15	30	1860	Meters	25	4%	25	4%	No	No
12	Current & Potential Transformer (CT & PT)		35	50								
13	Smart Meters		5	15	1860	Meters	25	4%	15	7%	No	No
14	Repeaters - Smart Metering		10	15								
15	Data Collectors - Smart Metering		15	20								

*** TS & MS = Transformer and Municipal Stations UG = Underground Systems S = Monitoring and Control Systems**

Note 1: Tables F-1 and F-2 above are to be used as a reference in order to complete columns J, K, L and N.
See pages 17-19 of Kinetrics Report

Attachment 4-M

Depreciation & Amortization Expense

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2013	CGAAP
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096		$ 415,096			$ -	$ 66,055	2.67	37.45%	5	20.00%	$ 155,467	$ -	$ 6,605	$ 162,072	$ 84,022	-$ 78,050
1612	Land Rights (Formally known as Account 1906)	$ 105,692		$ 105,692			$ -	$ 60,262	46.50	2.15%	50	2.00%	$ 2,273	$ -	$ 603	$ 2,876	$ 2,902	$ 27
1805	Land	$ 47,899		$ 47,899			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461		$ 82,461			$ -	$ 1,572	21.00	4.76%	25	4.00%	$ 3,927	$ -	$ 31	$ 3,958	$ 4,594	$ 636
1825	Storage Battery Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962		$ 5,420,962			$ -	$ 427,090	20.08	4.98%	25	4.00%	$ 269,968	$ -	$ 8,542	$ 278,510	$ 219,433	-$ 59,077
1835	Overhead Conductors & Devices	$ 3,471,065		$ 3,471,065			$ -	$ 542,962	17.00	5.88%	25	4.00%	$ 204,180	$ -	$ 10,859	$ 215,040	$ 276,494	$ 61,454
1840	Underground Conduit	$ 8,282,816		$ 8,282,816			$ -	$ 914,367	19.08	5.24%	25	4.00%	$ 434,110	$ -	$ 18,287	$ 452,397	$ 346,792	-$ 105,606
1845	Underground Conductors & Devices	$ 7,075,569		$ 7,075,569			$ -	$ 1,015,489	18.00	5.56%	25	4.00%	$ 393,087	$ -	$ 20,310	$ 413,397	$ 480,111	$ 66,714
1850	Line Transformers	$ 10,116,755		$ 10,116,755			$ -	$ 1,487,986	20.00	5.00%	25	4.00%	$ 505,838	$ -	$ 29,760	$ 535,597	$ 635,746	$ 100,148
1855	Services (Overhead)	$ 1,066,258		$ 1,066,258			$ -	$ 307,890	18.00	5.56%	25	4.00%	$ 59,237	$ -	$ 6,158	$ 65,394	$ 60,875	-$ 4,520
1855	Services (Underground)	$ 4,734,149		$ 4,734,149			$ -	$ 620,242	19.08		25		$ 248,121	$ -	$ 12,405	$ 260,526	$ 291,278	$ 30,752
1860	Meters	$ 3,293,757		$ 3,293,757			$ -	$ 156,556	19.00	5.26%	25	4.00%	$ 173,356	$ -	$ 3,131	$ 176,487	$ 274,103	$ 97,616
1860	Meters (Smart Meters)	$ 554,186		$ 554,186			$ -	$ 37,316	24.50	4.08%	25	4.00%	$ 22,620	$ -	$ 746	$ 23,366	$ 31,148	$ 7,782
1905	Land	$ 190,119		$ 190,119			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376		$ 2,015,376			$ -	$ 27,401	22.00	4.55%	25	4.00%	$ 91,608	$ -	$ 548	$ 92,156	$ 94,562	$ 2,406
1910	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266		$ 74,266			$ -	$ 8,365	5.00	20.00%	5	20.00%	$ 14,853	$ -	$ 837	$ 15,690	$ 17,562	$ 1,872
1915	Office Furniture & Equipment (5 years)	$ -		$ -			$ -			0.00%	10	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650		$ 134,650			$ -	$ 18,106	3.50	28.57%	5	20.00%	$ 38,471	$ -	$ 1,811	$ 40,282	$ 50,350	$ 10,068
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171		$ 1,043,171			$ -	$ 382,064	8.80	11.36%	8	12.50%	$ 118,542	$ -	$ 23,879	$ 142,421	$ 273,213	$ 130,792
1935	Stores Equipment	$ 17,416		$ 17,416			$ -		7.85	12.74%	10	10.00%	$ 2,219	$ -	$ -	$ 2,219	$ 3,708	$ 1,489
1940	Tools, Shop & Garage Equipment	$ 204,435		$ 204,435			$ -	$ 54,159	7.33	13.64%	10	10.00%	$ 27,890	$ -	$ 2,708	$ 30,598	$ 33,574	$ 2,976
1945	Measurement & Testing Equipment	$ 39,772		$ 39,772			$ -		6.25	16.00%	10	10.00%	$ 6,363	$ -	$ -	$ 6,363	$ 6,399	$ 35
1950	Power Operated Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481		$ 112,481			$ -	$ 4,947	6.12	16.34%	10	10.00%	$ 18,379	$ -	$ 247	$ 18,627	$ 21,372	$ 2,745
1955	Communication Equipment (Smart Meters)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613		-$ 11,862,613			$ -	-$ 2,191,898	20.00	5.00%	25	4.00%	-$ 593,131	$ -	-$ 43,838	-$ 636,969	-$ 360,377	$ 276,592
	Total	**$ 36,635,738**	**$ -**	**$ 36,635,738**	**$ -**	**$ -**	**$ -**	**$ 3,940,933**					**$ 2,197,378**	**$ -**	**$ 103,629**	**$ 2,301,007**	**$ 2,847,858**	**$ 546,850**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

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Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2013	Revised CGAAP
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096		$ 415,096			$ -	$ 66,055	2.67	37.45%	5.00	20.00%	$ 155,467	$ -	$ 6,605	$ 162,072	$ 342,040	$ 179,967
1612	Land Rights (Formally known as Account 1906)	$ 105,692		$ 105,692			$ -	$ 60,262	44.00	2.27%	50.00	2.00%	$ 2,402	$ -	$ 603	$ 3,005	$ 2,930	-$ 75
1805	Land	$ 47,899		$ 47,899			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461		$ 82,461			$ -	$ 1,432	21.80	4.59%	25.00	4.00%	$ 3,783	$ -	$ 29	$ 3,811	$ 4,002	$ 191
1825	Storage Battery Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures	$ 5,420,962		$ 5,420,962			$ -	$ 388,994	45.50	2.20%	50.00	2.00%	$ 119,142	$ -	$ 3,890	$ 123,032	$ 148,490	$ 25,458
1835	Overhead Conductors & Devices	$ 3,471,065		$ 3,471,065			$ -	$ 494,530	44.00	2.27%	50.00	2.00%	$ 78,888	$ -	$ 4,945	$ 83,833	$ 95,859	$ 12,026
1840	Underground Conduit	$ 8,282,816		$ 8,282,816			$ -	$ 832,806	34.00	2.94%	40.00	2.50%	$ 243,612	$ -	$ 10,410	$ 254,022	$ 199,739	-$ 54,283
1845	Underground Conductors & Devices	$ 7,075,569		$ 7,075,569			$ -	$ 924,907	24.00	4.17%	30.00	3.33%	$ 294,815	$ -	$ 15,415	$ 310,230	$ 229,618	-$ 80,612
1850	Line Transformers	$ 10,116,755		$ 10,116,755			$ -	$ 1,355,258	34.00	2.94%	40.00	2.50%	$ 297,552	$ -	$ 16,941	$ 314,492	$ 326,072	$ 11,579
1855	Services (Overhead)	$ 1,066,258		$ 1,066,258			$ -	$ 279,903	44.00	2.27%	50.00	2.00%	$ 24,233	$ -	$ 2,799	$ 27,032	$ 28,434	$ 1,402
1855	Services (Underground)	$ 4,734,149		$ 4,734,149			$ -	$ 565,440	34.00	2.94%	40.00	2.50%	$ 139,240	$ -	$ 7,068	$ 146,308	$ 116,093	-$ 30,215
1860	Meters	$ 3,293,757		$ 3,293,757			$ -	$ 150,060	20.00	5.00%	25.00	4.00%	$ 164,688	$ -	$ 3,001	$ 167,689	$ 167,575	-$ 114
1860	Meters (Smart Meters)	$ 554,186		$ 554,186			$ -	$ 24,347	14.50	6.90%	15.00	6.67%	$ 38,220	$ -	$ 812	$ 39,031	$ 31,148	-$ 7,883
1905	Land	$ 190,119		$ 190,119			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376		$ 2,015,376			$ -	$ 27,401	47.50	2.11%	50.00	2.00%	$ 42,429	$ -	$ 274	$ 42,703	$ 42,858	$ 155
1910	Leasehold Improvements	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266		$ 74,266			$ -	$ 8,365	6.60	15.15%	10.00	10.00%	$ 11,252	$ -	$ 418	$ 11,671	$ 16,755	$ 5,085
1915	Office Furniture & Equipment (5 years)	$ -		$ -			$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650		$ 134,650			$ -	$ 18,106	2.50	40.00%	5.00	20.00%	$ 53,860	$ -	$ 1,811	$ 55,670	$ 141,384	$ 85,714
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171		$ 1,043,171			$ -	$ 382,064	13.00	7.69%	10.00	10.00%	$ 80,244	$ -	$ 19,103	$ 99,347	$ 157,920	$ 58,573
1935	Stores Equipment	$ 17,416		$ 17,416			$ -		8.00	12.50%	10.00	10.00%	$ 2,177	$ -	$ -	$ 2,177	$ 3,670	$ 1,493
1940	Tools, Shop & Garage Equipment	$ 204,435		$ 204,435			$ -	$ 54,159	7.60	13.16%	10.00	10.00%	$ 26,899	$ -	$ 2,708	$ 29,607	$ 58,184	$ 28,577
1945	Measurement & Testing Equipment	$ 39,772		$ 39,772			$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -	$ 11,669	$ 11,669
1950	Power Operated Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1955	Communications Equipment	$ 112,481		$ 112,481			$ -	$ 4,947	5.00	20.00%	10.00	10.00%	$ 22,496	$ -	$ 247	$ 22,744	$ 59,435	$ 36,691
1955	Communication Equipment (Smart Meters)	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -		$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613		-$ 11,862,613			$ -	-$ 2,191,898	33.50	2.99%	40.00	2.50%	-$ 354,108	$ -	$ 27,399	-$ 381,507	-$ 278,492	$ 103,015
	Total	$ 36,635,738	$ -	$ 36,635,738	$ -	$ -	$ -	$ 3,447,138					$ 1,447,291	$ -	$ 69,680	$ 1,516,971	$ 1,905,383	$ 388,412

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.
A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

3

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2014	Revised CGAAP
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 155,466.71	$ 259,629	$ 66,055		$ 66,055	$ 74,868	2.67	37.45%	5.00	20.00%	$ 97,239	$ 13,211	$ 7,487	$ 117,937	$ 75,831	-$ 42,106
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 2,402.08	$ 103,290	$ 60,262		$ 60,262	$ 15,071	43.00	2.33%	50.00	2.00%	$ 2,402	$ 1,205	$ 151	$ 3,758	$ 3,679	-$ 79
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 3,782.59	$ 78,678	$ 1,432		$ 1,432		20.80	4.81%	25.00	4.00%	$ 3,783	$ 57	$ -	$ 3,840	$ 3,599	-$ 240
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 119,142.02	$ 5,301,820	$ 388,994		$ 388,994	$ 490,624	44.50	2.25%	50.00	2.00%	$ 119,142	$ 7,780	$ 4,906	$ 131,828	$ 129,121	-$ 2,707
1835	Overhead Conductors & Devices	$ 3,471,065	$ 78,887.84	$ 3,392,177	$ 494,530		$ 494,530	$ 431,488	43.00	2.33%	50.00	2.00%	$ 78,888	$ 9,891	$ 4,315	$ 93,093	$ 73,359	-$ 19,734
1840	Underground Conduit	$ 8,282,816	$ 243,612.24	$ 8,039,204	$ 832,806		$ 832,806	$ 1,250,716	33.00	3.03%	40.00	2.50%	$ 243,612	$ 20,820	$ 15,634	$ 280,066	$ 122,833	-$ 157,234
1845	Underground Conductors & Devices	$ 7,075,569	$ 294,815.36	$ 6,780,753	$ 924,907		$ 924,907	$ 839,997	23.00	4.35%	30.00	3.33%	$ 294,815	$ 30,830	$ 14,000	$ 339,646	$ 365,105	$ 25,460
1850	Line Transformers	$ 10,116,755	$ 297,551.62	$ 9,819,203	$ 1,355,258		$ 1,355,258	$ 1,287,293	33.00	3.03%	40.00	2.50%	$ 297,552	$ 33,881	$ 16,091	$ 347,524	$ 353,494	$ 5,970
1855	Services (Overhead & Underground)	$ 1,066,258	$ 24,233.15	$ 1,042,025	$ 279,903		$ 279,903	$ 274,859	43.00	2.33%	50.00	2.00%	$ 24,233	$ 5,598	$ 2,749	$ 32,580	$ 34,973	$ 2,393
1855	Services (Underground)	$ 4,734,149	$ 139,239.68	$ 4,594,909	$ 565,440		$ 565,440	$ 770,067	33.00	3.03%	40.00	2.50%	$ 139,240	$ 14,136	$ 9,626	$ 163,002	$ 131,827	-$ 31,175
1860	Meters	$ 3,293,757	$ 164,687.86	$ 3,129,069	$ 150,060		$ 150,060	$ 68,368	19.00	5.26%	25.00	4.00%	$ 164,688	$ 6,002	$ 1,367	$ 172,058	$ 178,821	$ 6,763
1860	Meters (Smart Meters)	$ 554,186	$ 38,219.73	$ 515,966	$ 24,347		$ 24,347	$ 26,539	13.50	7.41%	15.00	6.67%	$ 38,220	$ 1,623	$ 885	$ 40,728	$ 23,884	-$ 16,844
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 42,428.97	$ 1,972,947	$ 27,401		$ 27,401		46.50	2.15%	50.00	2.00%	$ 42,429	$ 548	$ -	$ 42,977	$ 27,100	-$ 15,877
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 11,252.46	$ 63,014	$ 8,365		$ 8,365	$ 1,499	5.60	17.86%	10.00	10.00%	$ 11,252	$ 837	$ 75	$ 12,164	$ 17,979	$ 5,816
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 53,859.81	$ 80,790	$ 18,106		$ 18,106	$ 43,348	1.50	66.67%	5.00	20.00%	$ 53,860	$ 3,621	$ 4,335	$ 61,816	$ 4,346	-$ 57,470
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 80,243.92	$ 962,927	$ 382,064		$ 382,064	$ 425,100	12.00	8.33%	10.00	10.00%	$ 80,244	$ 38,206	$ 21,255	$ 139,705	$ 146,305	$ 6,599
1935	Stores Equipment	$ 17,416	$ 2,177.04	$ 15,239	$ -		$ -		7.00	14.29%	10.00	10.00%	$ 2,177	$ -	$ -	$ 2,177	$ 2,673	$ 496
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 26,899.30	$ 177,535	$ 54,159		$ 54,159	$ 78,333	6.60	15.15%	10.00	10.00%	$ 26,899	$ 5,416	$ 3,917	$ 36,232	$ 63,233	$ 27,002
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -	$ 11,235	$ 11,235
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 22,496.19	$ 89,985	$ 4,947		$ 4,947		4.00	25.00%	10.00	10.00%	$ 22,496	$ 495	$ -	$ 22,991	$ 43,937	$ 20,946
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	$ 11,862,613	$ 354,107.85	$ 11,508,505	$ 2,191,898		$ 2,191,898	$ 1,122,171	32.50	3.08%	40.00	2.50%	-$ 354,108	-$ 54,797	-$ 14,027	-$ 422,932	-$ 247,371	$ 175,561
	Total	**$ 36,635,738**	**$ 1,447,291**	**$ 35,188,447**	**$ 3,447,138**	**$ -**	**$ 3,447,138**	**$ 4,955,998**					**$ 1,389,063**	**$ 139,361**	**$ 92,764**	**$ 1,621,189**	**$ 1,565,965**	**-$ 55,224**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

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Date:	August 28th, 2017

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2015	MIFRS
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 252,706	$ 162,390	$ 140,923		$ 140,923	$ 17,043	2.50	40.00%	5.00	20.00%	$ 64,956	$ 28,185	$ 1,704	$ 94,845	$ 75,579	-$ 19,266
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 4,804	$ 100,887	$ 75,333		$ 75,333	$ 14,661	42.00	2.38%	50.00	2.00%	$ 2,402	$ 1,507	$ 147	$ 4,055	$ 3,983	-$ 72
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 7,565	$ 74,895	$ 1,432	$ 1,432	-$ 0		19.80	5.05%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783	$ -	-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 238,284	$ 5,182,678	$ 879,618		$ 879,618	$ 934,800	43.50	2.30%	50.00	2.00%	$ 119,142	$ 17,592	$ 9,348	$ 146,082	$ 133,666	-$ 12,416
1835	Overhead Conductors & Devices	$ 3,471,065	$ 157,776	$ 3,313,289	$ 926,017		$ 926,017	$ 990,160	42.00	2.38%	50.00	2.00%	$ 78,888	$ 18,520	$ 9,902	$ 107,310	$ 73,557	-$ 33,753
1840	Underground Conduit	$ 8,282,816	$ 487,224	$ 7,795,592	$ 2,083,521		$ 2,083,521	$ 279,301	32.00	3.13%	40.00	2.50%	$ 243,612	$ 52,088	$ 3,491	$ 299,192	$ 226,513	-$ 72,679
1845	Underground Conductors & Devices	$ 7,075,569	$ 575,441	$ 6,500,128	$ 1,764,904		$ 1,764,904	$ 584,507	22.00	4.55%	30.00	3.33%	$ 295,460	$ 58,830	$ 9,742	$ 364,032	$ 287,646	-$ 76,386
1850	Line Transformers	$ 10,116,755	$ 595,103	$ 9,521,652	$ 2,642,551		$ 2,642,551	$ 923,100	32.00	3.13%	40.00	2.50%	$ 297,552	$ 66,064	$ 11,539	$ 375,154	$ 287,574	-$ 87,580
1855	Services (Overhead)	$ 1,066,258	$ 48,466	$ 1,017,792	$ 554,762		$ 554,762	$ 197,869	42.00	2.38%	50.00	2.00%	$ 24,233	$ 11,095	$ 1,979	$ 37,307	$ 28,760	-$ 8,547
1855	Services (Underground)	$ 4,734,149	$ 278,479	$ 4,455,670	$ 1,335,508		$ 1,335,508	$ 864,431	32.00	3.13%	40.00	2.50%	$ 139,240	$ 33,388	$ 10,805	$ 183,433	$ 129,512	-$ 53,921
1860	Meters	$ 3,293,757	$ 329,376	$ 2,964,381	$ 218,427		$ 218,427	$ 241,104	18.00	5.56%	25.00	4.00%	$ 164,688	$ 8,737	$ 4,822	$ 178,247	$ 139,296	-$ 38,951
1860	Meters (Smart Meters)	$ 554,186	$ 76,439	$ 477,747	$ 50,886		$ 50,886	$ 3,196,304	12.50	8.00%	15.00	6.67%	$ 38,220	$ 3,392	$ 106,543	$ 148,156	$ 244,350	$ 96,194
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 84,858	$ 1,930,518	$ 27,401		$ 27,401	$ 48,914	45.50	2.20%	50.00	2.00%	$ 42,429	$ 548	$ 489	$ 43,466	$ 41,157	-$ 2,309
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 22,505	$ 51,761	$ 9,864		$ 9,864	$ 5,980	4.60	21.74%	10.00	10.00%	$ 11,252	$ 986	$ 299	$ 12,538	$ 8,342	-$ 4,196
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 107,720	$ 26,930	$ 61,454		$ 61,454	$ 3,875	0.50	200.00%	5.00	20.00%	$ 53,860	$ 12,291	$ 388	$ 66,538	$ 35,385	-$ 31,153
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 160,488	$ 882,683	$ 807,164		$ 807,164	$ 402,157	11.00	9.09%	10.00	10.00%	$ 80,244	$ 80,716	$ 20,108	$ 181,068	$ 189,589	$ 8,521
1935	Stores Equipment	$ 17,416	$ 4,354	$ 13,062	$ -		$ -	$ 17	6.00	16.67%	10.00	10.00%	$ 2,177	$ -	$ 1	$ 2,178	$ 2,198	$ 20
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 53,799	$ 150,636	$ 132,492		$ 132,492	$ 56,539	5.60	17.86%	10.00	10.00%	$ 26,899	$ 13,249	$ 2,827	$ 42,975	$ 42,042	-$ 933
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -	$ 6,269	$ 6,269
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 44,992	$ 67,489	$ 4,947		$ 4,947	$ 12,943	3.00	33.33%	10.00	10.00%	$ 22,496	$ 495	$ 647	$ 23,638	$ 29,553	$ 5,915
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 708,216	-$ 11,154,397	-$ 3,314,069		-$ 3,314,069	-$ 1,448,183	31.50	3.17%	40.00	2.50%	-$ 354,108	-$ 82,852	-$ 18,102	-$ 455,062	-$ 552,530	-$ 97,468
	Total	**$ 36,635,738**	**$ 2,822,164**	**$ 33,813,573**	**$ 8,403,136**	**$ 1,432**	**$ 8,401,704**	**$ 7,325,523**					**$ 1,357,425**	**$ 324,832**	**$ 176,678**	**$ 1,858,935**	**$ 1,432,441**	**-$ 426,495**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.
A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

3

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

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Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2016	MIFRS
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]	Less Fully Depreciated [7]	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change [2]	Less Fully Depreciated [8]	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change [3]	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change [4]	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions [5]	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance [6]
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 317,662	$ 97,434	$ 157,966		$ 157,966	$ 5,217	2.50	40.00%	5.00	20.00%	$ 38,974	$ 31,593	$ 522	$ 71,088	$ 63,196	-$ 7,892
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 7,206	$ 98,485	$ 89,994		$ 89,994	$ 2,644	41.00	2.44%	50.00	2.00%	$ 2,402	$ 1,800	$ 26	$ 4,228	$ 4,114	-$ 114
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 11,348	$ 71,113	-$ 0		-$ 0		18.80	5.32%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783		-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 357,426	$ 5,063,536	$ 1,814,418		$ 1,814,418	$ 598,652	42.50	2.35%	50.00	2.00%	$ 119,142	$ 36,288	$ 5,987	$ 161,417	$ 148,824	-$ 12,593
1835	Overhead Conductors & Devices	$ 3,471,065	$ 236,664	$ 3,234,402	$ 1,916,177		$ 1,916,177	$ 956,400	41.00	2.44%	50.00	2.00%	$ 78,888	$ 38,324	$ 9,564	$ 126,775	$ 89,922	-$ 36,853
1840	Underground Conduit	$ 8,282,816	$ 730,837	$ 7,551,979	$ 2,362,822		$ 2,362,822	$ 213,140	31.00	3.23%	40.00	2.50%	$ 243,612	$ 59,071	$ 2,664	$ 305,347	$ 232,711	-$ 72,636
1845	Underground Conductors & Devices	$ 7,075,569	$ 870,901	$ 6,204,668	$ 2,349,411		$ 2,349,411	$ 577,705	21.00	4.76%	30.00	3.33%	$ 295,460	$ 78,314	$ 9,628	$ 383,402	$ 293,497	-$ 89,905
1850	Line Transformers	$ 10,116,755	$ 892,655	$ 9,224,100	$ 3,565,651		$ 3,565,651	$ 774,929	31.00	3.23%	40.00	2.50%	$ 297,552	$ 89,141	$ 9,687	$ 396,380	$ 334,035	-$ 62,345
1855	Services (Overhead)	$ 1,066,258	$ 72,699	$ 993,559	$ 752,631		$ 752,631	$ 227,956	41.00	2.44%	50.00	2.00%	$ 24,233	$ 15,053	$ 2,280	$ 41,565	$ 22,691	-$ 18,874
1855	Services (Underground)	$ 4,734,149	$ 417,719	$ 4,316,430	$ 2,199,939		$ 2,199,939	$ 665,323	31.00	3.23%	40.00	2.50%	$ 139,240	$ 54,998	$ 8,317	$ 202,555	$ 155,919	-$ 46,636
1860	Meters	$ 3,293,757	$ 494,064	$ 2,799,694	$ 459,531		$ 459,531	$ 411,948	17.00	5.88%	25.00	4.00%	$ 164,688	$ 18,381	$ 8,239	$ 191,308	$ 96,476	-$ 94,832
1860	Meters (Smart Meters)	$ 554,186	$ 114,659	$ 439,527	$ 3,247,190		$ 3,247,190	$ 66,961	11.50	8.70%	15.00	6.67%	$ 38,220	$ 216,479	$ 2,232	$ 256,931	$ 278,118	$ 21,187
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 127,287	$ 1,888,089	$ 76,315		$ 76,315	$ 42,469	44.50	2.25%	50.00	2.00%	$ 42,429	$ 1,526	$ 425	$ 44,380	$ 42,169	-$ 2,211
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 33,757	$ 40,509	$ 15,844		$ 15,844	$ 20,672	3.60	27.78%	10.00	10.00%	$ 11,252	$ 1,584	$ 1,034	$ 13,870	$ 9,697	-$ 4,173
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 161,579	-$ 26,930	$ 65,329		$ 65,329	$ 117,329		0.00%	5.00	20.00%	$ -	$ 13,066	$ 11,733	$ 24,799	$ 11,815	-$ 12,984
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 240,732	$ 802,439	$ 1,209,321		$ 1,209,321	$ 136,662	10.00	10.00%	10.00	10.00%	$ 80,244	$ 120,932	$ 6,833	$ 208,009	$ 213,884	$ 5,875
1935	Stores Equipment	$ 17,416	$ 6,531	$ 10,885	$ 17		$ 17	$ 10,275	5.00	20.00%	10.00	10.00%	$ 2,177	$ 2	$ 514	$ 2,692	$ 2,701	$ 9
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 80,698	$ 123,737	$ 189,031		$ 189,031	$ 45,830	4.60	21.74%	10.00	10.00%	$ 26,899	$ 18,903	$ 2,292	$ 48,094	$ 46,828	-$ 1,266
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ -		$ -	$ 6,260		0.00%	10.00	10.00%	$ -	$ -	$ 313	$ 313	$ 6,599	$ 6,286
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 67,489	$ 44,992	$ 17,890		$ 17,890		2.00	50.00%	10.00	10.00%	$ 22,496	$ 1,789	$ -	$ 24,285	$ 29,874	$ 5,589
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 1,062,324	-$ 10,800,289	-$ 4,762,252		-$ 4,762,252	-$ 931,021	30.50	3.28%	40.00	2.50%	-$ 354,108	-$ 119,056	-$ 11,638	-$ 484,802	-$ 589,771	-$ 104,969
	Total	**$ 36,635,738**	**$ 4,179,589**	**$ 32,456,148**	**$ 15,727,226**	**$ -**	**$ 15,727,226**	**$ 3,949,352**					**$ 1,277,583**	**$ 678,188**	**$ 70,650**	**$ 2,026,421**	**$ 1,493,299**	**-$ 533,122**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

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Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2017	MIFRS
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	**Description**	**Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]**	**Less Fully Depreciated [7]**	**Net Amount of Existing Assets Before Policy Change to be Depreciated**	**Opening Gross Book Value of Assets Acquired After Policy Change [2]**	**Less Fully Depreciated [8]**	**Net Amount of Assets Acquired After Policy Change to be Depreciated**	**Current Year Additions**	**Average Remaining Life of Assets Existing Before Policy Change [3]**	**Depreciation Rate Assets Acquired After Policy Change**	**Life of Assets Acquired After Policy Change [4]**	**Depreciation Rate on New Additions**	**Depreciation Expense on Assets Existing Before Policy Change**	**Depreciation Expense on Assets Acquired After Policy Change**	**Depreciation Expense on Current Year Additions [5]**	**Total Current Year Depreciation Expense**	**Depreciation Expense per Appendix 2-BA Fixed Assets, Column J**	**Variance [6]**
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 356,636	$ 58,460	$ 163,183		$ 163,183	$ 254,500	1.00	100.00%	5.00	20.00%	$ 58,460	$ 32,637	$ 25,450	$ 116,547	$ 81,624	-$ 34,923
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 9,608	$ 96,083	$ 92,638		$ 92,638	$ 42,192	40.00	2.50%	50.00	2.00%	$ 2,402	$ 1,853	$ 422	$ 4,677	$ 4,604	-$ 73
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 15,130	$ 67,330	-$ 0		-$ 0		17.80	5.62%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783		-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 476,568	$ 4,944,394	$ 2,413,070		$ 2,413,070	$ 932,338	41.50	2.41%	50.00	2.00%	$ 119,142	$ 48,261	$ 9,323	$ 176,727	$ 163,794	-$ 12,933
1835	Overhead Conductors & Devices	$ 3,471,065	$ 315,551	$ 3,155,514	$ 2,872,577		$ 2,872,577	$ 541,648	40.00	2.50%	50.00	2.00%	$ 78,888	$ 57,452	$ 5,416	$ 141,756	$ 104,679	-$ 37,077
1840	Underground Conduit	$ 8,282,816	$ 974,449	$ 7,308,367	$ 2,575,962		$ 2,575,962	$ 734,410	30.00	3.33%	40.00	2.50%	$ 243,612	$ 64,399	$ 9,180	$ 317,191	$ 243,945	-$ 73,246
1845	Underground Conductors & Devices	$ 7,075,569	$ 1,166,361	$ 5,909,207	$ 2,927,116		$ 2,927,116	$ 788,211	20.00	5.00%	30.00	3.33%	$ 295,460	$ 97,571	$ 13,137	$ 406,168	$ 314,089	-$ 92,079
1850	Line Transformers	$ 10,116,755	$ 1,190,206	$ 8,926,549	$ 4,340,580		$ 4,340,580	$ 1,025,570	30.00	3.33%	40.00	2.50%	$ 297,552	$ 108,514	$ 12,820	$ 418,886	$ 322,980	-$ 95,906
1855	Services (Overhead & Underground)	$ 1,066,258	$ 96,933	$ 969,326	$ 980,588		$ 980,588	$ 205,679	40.00	2.50%	50.00	2.00%	$ 24,233	$ 19,612	$ 2,057	$ 45,902	$ 22,691	-$ 23,211
1855	Services (Underground)	$ 4,734,149	$ 556,959	$ 4,177,190	$ 2,865,262		$ 2,865,262	$ 617,036	30.00	3.33%	40.00	2.50%	$ 139,240	$ 71,632	$ 7,713	$ 218,584	$ 174,345	-$ 44,239
1860	Meters	$ 3,293,757	$ 658,751	$ 2,635,006	$ 871,479		$ 871,479	$ 266,932	16.00	6.25%	25.00	4.00%	$ 164,688	$ 34,859	$ 5,339	$ 204,886	$ 106,260	-$ 98,626
1860	Meters (Smart Meters)	$ 554,186	$ 152,879	$ 401,307	$ 3,314,151		$ 3,314,151		10.50	9.52%	15.00	6.67%	$ 38,220	$ 220,943	$ -	$ 259,163	$ 278,118	$ 18,955
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 45,350	$ 45,350
1908	Buildings & Fixtures	$ 2,015,376	$ 169,716	$ 1,845,660	$ 118,784		$ 118,784	$ 286,800	43.50	2.30%	50.00	2.00%	$ 42,429	$ 2,376	$ 2,868	$ 47,673		-$ 47,673
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -		-	0.00%	-	0.00%	$ -	$ -	$ -	$ -	$ 11,209	$ 11,209
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 45,010	$ 29,256	$ 36,516		$ 36,516	$ 10,000	2.60	38.46%	10.00	10.00%	$ 11,252	$ 3,652	$ 500	$ 15,404		-$ 15,404
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 161,579	-$ 26,930	$ 182,658		$ 182,658	$ 356,150		0.00%	5.00	20.00%	$ -	$ 36,532	$ 35,615	$ 72,147	$ 73,917	$ 1,770
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 320,976	$ 722,195	$ 1,345,983		$ 1,345,983	$ 487,000	9.00	11.11%	10.00	10.00%	$ 80,244	$ 134,598	$ 24,350	$ 239,192	$ 211,990	-$ 27,202
1935	Stores Equipment	$ 17,416	$ 8,708	$ 8,708	$ 10,292		$ 10,292	$ 50,000	4.00	25.00%	10.00	10.00%	$ 2,177	$ 1,029	$ 2,500	$ 5,706	$ 5,708	$ 2
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 107,597	$ 96,837	$ 234,861		$ 234,861	$ 60,000	3.60	27.78%	10.00	10.00%	$ 26,899	$ 23,486	$ 3,000	$ 53,385	$ 52,011	-$ 1,374
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ 6,260		$ 6,260			0.00%	10.00	10.00%	$ -	$ 626	$ -	$ 626	$ 6,895	$ 6,269
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 89,985	$ 22,496	$ 17,890		$ 17,890		1.00	100.00%	10.00	10.00%	$ 22,496	$ 1,789	$ -	$ 24,285	$ 15,040	-$ 9,245
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 1,416,431	-$ 10,446,182	-$ 5,693,273		-$ 5,693,273	-$ 1,224,757	29.50	3.39%	40.00	2.50%	-$ 354,108	-$ 142,332	-$ 15,309	-$ 511,749	-$ 367,800	$ 143,949
	Total	**$ 36,635,738**	**$ 5,457,172**	**$ 31,178,566**	**$ 19,676,578**	**$ -**	**$ 19,676,578**	**$ 5,433,708**					**$ 1,297,070**	**$ 819,488**	**$ 144,380**	**$ 2,260,938**	**$ 1,871,449**	**-$ 389,489**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.
A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

3

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

File Number:	EB-2017-0039
Exhibit:	4
Tab:	4-M
Page:	7 of 7
Date:	August 28th, 2017

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012. ☐	This appendix must be duplicated and completed for the years 2012 to 2018. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013. ☑	This appendix must be duplicated and completed for the years 2013 to 2018. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).	2018	MIFRS
Already rebased with depreciation policy changes in a prior rate application ☐	This appendix must be completed for 2014 to 2018. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2018 is to be completed under MIFRS (2014 if changes to MIFRS are material).		

		Book Values							Service Lives				Depreciation Expense					
Account	**Description**	**Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) [1]**	**Less Fully Depreciated [7]**	**Net Amount of Existing Assets Before Policy Change to be Depreciated**	**Opening Gross Book Value of Assets Acquired After Policy Change [2]**	**Less Fully Depreciated [8]**	**Net Amount of Assets Acquired After Policy Change to be Depreciated**	**Current Year Additions**	**Average Remaining Life of Assets Existing Before Policy Change [3]**	**Depreciation Rate Assets Acquired After Policy Change**	**Life of Assets Acquired After Policy Change [4]**	**Depreciation Rate on New Additions**	**Depreciation Expense on Assets Existing Before Policy Change**	**Depreciation Expense on Assets Acquired After Policy Change**	**Depreciation Expense on Current Year Additions [5]**	**Total Current Year Depreciation Expense**	**Depreciation Expense per Appendix 2-BA Fixed Assets, Column J**	**Variance [6]**
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)	$ 415,096	$ 415,096	$ -	$ 417,683		$ 417,683	$ 115,000		0.00%	5.00	20.00%	$ -	$ 83,537	$ 11,500	$ 95,037	$ 103,175	$ 8,138
1612	Land Rights (Formally known as Account 1906)	$ 105,692	$ 12,010	$ 93,681	$ 134,830		$ 134,830	$ 48,941	39.00	2.56%	50.00	2.00%	$ 2,402	$ 2,697	$ 489	$ 5,588	$ 5,515	-$ 73
1805	Land	$ 47,899	$ -	$ 47,899	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1810	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1820	Distribution Station Equipment <50 kV	$ 82,461	$ 18,913	$ 63,548	-$ 0		-$ 0		16.80	5.95%	25.00	4.00%	$ 3,783	-$ 0	$ -	$ 3,783		-$ 3,783
1825	Storage Battery Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures	$ 5,420,962	$ 595,710	$ 4,825,252	$ 3,345,408		$ 3,345,408	$ 432,914	40.50	2.47%	50.00	2.00%	$ 119,142	$ 66,908	$ 4,329	$ 190,379	$ 177,447	-$ 12,932
1835	Overhead Conductors & Devices	$ 3,471,065	$ 394,439	$ 3,076,626	$ 3,414,225		$ 3,414,225	$ 839,476	39.00	2.56%	50.00	2.00%	$ 78,888	$ 68,285	$ 8,395	$ 155,567	$ 118,491	-$ 37,076
1840	Underground Conduit	$ 8,282,816	$ 1,218,061	$ 7,064,755	$ 3,310,372		$ 3,310,372	$ 864,559	29.00	3.45%	40.00	2.50%	$ 243,612	$ 82,759	$ 10,807	$ 337,179	$ 263,932	-$ 73,247
1845	Underground Conductors & Devices	$ 7,075,569	$ 1,461,822	$ 5,613,747	$ 3,715,327		$ 3,715,327	$ 853,466	19.00	5.26%	30.00	3.33%	$ 295,460	$ 123,844	$ 14,224	$ 433,529	$ 341,450	-$ 92,079
1850	Line Transformers	$ 10,116,755	$ 1,487,758	$ 8,628,997	$ 5,366,150		$ 5,366,150	$ 1,040,794	29.00	3.45%	40.00	2.50%	$ 297,552	$ 134,154	$ 13,010	$ 444,715	$ 348,809	-$ 95,906
1855	Services (Overhead)	$ 1,066,258	$ 121,166	$ 945,093	$ 1,186,266		$ 1,186,266	$ 200,093	39.00	2.56%	50.00	2.00%	$ 24,233	$ 23,725	$ 2,001	$ 49,959	$ 22,691	-$ 27,268
1855	Services (Underground)	$ 4,734,149	$ 696,198	$ 4,037,951	$ 3,482,298		$ 3,482,298	$ 600,278	29.00	3.45%	40.00	2.50%	$ 139,240	$ 87,057	$ 7,503	$ 233,801	$ 190,576	-$ 43,225
1860	Meters	$ 3,293,757	$ 823,439	$ 2,470,318	$ 1,138,411		$ 1,138,411	$ 265,671	15.00	6.67%	25.00	4.00%	$ 164,688	$ 45,536	$ 5,313	$ 215,538	$ 124,013	-$ 91,524
1860	Meters (Smart Meters)	$ 554,186	$ 191,099	$ 363,087	$ 3,314,151		$ 3,314,151		9.50	10.53%	15.00	6.67%	$ 38,220	$ 220,943	$ -	$ 259,163	$ 278,118	$ 18,955
1905	Land	$ 190,119	$ -	$ 190,119	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures	$ 2,015,376	$ 212,145	$ 1,803,231	$ 405,584		$ 405,584	$ 370,000	42.50	2.35%	50.00	2.00%	$ 42,429	$ 8,112	$ 3,700	$ 54,241	$ 51,918	-$ 2,323
1910	Leasehold Improvements	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)	$ 74,266	$ 56,262	$ 18,004	$ 46,516		$ 46,516	$ 10,000	1.60	62.50%	10.00	10.00%	$ 11,252	$ 4,652	$ 500	$ 16,404	$ 11,445	-$ 4,959
1915	Office Furniture & Equipment (5 years)	$ -	$ -	$ -	$ -		$ -			0.00%	10.00	10.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware	$ 134,650	$ 161,579	-$ 26,930	$ 538,808		$ 538,808	$ 161,809		0.00%	5.00	20.00%	$ -	$ 107,762	$ 16,181	$ 123,942	$ 121,790	-$ 2,152
1920	Computer Equip.-Hardware(Post Mar. 22/04)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1930	Transportation Equipment	$ 1,043,171	$ 401,220	$ 641,951	$ 1,832,983		$ 1,832,983	$ 270,000	8.00	12.50%	10.00	10.00%	$ 80,244	$ 183,298	$ 13,500	$ 277,042	$ 273,932	-$ 3,110
1935	Stores Equipment	$ 17,416	$ 10,885	$ 6,531	$ 60,292		$ 60,292	$ 50,000	3.00	33.33%	10.00	10.00%	$ 2,177	$ 6,029	$ 2,500	$ 10,706	$ 10,101	-$ 605
1940	Tools, Shop & Garage Equipment	$ 204,435	$ 134,497	$ 69,938	$ 294,861		$ 294,861	$ 60,000	2.60	38.46%	10.00	10.00%	$ 26,899	$ 29,486	$ 3,000	$ 59,385	$ 49,066	-$ 10,319
1945	Measurement & Testing Equipment	$ 39,772	$ -	$ 39,772	$ 6,260		$ 6,260			0.00%	10.00	10.00%	$ -	$ 626	$ -	$ 626	$ 5,458	$ 4,832
1950	Power Operated Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1955	Communications Equipment	$ 112,481	$ 112,481	$ -	$ 17,890		$ 17,890		-	0.00%	10.00	10.00%	$ -	$ 1,789	$ -	$ 1,789	$ 13,332	$ 11,543
1955	Communication Equipment (Smart Meters)	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1970	Load Management Controls Customer Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1985	Miscellaneous Fixed Assets	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property	$ -	$ -	$ -	$ -		$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1995	Contributions & Grants	-$ 11,862,613	-$ 1,770,539	-$ 10,092,074	-$ 6,918,030		-$ 6,918,030	-$ 1,224,757	28.50	3.51%	40.00	2.50%	-$ 354,108	-$ 172,951	-$ 15,309	-$ 542,368	-$ 398,418	$ 143,950
	Total	**$ 36,635,738**	**$ 6,754,242**	**$ 29,881,496**	**$ 25,110,286**	**$ -**	**$ 25,110,286**	**$ 4,958,243**					**$ 1,216,113**	**$ 1,108,248**	**$ 101,644**	**$ 2,426,005**	**$ 2,112,841**	**-$ 313,164**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial Statements.

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utilities change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 Board policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column a (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column d (excel column f) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Attachment 4-N

EPLC Federal & Provincial Income Tax Returns – December 31st, 2016

pwc

Private and Confidential
July 6, 2017

Joe Barile
Essex Powerlines Corporation
2730 Highway 3
Oldcastle ON N0R 1L0

Dear Mr. Barile:

We have prepared tax returns and filing documents for Essex Powerlines Corporation ("you" or "the Company") in respect of the year ended December 31, 2016.

We have prepared these tax returns and forms on the Company's behalf from information made available to us. We did not audit or otherwise verify the information provided. Therefore, we can assume no responsibility for errors in filings that result from missing information or incorrect information that has been provided to us.

In preparing these returns and forms, we have relied on the relevant provisions of the Income Tax Act (Canada) (the "Act") and Regulations in force as at the date of this letter, applicable proposed amendments to the Act publicly announced by the Minister of Finance and our understanding of the administrative practices of Canada Revenue Agency ("CRA"), as well as judicial decisions as they relate to these provisions.

The responsibility for filing "true, correct and complete" tax returns and forms on or before the statutory due dates rests under law with you. All tax returns and forms should be carefully reviewed and, where appropriate, information in the tax returns and forms should be checked against the Company's own accounting and other records.

After this review, each return and form (together with any prescribed forms listed on the attached **"Filing Instructions"**) should be signed by an authorized officer of the Company to attest that he or she has examined the return and found it to be complete and correct.

PricewaterhouseCoopers LLP
245 Ouellette Avenue, Suite 300, Windsor, Ontario, Canada N9A 7J4
T: +1 519 985 8900, F: +1 519 258 5457, www.pwc.com/ca

This document was written by PricewaterhouseCoopers LLP ("PwC") in connection with the provision of tax services solely for the account of a PwC client. Any use which an individual, partnership, body corporate or other legal entity other than the PwC client makes of this document and any reliance on, or decisions made on the basis of, the contents of this document are the responsibility of such individual, partnership, body corporate or other legal entity. PwC accepts no responsibility for damages, if any, suffered by an individual, partnership, body corporate or other legal entity other than the PwC client as a result of decisions made or actions taken in reliance on the contents of this document.

"PwC" refers to PricewaterhouseCoopers LLP, an Ontario limited liability partnership, which is a member firm of PricewaterhouseCoopers International Limited, each member firm of which is a separate legal entity.

The tax returns and forms should be sent on time to ensure their receipt by the appropriate government departments indicated on the **Filing Instructions**. Filing the tax returns and forms by the required due dates avoids late-filing penalties and also helps to ensure that any income tax elections made with the tax returns and forms will be accepted by the government.

Tax Returns and Filing Documents

The tax returns and forms we have prepared for the Company include:

Federal T2 Corporation Income Tax Return x2 (1 copy to e-file with CRA and 1 copy to file with Ontario Ministry of Finance)
Federal T2 Corporation Income Tax Return (for your records)

Any tax owing should be received by the appropriate government departments by the dates indicated in the **Filing Instructions** to avoid incurring interest charges.

E-filing of corporate income tax returns (For CRA Filing Only)

Corporations with annual gross revenue exceeding $1 million are required to file their corporate income tax returns via the internet ("E-filing").

E-filing cannot be used to change certain basic information, such as the corporation's name, head office or mailing address. Corporations subject to mandatory E-filing should register these changes with Canada Revenue Agency ("CRA") before E-filing their returns. E-filing also cannot be used to file certain information returns (e.g., Form T106 and Form T1134). These returns must be filed separately.

The CRA will continue to process paper tax returns filed, but penalties will apply if the returns must be E-filed. The penalties per return are $1,000.

Corporations Information Act Annual Return for Ontario Corporations

Corporations incorporated, continued or amalgamated in Ontario must report any changes to the corporate information (e.g., director/officer information) recorded on the Ontario Ministry of Government Services ("MGS") public record under the Corporations Information Act. Changes to the corporate information can either be reported on Schedule 546 of the tax returns **or** Form 1 (Ontario Corporation Initial Return/Notice of Change), which is filed separately from the tax returns within 15 days after a change takes place in the information previously provided.

We have indicated that there has been no change in the corporate directors and officers on Schedule 546 since the last time the MGS was notified. If this is not correct, please let us know.

Notices of Assessment and Reassessment

To ensure our files are current and to obtain notification of any discrepancies between amounts assessed and amounts filed, please forward copies of all Notices of Assessment or Re-assessment upon receipt to Jocelyne G. Lavoie.

2017 instalments (For Ontario Ministry of Finance Only)

A computer printout of instalment payments for the year ending December 31, 2017 is attached. The schedules of estimated instalment payments are based on the Company's prior year income taxes. The Company should revise its tax instalment payments if taxable income for the year is estimated to be significantly less than that of the prior year. We will be pleased to assist you in this regard.

* * * * *

Please call me at 519 985 8930 or Jocelyne G. Lavoie at 519 640 7960, if you have any questions.

Yours very truly,

PricewaterhouseCoopers LLP

Giancarlo Dimaio, CPA, CA
Partner

Encl.

Filing instructions

Essex Powerlines Corporation
Taxation year-end: December 31, 2016

Canada Revenue Agency (CRA) Return

Filing due date: June 30, 2016

Payment:
• No payment is required.

Mail to:
• Return has been e-filed.

Signatures required:
• Part 3 of T183. Signature previously obtained for purposes of PwC releasing the return electronically.

Ontario Ministry of Finance P.I.L.T. Return

Filing due date: June 30, 2016

Overpayment:
• We have requested that $41,729 be transferred to the next taxation year.

Mail to:
• PwC has mailed PILT return on your behalf.

Signatures required:
• Page 2 of T2 Bar Code Return.

Federal Tax Instalments

Federal tax instalments

For the taxation year ended 2017-12-31

Business number 87006 6529 RC0001

The following is a list of federal instalments payable for the current taxation year. The last column indicates the instalments payable to Canada Revenue Agency. The instalments are due no later than on the dates indicated, otherwise non-deductible interest will be charged. Payment may be made by cheque or money order payable to the Receiver General either at an authorized financial institution or filed with **the appropriate remittance voucher at the following address**:

Canada Revenue Agency
875 Heron Road
Ottawa ON K1A 1B1

Note that you may also be able to pay by telephone or Internet banking. For more information, consult the *Corporation Instalment Guide*.

Monthly instalment workchart

Date	Monthly tax instalments	Refund transferred to instalments	Instalments paid	Cumulative difference	Instalments payable
2017-01-31	43,456	41,729			1,727
2017-02-28	43,456				43,456
2017-03-31	43,456				43,456
2017-04-30	43,456				43,456
2017-05-31	43,456				43,456
2017-06-30	43,456				43,456
2017-07-31	43,456				43,456
2017-08-31	43,456				43,456
2017-09-30	43,456				43,456
2017-10-31	43,456				43,456
2017-11-30	43,456				43,456
2017-12-31	43,445				43,445
Totals	521,461	41,729			479,732

Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

200

form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in bec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporation return.

All legislative references on this return are to the federal *Income Tax Act* and *Income Tax Regulations*. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the *General Index of Financial Information* (GIFI), to your tax centre or tax services office. You have to file the return within six months after the end of the corporation's tax year.

For more information see cra.gc.ca or Guide T4012, *T2 Corporation - Income Tax Guide*.

055 **Do not use this area**

Identification

Business number (BN) 001 87006 6529 RC0001

Corporation's name
002 Essex Powerlines Corporation

Address of head office
Has this address changed since the last time we were notified? . . . . . 010 1 Yes ☐ 2 No ☒
If **yes**, complete lines 011 to 018.
011 2730 Highway 3
012
City: 015 Oldcastle
Province, territory, or state: 016 ON
Country (other than Canada): 017
Postal or ZIP code: 018 N0R 1L0

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? . . . . . 020 1 Yes ☐ 2 No ☒
If **yes**, complete lines 021 to 028.
021 c/o
022 2730 Highway 3
023
City: 025 Oldcastle
Province, territory, or state: 026 ON
Country (other than Canada): 027
Postal or ZIP code: 028 N0R 1L0

Location of books and records (if different from head office address)
Has this address changed since the last time we were notified? . . . . . 030 1 Yes ☐ 2 No ☒
If **yes**, complete lines 031 to 038.
031 2730 Highway 3
032
City: 035 Oldcastle
Province, territory, or state: 036 ON
Country (other than Canada): 037
Postal or ZIP code: 038 N0R 1L0

040 **Type of corporation at the end of the tax year** (tick one)
- ☒ 1 Canadian-controlled private corporation (CCPC)
- ☐ 2 Other private corporation
- ☐ 3 Public corporation
- ☐ 4 Corporation controlled by a public corporation
- ☐ 5 Other corporation (specify)

If the type of corporation changed during the tax year, provide the effective date of the change . . . . . 043 Year Month Day

To which tax year does this return apply?
Tax year start: 060 Year Month Day 2016-01-01
Tax year-end: 061 Year Month Day 2016-12-31

Has there been an acquisition of control resulting in the application of subsection 249(4) since the tax year start on line 060? . . . . . 063 1 Yes ☐ 2 No ☒
If **yes**, provide the date control was acquired . . . . . 065 Year Month Day

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? . . . . . 066 1 Yes ☐ 2 No ☒

Is the corporation a professional corporation that is a member of a partnership? . . . . . 067 1 Yes ☐ 2 No ☒

Is this the first year of filing after:
Incorporation? . . . . . 070 1 Yes ☐ 2 No ☒
Amalgamation? . . . . . 071 1 Yes ☐ 2 No ☒
If **yes**, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? . . . . . 072 1 Yes ☐ 2 No ☒
If **yes**, complete and attach Schedule 24.

Is this the final tax year before amalgamation? . . . . . 076 1 Yes ☐ 2 No ☒

Is this the final return up to dissolution? . . . . . 078 1 Yes ☐ 2 No ☒

If an election was made under section 261, state the functional currency used 079

Is the corporation a resident of Canada? 080 1 Yes ☒ 2 No ☐
If **no**, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? . . . . . 082 1 Yes ☐ 2 No ☒
If **yes**, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
- ☐ 1 Exempt under paragraph 149(1)(e) or (l)
- ☐ 2 Exempt under paragraph 149(1)(j)
- ☐ 3 Exempt under paragraph 149(1)(t)
- ☐ 4 Exempt under other paragraphs of section 149

Do not use this area

095 096 898

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.
Schedules – Answer the following questions. For each **yes** response, **attach** the schedule to the T2 return, unless otherwise instructed.

		Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered **yes** to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164	X	14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165		15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the *Income Tax Regulations*?	170		29
Did the corporation have a total amount over $1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		
Does the corporation earn income from one or more Internet webpages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts of cultural or ecological property; or gifts of medicine?	202		2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203	X	3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Is the corporation realized any capital gains or incurred any capital losses during the tax year?	206	X	6
i) Is the corporation claiming the small business deduction and reporting a) income or loss from property (other than dividends deductible on line 320 of the T2 return), b) income from a partnership, c) income from a foreign business, d) income from a personal services business, e) income referred to in clause 125(1)(a)(i)(C) or 125(1)(a)(i)(B), or f) business limit assigned under subsection 125(3.2); or ii) does the corporation have aggregate investment income at line 440?	207	X	7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any property that is eligible capital property?	210	X	10
Does the corporation have any resource-related deductions?	212		12
Is the corporation claiming deductible reserves (other than transitional reserves under section 34.2)?	213		13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or an additional deduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231		31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232		T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II - Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit refund?	253		T1131
Is the corporation claiming a film or video production services tax credit refund?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments (continued)

		Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265	X	55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	1 Yes	X	2 No	
Is the corporation inactive?	280	1 Yes		2 No	X

What is the corporation's main revenue-generating business activity? 913910 Other Local, Municipal and Regional Public Administration

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

284	LDC - BILL & COLLECT	285	100.000 %
286		287	%
288		289	%

Did the corporation immigrate to Canada during the tax year?	291	1 Yes		2 No	X
Did the corporation emigrate from Canada during the tax year?	292	1 Yes		2 No	X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293	1 Yes		2 No	

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible 294 Year Month Day

If the corporation's major business activity is construction, did you have any subcontractors during the tax year? 295 1 Yes ☐ 2 No ☐

Taxable income

Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI.	300	1,932,721	A
Deduct:			
Charitable donations from Schedule 2	311		
Cultural gifts from Schedule 2	313		
Ecological gifts from Schedule 2	314		
Gifts of medicine from Schedule 2	315		
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320		
Part VI.1 tax deduction*	325		
Non-capital losses of previous tax years from Schedule 4	331		
Net capital losses of previous tax years from Schedule 4	332		
Restricted farm losses of previous tax years from Schedule 4	333		
Farm losses of previous tax years from Schedule 4	334		
Limited partnership losses of previous tax years from Schedule 4	335		
Taxable capital gains or taxable dividends allocated from a central credit union	340		
Prospector's and grubstaker's shares	350		
Subtotal			B
Subtotal (amount A **minus** amount B) (if negative, enter "0")		1,932,721	C
Section 110.5 additions or subparagraph 115(1)(a)(vii) additions	355		D
Taxable income (amount C **plus** amount D)	360	1,932,721	
Income exempt under paragraph 149(1)(t)	370		
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 **minus** line 370)		1,932,721	Z
Taxable income for the year from a personal services business**			Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 9.

** For a taxation year that ends after 2015.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income from active business carried on in Canada from Schedule 7 . . . . . 400 1,880,792 A

Taxable income from line 360 on page 3, **minus** 100/28 3.57143 of the amount on line 632* on page 8, **minus** 4 times the amount on line 636** on page 8, and **minus** any amount that, because of federal law, is exempt from Part I tax . . . . . 405 1,932,721 B

Business limit (see notes 1 and 2 below) . . . . . 410 500,000 C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year **divided** by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction:

Amount C 500,000 x 415 *** 83,437 / 11,250 D = ... 3,708,311 E

Reduced business limit (amount C **minus** amount E) (if negative, enter "0") . . . . . 425 F

Business limit the CCPC assigns under subsection 125(3.2) (from line 515 below) . . . . . G

Amount F **minus** amount G . . . . . 427 H

Small business deduction

Amount A, B, C, or H, whichever is the least x Number of days in the tax year before January 1, 2016 / Number of days in the tax year x 17 % = 1

Amount A, B, C, or H, whichever is the least x Number of days in the tax year after December 31, 2015 / Number of days in the tax year 366/366 x 17.5 % = 2

Total of amounts 1 and 2 (enter amount I on line J on page 8) 430 I

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

***** Large corporations**

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **prior** year **minus** $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **current** year **minus** $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

Specified corporate income and assignment under subsection 125(3.2)

Applicable to tax years that begin after March 21, 2016

Except that, if the tax year of your corporation started before **and** ends on or after March 22, 2016 and in the tax year of a CCPC, you can make an assignment of business limit to that other CCPC if its tax year started after March 21, 2016.

	J1 Name of corporation receiving the income and assigned amount	J Business number of the corporation receiving the assigned amount 490	K Income paid under clause 125(1)(a)(i)(B) to the corporation identified in column J [3] 500	L Business limit assigned to corporation identified in column J [4] 505
1.				

Total 510 Total 515

Notes:

3. This amount is [as defined in subsection 125(7) **specified corporate income** (a)(i)] the total of all amounts each of which is income from an active business of the corporation for the year from the provision of services or property to a private corporation (directly or indirectly, in any manner whatever) if
(A) at any time in the year, the corporation (or one of its shareholders) or a person who does not deal at arm's length with the corporation (or one of its shareholders) holds a direct or indirect interest in the private corporation, and
(B) it is not the case that all or substantially all of the corporation's income for the year from an active business is from the provision of services or property to
(I) persons (other than the private corporation) with which the corporation deals at arm's length, or
(II) partnerships with which the corporation deals at arm's length, other than a partnership in which a person that does not deal at arm's length with the corporation holds a direct or indirect interest.

The amount of the business limit you assign to a CCPC cannot be greater than the amount determined by the formula A – B, where A is the amount of income referred to in column K in respect of that CCPC and B is the portion of the amount described in A that is deductible by you in respect of the amount of income referred to in clauses 125(1)(a)(i)(A) or (B) for the year. The amount on line 515 cannot be greater than the amount on line 425.

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)			1,932,721	A
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		B		
Amount K13 from Part 13 of Schedule 27		C		
Personal services business income	432	D		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		E		
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least		F		
Aggregate investment income from line 440 on page 6*	51,929	G		
Subtotal (**add** amounts B to G)	51,929	▶	51,929	H
Amount A **minus** amount H (if negative, enter "0")			1,880,792	I
General tax reduction for Canadian-controlled private corporations – Amount I **multiplied** by 13 %			244,503	J

Enter amount J on line 638 on page 8.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)				K
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		L		
Amount K13 from Part 13 of Schedule 27		M		
Personal services business income	434	N		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		O		
Subtotal (**add** amounts L to O)		▶		P
Amount K **minus** amount P (if negative, enter "0")				Q
General tax reduction – Amount Q **multiplied** by 13 %				R

Enter amount R on line 639 on page 8.

Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7 . . . . . 440 51,929 A

Amount A 51,929 x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 26 2 / 3 % = 1

Amount A 51,929 x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 30 2 / 3 % = 15,925 2

Subtotal (amount 1 **plus** amount 2) 15,925 ▶ 15,925 B

Foreign investment income from Schedule 7 . . . . . 445 C

Amount C x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 9 1 / 3 % = 3

Amount C x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 8 % = 4

Subtotal (amount 3 **plus** amount 4) D

Foreign non-business income tax credit from line 632 on page 8 **minus** amount D (if negative, enter "0") . . . . . E

Amount B **minus** amount E (if negative, enter "0") . . . . . 15,925 F

Foreign non-business income tax credit from line 632 on page 8 . . . . . G

(Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 35 = ... 5

(Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 38 2 / 3 = ... 38.66667 6

Subtotal (amount 5 **plus** amount 6) 38.6667 H

Amount G x (100 / H) (100 / 38.6667) = ... I

Taxable income from line 360 on page 3 . . . . . 1,932,721 J

Deduct:

Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . . K

Amount I L

Foreign business income tax credit from line 636 on page 8 . . . . . x 4 = M

Subtotal (total of amounts K to M) ▶ N

Subtotal (amount J **minus** amount N) 1,932,721 O

Amount O 1,932,721 x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 26 2 / 3 % = 7

Amount O 1,932,721 x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 30 2 / 3 % = 592,701 8

Subtotal (amount 7 **plus** amount 8) 592,701 ▶ 592,701 P

Part I tax payable **minus** investment tax credit refund (line 700 **minus** line 780 from page 9) . . . . . 302,198 Q

Refundable portion of Part I tax – Amount F, P, or Q, whichever is the least . . . . . 450 15,925 R

Refundable dividend tax on hand

Refundable dividend tax on hand at the end of the previous tax year	460			
Deduct:				
Dividend refund for the previous tax year	465		▶	A
Add:				
Refundable portion of Part I tax from line 450 on page 6		15,925 B		
Total Part IV tax payable from Schedule 3		C		
Net refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation	480			
Subtotal (add amounts B, C, and line 480)		15,925	▶	15,925 D
Refundable dividend tax on hand at the end of the tax year – Amount A **plus** amount D			485	15,925

Dividend refund

Private and subject corporations at the time taxable dividends were paid in the tax year

Taxable dividends paid in the tax year from line 460 on page 3 of Schedule 3 . . . . . 1,046,176 E

Amount E 1,046,176 x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 33 1 / 3 % = 1

Amount E 1,046,176 x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 38 1 / 3 % = 401,034 2

Subtotal (amount 1 **plus** amount 2) 401,034 ▶ 401,034 F

Refundable dividend tax on hand at the end of the tax year from line 485 above . . . . . 15,925 G

Dividend refund – Amount F or G, whichever is less . . . . . 15,925 H

Enter amount H on line 784 on page 9.

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) **multiplied** by 38 % . . . 550 734,434 A

ditional tax on personal services business income (section 123.5)

Taxable income from a personal services business 555 _____ x Number of days in the tax year after December 31, 2015 / Number of days in the tax year 366 / 366 x 5 % = 560 _____ B

Recapture of investment tax credit from Schedule 31 . . . . . 602 _____ C

Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income
(if it was a CCPC throughout the tax year)

Aggregate investment income from line 440 on page 6 . . . . . 51,929 D

Taxable income from line 360 on page 3 . . . . . 1,932,721 E

Deduct:

Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . . _____ F

Net amount (amount E **minus** amount F) 1,932,721 ▶ 1,932,721 G

Amount D or G, whichever is less 51,929 x Number of days in the tax year before January 1, 2016 / Number of days in the tax year _____ / 366 x 6 2 / 3 % = _____ 1

Amount D or G, whichever is less 51,929 x Number of days in the tax year after December 31, 2015 / Number of days in the tax year 366 / 366 x 10 2 / 3 % = 5,539 2

Refundable tax on CCPC's investment income (amount 1 **plus** amount 2) . . . . . 604 5,539 ▶ 5,539 H

Subtotal (**add** amounts A, B, C, and H) 739,973 I

Deduct:

Small business deduction from line 430 on page 4 . . . . . _____ J

Federal tax abatement 608 193,272

nufacturing and processing profits deduction from Schedule 27 . . . . . 616 _____

vestment corporation deduction . . . . . 620 _____

Taxed capital gains 624 _____

Additional deduction – credit unions from Schedule 17 . . . . . 628 _____

Federal foreign non-business income tax credit from Schedule 21 . . . . . 632 _____

Federal foreign business income tax credit from Schedule 21 . . . . . 636 _____

General tax reduction for CCPCs from amount J on page 5 . . . . . 638 244,503

General tax reduction from amount R on page 5 . . . . . 639 _____

Federal logging tax credit from Schedule 21 . . . . . 640 _____

Eligible Canadian bank deduction under section 125.21 . . . . . 641 _____

Federal qualifying environmental trust tax credit . . . . . 648 _____

Investment tax credit from Schedule 31 . . . . . 652 _____

Subtotal 437,775 ▶ 437,775 K

Part I tax payable – Amount I **minus** amount K . . . . . 302,198 L

Enter amount L on line 700 on page 9.

Privacy statement

Personal information is collected under the *Income Tax Act* to administer tax, benefits, and related programs. It may also be used for any purpose related to the administration or enforcement of the Act such as audit, compliance and the payment of debts owed to the Crown. It may be shared or verified with other federal, provincial/territorial government institutions to the extent authorized by law. Failure to provide this information may result in interest payable, penalties or other actions. Under the *Privacy Act*, individuals have the right to access their personal information and request correction if there are errors or omissions. Refer to Info Source cra.gc.ca/gncy/tp/nfsrc/nfsrc-eng.html, personal information bank CRA PPU 047.

Summary of tax and credits

Federal tax

Part I tax payable from amount L on page 8	700	302,198
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		302,198

Add provincial or territorial tax:

Provincial or territorial jurisdiction 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	219,263	
Total tax payable	770	521,461	A

Deduct other credits:

Investment tax credit refund from Schedule 31	780			
Dividend refund from amount H on page 7	784	15,925		
Federal capital gains refund from Schedule 18	788			
Federal qualifying environmental trust tax credit refund	792			
Canadian film or video production tax credit refund (Form T1131)	796			
Film or video production services tax credit refund (Form T1177)	797			
Tax withheld at source	800			
Total payments on which tax has been withheld 801				
Provincial and territorial capital gains refund from Schedule 18	808			
Provincial and territorial refundable tax credits from Schedule 5	812			
Tax instalments paid	840	547,265		
Total credits	890	563,190	▶ 563,190	B

Refund code 894 2 Overpayment 41,729

Balance (amount A **minus** amount B) -41,729

If the result is positive, you have a **balance unpaid**. If the result is negative, you have an **overpayment**. Enter the amount on whichever line applies. Generally, we do not charge or refund a difference of $2 or less.

Balance unpaid .....

For information on how to make your payment, go to cra.gc.ca/payments.

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information

910 Branch number

914 Institution number

918 Account number

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? ..... 896 1 Yes ☐ 2 No ☒

If this return was prepared by a tax preparer for a fee, provide their EFILE number 920 A4259

Certification

I, 950 Barile (Last name) 951 Joe (First name) 954 General Manager (Position, office, or rank),

am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 Date (yyyy/mm/dd) Signature of the authorized signing officer of the corporation 956 (519) 737-9811 Telephone number

Is the contact person the same as the authorized signing officer? If **no**, complete the information below ..... 957 1 Yes ☒ 2 No ☐

958 Maxim Picco Name of other authorized person 959 (519) 737-9811 Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering **1** for English or **2** for French.
Indiquez votre langue de correspondance en inscrivant **1** pour anglais ou **2** pour français. 990 1

Schedule of Instalment Remittances

ne of corporation contact

elephone number

Effective interest date	Description (instalment remittance, split payment, assessed credit)	Amount of credit
		547,265
	Total amount of instalments claimed (carry the result to line 840 of the T2 Return)	547,265 A
	Total instalments credited to the taxation year per T9	547,265 B

Transfer

Account number	Taxation year end	Amount	Effective interest date	Description
From:				
From:				
To:				
From:				
To:				
From:				
To:				
From:				
To:				

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 100

Form identifier 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

Balance sheet information

Account	Description	GIFI		Current year	Prior year
Assets					
	Total current assets	1599	+	15,637,000	15,954,000
	Total tangible capital assets	2008	+	60,199,000	55,856,000
	Total accumulated amortization of tangible capital assets	2009	–	6,013,000	3,943,000
	Total intangible capital assets	2178	+		
	Total accumulated amortization of intangible capital assets	2179	–		
	Total long-term assets	2589	+	40,987,000	44,382,000
	* Assets held in trust	2590	+		
	Total assets (mandatory field)	2599	=	110,810,000	112,249,000
Liabilities					
	Total current liabilities	3139	+	23,359,000	19,663,000
	Total long-term liabilities	3450	+	61,723,000	68,918,000
	* Subordinated debt	3460	+		
	* Amounts held in trust	3470	+		
	Total liabilities (mandatory field)	3499	=	85,082,000	88,581,000
Shareholder equity					
	Total shareholder equity (mandatory field)	3620	+	25,728,000	23,668,000
	Total liabilities and shareholder equity	3640	=	110,810,000	112,249,000
Retained earnings					
	Retained earnings/deficit – end (mandatory field)	3849	=	8,832,000	6,772,000

* Generic item

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 125

Corporation's name	Business number	Tax year end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

Income statement information

Description	GIFI

Operating name	0001	
Description of the operation	0002	
Sequence number	0003	01

Account	Description	GIFI		Current year	Prior year
Income statement information					
	Total sales of goods and services	8089	+	85,289,000	72,903,654
	Cost of sales	8518	–	74,762,000	61,784,731
	Gross profit/loss	8519	=	10,527,000	11,118,923
	Cost of sales	8518	+	74,762,000	61,784,731
	Total operating expenses	9367	+	11,452,000	11,221,538
	Total expenses (mandatory field)	9368	=	86,214,000	73,006,269
	Total revenue (mandatory field)	8299	+	89,668,000	75,879,677
	Total expenses (mandatory field)	9368	–	86,214,000	73,006,269
	Net non-farming income	9369	=	3,454,000	2,873,408
Farming income statement information					
	Total farm revenue (mandatory field)	9659	+		
	Total farm expenses (mandatory field)	9898	–		
	Net farm income	9899	=		
	Net income/loss before taxes and extraordinary items	9970	=	3,454,000	2,873,408
	Total other comprehensive income	9998	=		
Extraordinary items and income (linked to Schedule 140)					
	Extraordinary item(s)	9975	–		
	Legal settlements	9976	–		
	Unrealized gains/losses	9980	+		
	Unusual items	9985	–		
	Current income taxes	9990	–	170,000	442,000
	Future (deferred) income tax provision	9995	–	699,000	-590,705
	Total – Other comprehensive income	9998	+		
	Net income/loss after taxes and extraordinary items (mandatory field)	9999	=	2,585,000	3,022,113

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Schedule 141

Notes Checklist

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Parts 1, 2, and 3 of this schedule must be completed from the perspective of the person (referred to in these parts as the **accountant**) who prepared or reported on the financial statements. If the person preparing the tax return is not the accountant referred to above, they must still complete Parts 1, 2, 3, and 4, as applicable.
- For more information, see Guide RC4088, *General Index of Financial Information (GIFI)* and T4012, *T2 Corporation – Income Tax Guide.*
- Complete this schedule and include it with your T2 return along with the other GIFI schedules.

Part 1 – Information on the accountant who prepared or reported on the financial statements

Does the accountant have a professional designation? . . . . . 095 1 Yes [X] 2 No [ ]

Is the accountant connected* with the corporation? . . . . . 097 1 Yes [ ] 2 No [X]

Note
If the accountant does not have a professional designation **or** is connected to the corporation, you do not have to complete Parts 2 and 3 of this schedule. However, you **do have** to complete Part 4, as applicable.

* A person connected with a corporation can be: (i) a shareholder of the corporation who owns more than 10% of the common shares; (ii) a director, an officer, or an employee of the corporation; or (iii) a person not dealing at arm's length with the corporation.

Part 2 – Type of involvement with the financial statements

Choose the option that represents the highest level of involvement of the accountant: 198

Completed an auditor's report . . . . . 1 [X]

Completed a review engagement report . . . . . 2 [ ]

Conducted a compilation engagement . . . . . 3 [ ]

Part 3 – Reservations

If you selected option 1 or 2 under **Type of involvement with the financial statements** above, answer the following question:

Has the accountant expressed a reservation? . . . . . 099 1 Yes [ ] 2 No [X]

Part 4 – Other information

If you have a professional designation and are not the accountant associated with the financial statements in Part 1 above, choose one of the following options: 110

Prepared the tax return (financial statements prepared by client) . . . . . 1 [ ]

Prepared the tax return and the financial information contained therein (financial statements have not been prepared) . . . . . 2 [ ]

Were notes to the financial statements prepared? . . . . . 101 1 Yes [X] 2 No [ ]

If **yes**, complete lines 104 to 107 below:

Are subsequent events mentioned in the notes? . . . . . 104 1 Yes [ ] 2 No [X]

Is re-evaluation of asset information mentioned in the notes? . . . . . 105 1 Yes [ ] 2 No [X]

Is contingent liability information mentioned in the notes? . . . . . 106 1 Yes [X] 2 No [ ]

Is information regarding commitments mentioned in the notes? . . . . . 107 1 Yes [X] 2 No [ ]

Does the corporation have investments in joint venture(s) or partnership(s)? . . . . . 108 1 Yes [ ] 2 No [X]

Part 4 – Other information (continued)

Impairment and fair value changes

Any of the following assets, was an amount recognized in net income or other comprehensive income (OCI) as a result of an impairment loss in the tax year, a reversal of an impairment loss recognized in a previous tax year, or a change in fair value during the tax year? . . . . . 200 1 Yes ☐ 2 No ☒

If **yes**, enter the amount recognized:

		In net income Increase (decrease)		**In OCI** Increase (decrease)
Property, plant, and equipment	210		211	
Intangible assets	215		216	
Investment property	220			
Biological assets	225			
Financial instruments	230		231	
Other	235		236	

Financial instruments

Did the corporation derecognize any financial instrument(s) during the tax year (other than trade receivables)? . . . . . 250 1 Yes ☐ 2 No ☒

Did the corporation apply hedge accounting during the tax year? . . . . . 255 1 Yes ☐ 2 No ☒

Did the corporation discontinue hedge accounting during the tax year? . . . . . 260 1 Yes ☐ 2 No ☒

Adjustments to opening equity

Was an amount included in the opening balance of retained earnings or equity, in order to correct an error, to recognize a change in accounting policy, or to adopt a new accounting standard in the current tax year? . . . . . 265 1 Yes ☒ 2 No ☐

If **yes**, you have to maintain a separate reconciliation.

T2 BAR CODE RETURN

Name: Essex Powerlines Corporation

BN: 87006 6529 RC 0001

Tax Year Start: 2016-01-01

Tax Year End: 2016-12-31

Notes to the Finacial Statements will be forwarded separately.

Canada Revenue Agency / Agence du revenu du Canada

Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 *Corporation Income Tax Guide*.
- All legislative references are to the *Income Tax Act*.

Amount calculated on line 9999 from Schedule 125			2,585,000	A
Add:				
Provision for income taxes – current	101	170,000		
Provision for income taxes – deferred	102	699,000		
Amortization of tangible assets	104	2,182,000		
Amortization of intangible assets	106	67,000		
Taxable capital gains from Schedule 6	113	51,929		
Non-deductible meals and entertainment expenses	121	1,815		
Subtotal of additions		3,171,744 ▶	3,171,744	
Other additions:				
Miscellaneous other additions:				

	1 Description 605	2 Amount 295
1	Inducement under 12(1)(x) ITA	5,974
2	See attached	724,000
3	Amort of deferred charge	175,472
	Total of column 2	905,446 ▶

	296	905,446		
Subtotal of other additions	199	905,446 ▶	905,446	
Total additions	500	4,077,190 ▶	4,077,190	B
Amount A **plus** amount B			6,662,190	C
Deduct:				
Gain on disposal of assets per financial statements	401	37,263		
Capital cost allowance from Schedule 8	403	3,792,844		
Cumulative eligible capital deduction from Schedule 10	405	6,326		
Subtotal of deductions		3,836,433 ▶	3,836,433	
Other deductions:				
Miscellaneous other deductions:				

	1 Description 705	2 Amount 395
1	See attachment	775,000
2	Mark to Market adjustment	118,036
	Total of column 2	893,036 ▶

	396	893,036		
Subtotal of other deductions	499	893,036 ▶	893,036	
Total deductions	510	4,729,469 ▶	4,729,469	D
Net income (loss) for income tax purposes (amount C **minus** amount D)			1,932,721	E

Enter amount E on line 300 of the T2 return.

Attached Schedule with Total

ne 395 – Amount

Title Line 395 – Amount

Description	Operator (Note)	Amount	
Post-employement benefits - benefits paid		112,000	00
Decrease of deferred tax liability booked to regulatory account	+	663,000	00
	+		
	Total	775,000	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attached Schedule with Total

e 295 – Amount

Title Line 295 – Amount

Description	Operator (Note)	Amount	
Post-employement benefits - costs		203,000	00
PY regulatory adjustments booked to retained earnings	+	521,000	00
	+		
	Total	724,000	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Inducement

form is used to calculate inducements that a corporation must add to its income under paragraph 12(1)(x) of the ITA. If an amount reduces the capital cost property, this amount will be indicated in Part "Tax credits whose amount should reduce the capital cost of property."

If you want to transfer an amount to Schedule 1 and include it in the corporation's income for tax purposes, select the corresponding check box in column A. You can also select the option **Select this check box to add all the amounts to income calculated in Schedule 1** to transfer all the amounts to Schedule 1. In either case, the column A check box will be selected for that amount and it will therefore be updated to Schedule 1.

Tax credits whose amount should be added to income

Select this check box to add all the amounts to income calculated in Schedule 1. . . . . ☐

Ontario

A		
☒	Portion of the Ontario research and development tax credit that relates to the prescribed proxy amount (PPA) and portion of the Ontario investment tax credit that relates to contributions made to SR&ED farming organizations	
☒	Ontario co-operative education tax credit	5,974
☐	Ontario apprenticeship training tax credit	
☐	Ontario computer animation and special effects tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
☐	Ontario film and television tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
☐	Ontario production services tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
☐	Ontario interactive digital media tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
☐	Ontario sound recording tax credit* * Please verify if the credit amount relates to depreciable property. For more information, press F1 to consult the Help.	
☐	Ontario book publishing tax credit	
☒	Portion of the Ontario innovation tax credit that relates to the prescribed proxy amount (PPA) and portion of the Ontario investment tax credit that relates to contributions made to SR&ED farming organizations	
☐	Ontario business-research institute tax credit	
☐	Ontario community food program donation tax credit for farmers	

Tax credits whose amount should reduce the capital cost of property

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Dividends Received, Taxable Dividends Paid, and Part IV Tax Calculations

Schedule 3

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Corporations must use this schedule to report:
  - non-taxable dividends under section 83;
  - deductible dividends under subsection 138(6);
  - taxable dividends deductible from income under section 112, subsection 113(2) and paragraphs 113(1)(a),(a.1), (b) or (d); or
  - taxable dividends paid in the tax year that qualify for a dividend refund.
- All legislative references are to the federal *Income Tax Act*.
- The calculations in this schedule apply only to private or subject corporations.
- A recipient corporation is **connected** with a payer corporation at any time in a tax year, if at that time the recipient corporation:
  - controls the payer corporation, other than because of a right referred to in paragraph 251(5)(b); or
  - owns more than 10% of the issued share capital (with full voting rights), and shares that have a fair market value of more than 10% of the fair market value of all shares of the payer corporation.
- If you need more space, continue on a separate schedule.
- File one completed copy of this schedule with your *T2 Corporation Income Tax Return*.
- Column A1 – Enter "X" if dividends received from a foreign source.
- Column F1 – Enter the amount of dividends received reported in column 240 that are eligible.
- Column F2 – Enter the code that applies to the deductible taxable dividend.

Part 1 – Dividends received in the tax year

- Do **not** include dividends received from foreign non-affiliates.
- Complete columns B, C, D, H and I **only if** the payer corporation is **connected.**

Important instructions to follow if the payer corporation is connected

- If your corporation's tax year-end is different than that of the **connected** payer corporation, dividends could have been received from more than one tax year of the payer corporation. If so, **use a separate line** to provide the information according to each tax year of the payer corporation.
- When completing column J and K use the **special calculations provided in the notes**.

A Name of payer corporation (from which the corporation received the dividend) 200	A1	B Enter 1 if payer corporation is **connected** 205	C Business Number of **connected** corporation 210	D Tax year-end of the payer corporation in which the sections 112/113 and subsection 138(6) dividends in column F were paid YYYY/MM/DD 220	E Non-taxable dividends under section 83 230

Total of column E (enter amount on line 402 of Schedule 1)

F Taxable dividends deductible from taxable income under section 112, subsections 113(2) and 138(6), and paragraphs 113(1)(a), (a.1),(b), or (d)[note 1] 240	F1 Eligible dividends (included in column F)	F2	G Dividends included in column F that was received **before** 2016 241	H Total taxable dividends paid by **connected** payer corporation (for tax year in column D) 250	I Dividend refund of the **connected** payer corporation (for tax year in column D)[note 2] 260	J Part IV tax before deductions. Dividends (from column G) received **before** 2016 **multiplied** by 33 1/3%[note 3] 270	K Part IV tax before deductions. Dividends received **after** 2015 (column F **minus** column G) **multiplied** by 38 1/3%[note 4] 275
Total of column F (include this amount on line 320 of the T2 Return)						**Total of column J** (enter amount on line a in Part 2)	**Total of column K** (enter amount on line b in Part 2)

1 If taxable dividends are received, enter the amount in column 240, but if the corporation is not subject to Part IV tax (such as a public corporation other than a subject corporation as defined in subsection 186(3)), enter "0" in column 270 or column 275 as applicable according to the date received. Life insurers are not subject to Part IV tax on subsection 138(6) dividends.

2 If the connected payer corporation's tax year ends after the corporation's balance-due day for the tax year (two or three months, as applicable), you have to estimate the payer's dividend refund when you calculate the corporation's Part IV tax payable.

3 For dividends received **before** 2016 from **connected** corporations, Part IV tax on dividends is equal to: column G **multiplied** by column I **divided** by column H.

4 For dividends received **after** 2015 from **connected** corporations, Part IV tax on dividends is equal to: column I **divided** by column H **multiplied** by the result of column F **minus** column G.

Part 2 – Calculation of Part IV tax payable

Part IV tax on dividends received **before** 2016, before deductions (total of column J in part 1) ..... _____ a

Part IV tax on dividends received **after** 2015, before deductions (total of column K in part 1) ..... _____ b

Part IV tax before deductions (amount a **plus** amount b) ..... _____ ▶ _____ L

Deduct:

Part IV.I tax payable on dividends subject to Part IV tax (from line 360 of Schedule 43) ..... 320 _____

Subtotal (amount L **minus** line 320) _____ M

Deduct:

Current-year non-capital loss claimed to reduce Part IV tax ..... 330 _____ c

Non-capital losses from previous years claimed to reduce Part IV tax ..... 335 _____ d

Current-year farm loss claimed to reduce Part IV tax ..... 340 _____ e

Farm losses from previous years claimed to reduce Part IV tax ..... 345 _____ f

Total losses applied against Part IV tax (total of amounts c to f) _____ g

If your tax year begins after December 31, 2015:

Amount g **multiplied** by 38 1 / 3 % ..... _____ h

If your tax year begins before January 1, 2016:

Amount b or M whichever is less

_____ ÷ 38 1 / 3 % ... = _____ 1

Amount 1 or g, whichever is less ..... _____ 2

Amount g **minus** amount 2 ..... _____ 3

Amount 2 _____ x 38 1 / 3 % = _____ i

Amount 3 _____ x 33 1 / 3 % = _____ j

Subtotal (amount i **plus** amount j) _____ k

Amount h or amount k, whichever applies depending on your tax year start date ..... _____ N

Part IV tax payable (amount M **minus** amount N, if negative enter "0") ..... 360 _____

(enter amount on line 712 of the T2 return)

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund

If your corporation's tax year-end is different than that of the connected recipient corporation, your corporation could have paid dividends in more than one tax year of the recipient corporation. If so, use a separate line to provide the information according to each tax year of the recipient corporation.

	O Name of connected recipient corporation 400	P Business Number 410	Q Tax year-end of connected recipient corporation in which the dividends in column R were received YYYY/MM/DD 420	R Taxable dividends paid to connected corporations 430	R1 Eligible dividends (included in column R)
1	Essex Power Corporation	86953 5435 RC0001	2016-12-31	1,046,176	

Total of column R 1,046,176

Total taxable dividends paid in the tax year to other than connected corporations 450

Eligible dividends (included in line 450) 450a

Total taxable dividends paid in the tax year that qualify for a dividend refund (total of column R **plus** line 450) 460 1,046,176

Part 4 – Total dividends paid in the tax year

Complete this part if the total taxable dividends paid in the tax year that qualify for a dividend refund (line 460) is different from the total dividends paid in the tax year.

Total taxable dividends paid in the tax year for the purposes of a dividend refund (from above) 1,046,176

Other dividends paid in the tax year (total of 510 to 540) . . . . . .

Total dividends paid in the tax year 500 1,046,176

duct:

Dividends paid out of capital dividend account 510

Capital gains dividends 520

Dividends paid on shares described in subsection 129(1.2) 530

Taxable dividends paid to a controlling corporation that was bankrupt at any time in the year 540

Subtotal (total of lines 510 to 540) ▶ S

Total taxable dividends paid in the tax year that qualify for a dividend refund (Line 500 **minus** amount S) 1,046,176 T

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Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Use this schedule if, during the tax year, the corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- All legislative references mentioned in this schedule are from the *Income Tax Regulations*.
- For more information, see the *T2 Corporation – Income Tax Guide*.
- Enter the regulation number in field 100 of Part 1.

Part 1 – Allocation of taxable income

100 _____ Enter the Regulation that applies (402 to 413).

A Jurisdiction Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year.*		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 1 Yes ☐	103		143		
Newfoundland and Labrador Offshore	004 1 Yes ☐	104		144		
Prince Edward Island	005 1 Yes ☐	105		145		
Nova Scotia	007 1 Yes ☐	107		147		
Nova Scotia Offshore	008 1 Yes ☐	108		148		
New Brunswick	009 1 Yes ☐	109		149		
Québec	011 1 Yes ☐	111		151		
Ontario	013 1 Yes ☐	113		153		
Manitoba	015 1 Yes ☐	115		155		
Saskatchewan	017 1 Yes ☐	117		157		
Alberta	019 1 Yes ☐	119		159		
British Columbia	021 1 Yes ☐	121		161		
Yukon	023 1 Yes ☐	123		163		
Northwest Territories	025 1 Yes ☐	125		165		
Nunavut	026 1 Yes ☐	126		166		
Outside Canada	027 1 Yes ☐	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in subsection 400(2).

** For corporations other than those described under section 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:

1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the *T2 Corporation – Income Tax Guide*.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. If the corporation is a member of a partnership and the partnership had a permanent establishment in a jurisdiction, select the jurisdiction in Column A and include your proportionate share of the partnership's salaries and wages and gross revenue in columns B and D, respectively.

Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
1,932,721		1,932,721	222,263

Ontario basic income tax (from Schedule 500) 270 222,263

Deduct: Ontario small business deduction (from Schedule 500) 402

Subtotal 222,263 ▶ 222,263 A6

Add:

Ontario additional tax re Crown royalties (from Schedule 504) 274

Ontario transitional tax debits (from Schedule 506) 276

Recapture of Ontario research and development tax credit (from Schedule 508) 277

Subtotal ▶ B6

Subtotal (amount A6 **plus** amount B6) 222,263 C6

Deduct:

Ontario resource tax credit (from Schedule 504) 404

Ontario tax credit for manufacturing and processing (from Schedule 502) 406

Ontario foreign tax credit (from Schedule 21) 408

Ontario credit union tax reduction (from Schedule 500) 410

Ontario political contributions tax credit (from Schedule 525) 415

Subtotal ▶ D6

Subtotal (amount C6 **minus** amount D6) (if negative, enter "0") 222,263 E6

Deduct: Ontario research and development tax credit (from Schedule 508) 416

Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount E6 **minus** amount on line 416) (if negative, enter "0") 222,263 F6

Deduct:

Ontario corporate minimum tax credit (from Schedule 510) 418

Ontario community food program donation tax credit for farmers (from Schedule 2) 420

Ontario corporate income tax payable (amount F6 **minus** amounts on line 418 and line 420) (if negative, enter "0") 222,263 G6

Add:

Ontario corporate minimum tax (from Schedule 510) 278

Ontario special additional tax on life insurance corporations (from Schedule 512) 280

Subtotal ▶ H6

Total Ontario tax payable before refundable credits (amount G6 **plus** amount H6) 222,263 I6

Deduct:

Ontario qualifying environmental trust tax credit 450

Ontario co-operative education tax credit (from Schedule 550) 452 3,000

Ontario apprenticeship training tax credit (from Schedule 552) 454

Ontario computer animation and special effects tax credit (from Schedule 554) 456

Ontario film and television tax credit (from Schedule 556) 458

Ontario production services tax credit (from Schedule 558) 460

Ontario interactive digital media tax credit (from Schedule 560) 462

Ontario sound recording tax credit (from Schedule 562) 464

Ontario book publishing tax credit (from Schedule 564) 466

Ontario innovation tax credit (from Schedule 566) 468

Ontario business-research institute tax credit (from Schedule 568) 470

Subtotal 3,000 ▶ 3,000 J6

Net Ontario tax payable or refundable credit (amount I6 **minus** amount J6) 290 219,263 K6

(if a credit, enter a negative amount) Include this amount on line 255.

Summary

Enter the total net tax payable or refundable credits for all provinces and territories on line 255.

provincial and territorial tax payable or refundable credits 255 219,263

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

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Schedule 6

Summary of Dispositions of Capital Property

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Use this schedule if your corporation disposed of (actual or deemed) capital property or claimed an allowable business investment loss (ABIL), or both, in the tax year.
- Also use this schedule to make a designation under paragraph 111(4)(e) of the *Income Tax Act* if control of the corporation has been acquired by a person or a group of persons.
- For more information, see the section called "Schedule 6, Summary of Dispositions of Capital Property" in Guide T4012, *T2 Corporation – Income Tax Guide.*

Designation under paragraph 111(4)(e) of the Income Tax Act

Are any dispositions shown on this schedule related to deemed dispositions designated under paragraph 111(4)(e)? . . . . . 050 1 Yes ☐ 2 No ☒

If **yes**, attach a statement specifying which properties such a designation applies to.

Part 1 – Shares

1 Number of shares 100	2 Name of corporation in which the shares are held 105	3 Class of shares 106	4 Date of Acquisition YYYY/MM/DD 110	5 Proceeds of disposition 120	6 Adjusted cost base 130	7 Outlays and expenses from disposition 140	8 Gain (or loss) (column 5 **minus** columns 6 and 7) 150	Foreign source
			Totals					

Total adjustment under subsection 112(3) of the Act to all losses identified in Part 1 . . . . . 160 _____

Actual gain or loss from the disposition of shares (total of column 8 **plus** line 160) . . . . . _____ A

Part 2 – Real estate (Do not include losses on depreciable property)

	1 Municipal address of real estate 1 = Address 1 2 = Address 2 3 = City 4 = Province, Country, Postal Code and Zip Code or Foreign Postal Code 200	2 Date of Acquisition YYYY/MM/DD 210	3 Proceeds of disposition 220	4 Adjusted cost base 230	5 Outlays and expenses from disposition 240	6 Gain (or loss) (column 3 **minus** columns 4 and 5) 250	Foreign source
1	Georgia Street land		94,000		7,357	86,643	
2	Sunnyside Street land		67,000	12,000	37,785	17,215	
		Totals	161,000	12,000	45,142	103,858	B

Part 3 – Bonds

1 Face value of bonds 300	2 Maturity date YYYY/MM/DD 305	3 Name of bond issuer 307	4 Date of Acquisition YYYY/MM/DD 310	5 Proceeds of disposition 320	6 Adjusted cost base 330	7 Outlays and expenses from disposition 340	8 Gain (or loss) (column 5 **minus** columns 6 and 7) 350	Foreign source
			Totals					C

Part 4 – Other properties (Do not include losses on depreciable property)

1 Description of other property 400	2 Date of Acquisition YYYY/MM/DD 410	3 Proceeds of disposition 420	4 Adjusted cost base 430	5 Outlays and expenses from disposition 440	6 Gain (or loss) (column 3 **minus** columns 4 and 5) 450	Foreign source
	Totals					D

Note
Other property includes capital debts established as bad debts, as well as amounts that arise from foreign currency transactions.

Part 5 – Personal-use property (Do not include listed personal property)

1 Description of personal-use property 500	2 Date of Acquisition YYYY/MM/DD 510	3 Proceeds of disposition 520	4 Adjusted cost base 530	5 Outlays and expenses from disposition 540	6 Gain only (column 3 **minus** columns 4 and 5; if negative, enter "0") 550	Foreign source
	Totals					E

Note
You cannot deduct losses on dispositions of personal-use property (other than listed personal property) from your income.

Part 6 – Listed personal property

1 Description of listed personal property 600	2 Date of Acquisition YYYY/MM/DD 610	3 Proceeds of disposition 620	4 Adjusted cost base 630	5 Outlays and expenses from disposition 640	6 Gain (or loss) (column 3 **minus** columns 4 and 5) 650	Foreign source
	Totals					

Deduct: Unapplied listed personal property losses from other years (amount from line 530 of Schedule 4, *Corporation Loss Continuity and Application*) . . . . . 655 _____

Net gains (or losses) from the disposition of listed personal property (total of column 6 **minus** line 655) . . . . . _____ F

Note
Net listed personal property losses can only be applied against listed personal property gains.

Part 7 – Property qualifying for and resulting in an allowable business investment loss

1 Name of small business corporation 900	2 Shares, enter 1; debt, enter 2 905	3 Date of Acquisition YYYY/MM/DD 910	4 Proceeds of disposition 920	5 Adjusted cost base 930	6 Outlays and expenses from disposition 940	7 Loss only (column 4 **minus** columns 5 and 6) 950	Foreign source
		Totals					

Allowable business investment losses (ABILs) . . . . . Total of Column 7 _____ x 50.0000 % = _____ G

Enter amount G on line 406 of Schedule 1, *Net Income (Loss) for Income Tax Purposes*.

Note
Properties listed in Part 7 should not be included in any other parts of this schedule.

Part 8 – Capital gains or losses

Total of amounts A to F (do not include amount F if it is a loss) . . . . . 103,858 H

Add:

Foreign source

Capital gains dividend received in the year . . . . . 875 _____ I ☐

Capital gains reserve opening balance (from Part 1 of Schedule 13, *Continuity of Reserves,* enter the amount from line 8, *Balance at the beginning of the year* **plus** the amount from line 9, *Transfer on an amalgamation or the wind–up of a subsidiary*) . . . . . 880 _____ J

Subtotal (total of amounts H to J) 103,858 K

Deduct: Capital gains reserve closing balance (from Schedule 13) . . . . . 885 _____ L

Capital gains or losses, excluding ABILs (amount K **minus** amount L) . . . . . 890 103,858 M

Part 9 – Taxable capital gains and total capital losses

Capital gains or losses, excluding ABILs (amount from line 890 in Part 8) . . . . . 103,858 N

Deduct the following amounts included in amount N, that are subject to the zero inclusion rate:

Note

When a taxpayer is entitled to an advantage in respect of a donation, the zero inclusion rate is restricted to only part of the taxpayer's capital gain on disposition of the property. See section 38.2 of the Act for more information.

Foreign source

Gain on the donation to a qualified donee of a share, debt obligation, or right listed on a designated stock exchange and other securities under subparagraphs 38(a.1)(i) and (iii) of the Act . . . . . 895 _____ a ☐

Foreign source

Gain on the donation to a qualified donee of ecologically sensitive land under paragraph 38(a.2) of the Act* . . . . . 896 _____ b ☐

Foreign source

Exempt portion of the gain on the donation of securities arising from the exchange of a partnership interest under paragraph 38(*a.3*) . . . . . _____ b-2 ☐

Subtotal (amount a **plus** amount b **plus** b-2) _____ ▶ _____ O

Subtotal (amount N **minus** amount O) 103,858 P

Add:

Deemed capital gain from the donation of property included in a flow-through share class of property to a qualified donee under subsection 40(12) of the Act:

Exemption threshold at time of disposition . . . . . 897 _____ c

The total of all capital gains from the disposition of the actual property . . . . . 898 _____ d

Foreign source

Amount c or amount d, whichever is less _____ Q ☐

Taxable capital gains under section 34.2 of the Act (line 275 of Schedule 73, *Income Inclusion Summary for Corporations that are Members of Partnerships*) . . . . . _____ x 2 = 899 _____ R

Subtotal (total of amounts P to R) 103,858 S

Deduct:

Allowable capital losses under section 34.2 of the Act (line 285 of Schedule 73, *Income Inclusion Summary for Corporations that are Members of Partnerships*) . . . . . _____ x 2 = 901 _____ T

Total capital gains or losses (amount S **minus** amount T) 103,858 U

Taxable capital gains or total capital losses

Total capital losses (amount U, if amount U is negative; if amount U is positive, enter "0") . . . . . _____ V

Enter amount V on line 210 of Schedule 4.

Taxable capital gains (if amount U is positive, enter amount U 103,858 multiplied by 50.0000 %; if amount U is negative, enter "0") . . . . . 51,929 W

Enter amount W on line 113 of Schedule 1.

* Do not include gains on donations of ecologically sensitive land to a private foundation.

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Schedule 7

Aggregate Investment Income and Active Business Income

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Use this schedule if you are a Canadian-controlled private corporation (CCPC) to calculate:
  - your aggregate investment income and foreign investment income, as defined in subsection 129(4), to determine the refundable portion of Part I tax;
  - your **specified partnership income**, if you are a member or **designated member** of one or more partnerships as defined under subsection 125(7); and
  - your income from an active business carried on in Canada eligible for the small business deduction including any **specified corporate income** as defined in subsection 125(7).
- Use this schedule if another CCPC is making an assignment of business limit under subsection 125(3.2) to you.
- Use this schedule if you are a member of a partnership to assign **specified partnership business limit** to a **designated member** under subsection 125(8). **Note:** If you are a corporation that is not a CCPC, **only** complete Table 1 (columns A1, B1, C1, G1, H1 and J1) and Table 3 to make this assignment.
- All legislative references are to the *Income Tax Act*.
- For more information, see **Small Business Deduction** and **Refundable Portion of Part I Tax** in Guide T4012, *T2 Corporation – Income Tax Guide*.
- All notes with regards to this form can be found at the bottom of the form.

Part 1 – Aggregate investment income

Aggregate investment income is all **world** source income.

Eligible portion of taxable capital gains for the year			002	51,929
Eligible portion of allowable capital losses for the year (including allowable business investment losses)	012			
Net capital losses of previous years claimed on line 332 on the T2 return	022			
Subtotal (line 012 **plus** line 022)				A
Line 002 **minus** amount A (if negative, enter "0")				51,929 B
Total income from property (include income from a specified investment business carried on in Canada other than income from a source outside Canada)	032			
Exempt income	042			
Amounts received from AgriInvest Fund No. 2 that were included in computing the corporation's income for the year	052			
Taxable dividends deductible (total of column F on Schedule 3 **minus** related expenses)	062			
Business income from an interest in a trust that is considered property income under paragraph 108(5)(a)	072			
Subtotal (**add** lines 042, 052, 062 and 072)			C	
Subtotal (line 032 **minus** amount C)				D
Amount B **plus** amount D				51,929 E
Total losses from property (include losses from a specified investment business carried on in Canada other than a loss from a source outside Canada)			082	
Amount E **minus** line 082 (if negative, enter "0") (enter on line 440 of the T2 return)			092	51,929

Part 2A – Canadian investment income calculation

Eligible portion of taxable capital gains for the year before taking into account the capital gains reserve (federal) of Schedule 13	51,929	1.1		
erve's eligible portion (addition/deduction)		1.2		
Taxable capital gains under section 34.2 (line 275 on Schedule 73)		1.3		
Eligible portion of taxable capital gains for the year after taking into account the capital gains reserve from Schedule 13 and the taxable capital gains under section 34.2 (**add** amounts 1.1, 1.2, and 1.3)	51,929 ▶		51,929	1a
Eligible portion of allowable capital losses for the year (including allowable business investment losses)		2.1		
Net capital losses of previous years claimed on line 332 on the T2 return		2.2		
Allowable capital losses under section 34.2 (line 285 of Schedule 73)		2.3		
Add amounts 2.1, 2.2 and 2.3	▶			2a
Amount 1a **minus** amount 2a (if negative, enter "0")			51,929	3a
Taxable dividends		4.1		
Rental property income (under regulation 1100(11))		4.2		
Other property income		4.3		
Property income under section 34.2 (line 280 of Schedule 73)		4.4		
Total property income from **Canadian** sources (**add** amounts 4.1, 4.2, 4.3 and 4.4)	▶			4a
Exempt income		5.1		
Amounts received from AgriInvest Fund No. 2 that were included in computing the corporation's income for the year		5.2		
Taxable dividends deductible (total of column F on Schedule 3 **minus** related expenses)		5.3		
Business income from an interest in a trust that is considered property income under paragraph 108(5)(a)		5.4		
Add amounts 5.1, 5.2, 5.3 and 5.4	▶			5a
Amount 4a **minus** amount 5a				6a
Amount 3a **plus** amount 6a			51,929	7a
Rental property losses (under regulation 1100(11))		8.1		
Dividend losses		8.2		
Other property losses		8.3		
Property losses under section 34.2 (line 280 of Schedule 73)		8.4		
Total property losses from **Canadian** sources (**add** amounts 8.1, 8.2, 8.3 and 8.4)	▶			8a
Amount 7a **minus** amount 8a (if negative, enter "0")			51,929	9a

Part 2 – Foreign investment income

Foreign investment income is all income from sources **outside Canada**.

Eligible portion of taxable capital gains for the year before taking into account the capital gains reserve (federal) of Schedule 13 . . . . . a1

Reserve's eligible portion (addition/deduction) a2

Taxable capital gains under section 34.2 (line 275 of Schedule 73)* a3

Eligible portion of taxable capital gains for the year after taking into account the capital gains reserve (federal) of Schedule 13 and taxable capital gains under section 34.2 (**add** amounts a1, a2, and a3) . . . . . ▶ 001

Allowable capital losses for the year b1

Allowable capital losses under section 34.2 (line 285 of Schedule 73)* b2

Eligible portion of allowable capital losses for the year (including allowable business investment losses) (**Add** amounts b1 and b2) . . . . . ▶ 009

Subtotal (line 001 **minus** line 009) (if negative, enter "0") F

Taxable dividends c1

Rental property income (under regulation 1100(11)) c2

Other property income c3

Property income under section 34.2 (line 280 of Schedule 73)* c4

Total income from property from a source **outside Canada** (net of related expenses) (**add** amounts c1, c2, c3 and c4) . . . ▶ 019

Exempt income 029

Taxable dividends deductible (total of column F on Schedule 3 **minus** related expenses) 049

Business income from an interest in a trust that is considered property income under paragraph 108(5)(a) . 059

Subtotal (**add** lines 029, 049, and 059) ▶ G

Subtotal (line 019 **minus** amount G) ▶ H

Amount F **plus** amount H I

Rental property losses (under regulation 1100(11)) d1

Dividend losses d2

Other property losses d3

Property losses under section 34.2 (line 280 of Schedule 73)* d4

Total losses from property from a source **outside Canada** (**add** amounts d1, d2, d3 and d4) . . . ▶ 069

Amount I **minus** line 069 (if negative, enter "0") (enter on line 445 of the T2 return) 079

* When an amount is entered on these lines, the amounts calculated for the taxable capital gains or allowable capital losses on lines 1.3 and 2.3 as well as property income or losses on lines 4.4 and 8.4 in Part 2A, "Canadian investment income calculation" are automatically updated. For more details, press F1 to consult the Help.

Net taxable dividends	Canadian	Foreign	Total
Taxable dividends deducted per schedule 3			
Less: Expenses related to such dividends			
Total expenses			
Net taxable dividends			

Part 3 – Specified partnership income

Table 1 – Specified partnership income

	A	A1	1A
	Is the corporation a designated member of the partnership?	Partnership name 200	Partnership's account number
1	Yes ☐ No ☒		

	B1	C1	D1	1D	2D	E1	F1
	Total income (loss) of partnership from an active business 300	Corporation's share of amount in column B1 310	Income of the corporation from providing (directly or indirectly) services or property to the partnership note 1 311	Adjustments under section 34.2 note 2	Expenses the corporation incurred to earn partnership income	Adjustments (column 1D **minus** column 2D) 315	Corporation's income (loss) in respect of the partnership note 3 (**add** columns C1, D1 and E1) 320
1							

Total 350

	G1	H1	I1	J1	K1	L1	M1
	Number of days in the partnership's fiscal period 325	Prorated business limit notes 3 and 4 (column C1 ÷ column B1) × [$ 500 000 × (column G1 ÷ 365)] (if column C1 is negative, enter "0") 330	Specified partnership business limit **assigned to you** (from H2 in Table 2) notes 1, 6 and 7 335	Specified partnership business limit **assigned by you** from F3 in Table 3) notes 1, 6 and 8 336	Specified partnership business limit amount (column H1 **plus** column I1 **minus** column J1)	Column F1 **minus** column K1 (if negative, enter "0")	Lesser of columns F1 and K1 (if column F1 is negative, enter "0") notes 5 340
1							

Total 385 360

Corporation's losses for the year from an active business carried on in Canada (other than as a member of a partnership) – enter as a positive amount 370

Specified partnership loss of the corporation for the year – enter as a positive amount (total of all negative amounts in column F1) 380

Subtotal (line 370 **plus** line 380) J

Amount at line 385 or amount J, whichever is less 390

Specified partnership income (line 360 **plus** line 390) 400
(enter at amount N in Part 4)

Part 3 – Specified partnership income (continued)

Tables 2 and 3 are used to make an assignment of **specified partnership business limit** under subsection 125(8). A person that is a member of a partnership can make an assignment of **specified partnership business limit** under subsection 125(8) to a **designated member** for any tax year that **starts after** March 21, 2016. Also, that person can make an assignment for its tax year that **starts before** March 22, 2016 and **ends after** March 21, 2016 if the tax year of the **designated member starts after** March 21, 2016.

If you are a designated member and **receiving** specified partnership business limit from a person that is a member of the partnership, complete Table 2.

If you are a member of the partnership and **assigning** specified partnership business limit to a designated member, complete Table 3.

Table 2 – A member is assigning to you specified partnership business limit under subsection 125(8)

A2	2A	B2
Partnership name 405	Partnership's account number	Name of the member 406

C2	D2	E2	F2	G2	H2
Business number of the member (if applicable) 410	Social insurance number of the member (if applicable) 411	Trust account number of the member (if applicable) 412	Tax year start of the member (yyyymmdd) 415	Tax year-end of the member (yyyymmdd) 416	Specified partnership business limit assigned to you by the member note 9 420

Table 3 – You are assigning to a designated member (CCPC) specified partnership business limit under subsection 125(8)

A3	3A	B3
Partnership name 425	Partnership's account number	Name of the designated member 426

C3	D3	E3	F3
Business number of the designated member 430	Tax year start of the designated member 435	Tax year-end of the designated member (yyyymmdd) 436	Specified partnership business limit assigned by you to the designated member note 10 440

Part 4 – Partnership income not eligible for the small business deduction

Corporation's income from active businesses carried on in Canada as a member or designated member of a partnership (after deducting related expenses) – from line 350 in Part 3 (if the net amount is negative, enter "0" on line 450) . . . . . _____ K

Specified partnership loss (from line 380 in Part 3) . . . . . _____ L

Subtotal (amount K **plus** amount L) _____ M

Specified partnership income (from line 400 in Part 3) . . . . . _____ N

Partnership income not eligible for the small business deduction (amount M **minus** amount N) . . . . . 450 _____
(enter at amount V in Part 5)

Part 5 – Income from active business carried on in Canada

Net income for income tax purposes from line 300 of the T2 return		1,932,721 O		
Allowable business investment loss from line 406 of Schedule 1		P		
Subtotal (amount O **plus** amount P)		1,932,721 ▶	1,932,721 Q	
Foreign business income after deducting related expenses [note 11]	500			
Taxable capital gains from line 113 of Schedule 1		51,929 R		
Net property income (line 032 [note 12] **minus** the total of lines 042, 052 and 082 in Part 1)[note 11]		S		
Personal services business income and other income after deducting related expenses [note 11]	520			
Subtotal (**add** line 500, amount R, amount S and line 520)		51,929 ▶	51,929 T	
Net amount (amount Q **minus** amount T)			1,880,792 U	
Partnership income not eligible for the small business deduction (line 450 in Part 4)		V		
Partnership income allocated to your corporation under subsection 96(1.1)	530			
Income referred to in clause 125(1)(a)(i)(C)	540			
Income referred to in clause 125(1)(a)(i)(B) (from line 615 in Part 6)		W		
Subtotal (**add** amount V, line 530, line 540 and amount W)		▶	X	
Specified corporate income (from line 625 in Part 6)			Y	
Income from active business carried on in Canada (amount U **minus** amount X **plus** amount Y) (enter amount Z on line 400 of the T2 return - if negative, enter "0")			1,880,792 Z	

Part 6 – Specified corporate income and assignment under subsection 125(3.2)

Applies to tax years that begin after March 21, 2016.

A CCPC can also make an assignment of business limit to you for its tax year that **starts before** March 22, 2016, and **ends after** March 21, 2016, if your tax **year starts** after March 21, 2016.

	1AA Name of the corporation	AA Business number of the corporation 600	BB Income described under clause 125(1)(a)(i)(B) received from the corporation identified in column AA [note 13] 610	CC Business limit assigned **from** the corporation identified in column AA [note 14] 620
1				
			Total 615	Total 625

Notes

Note 1 Applies to tax years that **begin after** March 21, 2016. For tax years beginning before March 22, 2016 leave blank.

Note 2 Do **not** include expenses that were deducted in computing the income of the corporation in column D1.

In general, amounts included under subsections 34.2(2) and 34.2(3) or claimed under subsection 34.2(4) are deemed to have the **same character** and be in the **same proportions** as the partnership income they relate to. Amounts claimed under subsection 34.2(11) and included under subsection 34.2(12) are deemed to have the **same character** and be in the **same proportions** as the qualifying transitional income. For example, if a corporation receives $100,000 of partnership income for the partnership's fiscal period ending in its tax year, and that income is made up of $40,000 of active business income, $30,000 of income from property, and $30,000 as a taxable capital gain, the corporation's adjusted stub period accrual (ASPA) in respect of the partnership would be 40% active business income, 30% property income, and 30% taxable capital gains. Add or deduct only the portion of the following amounts that are characterized as **active business income** in accordance with subsection 34.2(5):

Add:

- the ASPA under subsection 34.2(2) (column 4 of Schedule 73)
- the income inclusion for a new corporate member of a partnership under subsection 34.2(3) (column 6 of Schedule 73)
- the previous-year transitional reserve under subsection 34.2(12) (column 12 of Schedule 73)

Deduct:

- the previous-year ASPA under subsection 34.2(4) (column 5 of Schedule 73)
- the previous-year income inclusion for a new corporate member of a partnership under subsection 34.2(4) (column 7 of Schedule 73)
- the current-year transitional reserve under subsection 34.2(11) (column 11 of Schedule 73)

Note 3 When a partnership carries on more than one business, one of which generates income and another of which realizes a loss, the loss is **not** netted against the partnership's income when calculating the prorated business limit (column H1). Enter on line 380 the total of all losses from column F1.

Note 4 For tax years that begin after March 21, 2016, **if** you are a **designated member** of the partnership, enter "0".

Note 5 For tax years that begin after March 21, 2016, you must enter "0" **if** the partnership provides services or property to either:

(A) a private corporation (directly or indirectly in any manner whatever) in the year, if:
- you (or one of your shareholders) or a person that does **not** deal at arm's length with you (or one of your shareholders) holds a direct or indirect interest in the private corporation, and
- it is not the case that all or substantially all of the partnership's income for the year from an active business is from providing services or property to
  - persons (other than the private corporation) that deal at arm's length with the partnership and each person that holds a direct or indirect interest in the partnership, or
  - partnerships with which the partnership deals at arm's length, other than a partnership in which a person that does **not** deal at arm's length with you holds a direct or indirect interest, or

(B) a particular partnership (directly or indirectly in any manner whatever) in the year, if:
- you (or one of your shareholders) do **not** deal at arm's length with the particular partnership or a person that holds a direct or indirect interest in the particular partnership, and
- it is not the case that all or substantially all of the partnership's income for the year from an active business is from providing services or property to
  - persons that deal at arm's length with the partnership and each person that holds a direct or indirect interest in the partnership, or
  - partnerships (other than the particular partnership) with which the partnership deals at arm's length, other than a partnership in which a person that does **not** deal at arm's length with you holds a direct or indirect interest.

Note 6 A person that is a member of a partnership can make an assignment of **specified partnership business limit** under subsection 125(8) to a **designated member** for any tax year that **starts after** March 21, 2016. Also, that person can make an assignment for its tax year that **starts before** March 22, 2016 and **ends after** March 21, 2016 if the tax year of the **designated member starts after** March 21, 2016.

Note 7 If you are a **designated member** receiving an assignment of **specified partnership business limit,** complete Table 2 to determine the amounts to enter in Table 1 column I1.

Note 8 If you are a corporation that is a **member** of the partnership and you are assigning **specified partnership business limit**, complete Table 3 to determine the amounts to enter in Table 1 column J1.

Note 9 Add the amounts in column H2 that are for the same partnership and enter it in Table 1 column I1, in the row of the applicable partnership.

Note 10 Add the amounts in column F3 that are for the same partnership and enter it in Table 1 column J1, in the row of the applicable partnership. This amount **cannot** be higher than the amount of prorated business limit you would otherwise be entitled to in Table 1 column H1 for that partnership.

Note 11 If negative, enter amount in brackets, and **add** instead of subtracting.

Note 12 Net of related expenses.

Note 13 This amount is [as defined in subsection 125(7) **specified corporate income** (a)(i)] the total of all amounts, each of which is your income from an active business for the year from providing services or property to a private corporation (directly or indirectly, in any manner whatever) if

(A) at any time in the year, you (or one of your shareholders) or a person that does **not** deal at arm's length with you (or one of your shareholders) holds a direct or indirect interest in the private corporation, and

(B) it is not the case that all or substantially all of your income for the year from an active business is from providing services or property to
  - (I) persons (other than the private corporation) with which you deal at arm's length, or
  - (II) partnerships with which you deal at arm's length, other than a partnership in which a person that does **not** deal at arm's length with you holds a direct or indirect interest.

Do **not** include income from an associated corporation if the conditions described in subsection 125(10) are met.

Note 14 The amount of business limit that a CCPC can assign to you cannot be greater than the amount in column BB that is from providing services or property **directly** to that CCPC. If there is an amount included in column BB that is deductible by that CCPC in respect of the amount of its income referred to in clause 125(1)(a)(i)(A) or (B) for its tax year, you need to deduct it from column BB for the purpose of determining the amount that can be assigned to you.

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Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business Number	Tax year end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

For more information, see the section called "Capital Cost Allowance" in the *T2 Corporation Income Tax Guide*.

Is the corporation electing under *Regulation* 1101(5q)? 101 1 Yes ☐ 2 No ☒

	1 Class number (See Note) 200	Description	2 Undepreciated capital cost at the beginning of the year (amount from column 12 of last year's schedule 8) 201	3 Cost of acquisitions during the year (new property must be available for use)* 203	4 Adjustments and transfers** 205	5 Proceeds of dispositions during the year (amount not to exceed the capital cost) 207	6 50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds column 5)*** 211	7 Reduced undepreciated capital cost	8 CCA rate % **** 212	9 Recapture of capital cost allowance***** (line 107 of Schedule 1) 213	10 Terminal loss (line 404 of Schedule 1) 215	11 Capital cost allowance (for declining balance method, column 7 **multiplied** by column 8, or a lower amount) (line 403 of Schedule 1) ****** 217	12 Undepreciated capital cost at the end of the year (column 6 **plus** column 7 **minus** column 11) 220
1.	1	1908 Buildings	20,089,145	42,469		0	21,235	20,110,379	4	0	0	804,415	19,327,199
2.	10	1930-1935-1940-1945	942,140	199,027		8,000	95,514	1,037,653	30	0	0	311,296	821,871
3.	8	1915 Office Furniture & Equipme	231,910	20,672		0	10,336	242,246	20	0	0	48,449	204,133
4.	17	1955-1956 Communication Equi	186,589			0		186,589	8	0	0	14,927	171,662
5.	47	18xx Distribution Plant	25,813,455	4,158,468	334,547	10,863	2,073,803	28,221,804	8	0	0	2,257,744	28,037,863
6.	50	1920 Computer Equipment	21,399	117,329		0	58,665	80,063	55	0	0	44,035	94,693
7.	43.2	2075 Solar Photovoltaic Equipme	602,279			0		602,279	50	0	0	301,140	301,139
8.	12	1611 Computer Software	8,522	4,632		0	2,316	10,838	100	0	0	10,838	2,316
9.	95	2055 CIP	564,175		-334,547	0		229,628	0	0	0		229,628
		Totals	48,459,614	4,542,597		18,863	2,261,869	50,721,479				3,792,844	49,190,504

Note: Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed. Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

* Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions that are not subject to the 50% rule, see *Regulation* 1100(2) and (2.2).

** Enter in column 4, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost. Items that **increase** the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that **reduce** the undepreciated capital cost include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the *T2 Corporation Income Tax Guide* for other examples of adjustments and transfers to include in column 4.

*** The net cost of acquisitions is the cost of acquisitions (column 3) **plus** or **minus** certain adjustments and transfers from column 4. For information on the exceptions to the 50% rule, as well as how to calculate the amounts to enter in column 6 in those cases, see Interpretation Bulletin IT-285, *Capital Cost Allowance - General Comments*.

**** Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 11.

***** For every entry in column 9, the "Recapture of capital cost allowance" there must be a corresponding entry in column 5, "Proceeds of dispositions during the year". The recapture and terminal loss rules do not apply to passenger vehicles in Class 10.1.

****** If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the *T2 Corporation Income Tax Guide* for more information.

T2 SCH 8 (14)

Canada

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SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the *T2 Corporation Income Tax Guide*.

	Name 100	Country of residence (other than Canada) 200	Business number (see note 1) 300	Relationship code (see note 2) 400	Number of common shares you own 500	% of common shares you own 550	Number of preferred shares you own 600	% of preferred shares you own 650	Book value of capital stock 700
1.	Essex Energy Corporation		87007 1123 RC0001	3					
2.	Essex Power Services Corporation		86612 1635 RC0001	3					
3.	Essex Power Corporation		86953 5435 RC0001	1					
4.	Utilismart Corporation		86443 9450 RC0001	3					
5.	Wattsworth Analysis Inc.		87746 8108 RC0001	3					
6.	Enerconnect Inc.		87367 1499 RC0001	3					
7.	Enermajica Ontario Inc.		88660 6409 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.
Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

T2 SCH 9 (11)

Canada

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SCHEDULE 10

CUMULATIVE ELIGIBLE CAPITAL DEDUCTION

Name of corporation	Business Number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- For use by a corporation that has eligible capital property. For more information, see the *T2 Corporation Income Tax Guide*.
- A separate cumulative eligible capital account must be kept for each business.

Part 1 – Calculation of current year deduction and carry-forward

Cumulative eligible capital - Balance at the end of the preceding taxation year (if negative, enter "0") ..... 200 88,387 A

Add: Cost of eligible capital property acquired during the taxation year 222 2,644

Other adjustments 226

Subtotal (line 222 plus line 226) 2,644 x 3 / 4 = 1,983 B

Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an eligible capital property to the corporation after December 20, 2002 ..... 228 x 1 / 2 = C

amount B minus amount C (if negative, enter "0") 1,983 ▶ 1,983 D

Amount transferred on amalgamation or wind-up of subsidiary ..... 224 E

Subtotal (add amounts A, D, and E) 230 90,370 F

Deduct: Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all eligible capital property during the taxation year .... 242 G

The gross amount of a reduction in respect of a forgiven debt obligation as provided for in subsection 80(7) ..... 244 H

Other adjustments ..... 246 I

(add amounts G,H, and I) x 3 / 4 = 248 J

Cumulative eligible capital balance (amount F minus amount J) ..... 90,370 K

(if amount K is negative, enter "0" at line M and proceed to Part 2)

Cumulative eligible capital for a property no longer owned after ceasing to carry on that business 249

amount K 90,370

less amount from line 249

90,370 x 7.00 % = 250 6,326 *

Current year deduction .....

(line 249 plus line 250) (enter this amount at line 405 of Schedule 1) 6,326 ▶ 6,326 L

Cumulative eligible capital – Closing balance (amount K minus amount L) (if negative, enter "0") ..... 300 84,044 M

* You can claim any amount up to the maximum deduction of 7%. The deduction may not exceed the maximum amount prorated by the number of days in the taxation year divided by 365.

Part 2 – Amount to be included in income arising from disposition

(complete this part only if the amount at line K is negative)

Amount from line K (show as positive amount)				N
Total of cumulative eligible capital (CEC) deductions from income for taxation years beginning after June 30, 1988		400	1	
Total of all amounts which reduced CEC in the current or prior years under subsection 80(7)		401	2	
Total of CEC deductions claimed for taxation years beginning before July 1, 1988	402	3		
Negative balances in the CEC account that were included in income for taxation years beginning before July 1, 1988	408	4		
Line 3 minus line 4 (if negative, enter "0")		▶	5	
Total of lines 1, 2 and 5			6	
Amounts included in income under paragraph 14(1)(b), as that paragraph applied to taxation years ending after June 30, 1988 and before February 28, 2000, to the extent that it is for an amount described at line 400		7		
Amounts at line T from Schedule 10 of previous taxation years ending after February 27, 2000		8		
Subtotal (line 7 plus line 8)	409	▶	9	
Line 6 minus line 9 (if negative, enter "0")			▶	O
Line N minus line O (if negative, enter "0")				P
Line 5	x 1 / 2 =			Q
Line P minus line Q (if negative, enter "0")				R
Amount R	x 2 / 3 =			S
Amount N or amount O, whichever is less				T
Amount to be included in income (amount S plus amount T) (enter this amount on line 108 of Schedule 1)			410	

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SCHEDULE 14

MISCELLANEOUS PAYMENTS TO RESIDENTS

Name of corporation	Business Number	Tax year end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- This schedule must be completed by all corporations who made the following payments to residents of Canada: royalties for which the corporation has not filed a T5 slip; research and development fees; management fees; technical assistance fees; and similar payments.
- Please enter the name and address of the recipient and the amount of the payment in the applicable column. If several payments of the same type (i.e., management fees) were made to the same person, enter the total amount paid. If similar types of payments have been made, but do not fit into any of the categories, enter these amounts in the column entitled "Similar payments".

	Name of recipient 100	Address of recipient 200	Royalties 300	Research and development fees 400	Management fees 500	Technical assistance fees 600	Similar payments 700
1	Essex Power Corporation	2730 Highway 3 Oldcastle ON CA N0R 1L0			1,085,000		

Canada

T2 SCH 14 (99)

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Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year, is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group. Include non-CCPCs and CCPCs that have filed an election under subsection 256(2) of the *Income Tax Act* not to be associated for purposes of the small business deduction.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless code 5 applies)

2 – CCPC that is a "third corporation" that has elected under subsection 256(2) not to be associated for purposes of the small business deduction

3 – Non-CCPC that is a "third corporation" as defined in subsection 256(2)

4 – Associated non-CCPC

5 – Associated CCPC to which code 1 does not apply because of a subsection 256(2) election made by a "third corporation"

Column 4: Enter the business limit for the year of each corporation in the associated group.

Column 5: Assign a percentage to allocate the business limit to each corporation that has an association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . . 025 Year Month Day

Enter the calendar year to which the agreement applies . . . . . 050 Year 2016

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . . 075 1 Yes ☐ 2 No ☒

	1 Names of associated corporations 100	2 Business number of associated corporations 200	3 Association code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400
1	Essex Powerlines Corporation	87006 6529 RC0001	1	500,000	100.0000	500,000
2	Essex Energy Corporation	87007 1123 RC0001	1	500,000		
3	Essex Power Services Corporation	86612 1635 RC0001	1	500,000		
4	Essex Power Corporation	86953 5435 RC0001	1	500,000		
5	Utilismart Corporation	86443 9450 RC0001	1	500,000		
6	Wattsworth Analysis Inc.	87746 8108 RC0001	1	500,000		
7	Enerconnect Inc.	87367 1499 RC0001	1	500,000		
8	Enermajica Ontario Inc.	88660 6409 RC0001	1	500,000		
				Total	100.0000	500,000 A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

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Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 *Corporation Income Tax Return* no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 181(1) defines the terms **financial institution**, **long-term debt**, and **reserves**.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, **Taxable capital employed in Canada**.

Part 1 – Capital

Add the following year-end amounts:

Reserves that have not been deducted in calculating income for the year under Part I	101		
Capital stock (or members' contributions if incorporated without share capital)	103	15,773,000	
Retained earnings	104	8,832,000	
Contributed surplus	105		
Any other surpluses	106	374,000	
Deferred unrealized foreign exchange gains	107		
All loans and advances to the corporation	108		
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109		
Any dividends declared but not paid by the corporation before the end of the year	110	1,046,000	
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111		
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112		
Subtotal (**add** lines 101 to 112)		26,025,000 ▶	26,025,000 A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if

a) those lines applied to partnerships in the same manner that they apply to corporations, and

b) those amounts were computed without reference to amounts owing by the partnership

(i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or

(ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1) 26,025,000 A

duct the following amounts:

Deferred tax debit balance at the end of the year	121		
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122		
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123		
Deferred unrealized foreign exchange losses at the end of the year	124		
Subtotal (**add** lines 121 to 124)		▶	B
Capital for the year (amount A **minus** amount B) (if negative, enter "0")	190		26,025,000

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	
A loan or advance to another corporation (other than a financial institution)	402	
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(d)), or another partnership described in paragraph 181.2(4)(d.1)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	

tes:

Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).

2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		26,025,000 C
Deduct: Investment allowance for the year (line 490)		D
Taxable capital for the year (amount C **minus** amount D) (if negative, enter "0")	500	26,025,000

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500) 26,025,000 x Taxable income earned in Canada / Taxable income **610** 1,932,721 / 1,932,721 = **Taxable capital employed in Canada** **690** 26,025,000

Notes:
1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **701** _____

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . . **711** _____

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . . **712** _____

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . . **713** _____

Total deductions (**add** lines 711, 712, and 713) _____ ▶ _____ E

Taxable capital employed in Canada (line 701 **minus** amount E) (if negative, enter "0") . . . . . **790** _____

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690) . . . . . _____ F

Deduct: . . . . . 10,000,000 G

Excess (amount F **minus** amount G) (if negative, enter "0") _____ H

Calculation for purposes of the small business deduction (amount H x 0.225%) . . . . . _____ I

Enter this amount at line 415 of the T2 return.

Attached Schedule with Total

rt 1 – All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations

Title Part 1 – All indebtedness of the corporation represented by bonds, debentu

Description	Operator (Note)	Amount
Long term debt		
Current portion long term debt	+	
	+	
	Total	

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attached Schedule with Total

rt 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Operator (Note)	Amount
Due to affiliates		
Shareholder loan	+	
	+	
	Total	

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attached Schedule with Total

rt 1 – Reserves that have not been deducted in calculating income for the year under Part I

Title Part 1 – Reserves that have not been deducted in computing income for th

Description	Operator (Note)	Amount
Employee future benefits	+	
Interest rate swap	+	
	+	
	+	
	+	
	Total	

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

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SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust) 100	Provide only one number per shareholder: Business Number (If a corporation is not registered, enter "NR") 200	Social insurance number 300	Trust number 350	Percentage common shares 400	Percentage preferred shares 500
1	ESSEX POWER CORPORATION	86953 5435 RC0001			100.000	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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Schedule 53

General Rate Income Pool (GRIP) Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

On: 2016-12-31

- If you are a Canadian-controlled private corporation (CCPC) or a deposit insurance corporation (DIC), use this schedule to determine the general rate income pool (GRIP).
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- When an eligible dividend was paid in the tax year, file a completed copy of this schedule with your *T2 Corporation Income Tax Return*. Do not send your worksheets with your return, but keep them in your records in case we ask to see them later.
- Subsection 89(1) defines the terms **eligible dividend**, **excessive eligible dividend designation**, **general rate income pool**, and **low rate income pool**.

Eligibility for the various additions

Answer the following questions to determine the corporation's eligibility for the various additions:

2006 addition

1. Is this the corporation's first taxation year that includes January 1, 2006? . . . . . ☐ Yes ☒ No
2. If not, what is the date of the taxation year end of the corporation's first year that includes January 1, 2006? Enter the date and go directly to question 4 2006-12-31
3. During that first year, was the corporation a CCPC or would it have been a CCPC if not for the election of subsection 89(11) ITA? . . . . . ☒ Yes ☐ No
   If the answer to question 3 is yes, complete Part "GRIP addition for 2006".

Change in the type of corporation

4. Was the corporation a CCPC during its preceding taxation year? . . . . . ☒ Yes ☐ No
5. Corporations that become a CCPC or a DIC . . . . . ☐ Yes ☒ No
   If the answer to question 5 is yes, complete Part 4.

Amalgamation (first year of filing after amalgamation)

6. Corporations that were formed as a result of an amalgamation . . . . . ☐ Yes ☒ No
   If the answer to question 6 is yes, answer questions 7 and 8. If the answer is no, go to question 9.
7. Was one or more of the predecessor corporations neither a CCPC nor a DIC? . . . . . ☐ Yes ☐ No
   If the answer to question 7 is yes, complete Part 4.
8. Was one or more of the predecessor corporation a CCPC or a DIC during the taxation year that ended immediately before amalgamation? . . . . . ☐ Yes ☐ No
   If the answer to question 8 is yes, complete Part 3.

Winding-up

9. Has the corporation wound-up a subsidiary in the preceding taxation year? . . . . . ☐ Yes ☒ No
   If the answer to question 9 is yes, answer questions 10 and 11. If the answer is no, go to Part 1.
10. Was the subsidiary neither a CCPC nor a DIC during its last taxation year? . . . . . ☐ Yes ☐ No
    If the answer to question 10 is yes, complete Part 4.
11. Was the subsidiary a CCPC or a DIC during its last taxation year? . . . . . ☐ Yes ☐ No
    If the answer to question 11 is yes, complete Part 3.

Part 1 – General rate income pool (GRIP)

GRIP at the end of the previous tax year				100	11,666,483 A
xable income for the year (DICs enter "0") *			110	1,932,721 B	
Income for the credit union deduction * (amount E in Part 3 of Schedule 17)	120				
Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less *	130				
For a CCPC, the lesser of aggregate investment income (line 440 of the T2 return) and taxable income *	140	51,929			
Subtotal (**add** lines 120, 130, and 140)		51,929	▶	51,929 C	
Income taxable at the general corporate rate (amount B **minus** amount C) (if negative enter "0")			150	1,880,792	
After-tax income (line 150 **multiplied** by 0.72 (the general rate factor for the tax year))					190 1,354,170 D
Eligible dividends received in the tax year			200		
Dividends deductible under section 113 received in the tax year			210		
Subtotal (line 200 **plus** line 210)				▶	E
Becoming a CCPC (amount W5 in Part 4)			220		
Post-amalgamation (total of amounts E4 in Part 3 and amounts W5 in Part 4)			230		
Post-wind-up (total of amounts E4 in Part 3 and amounts W5 in Part 4)			240		
Subtotal (**add** lines 220, 230, and 240)			290	▶	F
Subtotal (**add** amounts A, D, E, and F)					13,020,653 G
Eligible dividends paid in the previous tax year			300		
Excessive eligible dividend designations made in the previous tax year			310		
(If becoming a CCPC (subsection 89(4) applies), enter "0" on lines 300 and 310.)					
Subtotal (line 300 **minus** line 310)				▶	H
GRIP before adjustment for specified future tax consequences (amount G **minus** amount H) (amount can be negative)					490 13,020,653
tal GRIP adjustment for specified future tax consequences to previous tax years (amount N3 in Part 2)					560
GRIP at the end of the tax year (line 490 **minus** line 560)					590 13,020,653

Enter this amount on line 160 of Schedule 55.

* For lines 110, 120, 130, and 140, the income amount is the amount before considering specified future tax consequences. This phrase is defined in subsection 248(1). It includes the deduction of a loss carryback from subsequent tax years, a reduction of Canadian exploration expenses and Canadian development expenses that were renounced in subsequent tax years (e.g., flow-through share renunciations), reversals of income inclusions where an option is exercised in subsequent tax years, and the effect of certain foreign tax credit adjustments.

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years

Complete this part if the corporation's taxable income of any of the previous three tax years took into account the specified future tax consequences defined in subsection 248(1) from the current tax year. Otherwise, enter "0" on line 560..

First previous tax year 2015-12-31

Taxable income before specified future tax consequences from the current tax year		1,710,337 A1		
Enter the following amounts before specified future tax consequences from the current tax year:				
Income for the credit union deduction (amount E in Part 3 of Schedule 17)	B1			
Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less	C1			
Aggregate investment income (line 440 of the T2 return)	D1			
Subtotal (**add** amounts B1, C1, and D1)		▶	E1	
Subtotal (amount A1 **minus** amount E1) (if negative, enter "0")		1,710,337	▶	1,710,337 F1

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . . _____ G1

Enter the following amounts after specified future tax consequences:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . _____ H1

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . _____ I1

Aggregate investment income (line 440 of the T2 return) . . . . . _____ J1

Subtotal (**add** amounts H1, I1, and J1) _____ ▶ _____ K1

Subtotal (amount G1 **minus** amount K1) (if negative, enter "0") _____ ▶ _____ L1

Subtotal (amount F1 **minus** amount L1) (if negative, enter "0") _____ M1

GRIP adjustment for specified future tax consequences to the first previous tax year

(amount M1 **multiplied** by 0.72) . . . . . 500 _____

Second previous tax year 2014-12-31

Taxable income before specified future tax consequences from the current tax year . . . . . _____ A2

Enter the following amounts before specified future tax consequences from the current tax year:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . _____ B2

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . _____ C2

Aggregate investment income (line 440 of the T2 return) . . . . . _____ D2

Subtotal (**add** amounts B2, C2, and D2) _____ ▶ _____ E2

Subtotal (amount A2 **minus** amount E2) (if negative, enter "0") _____ ▶ _____ F2

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . . _____ G2

Enter the following amounts after specified future tax consequences:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . _____ H2

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . _____ I2

Aggregate investment income (line 440 of the T2 return) . . . . . _____ J2

Subtotal (**add** amounts H2, I2, and J2) _____ ▶ _____ K2

Subtotal (amount G2 **minus** amount K2) (if negative, enter "0") _____ ▶ _____ L2

Subtotal (amount F2 **minus** amount L2) (if negative, enter "0") _____ M2

GRIP adjustment for specified future tax consequences to the second previous tax year

(amount M2 **multiplied** by 0.72) . . . . . 520 _____

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Third previous tax year 2013-12-31

Taxable income before specified future tax consequences from the current tax year . . . . . _____ A3

Enter the following amounts before specified future tax consequences from the current tax year:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . _____ B3

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . _____ C3

Aggregate investment income (line 440 of the T2 return) . . . . . _____ D3

Subtotal (**add** amounts B3, C3, and D3) _____ ▶ _____ E3

Subtotal (amount A3 **minus** amount E3) (if negative, enter "0") _____ ▶ _____ F3

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . . _____ G3

Enter the following amounts after specified future tax consequences:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . _____ H3

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . _____ I3

Aggregate investment income (line 440 of the T2 return) . . . . . _____ J3

Subtotal (**add** amounts H3, I3, and J3) _____ ▶ _____ K3

Subtotal (amount G3 **minus** amount K3) (if negative, enter "0") _____ ▶ _____ L3

Subtotal (amount F3 **minus** amount L3) (if negative, enter "0") _____ M3

GRIP adjustment for specified future tax consequences to the third previous tax year
(amount M3 **multiplied by** 0.72) . . . . . 540 _____

Total GRIP adjustment for specified future tax consequences to previous tax years:
(**add** lines 500, 520, and 540) (if negative, enter "0") . . . . . _____ N3

Enter amount N3 on line 560 in part 1.

Part 3 – Worksheet to calculate the GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year)

nb. 1 Post amalgamation . . . ☐ Post wind-up . . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary corporation was a CCPC or a DIC in its last tax year. In the calculation below, **corporation** means a predecessor or a subsidiary. The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

For a post-wind-up, include the GRIP addition in calculating the parent's GRIP at the end of its tax year that immediately follows the tax year during which it receives the assets of the subsidiary.

Complete a separate worksheet for **each** predecessor and **each** subsidiary that was a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Corporation's GRIP at the end of its last tax year . . . . . _____ A4

Eligible dividends paid by the corporation in its last tax year . . . . . _____ B4

Excessive eligible dividend designations made by the corporation in its last tax year . . . . . _____ C4

Subtotal (amount B4 **minus** amount C4) _____ ▶ _____ D4

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year)
(amount A4 **minus** amount D4) . . . . . _____ E4

After you complete this calculation for each predecessor and each subsidiary, calculate the total of all the E4 amounts. Enter this total amount on:

- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

Part 4 – Worksheet to calculate the GRIP addition post-amalgamation, post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC

). 1 Corporation becoming a CCPC ..... ☐ Post amalgamation ..... ☐ Post wind-up ..... ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary was not a CCPC or a DIC in its last tax year. Also, use this part for a corporation becoming a CCPC. In the calculation below, **corporation** means a corporation becoming a CCPC, a predecessor, or a subsidiary.

For a post-wind-up, include the GRIP addition in calculating the parent's GRIP at the end of its tax year that immediately follows the tax year during which it receives the assets of the subsidiary.

Complete a separate worksheet for **each** predecessor and **each** subsidiary that was not a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Cost amount to the corporation of all property immediately before the end of its previous/last tax year ..... _____ A5

The corporation's money on hand immediately before the end of its previous/last tax year ..... _____ B5

Total of subsection 111(1) losses that would have been deductible in calculating the corporation's taxable income for the previous/last tax year if the corporation had had unlimited income from each business carried on and each property held and had realized an unlimited amount of capital gains for the previous/last tax year:

Non-capital losses	_____	C5
Net capital losses	_____	D5
Farm losses	_____	E5
Restricted farm losses	_____	F5
Limited partnership losses	_____	G5
Subtotal (**add** amounts C5 to G5)	_____ ▶	_____ H5

Total of all amounts deducted under subsection 111(1) in calculating the corporation's taxable income for the previous/last tax year:

Non-capital losses	_____	I5
Net capital losses	_____	J5
Farm losses	_____	K5
Restricted farm losses	_____	L5
Limited partnership losses	_____	M5
Subtotal (**add** amounts I5 to M5)	_____ ▶	_____ N5
Unused and unexpired losses at the end of the corporation's previous/last tax year (amount H5 **minus** amount N5)	_____ ▶	_____ O5
Subtotal (**add** amounts A5, B5, and O5)		_____ P5

All the corporation's debts and other obligations to pay that were outstanding immediately before the end of its previous/last tax year ..... _____ Q5

Paid-up capital of all the corporation's issued and outstanding shares of capital stock immediately before the end of its previous/last tax year ..... _____ R5

All the corporation's reserves deducted in its previous/last tax year ..... _____ S5

The corporation's capital dividend account immediately before the end of its previous/last tax year ..... _____ T5

The corporation's low rate income pool immediately before the end of its previous/last tax year ..... _____ U5

Subtotal (**add** amounts Q5 to U5) _____ ▶ _____ V5

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC (amount P5 **minus** amount V5) (if negative, enter "0") ..... _____ W5

After you complete this worksheet for each predecessor and each subsidiary, calculate the total of all the W5 amounts. Enter this total amount on:

- line 220 for a corporation becoming a CCPC;
- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

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Schedule 55

Part III.1 Tax on Excessive Eligible Dividend Designations

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

Do not use this area

- Every corporation resident in Canada that pays a taxable dividend (other than a capital gains dividend within the meaning assigned by subsection 130.1(4) or 131(1)) in the tax year must file this schedule.
- Canadian-controlled private corporations (CCPC) and deposit insurance corporations (DIC) must complete Part 1 of this schedule. All other corporations must complete Part 2.
- Every corporation that has paid an eligible dividend must also file Schedule 53, *General Rate Income Pool (GRIP) Calculation*, or Schedule 54, *Low Rate Income Pool (LRIP) Calculation*, whichever is applicable.
- File the completed schedules with your *T2 Corporation Income Tax Return* no later than six months from the end of the tax year.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool (GRIP), and low rate income pool (LRIP).
- The calculations in Part 1 and Part 2 do not apply if the excessive eligible dividend designation arises from the application of paragraph (c) of the definition of excessive eligible dividend designation in subsection 89(1). This paragraph applies when an eligible dividend is paid to artificially maintain or increase the GRIP or to artificially maintain or decrease the LRIP.

Part 1 – Canadian-controlled private corporations and deposit insurance corporations

Taxable dividends paid in the tax year **not included** in Schedule 3				
Taxable dividends paid in the tax year **included** in Schedule 3		1,046,176		
Total taxable dividends paid in the tax year	100	1,046,176		
Total eligible dividends paid in the tax year			150	A
GRIP at the end of the tax year (line 590 on Schedule 53) (if negative, enter "0")			160 13,020,653	B
Excessive eligible dividend designation (line 150 **minus** line 160)				C
Deduct:				
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			180	D
Subtotal (amount C **minus** amount D)				E
Part III.1 tax on excessive eligible dividend designations – CCPC or DIC (amount E **multiplied** by 20 %)			190	F

Enter the amount from line 190 on line 710 of the T2 return.

Part 2 – Other corporations

Taxable dividends paid in the tax year **not included** in Schedule 3				
Taxable dividends paid in the tax year **included** in Schedule 3				
Total taxable dividends paid in the tax year	200			
Total excessive eligible dividend designations in the tax year (amount from line A of Schedule 54)				G
Deduct:				
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			280	H
Subtotal (amount G **minus** amount H)				I
Part III.1 tax on excessive eligible dividend designations – Other corporations (amount I **multiplied** by 20 %)			290	J

Enter the amount from line 290 on line 710 of the T2 return.

* You can elect to treat all or part of your excessive eligible dividend designation as a separate taxable dividend in order to eliminate or reduce the Part III.1 tax otherwise payable. You must file the election on or before the day that is 90 days **after** the day the notice of assessment for Part III.1 tax was sent. We will accept an election before the assessment of the tax. For more information on how to make this election, go to **www.cra.gc.ca/eligibledividends.**

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Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Use this schedule if the corporation had a permanent establishment (as defined in section 400 of the federal *Income Tax Regulations*) in Ontario at any time in the tax year and had Ontario taxable income in the year.
- All legislative references are to the federal *Income Tax Act* and *Income Tax Regulations*.
- This schedule is a worksheet only. You do not have to file it with your *T2 Corporation Income Tax Return*.

Part 1 – Ontario basic rate of tax for the year

Ontario basic rate of tax for the year . . . . . 11.5 % A

Part 2 – Calculation of Ontario basic income tax

Ontario taxable income * . . . . . 1,932,721 B

Ontario basic income tax: amount B **multiplied** by Ontario basic rate of tax for the year (rate A from Part 1) . . . . . 222,263 C

If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, *Tax Calculation Supplementary – Corporations*. Otherwise, enter it on line 760 of the T2 return.

If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or line Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

Part 3 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1) or would have claimed it if subsection 125(5.1) had not been applicable in the tax year.

Income from active business carried on in Canada (amount from line 400 of the T2 return)	1,880,792	1
Federal taxable income, less adjustment for foreign tax credit (amount from line 405 of the T2 return)	1,932,721	2
Federal business limit before the application of subsection 125(5.1) (amount from line 410 of the T2 return)	500,000	3

Ontario business limit reduction:

Amount from line 3 . . . . . 500,000 a

Deduct:

Amount from line E of the T2 return 3,708,311 × (Number of days in the tax year after May 1, 2014 / Number of days in the tax year) 366 / 366 = 3,708,311 b

Reduced Ontario business limit (amount a **minus** amount b) (if negative, enter "0") _____ c

Business limit the CCPC assigns under subsection 125(3.2) ITA _____ d

Amount c **minus** amount d _____ ▶ _____ 4

Enter the least of amounts 1, 2, 3, and 4 . . . . . D

Ontario domestic factor (ODF): (Ontario taxable income * / Taxable income earned in all provinces and territories **) 1,932,721.00 / 1,932,721 = ... 1.00000 E

Amount D × ODF (line E) _____ e

Ontario taxable income (amount B from Part 2) 1,932,721 f

Reduced Ontario business limit (lesser of amount e and amount f) (if negative, enter "0") . . . . . F

OSBD rate for the year . . . . . 7 % G

Ontario small business deduction: amount F **multiplied** by rate G . . . . . H

Enter amount H on line 402 of Schedule 5.

* Enter amount B from Part 2.

** Includes the offshore jurisdictions for Nova Scotia and Newfoundland and Labrador.

Part 4 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount f from Part 3) I

Enter amount I on line K in Part 5 of this schedule or on line B in Part 2 of Schedule 502, *Ontario Tax Credit for Manufacturing and Processing*, whichever applies.

Part 5 – Calculation of credit union tax reduction

Complete this part and Schedule 17, *Credit Union Deductions*, if the corporation was a credit union throughout the tax year.

Amount D from Part 3 of Schedule 17 . . . . . _____ J

Deduct:

Ontario adjusted small business income (amount I from Part 4) . . . . . _____ K

Subtotal (amount J **minus** amount K) (if negative, enter "0") . . . . . _____ L

Amount L **multiplied** by rate G from Part 3 . . . . . _____ M

Ontario domestic factor (line E from Part 3) . . . . . 1.00000 N

Ontario credit union tax reduction (amount M **multiplied** by ODF from line N) . . . . . _____ O

Enter amount O on line 410 of Schedule 5.

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Schedule 510

Ontario Corporate Minimum Tax

Corporation's name	Business number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the *Taxation Act, 2007* (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal *Income Tax Act*;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	110,810,000
Share of total assets from partnership(s) and joint venture(s) *	114	
Total assets of associated corporations (amount from line 450 on Schedule 511)	116	47,000,000
Total assets (total of lines 112 to 116)		157,810,000
Total revenue of the corporation for the tax year **	142	89,668,000
Share of total revenue from partnership(s) and joint venture(s) **	144	
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	18,000,000
Total revenue (total of lines 142 to 146)		107,668,000

The corporation is subject to CMT if:
- for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.
- for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* **Rules for total assets**
- Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.
- The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** **Rules for total revenue**
- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the tax year is less than 51 weeks, **multiply** the total revenue of the corporation or the partnership, whichever applies, by 365 and **divide** by the number of days in the tax year.
- The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

Part 2 – Adjusted net income/loss for CMT purposes

Net income/loss per financial statements *			210	2,585,000
Add (to the extent reflected in income/loss):				
Provision for current income taxes/cost of current income taxes	220	170,000		
Provision for deferred income taxes (debits)/cost of future income taxes	222	699,000		
Equity losses from corporations	224			
Financial statement loss from partnerships and joint ventures	226			
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230			
Other additions (see note below):				
Share of adjusted net income of partnerships and joint ventures **	228			
Total patronage dividends received, not already included in net income/loss	232			
281	282			
283	284			
Subtotal		869,000 ▶		869,000 A
Deduct (to the extent reflected in income/loss):				
Provision for recovery of current income taxes/benefit of current income taxes	320			
Provision for deferred income taxes (credits)/benefit of future income taxes	322			
Equity income from corporations	324			
Financial statement income from partnerships and joint ventures	326			
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	330			
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	332			
Gain on donation of listed security or ecological gift	340			
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342			
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344			
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346			
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348			
Other deductions (see note below):				
Share of adjusted net loss of partnerships and joint ventures **	328			
Tax payable on dividends under subsection 191.1(1) of the federal Act **multiplied** by 3	334			
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	336			
Patronage dividends paid (from Schedule 16) not already included in net income/loss	338			
381	382			
383	384			
385	386			
387	388			
389	390			
Subtotal		▶		B
Adjusted net income/loss for CMT purposes (line 210 **plus** amount A **minus** amount B)			490	3,454,000

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with *Ontario Regulation 37/09*, when calculating net income for CMT purposes, accounting income should be adjusted to:

- exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
- include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* **Rules for net income/loss**

- Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal *Bank Act*, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

- Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, **multiply** the net income/loss by the ratio of the Canadian reserve liabilities **divided** by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.
- Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.
- Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the *T2 Corporation – Income Tax Guide*.

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive)		515	3,454,000
Deduct:			
CMT loss available (amount R from Part 7)			
Minus: Adjustment for an acquisition of control *	518		
Adjusted CMT loss available			C
Net income subject to CMT calculation (if negative, enter "0")		520	3,454,000

Amount from line 520	3,454,000	x	Number of days in the tax year before July 1, 2010 / Number of days in the tax year	x 4 % =		1
Amount from line 520	3,454,000	x	Number of days in the tax year after June 30, 2010 / Number of days in the tax year	366 / 366 x 2.7 % =	93,258	2
			Subtotal (amount 1 **plus** amount 2)		93,258	3

Gross CMT: amount on line 3 above x OAF **		540	93,258
Deduct:			
Foreign tax credit for CMT purposes ***		550	
CMT after foreign tax credit deduction (line 540 **minus** line 550) (if negative, enter "0")			93,258 D
Deduct:			
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)			222,263
Net CMT payable (if negative, enter "0")			E

Enter amount E on line 278 of Schedule 5, *Tax Calculation Supplementary – Corporations*, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

**** **Calculation of the Ontario allocation factor (OAF):**

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** = _____

Ontario allocation factor 1.00000 F

** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxable income were $1,000.

***** Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year * . . . . . G

Deduct:

CMT credit expired * 600

CMT credit carryforward at the beginning of the current tax year * (see note below) . . . . . ▶ 620

Add:

CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below) 650

CMT credit available for the tax year (amount on line 620 **plus** amount on line 650) . . . . . H

Deduct:

CMT credit deducted in the current tax year (amount P from Part 5) I

Subtotal (amount H **minus** amount I) J

Add:

Net CMT payable (amount E from Part 3) . . . . . .

SAT payable (amount O from Part 6 of Schedule 512) . . . . . .

Subtotal ▶ K

CMT credit carryforward at the end of the tax year (amount J **plus** amount K) . . . . . 670 L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:

- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4) . . . . . M

Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5) 222,263 1

For a corporation that is not a life insurance corporation:

CMT after foreign tax credit deduction (amount D from Part 3) . . 93,258 2

For a life insurance corporation:

Gross CMT (line 540 from Part 3) 3

Gross SAT (line 460 from Part 6 of Schedule 512) 4

The **greater** of amounts 3 and 4 5

Deduct: line 2 or line 5, whichever applies: 93,258 6

Subtotal (if negative, enter "0") 129,005 ▶ 129,005 N

Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5) 222,263

Deduct:

Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 **minus** line 450 from Schedule 5) 3,000

Subtotal (if negative, enter "0") 219,263 ▶ 219,263 O

CMT credit deducted in the current tax year (least of amounts M, N, and O) . . . . . P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? . . . . . 675 1 Yes ☐ 2 No ☒

If you answered **yes** to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year * . . . . . Q

Deduct:

CMT loss expired * 700

CMT loss carryforward at the beginning of the tax year * (see note below) . . . . . ▶ 720

Add:

CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below) 750

CMT loss available (line 720 **plus** line 750) . . . . . R

Deduct:

CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3) . . . . . .

Subtotal (if negative, enter "0") S

Add:

Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if **negative**) (enter as a positive amount) 760

CMT loss carryforward balance at the end of the tax year (amount S **plus** line 760) . . . . . 770 T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:

- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year		829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the *T2 Corporation Income Tax Return*.

	Names of associated corporations 200	Business number (Canadian corporation only) (see Note 1) 300	Total assets* (see Note 2) 400	Total revenue** (see Note 2) 500
1	Essex Energy Corporation	87007 1123 RC0001	0	0
2	Essex Power Services Corporation	86612 1635 RC0001	0	0
3	Essex Power Corporation	86953 5435 RC0001	47,000,000	18,000,000
4	Utilismart Corporation	86443 9450 RC0001	0	0
5	Wattsworth Analysis Inc.	87746 8108 RC0001	0	0
6	Enerconnect Inc.	87367 1499 RC0001	0	0
7	Enermajica Ontario Inc.	88660 6409 RC0001	0	0
		Total	450 47,000,000	550 18,000,000

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, *Ontario Corporate Minimum Tax*.
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter "NR" if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

*** Rules for total assets**

- Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.
- Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

**** Rules for total revenue**

- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of those tax years by 365 and **divide** by the total number of days in all of those tax years.
- If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, **multiply** the associated corporation's total revenue by 365 and **divide** by the number of days in the associated corporation's tax year.
- Include the associated corporation's share of the total revenue of partnerships and joint ventures.
- If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.

Canada

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario *Business Corporations Act* (BCA) or Ontario *Corporations Act* (CA), except for registered charities under the federal *Income Tax Act*. This completed schedule serves as a *Corporations Information Act* Annual Return under the *Ontario Corporations Information Act*.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario *Corporations Information Act* Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit **www.ServiceOntario.ca** for more information.
- This schedule contains non-tax information collected under the authority of the Ontario *Corporations Information Act*. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)			
Essex Powerlines Corporation			
Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	110 Date of incorporation or amalgamation, whichever is the most recent	Year Month Day	120 Ontario Corporation No.
Ontario		2000-04-18	1413911

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)			
210 Street number	220 Street name/Rural route/Lot and Concession number	230 Suite number	
2730	Highway 3		
240 Additional address information if applicable (line 220 must be completed first)			
250 Municipality (e.g., city, town)	260 Province/state	270 Country	280 Postal/zip code
Oldcastle	ON	CA	N0R 1L0

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit **www.ServiceOntario.ca**.

300 [1] If there have been no changes, enter **1** in this box and then go to "Part 4 – Certification."
If there are changes, enter **2** in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this *Corporations Information Act* Annual Return is true, correct, and complete.

450 Barile
Last name

451 Joe
First name

454 _____
Middle name(s)

460 [1] Please enter one of the following numbers in this box for the above-named person: **1** for director, **2** for officer, or **3** for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter **1** or **2**.

Note: Sections 13 and 14 of the Ontario *Corporations Information Act* provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 [ ] Please enter one of the following numbers in this box:

1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)		
520 Street number	530 Street name/Rural route/Lot and Concession number	540 Suite number
550 Additional address information if applicable (line 530 must be completed first)		
560 Municipality (e.g., city, town)	570 Province/state	580 Country	590 Postal/zip code

Part 6 – Language of preference

600 [ ] Indicate your language of preference by entering **1** for English or **2** for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Tax year-end Year Month Day
Essex Powerlines Corporation	87006 6529 RC0001	2016-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the *Taxation Act, 2007* (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the *T2 Corporation Income Tax Return*.

File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number including area code
Maxim Picco	(519) 737-9811

Is the claim filed for a CETC earned through a partnership?* . . . . . 150 1 Yes ☐ 2 No ☒

If you answered **yes** to the question at line 150, what is the name of the partnership? . . . . . 160 _____

Enter the percentage of the partnership's CETC allocated to the corporation . . . . . 170 _____ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . 200 1 Yes ☒ 2 No ☐
2. Was the corporation exempt from tax under Part III of the *Taxation Act*, 2007 (Ontario)? . . . . . 210 1 Yes ☐ 2 No ☒

If you answered **no** to question 1 or **yes** to question 2, then the corporation is **not eligible** for the CETC.

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * 300 601,000

For eligible expenditures incurred before March 27, 2009:

- If line 300 is $400,000 or less, enter 15% on line 310.
- If line 300 is $600,000 or more, enter 10% on line 310.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\% - \left[5\% \times \frac{(\text{amount on line 300 minus } \$\ 400{,}000)}{\$\ 200{,}000} \right]$$

Eligible percentage for determining the eligible amount . . . . . 310 10.000 %

For eligible expenditures incurred after March 26, 2009:

- If line 300 is $400,000 or less, enter 30% on line 312.
- If line 300 is $600,000 or more, enter 25% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\% - \left[5\% \times \frac{(\text{amount on line 300 minus } \$\ 400{,}000)}{\$\ 200{,}000} \right]$$

Eligible percentage for determining the eligible amount . . . . . 312 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the *Taxation Act, 2007* (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution 400	B Name of qualifying co-operative education program 405
1.	Univeristy of Windsor	BAS-Electrical Engineering
2.		

	C Name of student 410	D Start date of WP (see note 1 below) 430	E End date of WP (see note 2 below) 435
1.	Jacob Weninger	2016-05-01	2016-08-31
2.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below) 450	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below) 452	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	12,229	25.000 %		17
2.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
1.	3,057	3,000	3,000		3,000
2.					

Ontario co-operative education tax credit (total of amounts in column K) 500 3,000 L

or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount L:

Amount L _____ x percentage on line 170 in Part 1 _____ % = ... _____ M

Enter amount L or M, whichever applies, on line 452 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a **separate entry** for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received. Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

Attached Schedule with Total

FDCFF.UnusedTtwcff30

Title Tax return – Other – Amount

Explanatory note

Amortization of land easements included in T2S1 add back of amortization expense

Description	Operator (Note)	Amount
Construction in progress - additions		
Change in Inventory included in capital assets	+	
Change in amortization Land Easements (per GIFI)	+	
	Total	

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attachment 4-O

Test Year Income Tax/PILs Work Form

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Version 1.00

Utility Name	Essex Powerlines Corporation
Assigned EB Number	EB-2017-0039
Name and Title	Kristopher Taylor, Director of Corporate Strategy
Phone Number	519-946-2000
Email Address	ktaylor@essexpower.ca
Date	August 28th, 2017
Last COS Re-based Year	**2010**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your rate 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.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILS calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H1 to H13 relate to the Historical Year.
Tabs B1 to B13 relate to the Bridge Year.
Tabs T1 to T13 relate to the Test Year.

The amounts on tabs H1 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

1. Info
S. Summary
A. Data Input Sheet
B. Tax Rates & Exemptions

Historical Year

H0 - PILs, Tax Provision Historical Year
H1 - Adj. Taxable Income Historical Year
H4 - Schedule 4 Loss Carry Forward Historical Year
H8 - Schedule 8 Historical
H10 - Schedule 10 CEC Historical Year
H13 - Schedule 13 Tax Reserves Historical

Bridge Year

B0 - PILs,Tax Provision Bridge Year
B1 - Adj. Taxable Income Bridge Year
B4 - Schedule 4 Loss Carry Forward Bridge Year
B8 - Schedule 8 CCA Bridge Year
B10 - Schedule 10 CEC Bridge Year
B13 - Schedule 13 Tax Reserves Bridge Year

Test Year

T0 PILs, Tax Provision Test Year
T1 Taxable Income Test Year
T4 Schedule 4 Loss Carry Forward Test Year
T8 Schedule 8 CCA Test Year
T13 Schedule 13 Reserve Test Year

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

No inputs required on this worksheet.

Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference		
Adjustments required to arrive at taxable income	as below	**-1,474,349**	
Test Year - Payments in Lieu of Taxes (PILs)	T0	**167,028**	
Test Year - Grossed-up PILs	T0	**227,249**	
Effective Federal Tax Rate	T0	**15.0%**	
Effective Ontario Tax Rate	T0	**11.5%**	

Calculation of Adjustments required to arrive at Taxable Income			
Regulatory Income (before income taxes)	T1	2,104,644	
Taxable Income	T1	630,295	
Difference	calculated	-1,474,349	as above

Income Tax/PILs Workform for 2018 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	Utility Confirmation (Y/N)	Notes
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Yes	
2	The capital additions and deductions in the UCC/ CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Yes	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non- distribution tax amounts on Schedule 8.	Yes	
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the UCC schedules for the same years filed in the application	Yes	
5	Loss carry-forwards, if any, from the tax returns (Schedule 4) agree with those disclosed in the application	Yes	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	Yes	
7	CCA is maximized even if there are tax loss carry-forwards	Yes	
8	Accounting OPEB and pension amounts added back on Schedule 1 to reconcile accounting income to net income for tax purposes, must agree with the OM&A analysis for compensation. The amounts deducted must be reasonable when compared with the notes in the audited financial statements, FSCO reports, and the actuarial valuations.	Yes	
9	The income tax rate used to calculate the tax expense must be consistent with the utility's actual tax facts and evidence filed in the application.	Yes	

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

			Test Year	Bridge Year	
Rate Base		S	**$ 59,927,210**	**$ 57,027,989**	
Return on Ratebase					
Deemed ShortTerm Debt %	4.00%	T	$ 2,397,088	*W = S * T*	
Deemed Long Term Debt %	56.00%	U	$ 33,559,238	*X = S * U*	
Deemed Equity %	40.00%	V	$ 23,970,884	*Y = S * V*	
Short Term Interest Rate	1.76%	Z	$ 42,189	*AC = W * Z*	
Long Term Interest	3.72%	AA	$ 1,248,404	*AD = X * AA*	
Return on Equity (Regulatory Income)	8.78%	AB	**$ 2,104,644**	*AE = Y * AB*	T1
Return on Rate Base			**$ 3,395,236**	*AF = AC + AD + AE*	

Questions that must be answered

	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	No	No	No
2. Does the applicant have any SRED Expenditures?	No	No	No
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe what was the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

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Income Tax/PILs Workform for 2018 Filers

Tax Rates Federal & Provincial As of May 16, 2016	Effective January 1, 2013	Effective January 1, 2014	Effective January 1, 2015	Effective January 1, 2016	Effective January 1, 2017	Effective January 1, 2018
Federal income tax						
General corporate rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal tax abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted federal rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario income tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal small business threshold	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Threshold	500,000	500,000	500,000	500,000	500,000	500,000
Federal small business rate	11.00%	11.00%	11.00%	10.50%	10.50%	10.50%
Ontario small business rate	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 1,932,721	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**D = B+C**
Total Income Taxes					**$ 512,171**	**E = A * D**
Investment Tax Credits					$ -	**F**
Miscellaneous Tax Credits					$ 3,000	**G**
Total Tax Credits					**$ 3,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ 509,171**	**I = E - H**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	A	3,454,000		3,454,000
Additions:				
Interest and penalties on taxes	103			0
Amortization of tangible assets	104	2,182,000		2,182,000
Amortization of intangible assets	106	67,000		67,000
Recapture of capital cost allowance from Schedule 8	107			0
Gain on sale of eligible capital property from Schedule 10	108			0
Income or loss for tax purposes- joint ventures or partnerships	109			0
Loss in equity of subsidiaries and affiliates	110			0
Loss on disposal of assets	111			0
Charitable donations	112			0
Taxable Capital Gains	113	51,929		51,929
Political Donations	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118			0
Capitalized interest	119			0
Non-deductible club dues and fees	120			0
Non-deductible meals and entertainment expense	121	1,815		1,815
Non-deductible automobile expenses	122			0
Non-deductible life insurance premiums	123			0
Non-deductible company pension plans	124			0
Tax reserves deducted in prior year	125			0
Reserves from financial statements- balance at end of year	126			0
Soft costs on construction and renovation of buildings	127			0
Book loss on joint ventures or partnerships	205			0
Capital items expensed	206			0
Debt issue expense	208			0
Development expenses claimed in current year	212			0
Financing fees deducted in books	216			0
Gain on settlement of debt	220			0
Non-deductible advertising	226			0
Non-deductible interest	227			0
Non-deductible legal and accounting fees	228			0
Recapture of SR&ED expenditures	231			0
Share issue expense	235			0
Write down of capital property	236			0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237			0
Other Additions				
Interest Expensed on Capital Leases	290			0
Realized Income from Deferred Credit Accounts	291			0
Pensions	292			0
Non-deductible penalties	293			0
	294			0
Inducement under 12(1), regulatory adjustments, amort of deferred charge	295	905,446		905,446
ARO Accretion expense				0
Capital Contributions Received (ITA 12(1)(x))				0
Lease Inducements Received (ITA 12(1)(x))				0
Deferred Revenue (ITA 12(1)(a))				0
Prior Year Investment Tax Credits received				0
				0

				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**3,208,190**	**0**	**3,208,190**
Deductions:				
Gain on disposal of assets per financial statements	401	37,263		37,263
Dividends not taxable under section 83	402			0
Capital cost allowance from Schedule 8	403	3,792,844		3,792,844
Terminal loss from Schedule 8	404			0
Cumulative eligible capital deduction from Schedule 10	405	6,326		6,326
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411			0
Tax reserves claimed in current year	413			0
Reserves from financial statements - balance at beginning of year	414			0
Contributions to deferred income plans	416			0
Book income of joint venture or partnership	305			0
Equity in income from subsidiary or affiliates	306			0
Other deductions: (Please explain in detail the nature of the item)				
Interest capitalized for accounting deducted for tax	390			0
Capital Lease Payments	391			0
Non-taxable imputed interest income on deferral and variance accounts	392			0
	393			0
Post-employment benefits, decrease of deferred tax liability, market to market adjustment	394	893,036		893,036
ARO Payments - Deductible for Tax when Paid				0
ITA 13(7.4) Election - Capital Contributions Received				0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				0
Deferred Revenue - ITA 20(1)(m) reserve				0
Principal portion of lease payments				0
Lease Inducement Book Amortization credit to income				0
Financing fees for tax ITA 20(1)(e) and (e.1)				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**4,729,469**	**0**	**4,729,469**
Net Income for Tax Purposes		**1,932,721**	**0**	**1,932,721**
Charitable donations from Schedule 2	311			0
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320			0
Non-capital losses of preceding taxation years from Schedule 4	331			0
Net-capital losses of preceding taxation years from Schedule 4 *(Please include explanation and calculation in Manager's summary)*	332			0
Limited partnership losses of preceding taxation years from Schedule 4	335			0
TAXABLE INCOME		**1,932,721**	**0**	**1,932,721**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 7-1 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Distribution System - post 1987	###########		############
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election			$ -
2	Distribution System - pre 1988			$ -
8	General Office/Stores Equip	$ 204,133.00		$ 204,133.00
10	Computer Hardware/ Vehicles	$ 821,871.00		$ 821,871.00
10.1	Certain Automobiles			$ -
12	Computer Software	$ 106,000.00		$ 106,000.00
13 1	Lease # 1			$ -
13 2	Lease #2			$ -
13 3	Lease # 3			$ -
13 4	Lease # 4			$ -
14	Franchise			$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	$ 171,662.00		$ 171,662.00
42	Fibre Optic Cable			$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment			$ -
43.2	Certain Clean Energy Generation Equipment	$ 301,139.00	$ 301,139.00	$ -
45	Computers & Systems Software acq'd post Mar 22/04			$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			$ -
47	Distribution System - post February 2005	###########		############
50	Data Network Infrastructure Equipment - post Mar 2007	$ 94,693.00		$ 94,693.00
52	Computer Hardware and system software			$ -
95	CWIP	$ 229,628.00		$ 229,628.00
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				0
	SUB-TOTAL - UCC	49,047,634	301,139	48,746,495

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Income Tax/PILs Workform for 2018 Filer

Schedule 10 CEC - Historical Year

Cumulative Eligible Capital				**88,387**
Additions				
Cost of Eligible Capital Property Acquired during Test Year	2,644			
Other Adjustments	0			
Subtotal	2,644	**x 3/4 =**	1,983	
Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an ECP to the Corporation after Friday, December 20, 2002	0	**x 1/2 =**	0	
			1,983	**1,983**
Amount transferred on amalgamation or wind-up of subsidiary	0			**0**
Subtotal				**90,370**
Deductions				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year				
Other Adjustments	0			
Subtotal	0	**x 3/4 =**		**0**
Cumulative Eligible Capital Balance				**90,370**
Current Year Deduction		**90,370**	**x 7% =**	**6,326**
Cumulative Eligible Capital - Closing Balance				**$ 84,044.10**

Ontario Energy Board

Income Tax/PILs Workform for 2

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only
Capital Gains Reserves ss.40(1)			0
Tax Reserves Not Deducted for accounting purposes			
Reserve for doubtful accounts ss. 20(1)(l)			0
Reserve for goods and services not delivered ss. 20(1)(m)			0
Reserve for unpaid amounts ss. 20(1)(n)			0
Debt & Share Issue Expenses ss. 20(1)(e)			0
Other tax reserves			0
			0
			0
			0
			0
			0
Total	**0**	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)			
General Reserve for Inventory Obsolescence (non-specific)			0
General reserve for bad debts			0
Accrued Employee Future Benefits:			0
- Medical and Life Insurance			0
-Short & Long-term Disability			0
-Accmulated Sick Leave			0
- Termination Cost			0
- Other Post-Employment Benefits			0
Provision for Environmental Costs			0
Restructuring Costs			0
Accrued Contingent Litigation Costs			0
Accrued Self-Insurance Costs			0
Other Contingent Liabilities			0
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0
Other			0
			0
			0
Total	**0**	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

PILS Tax Provision - Bridge Year

						Reference	Wires Only	
Regulatory Taxable Income						B1	$ 1,003,045	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$ 115,350	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	$ 150,457	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 265,807**	**E = A * D**
Investment Tax Credits								**F**
Miscellaneous Tax Credits							$ 3,000	**G**
Total Tax Credits							**$ 3,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Bridge Year							**$ 262,807**	**I = E - H**

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	A		2,468,571
Additions:			
Interest and penalties on taxes	103		
Amortization of tangible assets	104		2,153,646
Amortization of intangible assets	106		86,716
Recapture of capital cost allowance from Schedule 8	107		
Gain on sale of eligible capital property from Schedule 10	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		1,900
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves deducted in prior year	125	B13	0
Reserves from financial statements- balance at end of year	126	B13	0
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Adjusted Taxable Income - Bridge Year

Other Additions			
Interest Expensed on Capital Leases	290		
Realized Income from Deferred Credit Accounts	291		
Pensions	292		
Non-deductible penalties	293		5,974
	294		175,472
Future benefits paid	295		208,694
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Total Additions			**2,632,402**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	B8	3,982,772
Terminal loss from Schedule 8	404		
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves claimed in current year	413	B13	0
Reserves from financial statements - balance at beginning of year	414	B13	0
Contributions to deferred income plans	416		
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions: (Please explain in detail the nature of the item)			

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Adjusted Taxable Income - Bridge Year

Interest capitalized for accounting deducted for tax	390		
Capital Lease Payments	391		
Non-taxable imputed interest income on deferral and variance accounts	392		
	393		
Post-employment benefits - cost	394		115,156
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**4,097,928**
Net Income for Tax Purposes		calculated	**1,003,045**
Charitable donations from Schedule 2	311		
Taxable dividends deductible under section 112 or 113, from Schedule 3 (item 82)	320		
Non-capital losses of preceding taxation years from Schedule 4	331	B4	0
Net-capital losses of preceding taxation years from Schedule 4 *(Please include explanation and calculation in Manager's summary)*	332	B4	0
Limited partnership losses of preceding taxation years from Schedule 4	335		
TAXABLE INCOME		calculated	**1,003,045**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		Total	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		Total	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 8 CCA - Bridge Year

Class	Class Description	Working Paper Reference	UCC Regulated Historical Year	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}
1	Distribution System - post 1987	H8	$ 19,327,199.00	$ 328,992		$ 19,656,191	$ 164,496
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	H8				$ -	$ -
2	Distribution System - pre 1988	H8				$ -	$ -
8	General Office/Stores Equip	H8	$ 204,133.00	$ 120,000		$ 324,133	$ 60,000
10	Computer Hardware/ Vehicles	H8	$ 821,871.00	$ 487,000		$ 1,308,871	$ 243,500
10.1	Certain Automobiles	H8				$ -	$ -
12	Computer Software	H8	$ 106,000.00	$ 254,500		$ 360,500	$ 127,250
13 1	Lease # 1	H8				$ -	$ -
13 2	Lease #2	H8				$ -	$ -
13 3	Lease # 3	H8				$ -	$ -
13 4	Lease # 4	H8				$ -	$ -
14	Franchise	H8				$ -	$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	H8	$ 171,662.00			$ 171,662	$ -
42	Fibre Optic Cable	H8				$ -	$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	H8				$ -	$ -
43.2	Certain Clean Energy Generation Equipment	H8	$ -			$ -	$ -
45	Computers & Systems Software acq'd post Mar 22/04	H8				$ -	$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8				$ -	$ -
47	Distribution System - post February 2005	H8	$ 27,791,309.00	$ 5,111,823		$ 32,903,132	$ 2,555,912
50	Data Network Infrastructure Equipment - post Mar 2007	H8	$ 94,693.00	$ 356,150		$ 450,843	$ 178,075
52	Computer Hardware and system software	H8				$ -	$ -
95	CWIP	H8	$ 229,628.00			$ 229,628	$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)[1]	H10	$ 84,044.10			$ 84,044	$ -
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)[1]		$ -			$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
						$ -	$ -
	TOTAL		$ 48,830,539	$ 6,658,465	$ -	$ 55,489,004	$ 3,329,233

Reduced UCC	Rate %	Bridge Year CCA		UCC End of Bridge Year
$ 19,491,695	4%	$ 779,668		$ 18,876,523
$ -	6%	$ -		$ -
$ -	6%	$ -		$ -
$ 264,133	20%	$ 52,827		$ 271,306
$ 1,065,371	30%	$ 319,611		$ 989,260
$ -	30%	$ -		$ -
$ 233,250	100%	$ 233,250		$ 127,250
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ 171,662	8%	$ 13,733		$ 157,929
$ -	12%	$ -		$ -
$ -	30%	$ -		$ -
$ -	50%	$ -		$ -
$ -	45%	$ -		$ -
$ -	30%	$ -		$ -
$ 30,347,221	8%	$ 2,427,778		$ 30,475,354
$ 272,768	55%	$ 150,022		$ 300,821
$ -	100%	$ -		$ -
$ 229,628	0%	$ -		$ 229,628
$ 84,044	7%	$ 5,883		$ 78,161
$ -	5%	$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ -		$ -		$ -
$ 52,159,772		**$ 3,982,772**	B1	**$ 51,506,232**

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Bridge Year Adjustments: Additions	Bridge Year Adjustments: Disposals	Balance for Bridge Year		Change During the Year
Capital Gains Reserves ss.40(1)	H13	0		0				0	T13	0
Tax Reserves Not Deducted for accounting purposes										
Reserve for doubtful accounts ss. 20(1)(l)	H13	0		0				0	T13	0
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13	0
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13	0
Debt & Share Issue Expenses ss. 20(1)(e)	H13	0		0				0	T13	0
Other tax reserves	H13	0		0				0	T13	0
		0		0				0		0
		0		0				0		0
Total		**0**	**0**	**0**	B1	**0**	**0**	**0**	B1	**0**
Financial Statement Reserves (not deductible for Tax Purposes)										
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13	0
General reserve for bad debts	H13	0		0				0	T13	0
Accrued Employee Future Benefits:	H13	0		0				0	T13	0
- Medical and Life Insurance	H13	0		0				0	T13	0
-Short & Long-term Disability	H13	0		0				0	T13	0
-Accmulated Sick Leave	H13	0		0				0	T13	0
- Termination Cost	H13	0		0				0	T13	0
- Other Post-Employment Benefits	H13	0		0				0	T13	0
Provision for Environmental Costs	H13	0		0				0	T13	0
Restructuring Costs	H13	0		0				0	T13	0
Accrued Contingent Litigation Costs	H13	0		0				0	T13	0
Accrued Self-Insurance Costs	H13	0		0				0	T13	0
Other Contingent Liabilities	H13	0		0				0	T13	0
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13	0
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13	0
Other	H13	0		0				0	T13	0
		0		0				0		0
		0		0				0		0
Total		**0**	**0**	**0**	B1	**0**	**0**	**0**	B1	**0**

Disallowed Expenses
0
0

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

PILs Tax Provision - Test Year

								Wires Only	
Regulatory Taxable Income							T1	$ 630,295	A
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable		Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$	72,484	11.5%	B			
Federal (Max 15%)	15.0%	15.0%	$	94,544	15.0%	C			
Combined effective tax rate (Max 26.5%)								26.50%	D = B + C
Total Income Taxes								$ 167,028	E = A * D
Investment Tax Credits								$ -	F
Miscellaneous Tax Credits								$ -	G
Total Tax Credits								$ -	H = F + G
Corporate PILs/Income Tax Provision for Test Year								$ 167,028	I = E - H S. Su
Corporate PILs/Income Tax Provision Gross Up [1]							73.50% J = 1-D	$ 60,221	K = I/J-I
Income Tax (grossed-up)								$ 227,249	L = K + I S. Su

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Taxable Income - Test Year

		Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	2,104,644

	T2 S1 line #		
Additions:			
Interest and penalties on taxes	103		
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		2,391,096
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		108,587
Recapture of capital cost allowance from Schedule 8	107		
Gain on sale of eligible capital property from Schedule 10	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		1,900
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	0
Reserves from financial statements- balance at end of year	126	T13	0
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions: (please explain in detail the nature of the item)			
Interest Expensed on Capital Leases	290		
Realized Income from Deferred Credit Accounts	291		
Pensions	292		
Non-deductible penalties	293		5,974
Amortization of deferred charge	294		175,472
Post employment benefits paid	295		220,000
	296		
	297		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			

Total Additions			**2,903,029**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	4,221,702
Terminal loss from Schedule 8	404		
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	0
Reserves from financial statements - balance at beginning of year	414	T13	0
Contributions to deferred income plans	416		
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions: (Please explain in detail the nature of the item)			
Interest capitalized for accounting deducted for tax	390		
Capital Lease Payments	391		
Non-taxable imputed interest income on deferral and variance accounts	392		
	393		
Post-employment benefits	394		155,676
	395		
	396		
	397		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**4,377,378**
NET INCOME FOR TAX PURPOSES		calculated	**630,295**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of preceding taxation years from Schedule 7-1	331	T4	0
Net-capital losses of preceding taxation years (Please show calculation)	332	T4	0
Limited partnership losses of preceding taxation years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	**630,295**

T0

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 7-1 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 8 CCA - Test Year

Class	Class Description	Working Paper Reference	UCC Test Year Opening Balance	Additions	Disposals (Negative)	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	Test Year CCA		UCC End of Test Year
1	Distribution System - post 1987	B8	$ 18,876,523	418,941		$ 19,295,464	$ 209,471	$ 19,085,994	4%	$ 763,440		$ 18,532,024
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	B8	$ -			$ -	$ -	$ -	6%	$ -		$ -
2	Distribution System - pre 1988	B8	$ -			$ -	$ -	$ -	6%	$ -		$ -
8	General Office/Stores Equip	B8	$ 271,306	120,000		$ 391,306	$ 60,000	$ 331,306	20%	$ 66,261		$ 325,045
10	Computer Hardware/ Vehicles	B8	$ 989,260	270,000		$ 1,259,260	$ 135,000	$ 1,124,260	30%	$ 337,278		$ 921,982
10.1	Certain Automobiles	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
12	Computer Software	B8	$ 127,250	115,000		$ 242,250	$ 57,500	$ 184,750	100%	$ 184,750		$ 57,500
13 1	Lease # 1	B8	$ -			$ -	$ -	$ -		$ -		$ -
13 2	Lease #2	B8	$ -			$ -	$ -	$ -		$ -		$ -
13 3	Lease # 3	B8	$ -			$ -	$ -	$ -		$ -		$ -
13 4	Lease # 4	B8	$ -			$ -	$ -	$ -		$ -		$ -
14	Franchise	B8	$ -			$ -	$ -	$ -		$ -		$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than E	B8	$ 157,929			$ 157,929	$ -	$ 157,929	8%	$ 12,634		$ 145,295
42	Fibre Optic Cable	B8	$ -			$ -	$ -	$ -	12%	$ -		$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
43.2	Certain Clean Energy Generation Equipment	B8	$ -			$ -	$ -	$ -	50%	$ -		$ -
45	Computers & Systems Software acq'd post Mar 22/04	B8	$ -			$ -	$ -	$ -	45%	$ -		$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -			$ -	$ -	$ -	30%	$ -		$ -
47	Distribution System - post February 2005	B8	$ 30,475,354	5,097,250		$ 35,572,604	$ 2,548,625	$ 33,023,979	8%	$ 2,641,918		$ 32,930,686
50	Data Network Infrastructure Equipment - post Mar 2007	B8	$ 300,821	161,809		$ 462,630	$ 80,905	$ 381,725	55%	$ 209,949		$ 252,681
52	Computer Hardware and system software	B8	$ -			$ -	$ -	$ -	100%	$ -		$ -
95	CWIP	B8	$ 229,628			$ 229,628	$ -	$ 229,628	0%	$ -		$ 229,628
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)1	B8	$ 78,161			$ 78,161	$ -	$ 78,161	7%	$ 5,471		$ 72,690
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)1	B8	$ -			$ -	$ -	$ -	5%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
			$ -			$ -	$ -	$ -	0%	$ -		$ -
	TOTAL		$ 51,506,232	$ 6,183,000	$ -	$ 57,689,232	$ 3,091,500	$ 54,597,732		$ 4,221,702	T1	$ 53,467,531

1. New CCA class 14.1 effective January 1, 2017. The class includes property that was eligible capital property immediately before January 1, 2017. For tax years that end prior to 2027, transitional rules apply to class 14.1 that were acquired before January 1, 2017

Ontario Energy Board

Income Tax/PILs Workform for 2018 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Test Year Adjustments: Additions	Test Year Adjustments: Disposals	Balance for Test Year		Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	B13	0		0				0		0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(l)	B13	0		0		0	0	0		0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**0**	**0**	**0**	T1	**0**	**0**	**0**	T1	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0		0	
General reserve for bad debts	B13	0		0				0		0	
Accrued Employee Future Benefits:	B13	0		0				0		0	
- Medical and Life Insurance	B13	0		0				0		0	
-Short & Long-term Disability	B13	0		0				0		0	
-Accmulated Sick Leave	B13	0		0				0		0	
- Termination Cost	B13	0		0				0		0	
- Other Post-Employment Benefits	B13	0		0				0		0	
Provision for Environmental Costs	B13	0		0				0		0	
Restructuring Costs	B13	0		0				0		0	
Accrued Contingent Litigation Costs	B13	0		0				0		0	
Accrued Self-Insurance Costs	B13	0		0				0		0	
Other Contingent Liabilities	B13	0		0				0		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0		0	
Other	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**0**	**0**	**0**	T1	**0**	**0**	**0**	T1	**0**	**0**

Attachment 4-P

EPLC Details of Historical LRAM & LRAMVA Claims

Elenchus
34 King Street East
Suite 600
Toronto, ON
M5C 2X8

September 25, 2013

Michelle Soucie
Operations & Regulatory Accounting Analyst
Essex Powerlines Corporation
2730 Highway 3
Oldcastle, ON N0R 1L0

Re: 2011 and 2012 LRAMVA

Dear Michelle;

Elenchus is pleased to attach the 2011 and 2012 LRAMVA Report For Essex Powerlines Corporation for inclusion in your 2014 IRM Rate Application.

Elenchus concludes that Essex Powerlines Corporation's electricity rates should be adjusted to reflect an LRAMVA claim of $109,212.

Thank you for allowing Elenchus to be of service. Please contact me should you have any questions about this report.

Yours Truly,

Martin Benum
Senior Advisor

Elenchus

Essex Powerlines Corporation 2011 and 2012 LRAMVA

Date Prepared: September 25, 2013

Elenchus
34 King Street East
Suite 600
Toronto, ON
M5C 2X8

elenchus

Essex Powerlines Corporation 2011 and

Date Prepared:September 25, 2013

Tab 1 of 3

Report

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Executive Review

On April 26, 2012 the Ontario Energy Board ("OEB" or "the Board") issued Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) which permit Essex Powerlines Corporation to make application for recovery of lost revenue that results from the successful operation of CDM initiatives within its boundaries.

The Guidelines delineate two distinct processes for recovery of lost revenues:

- Lost Revenue Adjustment Mechanism ("LRAM") accommodates the recovery of lost revenues resulting from CDM initiatives for the period from 2005 to the end of 2010 either through approved distribution rate funding by way of the third instalment of the incremental market adjusted revenue requirement ("MAAR") or through contracts with the OPA. The manner in which distributors were instructed to determine the LRAM amount was set out in the Board's Guidelines for Electricity Distributor Conservation and Demand Management, dated March 28, 2008 (EB-2008-0037) (the "2008 CDM Guidelines").

- Lost Revenue Adjustment Mechanism Variance Account ("LRAMVA") accommodates the recovery of lost revenues resulting from CDM initiatives for the period 2011-2014. The manner in which distributors were instructed to determine the LRAMVA amount is set out in the Board's Guidelines for Electricity Distributor Conservation and Demand Management, dated April 26, 2012 (EB-2012-0003) (the "2012 CDM Guidelines").

Essex Powerlines Corporation's ("EPLC") 2012 IRM Application EB-2011-0166 concluded EPLC's claims to LRAM for 2006 to 2009 programs with persistence to 2009. EPLC filed a 2010 COS of Service Application for which the Board denied LRAM claim for 2010 programs and 2010 persistence for 2006 to 2009 programs in the 2012 IRM Application. EPLC did not file for an LRAMVA claim in its 2013 IRM Application EB-2012-0123.

EPLC's CDM activities consist of programs initiated by the Ontario Power Authority (OPA) only. By way of this report EPLC is entitled to claim in its 2014 IRM application 2011 OPA CDM program activities, 2012 persistence of OPA CDM program activities from 2011 programs , and 2012 OPA CDM program activities. In addition EPLC may claim adjustments for previous years (2011) verified results in 2012.

Elenchus concludes that Essex Powerlines Corporation's electricity rates should be adjusted to reflect an LRAM claim of $109,212.

Introduction

The LRAM and LRAMVA are designed to ensure that Local Distribution Companies ("LDC") "remain whole" despite the lower consumption levels that are, by design, the result of successful conservation and demand management initiatives. There should not be a disincentive for LDC's to encourage energy efficiency and energy conservation efforts. Therefore, an LDC is compensated for these lost revenues.

Essex Powerlines Corporation's ("EPLC") 2012 IRM Application EB-2011-0166 concluded EPLC's claims to LRAM for 2006 to 2009 programs with persistence to 2009. EPLC filed a 2010 COS of Service Application for which the Board denied LRAM claim for 2010 programs and 2010 persistence for 2006 to 2009 programs in the 2012 IRM Application. EPLC did not file for an LRAMVA claim in its 2013 IRM Application EB-2012-0123.

EPLC's CDM activities consist of programs initiated by the Ontario Power Authority (OPA) only. This reviews claim is for 2011 OPA CDM program activities, 2012 persistence of OPA CDM program activities from 2011 programs, and 2012 OPA CDM program activities. In addition EPLC may claim adjustments for previous years (2011) verified results in 2012. The LRAMVA claim is based on the 2012 Guidelines for OPA programs initiated in 2011 and 2012. EPLC does not have any Board Approved programs.

The LRAMVA calculations are based on the sum of the electricity savings over the period of the claim, which are then valued at the appropriate distribution rate depending on the timing (year) of the savings and to which rate class they belonged.

The savings themselves are the product of an energy program evaluation process, often referred to as Evaluation, Measurement and Verification (EM&V). Fortunately, in the case of this claim, all savings estimates are for OPA programs and are provided by the OPA.

These savings estimates include persistence—the installation of energy conservation measures whose savings that last past the initial year that they are installed. A four-year program that installed 10 widgets per year with a savings of 1,000 kWh each would result in the following savings profile if the widgets lasted 4 or more years (which is common):

Example Savings Profile Showing Effect of Persistence

Year	In-Year Savings (kWh)	Cumulative Savings (kWh)
1	10,000	10,000

2	20,000	30,000
3	30,000	60,000
4	40,000	100,000

Savings from CDM programs typically follow a pattern similar to the one illustrated in the table above. Energy program evaluations determine the energy and demand savings estimates to a reasonable degree of accuracy and also determine the persistence including patterns, or effective useful life (EUL) of new measures being installed and the remaining useful life (RUL) of measures being replaced. It is assumed that the tables provided to each LDC by the OPA contain accurate interpretations and transcriptions of the results from those evaluations (available on the OPA Website).

There are "gross" savings and "net" savings for energy efficiency programs. OPA documentation details the differences between these two, and both are provided to LDC's by the OPA, but for the purposes of this LRAM claim only "net" savings are utilized. Net savings are determined to be those savings that would not have occurred unless the energy efficiency program was running. They are not natural conservation or savings that someone could claim would have occurred anyway. They do not include savings from "free riders."

Some energy efficiency programs are operated at a province-wide scale. These include some behavioural-based programs and some residential/consumer-orientated initiatives like discount coupons. In certain of these cases, savings are apportioned to LDC's by the OPA rather than an attempt made to track individual transactions (which is sometimes impossible).

The 2011 and 2012 program savings claimed by EPLC are the net energy and demand savings that can be attributed to the programs and initiatives that operated in EPLC's territory during the 2011 and 2012 period as apportioned to Essex Powerlines Corporation by the OPA according to its established formulae.

Assumptions

This report for EPLC was created with the following assumptions that are often peculiar to the 2011 - 2012 periods:

- "Consumer Program" classified as the Residential rate class
- "Business Program" classified as General Service <50 kW rate class
- "Industrial Program" classified as General Service >50 kW rate class
- "Home Assistance Program" classified as the Residential rate class
- "Pre-2011 Programs completed in 2011" classified as General Service >50 kW rate class
- "Industrial" and "Pre-2011 Programs" kWh savings were omitted because they are not assignable as a volumetric charge
- "Consumer" "Business" and "Home Assistance Program" kW savings were omitted because they are not assignable as a volumetric charge

For purposes of monetary estimation kWh savings are multiplied by the 2011 and 2012 volumetric distribution rates of the Residential and General Service <50 kW rate classes. kW savings are multiplied by the 2011 and 2012 volumetric distribution rates of the General Service 50 to 2,999 kW rate class. Please reference Appendix 2 and Appendix 3 for EPLC's 2011 and 2012 schedule of rates and charges for the claim rate classes.

Energy (kWh) savings are assumed to be annual values. Peak Demand (kW) savings have been extended by the number of months (either 5 months for Demand Response programs or 12 months for all other programs).

Persistence of programs are assumed to be one year only for Demand Response programs or continuing into future years for all other programs.

2011 and 2012 LRAMVA Recommendation

Elenchus has concluded that Essex Powerlines Corporation can justifiably claim $109,212 in LRAMVA including carrying cost to April 30, 2014, allocated by rate class as shown in the Table 1 below. Please reference Attachment 1 for the complete calculation.

2011 and 2012 LRAMVA

Customer Class	Amount	Interest *	Total
Residential	$ 31,899	$ 960	$ 32,859
General Service Less Than 50 kW	$ 28,266	$ 806	$ 29,071
General Service Greater Than 50 kW	$ 45,854	$ 1,428	$ 47,283
Total	**$ 106,019**	**$ 3,194**	**$ 109,212**

* Carrying Costs to April 30, 2014

Table 1 2012 LRAMVA

Elenchus has calculated the following rate rider for disposition of the 2011 and 2012 LRAMVA claim as shown in the Table 2 below. This is based on a one year recovery. Billing determinants have been applied based on EPLC's 2010 Cost of Service load forecast.

2011 and 2012 LRAMVA Rate Rider Calculation

Effective: May 1, 2014 to April 30, 2015

Rate Class	Total	Billing Determinant		Rate Rider
Residential	$ 32,859	271,379,498	kWh	$ 0.0001
General Service Less Than 50 kW	$ 29,071	72,012,960	kWh	$ 0.0004
General Service Greater Than 50 kW	$ 47,283	467,092	kW	$ 0.1012
Total	**$ 109,212**			

Table 2 2012 LRAMVA Rate Rider

LRAMVA Declaration

EPLC may apply for the disposition of the balance in the 2011 and 2012 LRAMVA as part of it 2014 IRM application if EPLC's deems the amount to be significant. Elenchus would confirm this.

In support of its application for lost revenues, and specifically the actual results used in the determination of the LRAMVA balance to be disposed, EPLC must file the following:

- A statement indicating that the EPLC has used the most recent input assumptions available at the time of the program evaluation when calculating its lost revenue amount. Elenchus would confirm this.

- A statement indicating that the distributor has relied on the most recent and appropriate final CDM evaluation report from the OPA in support of its lost revenue calculation and a copy of this report. Elenchus would confirm using the OPA Annual CDM Report 2012 - Final Verified Results attached as Appendix 1 of this report.

- Separate tables for each rate class showing the lost revenue amounts requested by the year they are associated with and the year the lost revenues took place. Elenchus would confirm this as attached in Attachment 1to this report.

- Lost revenue calculations, determined by calculating the energy savings by customer class and valuing those energy savings using the distributor's Board approved variable distribution charge appropriate to the class. Elenchus would confirm this as attached in Attachment 1 to this report.

- A statement, and if applicable a table, that indicates if carrying charges are being requested on the lost revenue amount. Elenchus would confirm this as attached in Attachment 1 to this report.
- Elenchus confirms EPLC is not including any claims for Board-approved programs.

Work Sited and Referenced

1. Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) Issued: April 26, 2012
2. OPA 2012 Annual CDM Report – Final Verified Results on provincial conservation results to Local Distribution Company service territories – issued August 30, 2013
    - Please reference Appendix 1 attached to this report.

Essex Powerlines Corporation 2011 and

Date Prepared:September 25, 2013

Tab 2 of 3

2011 and 2012 LRAMVA Calculation

Essex Powerlines Corporation

Tab: 2
Schedule: 1

Date Prepared: September 25, 2013

Attachment 1 of 1

2011 and 2012 LRAMVA Calculation

Elenchus
Report

Input Table One
2011 Programs in 2011
(Net kWh)

Amount	2011
RES	
2011	
Consumer Program	
Appliance Exchange	3,231
Appliance Retirement	48,406
Bi-Annual Retailer Event	192,162
Conservation Instant Coupon Booklet	121,822
HVAC Incentives	463,694
Consumer Program Total	829,315
2011 Total	**829,315**
RES Total	**829,315**
GSLT50	
2011	
Business Program	
Demand Response 3*	7,344
Direct Install Lighting	139,935
Retrofit	337,744
Business Program Total	485,023
2011 Total	**485,023**
GSLT50 Total	**485,023**

Input Table Two
2011 Persistence in 2012 and 2012 Programs
(Net kWh)

Amount	2012
RES	
2011	
Consumer Program	
Appliance Exchange	3,231
Appliance Retirement	48,406
Bi-Annual Retailer Event	192,162
Bi-Annual Retailer Event - previous year adjustment	14,277
Conservation Instant Coupon Booklet	121,822
Conservation Instant Coupon Booklet - previous year adjustment	1,802
HVAC Incentives	463,694
HVAC Incentives - previous year adjustment	-70,103
Consumer Program Total	775,291
2011 Total	**775,291**
2012	
Consumer Program	
Appliance Exchange	4,153
Appliance Retirement	16,070
Bi-Annual Retailer Event	175,123
Conservation Instant Coupon Booklet	9,143
HVAC Incentives	249,324
Consumer Program Total	453,813
Home Assistance Program	
Home Assistance Program	88,006
Home Assistance Program Total	88,006
2012 Total	**541,819**
RES Total	**1,317,110**
GSLT50	
2011	
Business Program	
Direct Install Lighting	139,935
Retrofit	337,744
Business Program Total	477,679
2011 Total	**477,679**
2012	
Business Program	
Demand Response 3*	2,742
Direct Install Lighting	23,662
Energy Audit	25,176
Retrofit	1,594,397
Business Program Total	1,645,977
2012 Total	**1,645,977**
GSLT50 Total	**2,123,656**

Input Table Three
2011 Programs in 2011
(Net kW)

	2011 Report Amount	Months	Annual Amount
GSGT50			
2011			
Industrial Program			
Demand Response 3*	1,749	5	8,745
Retrofit	93	12	1,116
Industrial Program Total	1,842		9,861
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	10	12	120
Pre-2011 Programs completed in 2011 Total	10	12	120
2011 Total	**1,852**		**9,981**
GSGT50 Total	**1,852**		**9,981**

Input Table Four
2011 Persistence in 2012 and 2012 Programs
(Net kW)

	2012 Report Amount	Months	Annual Amount
GSGT50			
2011			
Industrial Program			
Retrofit	93	12	1,116
Industrial Program Total	93		1,116
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	10	12	120
Pre-2011 Programs completed in 2011 Total	10		120
2011 Total	**103**		**1,236**
2012			
Industrial Program			
Demand Response 3*	1,811	5	9,055
Industrial Program Total	1,811		9,055
Pre-2011 Programs completed in 2011			
High Performance New Construction	1	12	12
Pre-2011 Programs completed in 2011 Total	1	12	12
2012 Total	**1,812**		**9,067**
GSGT50 Total	**1,915**		**10,303**

Output Table One
2011 and 2012 LRAMVA

2011 Programs in 2011

	Net kWh	2011 Rate	Amount		RES	GSLT 50	GSGT50
RES	829,315	0.0148	$ 12,274		$ 12,274		
GSLT 50	485,023	0.0088	$ 4,268			$ 4,268	
			$ 16,542				
	Net kW	2011 Rate	Amount				
GSGT50	9,981	2.4899	$ 24,851.69				$ 24,852
			2012 LRAMVA	**$ 41,394**	$ 12,274	$ 4,268	$ 24,852

2011 Persistence in 2012 and 2012 Programs

	Net kWh	2012 Rate	Amount		RES	GSLT 50	GSGT50
RES	1,317,110	0.0149	$ 19,625		$ 19,625		
GSLT 50	2,123,656	0.0113	$ 23,997			$ 23,997	
			$ 43,622				
	Net kW	2012 Rate	Amount				
GSGT50	10,303	2.0385	$ 21,002.67				$ 21,003
			2012 LRAMVA	**$ 64,625**	$ 19,625	$ 23,997	$ 21,003
			Total	**$ 106,019**	**$ 31,899**	**$ 28,266**	**$ 45,854**

Output Table Two
Calculated Carrying Costs to April 30, 2014

				LRAM LRAMVA			Allocated Carrying Costs		
Month	OEB Prescribed Annual Rate	Days in Month	Monthly Interest Rate	Residential	GS LT 50	GS GT 50	Residential	GS LT 50	GS GT 50
Jan-2011	1.47%	31	0.12%	$ 1,023	$ 356	$ 2,071	$ 1.28	$ 0.44	$ 2.59
Feb-2011	1.47%	28	0.11%	$ 2,046	$ 711	$ 4,142	$ 2.31	$ 0.80	$ 4.67
Mar-2011	1.47%	31	0.12%	$ 3,068	$ 1,067	$ 6,213	$ 3.83	$ 1.33	$ 7.76
Apr-2011	1.47%	30	0.12%	$ 4,091	$ 1,423	$ 8,284	$ 4.94	$ 1.72	$ 10.01
May-2011	1.47%	31	0.12%	$ 5,114	$ 1,778	$ 10,355	$ 6.38	$ 2.22	$ 12.93
Jun-2011	1.47%	30	0.12%	$ 6,137	$ 2,134	$ 12,426	$ 7.41	$ 2.58	$ 15.01
Jul-2011	1.47%	31	0.12%	$ 7,160	$ 2,490	$ 14,497	$ 8.94	$ 3.11	$ 18.10
Aug-2011	1.47%	31	0.12%	$ 8,183	$ 2,845	$ 16,568	$ 10.22	$ 3.55	$ 20.68
Sep-2011	1.47%	30	0.12%	$ 9,205	$ 3,201	$ 18,639	$ 11.12	$ 3.87	$ 22.52
Oct-2011	1.47%	31	0.12%	$ 10,228	$ 3,557	$ 20,710	$ 12.77	$ 4.44	$ 25.86
Nov-2011	1.47%	30	0.12%	$ 11,251	$ 3,913	$ 22,781	$ 13.59	$ 4.73	$ 27.52
Dec-2011	1.47%	31	0.12%	$ 12,274	$ 4,268	$ 24,852	$ 15.32	$ 5.33	$ 31.03
Jan-2012	1.47%	31	0.12%	$ 13,909	$ 6,268	$ 26,602	$ 17.37	$ 7.83	$ 33.21
Feb-2012	1.47%	29	0.12%	$ 15,545	$ 8,268	$ 28,352	$ 18.16	$ 9.66	$ 33.11
Mar-2012	1.47%	31	0.12%	$ 17,180	$ 10,268	$ 30,102	$ 21.45	$ 12.82	$ 37.58
Apr-2012	1.47%	30	0.12%	$ 18,816	$ 12,267	$ 31,853	$ 22.73	$ 14.82	$ 38.48
May-2012	1.47%	31	0.12%	$ 20,451	$ 14,267	$ 33,603	$ 25.53	$ 17.81	$ 41.95
Jun-2012	1.47%	30	0.12%	$ 22,086	$ 16,267	$ 35,353	$ 26.69	$ 19.65	$ 42.71
Jul-2012	1.47%	31	0.12%	$ 23,722	$ 18,267	$ 37,103	$ 29.62	$ 22.81	$ 46.32
Aug-2012	1.47%	31	0.12%	$ 25,357	$ 20,266	$ 38,853	$ 31.66	$ 25.30	$ 48.51
Sep-2012	1.47%	30	0.12%	$ 26,993	$ 22,266	$ 40,604	$ 32.61	$ 26.90	$ 49.06
Oct-2012	1.47%	31	0.12%	$ 28,628	$ 24,266	$ 42,354	$ 35.74	$ 30.30	$ 52.88
Nov-2012	1.47%	30	0.12%	$ 30,263	$ 26,266	$ 44,104	$ 36.56	$ 31.73	$ 53.29
Dec-2012	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.83	$ 35.29	$ 57.25
Jan-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Feb-2013	1.47%	28	0.11%	$ 31,899	$ 28,266	$ 45,854	$ 35.87	$ 31.79	$ 51.57
Mar-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Apr-2013	1.47%	30	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 38.44	$ 34.06	$ 55.25
May-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Jun-2013	1.47%	30	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 38.44	$ 34.06	$ 55.25
Jul-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Aug-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Sep-2013	1.47%	30	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 38.44	$ 34.06	$ 55.25
Oct-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Nov-2013	1.47%	30	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 38.44	$ 34.06	$ 55.25
Dec-2013	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.72	$ 35.19	$ 57.09
Jan-2014	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.83	$ 35.29	$ 57.25
Feb-2014	1.47%	28	0.11%	$ 31,899	$ 28,266	$ 45,854	$ 35.97	$ 31.87	$ 51.71
Mar-2014	1.47%	31	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 39.83	$ 35.29	$ 57.25
Apr-2014	1.47%	30	0.12%	$ 31,899	$ 28,266	$ 45,854	$ 38.54	$ 34.15	$ 55.40
							$ 959.74	$ 805.89	$ 1,428.19

Output Table Three
2011 and 2012 LRAMVA

Customer Class	Amount	Interest *	Total
Residential	$ 31,899	$ 960	$ 32,859
General Service Less Than 50 kW	$ 28,266	$ 806	$ 29,071
General Service Greater Than 50 kW	$ 45,854	$ 1,428	$ 47,283
Total	**$ 106,019**	**$ 3,194**	**$ 109,212**

* Carrying Costs to April 30, 2014

2011 and 2012 LRAMVA Rate Rider Calculation

Effective: May 1, 2014 to April 30, 2015

Rate Class	Total	Billing Determinant		Rate Rider
Residential	$ 32,859	271,379,498	kWh	$ 0.0001
General Service Less Than 50 kW	$ 29,071	72,012,960	kWh	$ 0.0004
General Service Greater Than 50 kW	$ 47,283	467,092	kW	$ 0.1012
Total	**$ 109,212**			

Tab 3 of 3

Appendices

Appendix 1 of 3

Appendix 1 - OPA Final Verified 2012 Annual CDM Report

Message from the Vice President:

The OPA is pleased to provide you with the enclosed Final 2012 Results Report. We have seen a 39% increase in energy savings for our new province-wide 2011-2014 suite of saveONenergy initiatives. Overall progress to targets is moving up with 29% of demand and 65% of energy savings achieved. Many LDCs, both large and small, continue to stay on track to meet or exceed their OEB targets. Conservation programs continue to be a valuable and cost effective resource for customers across the province, over the past two years the program cost to consumers remains within 3 cents per kWh.

Further to programmatic savings, capability building efforts launched in 2011 are yielding healthy enabled savings through Embedded Energy Managers and Audit initiative projects. The strong momentum continues in 2013.

We remain committed to ensuring LDCs are successful in meeting their objectives and our collective efforts to date have improved the current program suite by offering more local program opportunities, implementing a new expedited change management process, and enhancing incentives to make it easier for customers to participate in programs. We invite you to continue to provide your feedback to us and to celebrate our successes as we move forward.

The format of this report was developed in collaboration with the OPA-LDC Reporting and Evaluation Working Group and is designed to help populate LDC annual report templates that will be submitted to the OEB in late September. All results are now considered final for 2012. Any additional 2012 program activity not captured will be reported in the Final 2013 Results Report.

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

We appreciate your ongoing collaboration and cooperation throughout the reporting and evaluation process. We look forward to another successful year.

Sincerely,

Andrew Pride

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2.3 LDC - NTGs	Provides LDC-specific initiative-level realization rates and net-to-gross ratios.	7
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3.3 Provincial NTGs	Provides provincial realization rates and net-to-gross ratios.	11
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6.0 Glossary	Contains definitions for terms used throughout the report.	26

OPA-Contracted Province-Wide CDM Programs FINAL 2012 Results

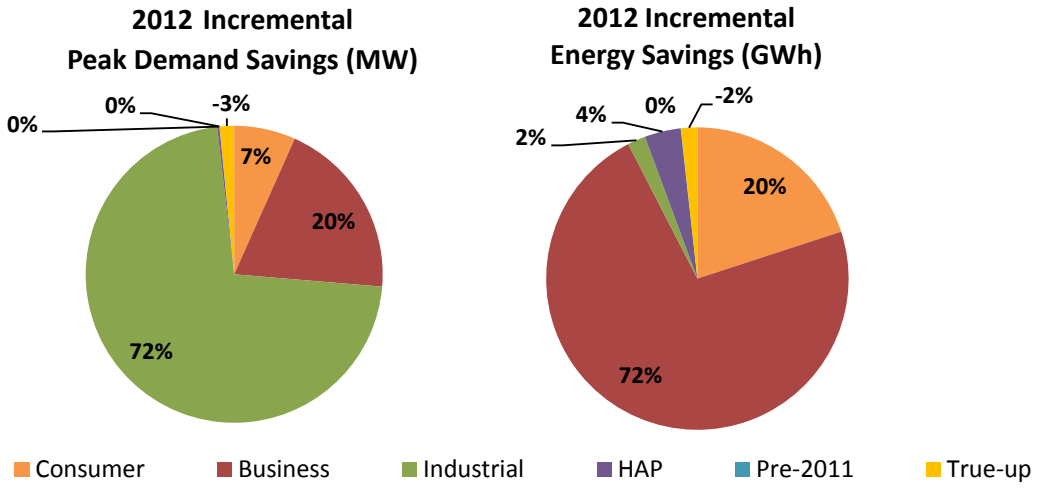
LDC: Essex Powerlines Corporation

FINAL 2012 Progress to Targets	2012 Incremental	Program-to-Date Progress to Target (Scenario 1)	Scenario 1: % of Target Achieved	Scenario 2: % of Target Achieved
Net Annual Peak Demand Savings (MW)	2.4	0.9	**12.8%**	**40.6%**
Net Energy Savings (GWh)	2.2	14.6	**67.9%**	**68.4%**

Scenario 1 = Assumes that demand resource resources have a persistence of 1 year

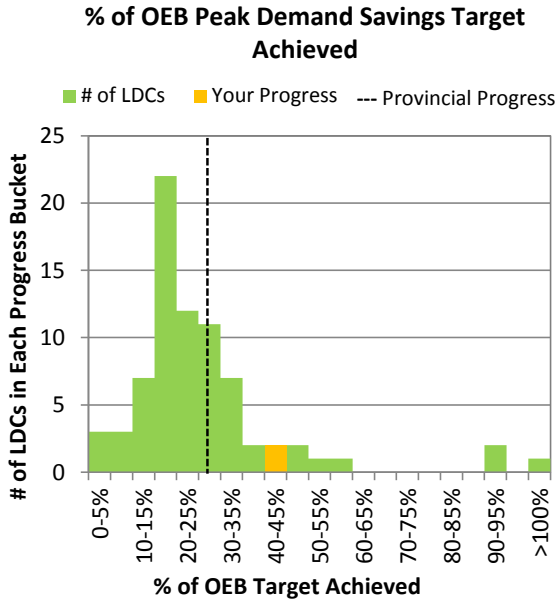
Scenario 2 = Assumes that demand response resources remain in your territory until 2014

Achievement by Sector



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

The following graphs assume that demand response resources remain in your territory until 2014 (aligns with Scenario 2)



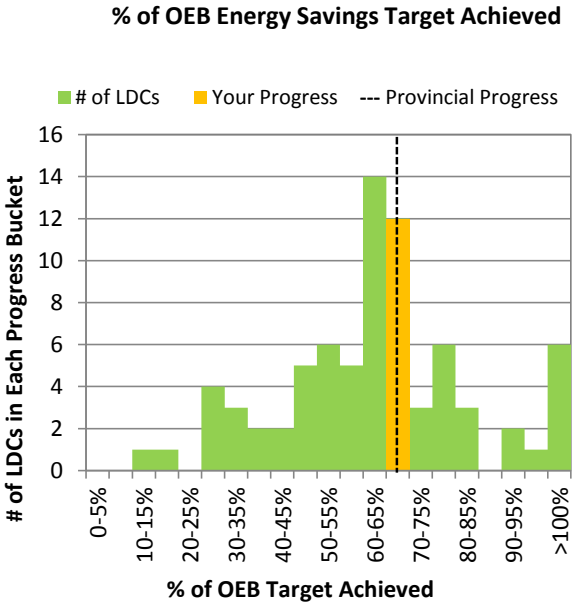


Table 1: **Essex Powerlines Corporation** Initiative and Program Level Savings by Year (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				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 reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														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															
Appliance Retirement	Appliances	118	40			7	2			48,406	16,070			9	241,633
Appliance Exchange	Appliances	29	17			3	2			3,231	4,153			3	23,584
HVAC Incentives	Equipment	1,016	743			264	153			463,694	249,324			417	2,602,748
Conservation Instant Coupon Booklet	Items	3,256	202			8	2			121,822	9,143			9	514,715
Bi-Annual Retailer Event	Items	5,691	6,937			11	10			192,162	175,123			21	1,294,015
Retailer Co-op	Items	0	0			0	0			0	0			0	0
Residential Demand Response (switch/pstat)	Devices	85	0			48	0			0	0			0	0
Residential Demand Response (IHD)	Devices	0	0			0				0					
Residential New Construction	Homes	0	0			0	0			0	0			0	0
Consumer Program Total						**340**	**169**			**829,315**	**453,813**			**459**	**4,676,694**
Business Program															
Retrofit	Projects	10	27			56	295			337,744	1,594,397			343	6,111,172
Direct Install Lighting	Projects	40	7			52	7			139,935	23,662			43	578,708
Building Commissioning	Buildings	0	0			0	0			0	0			0	0
New Construction	Buildings	0	0			0	0			0	0			0	0
Energy Audit	Audits	0	1			0	5			0	25,176			5	75,529
Small Commercial Demand Response	Devices	0	0			0	0			0	0			0	0
Small Commercial Demand Response (IHD)	Devices	0	0			0				0				0	0
Demand Response 3	Facilities	3	3			188	189			7,344	2,742			0	10,086
Business Program Total						**296**	**495**			**485,023**	**1,645,977**			**391**	**6,775,495**
Industrial Program															
Process & System Upgrades	Projects	0	0			0	0			0	0			0	0
Monitoring & Targeting	Projects	0	0			0	0			0	0			0	0
Energy Manager	Projects	0	0			0	0			0	0			0	0
Retrofit	Projects	4				93				688,860				93	2,755,441
Demand Response 3	Facilities	4	4			1,749	1,811			102,648	43,656			0	146,305
Industrial Program Total						**1,841**	**1,811**			**791,509**	**43,656**			**93**	**2,901,745**
Home Assistance Program															
Home Assistance Program	Homes	0	149			0	6			0	88,006			6	264,017
Home Assistance Program Total						**0**	**6**			**0**	**88,006**			**6**	**264,017**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	7	0			10	0			56,015	0			10	224,061
High Performance New Construction	Projects	0	0			0	1			1,239	716			1	7,102
Toronto Comprehensive	Projects	0	0			0	0			0	0			0	0
Multifamily Energy Efficiency Rebates	Projects	0	0			0	0			0	0			0	0
LDC Custom Programs	Projects	0	0			0	0			0	0			0	0
Pre-2011 Programs completed in 2011 Total						**10**	**1**			**57,254**	**716**			**11**	**231,163**
Other															
Program Enabled Savings	Projects	0	0			0	0			0	0			0	0
Time-of-Use Savings	Homes														
Other Total							**0**				**0**			**0**	**0**
Adjustments to Previous Year's Verified Results							**-39**				**-54,023**			**-39**	**-216,093**
Energy Efficiency Total						**503**	**482**			**2,053,107**	**2,185,769**			**959**	**14,692,723**
Demand Response Total (Scenario 1)						**1,984**	**2,000**			**109,992**	**46,398**			**0**	**156,391**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**2,487**	**2,443**			**2,163,100**	**2,178,144**			**920**	**14,633,021**
													Full OEB Target:	**7,190**	**21,540,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**12.8%**	**67.9%**

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

Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item on the 2012 annual report will be left blank. Once a full year of data is available (2013 evaluation), and the savings are quantified, 2012 results will be updated to reflect the quantified savings.

Table 2: Adjustments to **Essex Powerlines Corporation** Verified Results due to Errors or Omissions (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				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 reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														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															
Appliance Retirement	Appliances	0				0				0				0	0
Appliance Exchange	Appliances	0				0				0				0	0
HVAC Incentives	Equipment	-160				-40				-70,103				-40	-280,411
Conservation Instant Coupon Booklet	Items	54				0				1,802				0	7,210
Bi-Annual Retailer Event	Items	535				1				14,277				1	57,108
Retailer Co-op	Items	0				0				0				0	0
Residential Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Residential Demand Response (IHD)	Devices	0				0				0				0	0
Residential New Construction	Homes	0				0				0				0	0
Consumer Program Total						**-39**				**-54,023**				**-39**	**-216,093**
Business Program															
Retrofit	Projects	0				0				0				0	0
Direct Install Lighting	Projects	0				0				0				0	0
Building Commissioning	Buildings	0				0				0				0	0
New Construction	Buildings	0				0				0				0	0
Energy Audit	Audits	0				0				0				0	0
Small Commercial Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Small Commercial Demand Response (IHD)	Devices	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Business Program Total						**0**				**0**				**0**	**0**
Industrial Program															
Process & System Upgrades	Projects	0				0				0				0	0
Monitoring & Targeting	Projects	0				0				0				0	0
Energy Manager	Projects	0				0				0				0	0
Retrofit	Projects	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Industrial Program Total						**0**				**0**				**0**	**0**
Home Assistance Program															
Home Assistance Program	Homes	0				0				0				0	0
Home Assistance Program Total						**0**				**0**				**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	0				0				0				0	0
High Performance New Construction	Projects	0				0				0				0	0
Toronto Comprehensive	Projects	0				0				0				0	0
Multifamily Energy Efficiency Rebates	Projects	0				0				0				0	0
LDC Custom Programs	Projects	0				0				0				0	0
Pre-2011 Programs completed in 2011 Total						**0**				**0**				**0**	**0**
Other															
Program Enabled Savings	Projects	0				0				0				0	0
Time-of-Use Savings	Homes														
Other Total						**0**				**0**				**0**	**0**
Adjustments to Previous Year's Verified Results						**-39**				**-54,023**				**-39**	**-216,093**

* Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Table 3: Essex Powerlines Corporation Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement		1.00				0.47				1.00				0.47		
Appliance Exchange		1.00				0.52				1.00				0.52		
HVAC Incentives		1.00				0.50				1.00				0.49		
Conservation Instant Coupon Booklet		1.00				1.00				1.00				1.05		
Bi-Annual Retailer Event		1.00				0.91				1.00				0.92		
Retailer Co-op		n/a				n/a				n/a				n/a		
Residential Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Residential Demand Response (IHD)		n/a				n/a				n/a				n/a		
Residential New Construction		n/a				n/a				n/a				n/a		
Business Program																
Retrofit		1.00				0.79				1.22				0.80		
Direct Install Lighting		0.68				0.94				0.85				0.94		
Building Commissioning		n/a				n/a				n/a				n/a		
New Construction		n/a				n/a				n/a				n/a		
Energy Audit		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (IHD)		n/a				n/a				n/a				n/a		
Demand Response 3*		n/a				n/a				n/a				n/a		
Industrial Program																
Process & System Upgrades		n/a				n/a				n/a				n/a		
Monitoring & Targeting		n/a				n/a				n/a				n/a		
Energy Manager		n/a				n/a				n/a				n/a		
Retrofit																
Demand Response 3*		n/a				n/a				n/a				n/a		
Home Assistance Program																
Home Assistance Program		0.40				1.00				0.44				1.00		
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program		n/a				n/a				n/a				n/a		
High Performance New Construction		1.00				0.50				1.00				0.50		
Toronto Comprehensive		n/a				n/a				n/a				n/a		
Multifamily Energy Efficiency Rebates		n/a				n/a				n/a				n/a		
LDC Custom Programs		n/a				n/a				n/a				n/a		
Other																
Program Enabled Savings		n/a				n/a				n/a				n/a		
Time-of-Use Savings		n/a				n/a				n/a				n/a		

Progress Towards CDM Targets

Results are attributed to target using current OPA 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. Please see methodology tab for more detailed information.

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

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	2.5	0.5	0.5	0.5
2012 - Verified		2.4	0.4	0.4
2013				
2014				
Verified Net Annual Peak Demand Savings Persisting in 2014:				0.9
Essex Powerlines Corporation 2014 Annual CDM Capacity Target				7.2
Verified Portion of Peak Demand Savings Target Achieved in 2014(%):				12.8%

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

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	2.2	2.1	2.1	2.0	8.3
2012 - Verified		2.2	2.1	2.1	6.4
2013					
2014					
Verified Net Cumulative Energy Savings 2011-2014:					14.6
Essex Powerlines Corporation 2011-2014 Annual CDM Energy Target					21.5
Verified Portion of Cumulative Energy Target Achieved (%):					67.9%

*2011 energy adjustments included in cumulative energy savings.

Table 6: Province-Wide Initiatives and Program Level Savings by Year

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				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 reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														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															
Appliance Retirement	Appliances	56,110	34,146			3,299	2,011			23,005,812	13,424,518			5,171	132,176,857
Appliance Exchange	Appliances	3,688	3,836			371	556			450,187	974,621			689	4,512,525
HVAC Incentives	Equipment	111,587	85,221			32,037	19,060			59,437,670	32,841,283			51,097	336,274,530
Conservation Instant Coupon Booklet	Items	559,462	30,891			1,344	230			21,211,537	1,398,202			1,575	89,040,754
Bi-Annual Retailer Event	Items	870,332	1,060,901			1,681	1,480			29,387,468	26,781,674			3,161	197,894,897
Retailer Co-op	Items	152	0			0	0			2,652	0			0	10,607
Residential Demand Response (switch/pstat)*	Devices	19,550	98,388			10,947	49,038			24,870	359,408			0	384,279
Residential Demand Response (IHD)	Devices	0	49,689			0				0					
Residential New Construction	Homes	7	19			0	2			743	17,152			2	54,430
Consumer Program Total						**49,681**	**72,377**			**133,520,941**	**75,796,859**			**61,696**	**760,348,879**
Business Program															
Retrofit	Projects	2,516	5,605			24,467	61,147			136,002,258	314,922,468			84,018	1,480,647,459
Direct Install Lighting	Projects	20,297	18,494			23,724	15,284			61,076,701	57,345,798			31,181	391,072,869
Building Commissioning	Buildings	0	0			0	0			0	0			0	0
New Construction	Buildings	10	69			123	764			411,717	1,814,721			888	7,091,031
Energy Audit	Audits	103	280			0	1,450			0	7,049,351			1,450	21,148,054
Small Commercial Demand Response	Devices	132	294			84	187			157	1,068			0	1,224
Small Commercial Demand Response (IHD)	Devices	0	0			0				0				0	0
Demand Response 3*	Facilities	145	151			16,218	19,389			633,421	281,823			0	915,244
Business Program Total						**64,617**	**98,221**			**198,124,253**	**381,415,230**			**117,535**	**1,900,875,881**
Industrial Program															
Process & System Upgrades	Projects	0	0			0	0			0	0			0	0
Monitoring & Targeting	Projects	0	0			0	0			0	0			0	0
Energy Manager	Projects	0	39			0	1,086			0	7,372,108			1,086	22,116,324
Retrofit	Projects	433				4,615				28,866,840				4,613	115,462,282
Demand Response 3*	Facilities	124	185			52,484	74,056			3,080,737	1,784,712			0	4,865,449
Industrial Program Total						**57,098**	**75,141**			**31,947,577**	**9,156,820**			**5,699**	**142,444,054**
Home Assistance Program															
Home Assistance Program	Homes	46	5,033			2	566			39,283	5,442,232			569	16,483,831
Home Assistance Program Total						**2**	**566**			**39,283**	**5,442,232**			**569**	**16,483,831**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,016	0			21,662	0			121,138,219	0			21,662	484,552,876
High Performance New Construction	Projects	145	69			5,098	3,251			26,185,591	11,901,944			8,349	140,448,197
Toronto Comprehensive	Projects	577	0			15,805	0			86,964,886	0			15,805	347,859,545
Multifamily Energy Efficiency Rebates	Projects	110	0			1,981	0			7,595,683	0			1,981	30,382,733
LDC Custom Programs	Projects	8	0			399	0			1,367,170	0			399	5,468,679
Pre-2011 Programs completed in 2011 Total						**44,945**	**3,251**			**243,251,550**	**11,901,944**			**48,195**	**1,008,712,030**
Other															
Program Enabled Savings	Projects	0	16			0	2,304			0	1,188,362			2,304	3,565,086
Time-of-Use Savings	Homes														
Other Total							**2,304**				**1,188,362**			**2,304**	**3,565,086**
Adjustments to Previous Year's Verified Results							**1,406**				**18,689,081**			**1,156**	**73,918,598**
Energy Efficiency Total						**136,610**	**109,191**			**603,144,419**	**482,474,435**			**235,998**	**3,826,263,564**
Demand Response Total (Scenario 1)						**79,733**	**142,670**			**3,739,185**	**2,427,011**			**0**	**6,166,196**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**216,343**	**253,267**			**606,883,604**	**503,590,526**			**237,154**	**3,906,348,358**
													Full OEB Target:	**1,330,000**	**6,000,000,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**17.8%**	**65.1%**

* Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Due to the limited timeframe of data, which didn't include the summer months, 2012 IHD results have been deemed inconclusive. The IHD line item on the 2012 annual report will be left blank. Once a full year of data is available (2013 evaluation), and the savings are quantified, 2012 results will be updated to reflect the quantified savings.

Table 7: Adjustments to **Province-Wide** Verified Results due to Errors & Omissions (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				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 reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														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															
Appliance Retirement	Appliances	0				0				0				0	0
Appliance Exchange	Appliances	0				0				0				0	0
HVAC Incentives	Equipment	-18,866				-5,278				-9,721,817				-5,278	-38,887,267
Conservation Instant Coupon Booklet	Items	8,216				16				275,655				16	1,102,621
Bi-Annual Retailer Event	Items	81,817				108				2,183,391				108	8,733,563
Retailer Co-op	Items	0				0				0				0	0
Residential Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Residential Demand Response (IHD)	Devices	0				0				0				0	0
Residential New Construction	Homes	19				1				13,767				1	55,069
Consumer Program Total						**-5,153**				**-7,249,004**				**-5,153**	**-28,996,015**
Business Program															
Retrofit	Projects	303				3,204				16,216,165				3,083	64,398,674
Direct Install Lighting	Projects	444				501				1,250,388				372	4,624,945
Building Commissioning	Buildings	0				0				0				0	0
New Construction	Buildings	12				828				3,520,620				828	14,082,482
Energy Audit	Audits	93				481				2,341,392				481	9,365,567
Small Commercial Demand Response (switch/pstat)*	Devices	0				0				0				0	0
Small Commercial Demand Response (IHD)	Devices	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Business Program Total						**5,014**				**23,328,565**				**4,764**	**92,471,668**
Industrial Program															
Process & System Upgrades	Projects	0				0				0				0	0
Monitoring & Targeting	Projects	0				0				0				0	0
Energy Manager	Projects	0				0				0				0	0
Retrofit	Projects	0				0				0				0	0
Demand Response 3*	Facilities	0				0				0				0	0
Industrial Program Total						**0**				**0**				**0**	**0**
Home Assistance Program															
Home Assistance Program	Homes	0				0				0				0	0
Home Assistance Program Total						**0**				**0**				**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	12				138				545,536				138	2,182,145
High Performance New Construction	Projects	34				1,407				2,065,200				1,407	8,260,800
Toronto Comprehensive	Projects	0				0				0				0	0
Multifamily Energy Efficiency Rebates	Projects	0				0				0				0	0
LDC Custom Programs	Projects	0				0				0				0	0
Pre-2011 Programs completed in 2011 Total						**1,545**				**2,610,736**				**1,545**	**10,442,945**
Other															
Program Enabled Savings	Projects	0				0				0				0	0
Time-of-Use Savings	Homes														
Other Total						**0**				**0**				**0**	**0**
Adjustments to Previous Year's Verified Results						**1,406**				**18,690,297**				**1,156**	**73,918,598**

* Activity & savings for Demand Response resources for each year and quarter represent the savings from all active facilities or devices contracted since January 1, 2011.

Table 8: Province-Wide Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement		1.00				0.46				1.00				0.47		
Appliance Exchange		1.00				0.52				1.00				0.52		
HVAC Incentives		1.00				0.50				1.00				0.49		
Conservation Instant Coupon Booklet		1.00				1.00				1.00				1.05		
Bi-Annual Retailer Event		1.00				0.91				1.00				0.92		
Retailer Co-op		n/a				n/a				n/a				n/a		
Residential Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Residential Demand Response (IHD)		n/a				n/a				n/a				n/a		
Residential New Construction		3.65				0.49				7.17				0.49		
Business Program																
Retrofit		0.93				0.75				1.05				0.76		
Direct Install Lighting		0.69				0.94				0.85				0.94		
Building Commissioning		n/a				n/a				n/a				n/a		
New Construction		0.98				0.49				0.99				0.49		
Energy Audit		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (switch/pstat)*		n/a				n/a				n/a				n/a		
Small Commercial Demand Response (IHD)		n/a				n/a				n/a				n/a		
Demand Response 3*		n/a				n/a				n/a				n/a		
Industrial Program																
Process & System Upgrades		n/a				n/a				n/a				n/a		
Monitoring & Targeting		n/a				n/a				n/a				n/a		
Energy Manager		1.16				0.90				1.16				0.90		
Retrofit																
Demand Response 3*		n/a				n/a				n/a				n/a		
Home Assistance Program																
Home Assistance Program		0.32				1.00				0.99				1.00		
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program		n/a				n/a				n/a				n/a		
High Performance New Construction		1.00				0.50				1.00				0.50		
Toronto Comprehensive		n/a				n/a				n/a				n/a		
Multifamily Energy Efficiency Rebates		n/a				n/a				n/a				n/a		
LDC Custom Programs		n/a				n/a				n/a				n/a		
Other																
Program Enabled Savings		1.06				1.00				2.26				1.00		
Time-of-Use Savings		n/a				n/a				n/a				n/a		

Summary - Provincial Progress

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

Implementation Period	Annual			
	2011	2012	2013	2014
2011	216.3	136.6	135.8	129.0
2012		253.3	109.8	108.2
2013				
2014				
Verified Net Annual Peak Demand Savings in 2014:				**237.2**
2014 Annual CDM Capacity Target				**1,330**
Verified Peak Demand Savings Target Achieved - 2011 (%):				**17.8%**

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

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011	606.9	603.0	601.0	582.3	2,393
2012		503.6	498.4	492.6	1,513
2013					
2014					
Verified Net Cumulative Energy Savings 2011-2014:					**3,906**
2011-2014 Cumulative CDM Energy Target:					**6,000**
Verified Portion of Energy Target Achieved - 2011 (%):					**65.1%**

*2011 energy adjustments included in cumulative energy savings.

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 Year's Verified Results	All errors and omissions from the prior years Final Annual Results report will be adjusted within this report. Any errors and ommissions 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
Consumer Program			
Appliance Retirement	Includes both retail and home pickup stream; Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection	Savings are considered to begin in the year the appliance is picked up.	**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.
Appliance Exchange	When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput	Savings are considered to begin in the year that the exchange event occurred	
HVAC Incentives	Results directly attributed to LDC based on customer postal code	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 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.
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.	
Retailer Co-op	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.
Residential Demand Response	Results are directly attributed to LDC based on data provided to OPA 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 saveONenergy CRM 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 Replacement	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).
	Additional Note: project counts were derived by filtering out "Application Status" = "Post-Project Submission - Payment denied by LDC" and only including projects with an "Actual Project Completion Date" in 2012 and pulling both the "Application Name" field followed by the "Building Address 1" field from the Post Stage Retrofit Report and finally performing a count of the Building Addresses.		

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; Initiative was not evaluated, no completed projects in 2011 or 2012.	Savings are considered to begin in the year of the actual project completion date.	**Peak demand and energy savings** are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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).
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.	
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 OPA 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. Savings are assumed to **persist** for only 1 year, reflecting that savings will only occur if the resource is activated.
Demand Response 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 in the saveONenergy CRM system; Initiative was not evaluated, no completed projects in 2011 or 2012.	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
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated, no completed projects in 2011 or 2012.	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; No completed projects in 2011 or 2012.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	**Peak demand and energy savings** are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with 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.
Home Assistance Program			

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Home Assistance 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.
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 or 2012, 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 (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). **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 (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
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 or 2012, assumptions as per 2010 evaluation	Savings are considered to begin in the year in which a project was completed.	
Toronto Comprehensive	Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation		

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 or 2012, 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 (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). **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 (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation		
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		

ERII Sector (C&I vs. Industrial Mapping)	
Building Type	**Sector**
Agribusiness - Cattle Farm	C&I
Agribusiness - Dairy Farm	C&I
Agribusiness - Greenhouse	C&I
Agribusiness - Other	C&I
Agribusiness - Other,Mixed-Use - Office/Retail	C&I
Agribusiness - Other,Office,Retail,Warehouse	C&I
Agribusiness - Other,Office,Warehouse	C&I
Agribusiness - Poultry	C&I
Agribusiness - Poultry,Hospitality - Motel	C&I
Agribusiness - Swine	C&I
Convenience Store	C&I
Education - College / Trade School	C&I
Education - College / Trade School,Multi-Residential - Condominium	C&I
Education - College / Trade School,Multi-Residential - Rental Apartment	C&I
Education - College / Trade School,Retail	C&I
Education - Primary School	C&I
Education - Primary School,Education - Secondary School	C&I
Education - Primary School,Multi-Residential - Rental Apartment	C&I
Education - Primary School,Not-for-Profit	C&I
Education - Secondary School	C&I
Education - University	C&I
Education - University,Office	C&I
Hospital/Healthcare - Clinic	C&I
Hospital/Healthcare - Clinic,Hospital/Healthcare - Long-term Care,Hospital/Healthcare - Medical Building	C&I
Hospital/Healthcare - Clinic,Industrial	C&I
Hospital/Healthcare - Clinic,Retail	C&I
Hospital/Healthcare - Long-term Care	C&I
Hospital/Healthcare - Long-term Care,Hospital/Healthcare - Medical Building	C&I
Hospital/Healthcare - Medical Building	C&I
Hospital/Healthcare - Medical Building,Mixed-Use - Office/Retail	C&I
Hospital/Healthcare - Medical Building,Mixed-Use - Office/Retail,Office	C&I
Hospitality - Hotel	C&I
Hospitality - Hotel,Restaurant - Dining	C&I
Hospitality - Motel	C&I
Industrial	Industrial
Mixed-Use - Office/Retail	C&I
Mixed-Use - Office/Retail,Industrial	Industrial
Mixed-Use - Office/Retail,Mixed-Use - Other	C&I
Mixed-Use - Office/Retail,Mixed-Use - Other,Not-for-Profit,Warehouse	C&I
Mixed-Use - Office/Retail,Mixed-Use - Residential/Retail	C&I
Mixed-Use - Office/Retail,Office,Restaurant - Dining,Restaurant - Quick Serve,Retail,Warehouse	C&I

Mixed-Use - Office/Retail,Office,Warehouse	C&I
Mixed-Use - Office/Retail,Retail	C&I
Mixed-Use - Office/Retail,Warehouse	C&I
Mixed-Use - Office/Retail,Warehouse,Industrial	Industrial
Mixed-Use - Other	C&I
Mixed-Use - Other,Industrial	Industrial
Mixed-Use - Other,Not-for-Profit,Office	C&I
Mixed-Use - Other,Office	C&I
Mixed-Use - Other,Other: Please specify	C&I
Mixed-Use - Other,Retail,Warehouse	C&I
Mixed-Use - Other,Warehouse	C&I
Mixed-Use - Residential/Retail	C&I
Mixed-Use - Residential/Retail,Multi-Residential - Condominium	C&I
Mixed-Use - Residential/Retail,Multi-Residential - Rental Apartment	C&I
Mixed-Use - Residential/Retail,Retail	C&I
Multi-Residential - Condominium	C&I
Multi-Residential - Condominium,Multi-Residential - Rental Apartment	C&I
Multi-Residential - Condominium,Other: Please specify	C&I
Multi-Residential - Rental Apartment	C&I
Multi-Residential - Rental Apartment,Multi-Residential - Social Housing Provider,Not-for-Profit	C&I
Multi-Residential - Rental Apartment,Not-for-Profit	C&I
Multi-Residential - Rental Apartment,Warehouse	C&I
Multi-Residential - Social Housing Provider	C&I
Multi-Residential - Social Housing Provider,Industrial	C&I
Multi-Residential - Social Housing Provider,Not-for-Profit	C&I
Not-for-Profit	C&I
Not-for-Profit,Office	C&I
Not-for-Profit,Other: Please specify	C&I
Not-for-Profit,Warehouse	C&I
Office	C&I
Office,Industrial	Industrial
Office,Other: Please specify	C&I
Office,Other: Please specify,Warehouse	C&I
Office,Restaurant - Dining	C&I
Office,Restaurant - Dining,Industrial	Industrial
Office,Retail	C&I
Office,Retail,Industrial	C&I
Office,Retail,Warehouse	C&I
Office,Warehouse	C&I
Office,Warehouse,Industrial	Industrial
Other: Please specify	C&I
Other: Please specify,Industrial	Industrial
Other: Please specify,Retail	C&I
Other: Please specify,Warehouse	C&I
Restaurant - Dining	C&I
Restaurant - Dining,Retail	C&I

Restaurant - Quick Serve	C&I
Restaurant - Quick Serve,Retail	C&I
Retail	C&I
Retail,Industrial	Industrial
Retail,Warehouse	C&I
Warehouse	C&I
Warehouse,Industrial	Industrial

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 in a given year 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' (please see table 5).

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 (i.e. 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).

Appendix 2 of 3

Appendix 2 - 2011 Schedule of Rates and Charges

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2010-0082

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	12.57
Smart Meter Funding Adder – effective until April 30, 2012	$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	0.17
Distribution Volumetric Rate	$/kWh	0.0148
Low Voltage Service Rate	$/kWh	0.0010
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kWh	(0.0008)
Rate Rider for Tax Change – effective until April 30, 2012	$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0065
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0049

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2010-0082

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	25.89
Smart Meter Funding Adder – effective until April 30, 2012	$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	0.19
Distribution Volumetric Rate	$/kWh	0.0088
Low Voltage Service Rate	$/kWh	0.0010
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014		
Applicable only for Non-RPP Customers	$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kWh	(0.0006)
Rate Rider for Tax Change – effective until April 30, 2012	$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0047

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2010-0082

GENERAL SERVICE 50 to 2,999 kW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	262.15
Smart Meter Funding Adder – effective until April 30, 2012	$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	5.69
Distribution Volumetric Rate	$/kW	2.4899
Low Voltage Service Rate	$/kW	0.3506
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.1219)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(0.2431)
Rate Rider for Tax Change – effective until April 30, 2012	$/kW	(0.0188)
Retail Transmission Rate – Network Service Rate	$/kW	2.3273
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.8648
Retail Transmission Rate – Network Service Rate – Interval Metered	$/kW	2.8670
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	$/kW	2.0667

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2010-0082

GENERAL SERVICE 3,000 to 4,999 kW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	1,734.31
Smart Meter Funding Adder – effective until April 30, 2012	$	1.96
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	37.85
Distribution Volumetric Rate	$/kW	1.6082
Low Voltage Service Rate	$/kW	0.4094
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.6753)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(1.0514)
Rate Rider for Tax Change – effective until April 30, 2012	$/kW	(0.0178)
Retail Transmission Rate – Network Service Rate	$/kW	2.8670
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	2.0667

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

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EB-2010-0082

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/ documentation with regard to electrical consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	8.93
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	0.28
Distribution Volumetric Rate	$/kWh	0.0279
Low Voltage Service Rate	$/kWh	0.0010
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kWh	(0.0003)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kWh	(0.0007)
Rate Rider for Tax Change – effective until April 30, 2012	$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0047

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2010-0082

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges or assessments that are required by law to be charged by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, charges for Ministry of Energy Conservation and Renewable Energy Program, the Provincial Benefit and any applicable taxes.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	2.43
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	0.03
Distribution Volumetric Rate	$/kW	6.9763
Low Voltage Service Rate	$/kW	0.2816
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.1061)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(0.2610)
Rate Rider for Tax Change – effective until April 30, 2012	$/kW	(0.0545)
Retail Transmission Rate – Network Service Rate	$/kW	1.7918
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.4215

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

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EB-2010-0082

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	2.20
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	$	0.02
Distribution Volumetric Rate	$/kW	5.9608
Low Voltage Service Rate	$/kW	0.2798
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.0940)
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(0.1344)
Rate Rider for Tax Change – effective until April 30, 2012	$/kW	(0.0465)
Retail Transmission Rate – Network Service Rate	$/kW	1.7668
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.4125

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

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EB-2010-0082

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	5.25

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
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EB-2010-0082

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration		
Arrears Certificate	$	15.00
Statement of account	$	15.00
Duplicate invoices for previous billing	$	15.00
Request for other billing information	$	15.00
Easement Letter	$	15.00
Income tax Letter	$	15.00
Account history	$	15.00
Returned cheque charge (plus bank charges)	$	15.00
Legal letter charge	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Special meter reads	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	$	30.00
Collection of account charge - no disconnection – after regular hours	$	165.00
Disconnect/Reconnect Charge - At Meter During Regular Hours	$	65.00
Disconnect/Reconnect Charge - At meter - After Regular Hours	$	185.00
Disconnect/Reconnect at pole – during regular hours	$	185.00
Disconnect/Reconnect at pole – after regular hours	$	415.00
Install/Remove load control device – during regular hours	$	65.00
Install/Remove load control device – after regular hours	$	185.00
Service call – customer owned equipment	$	30.00
Service call – after regular hours	$	165.00
Temporary service install & remove – overhead – no transformer	$	500.00
Temporary service install & remove – underground – no transformer	$	300.00
Temporary service install & remove – overhead – with transformer	$	1000.00
Specific Charge for Access to the Power Poles – per pole/year	$	22.35

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2011

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EB-2010-0082

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly Fixed Charge, per retailer	$	20.00
Monthly Variable Charge, per customer, per retailer	$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0602
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0496
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A

Appendix 3 of 3

Appendix 3 - 2012 Schedule of Rates and Charges

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0166

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	12.68
Distribution Volumetric Rate	$/kWh	0.0149
Low Voltage Service Rate	$/kWh	0.0010
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kWh	(0.0008)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kWh	0.0023
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kWh	(0.0003)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kWh	(0.0126)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – effective until April 30, 2013	$/kWh	0.0009
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0069
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0046

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0166

GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	33.19
Distribution Volumetric Rate	$/kWh	0.0113
Low Voltage Service Rate	$/kWh	0.0010
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kWh	(0.0006)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kWh	0.0025
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kWh	(0.0003)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kWh	(0.0126)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – effective until April 30, 2013	$/kWh	0.0002
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0044

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

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EB-2011-0166

GENERAL SERVICE 50 to 2,999 kW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 3,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	214.62
Distribution Volumetric Rate	$/kW	2.0385
Low Voltage Service Rate	$/kW	0.3506
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(0.2431)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	1.0218
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.1219)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(5.3132)
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – effective until April 30, 2013	$/kW	0.0349
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kW	(0.0283)
Retail Transmission Rate – Network Service Rate	$/kW	2.4752
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.7517
Retail Transmission Rate – Network Service Rate – Interval Metered	$/kW	3.0491
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval Metered	$/kW	1.9423

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

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EB-2011-0166

GENERAL SERVICE 3,000 to 4,999 kW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 3,000 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	1,408.58
Distribution Volumetric Rate	$/kW	1.3062
Low Voltage Service Rate	$/kW	0.4094
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(1.0514)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	4.7135
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.6753)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(23.9176)
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kW	(0.0266)
Retail Transmission Rate – Network Service Rate	$/kW	3.0491
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.9423

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
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EB-2011-0166

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/ documentation with regard to electrical consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	9.01
Distribution Volumetric Rate	$/kWh	0.0281
Low Voltage Service Rate	$/kWh	0.0010
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kWh	(0.0007)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kWh	0.0021
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kWh	(0.0003)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kWh	(0.0126)
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate	$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kWh	0.0044

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
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EB-2011-0166

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	2.74
Distribution Volumetric Rate	$/kW	7.868
Low Voltage Service Rate	$/kW	0.2816
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(0.2610)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	0.8496
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.1061)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(4.5914)
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kW	(0.0820)
Retail Transmission Rate – Network Service Rate	$/kW	1.9056
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.3353

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0166

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	$	2.67
Distribution Volumetric Rate	$/kW	7.2326
Low Voltage Service Rate	$/kW	0.2798
Rate Rider for Deferral/Variance Account Disposition (2010) – effective until April 30, 2014	$/kW	(0.1344)
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2013	$/kW	0.781
Rate Rider for Global Adjustment Sub-Account Disposition (2010) – effective until April 30, 2014 Applicable only for Non-RPP Customers	$/kW	(0.0940)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective until April 30, 2013 Applicable only for Non-RPP Customers	$/kW	(4.1576)
Rate Rider for Tax Adjustments - effective until April 30, 2013	$/kW	(0.0699)
Retail Transmission Rate – Network Service Rate	$/kW	1.8790
Retail Transmission Rate – Line and Transformation Connection Service Rate	$/kW	1.3268

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	$/kWh	0.0052
Rural Rate Protection Charge	$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	$	0.25

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0166

microFIT GENERATOR SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	$	5.25

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0166

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration		
Arrears Certificate	$	15.00
Statement of account	$	15.00
Duplicate invoices for previous billing	$	15.00
Request for other billing information	$	15.00
Easement Letter	$	15.00
Income tax Letter	$	15.00
Account history	$	15.00
Returned cheque charge (plus bank charges)	$	15.00
Legal letter charge	$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	$	30.00
Special meter reads	$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	$	30.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	$	30.00
Collection of account charge - no disconnection – after regular hours	$	165.00
Disconnect/Reconnect Charge - At Meter During Regular Hours	$	65.00
Disconnect/Reconnect Charge - At meter - After Regular Hours	$	185.00
Disconnect/Reconnect at pole – during regular hours	$	185.00
Disconnect/Reconnect at pole – after regular hours	$	415.00
Install/Remove load control device – during regular hours	$	65.00
Install/Remove load control device – after regular hours	$	185.00
Service call – customer owned equipment	$	30.00
Service call – after regular hours	$	165.00
Temporary service install & remove – overhead – no transformer	$	500.00
Temporary service install & remove – underground – no transformer	$	300.00
Temporary service install & remove – overhead – with transformer	$	1000.00
Specific Charge for Access to the Power Poles – per pole/year	$	22.35

Essex Powerlines Corporation
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2012

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2011-0166

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	$	100.00
Monthly Fixed Charge, per retailer	$	20.00
Monthly Variable Charge, per customer, per retailer	$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	$	0.25
Processing fee, per request, applied to the requesting party	$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0602
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0496

Attachment 4-Q

Lost Revenue Adjustment Mechanism

Work Form

Ontario Energy Board

Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 2.0 (2017)

Generic LRAMVA Work Forms

Worksheet Name	Description
1. LRAMVA Summary	**Tables 1-a and 1-b** provide a summary of the LRAMVA balances and carrying charges associated with the LRAMVA disposition. The balances are populated from entries into other tabs throughout this work form.
1-a. Summary of Changes	**Tables A-1 and A-2** include a template for LDCs to summarize changes to the LRAMVA work form.
2. LRAMVA Threshold	**Tables 2-a, 2-b and 2-c** include the LRAMVA thresholds and allocations by rate class.
3. Distribution Rates	**Tables 3-a and 3-b** include the distribution rates that are used to calculate lost revenues.
3-a. Rate Class Allocations	A blank spreadsheet is provided to allow LDCs to populate distributor specific rate class percentages to allocate actual CDM savings to different customer classes.
4. 2011-2014 LRAM	**Tables 4-a, 4-b, 4-c and 4-d** include the template 2011-2014 LRAMVA work forms.
5. 2015-2020 LRAM	**Tables 5-a, 5-b, 5-c and 5-d** include the template 2015-2020 LRAMVA work forms.
6. Carrying Charges	**Table 6-b** includes the variance on carrying charges related to the LRAMVA disposition.
7. Persistence Report	A blank spreadsheet is provided to allow LDCs to populate with CDM savings persistence data provided by the IESO.
8. Streetlighting	A blank spreadsheet is provided to allow LDCs to populate data on streetlighting projects whose savings were not provided by the IESO in the CDM Final Results Report (i.e., streetlighting projects).

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your 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.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.

Ontario Energy Board

LRAMVA Work Form: Instructions

Version 2.0 (2017)

Tab	Instructions
LRAMVA Checklist/Schematic Tab	The LRAMVA work form was created in a generic manner for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components) but have been included in an effort to avoid major updates in the future. Distributors should follow the checklist, which is referenced in this tab of the work form and listed below: o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a. o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form. o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved. o Include a copy of initiative-level persistence savings information that was verified by the IESO. Persistence information is available upon request from the IESO. o Apply the IESO verified savings adjustments to the year it relates to. For example, savings adjustments to 2015 programs will be provided to LDCs with the 2016 Final Results Report. The 2015 savings adjustments should be included in the 2015 verified savings portion of the work form. o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable. o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a.
Tab 1. LRAMVA Summary	Distributors are required to report any past approved LRAMVA amounts along with the current LRAMVA amount requested for approval. There are separate tables indicating new lost revenues and carrying charges amounts by year and the totals for rate rider calculations.
Tab 1-a. Summary of Changes	Distributors should list all significant changes and changes in assumptions in the generic work form affecting the LRAMVA.
Tab 2. LRAMVA Threshold	Distributors should use the tables to display the LRAMVA threshold amounts as approved at a rate class level. This should be taken from the LDC's most recently approved cost of service application.
Tab 3. Distribution Rates	Distributors should complete the tables with rate class specific distribution rates and adjustments as applicable.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
Tabs 4 and 5 (2011-2020)	Distributors should complete the lost revenue calculation for 2011-2014 program years and 2015-2020 program years, as applicable, by undertaking the following: o Input or manually link the savings, adjustments and program savings persistence data from Tab 7 (Persistence Report) to Tabs 4 and 5. As noted earlier, persistence data is available upon request from the IESO. o Ensure that the IESO verified savings adjustments apply to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. o Confirm the monthly multipliers applied to demand savings. If a different monthly multiplier is used than what was confirmed in the LRAMVA Report, provide rationale in Tab 1-a and highlight the new monthly multiplier that has been used. o Input the rate class allocations by program and year to allocate actual savings to customers. If a different allocation is proposed for adjustments, LDCs must provide the supporting rationale in Tab 1-a and highlight the change. o Provide assumptions about the year(s) in which persistence is captured in the load forecast via the "Notes" section of each table and adjust what is included in the LRAMVA totals, as appropriate.
Tab 6. Carrying Charges	Distributors are requested to calculate carrying charges based on the methodology provided in the work form. This includes updating Table 6 as new prescribed interest rates for deferral and variance accounts become available and entering any collected interest amounts into the "Amounts Cleared" row to calculate outstanding variances on carrying charges.
Tab 7. Persistence Report	Persistence savings report(s) provided by the IESO should be included for the relevant years in the LRAMVA work form. Tab 7 has been created consistently with the IESO's persistence report.
Tab 8. Streetlighting	A tab is provided to ensure LDCs include documentation or data to support projects whose program savings were not provided by the IESO (i.e., streetlighting projects).

Ontario Energy Board

LRAMVA Work Form: Checklist and Schematic

Version 2.0 (2017)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2017, 2018, 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA ($) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend

Drop Down List (Blue)

Important Checklist

- o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
- o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
- o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
- o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
- o Apply the IESO verified savings adjustments to the year it relates to.
- o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
- o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

Ontario Energy Board

LRAMVA Work Form: Summary Tab

Version 2.0 (2017)

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)
LDC Name	Essex Powerlines Corporation

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2013-0128
Application of Previous LRAMVA Claim	20XX COS/IRM Application
Period of LRAMVA Claimed in Previous Application	2011-2012
Amount of LRAMVA Claimed in Previous Application	$ 109,213.00

B. Current LRAMVA Application

Current LRAMVA Application (EB#)		EB-2017-0039
Application of Current LRAMVA Claim		2018 COS Application
Period of New LRAMVA in this Application		2013-2015
Actual Lost Revenues ($)	A	**$ 504,108**
Forecast Lost Revenues ($)	B	**$ -**
Carrying Charges ($)	C	**$ 9,392**
LRAMVA ($) for Account 1568	A-B+C	**$ 513,500**

C. Documentation of Changes

Original Amount	
Amount for Final Disposition	

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$254,685	$4,610	$259,295
General Service <50 kW	kWh	$164,634	$3,166	$167,801
General Service 50 - 2,999 kW	kW	$75,989	$1,571	$77,559
General Service 3,000 - 4,999 kW	kW	$0	$0	$0
Sentinel Lighting	kW	$0	$0	$0
Street Lighting	kW	$8,801	$44	$8,845
Unmetered Scattered Load	kWh	$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$504,108**	**$9,392**	**$513,500**

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

Depending on the period of LRAMVA to be claimed, LDCs are expected to adjust the totals for carrying charges in row 82 of Table 1-b and the years included in the LRAMVA balance in row 83, as appropriate.

Description	LRAMVA Previously Claimed	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
		kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
2011 Actuals	☑															
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																$0.00
2012 Actuals	☑															
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																$0.00
2013 Actuals	☐	$31,829.63	$24,211.25	$13,058.28	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$69,099.16
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2014 Actuals	☐	$52,439.93	$34,282.44	$17,078.31	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$103,800.68
2014 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2015 Actuals	☐	$70,727.82	$48,780.34	$22,910.74	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$142,418.91
2015 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2016 Actuals		$99,687.23	$57,360.15	$22,941.22	$0.00	$0.00	$8,800.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$188,789.35
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
Amount Cleared																
Carrying Charges		$4,610.18	$3,166.44	$1,570.84	$0.00	$0.00	$44.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$9,391.83
Total LRAMVA Balance		**$259,295**	**$167,801**	**$77,559**	**$0**	**$0**	**$8,845**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$513,500**

Note: LDC to make note of assumptions included above, if any

Ontario Energy Board

LRAMVA Work Form: Summary of Changes

Version 2.0 (2017)

Legend	
	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; use of a different LRAMVA threshold; etc. All important changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Ontario Energy Board

LRAMVA Work Form: Forecast Lost Revenues

Version 2.0 (2017)

Legend

- User Inputs (Green)
- Drop Down List (Blue)
- Auto Populated Cells (White)
- Instructions (Grey)

Table 2-a. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Basis of Threshold

Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load							
		kWh	kWh	kW	kW	kW	kW	kWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

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LRAMVA Work Form: Distribution Rates

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Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-0143	EB-2010-0082	EB-2011-0166	EB-2012-0123	EB-2013-0128	EB-2014-0072	EB-2015-0005	EB-2016-0069	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)		*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*				
Period 2 (# months)		*8*	*8*	*8*	*8*	*8*	*8*	*8*	*8*	*12*	*12*	*12*	*12*
Residential	kWh	$ 0.0148	$ 0.0148	$ 0.0149	$ 0.0150	$ 0.0152	$ 0.0152	$ 0.0116	$ 0.0078				
Adjusted rate		$ 0.0148	$ 0.0148	$ 0.0149	$ 0.0150	$ 0.0152	$ 0.0152	$ 0.0116	$ 0.0078	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0148**	**$ 0.0149**	**$ 0.0150**	**$ 0.0151**	**$ 0.0152**	**$ 0.0128**	**$ 0.0091**	**$ -**	**$ -**	**$ -**	
General Service <50 kW	kWh	$ 0.0070	$ 0.0088	$ 0.0113	$ 0.0114	$ 0.0116	$ 0.0116	$ 0.0118	$ 0.0120				
Adjusted rate		$ 0.0070	$ 0.0088	$ 0.0113	$ 0.0114	$ 0.0116	$ 0.0116	$ 0.0118	$ 0.0120	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0082**	**$ 0.0105**	**$ 0.0114**	**$ 0.0115**	**$ 0.0116**	**$ 0.0117**	**$ 0.0119**	**$ -**	**$ -**	**$ -**	
General Service 50 - 2,999 kW	kW	$ 2.8494	$ 2.4899	$ 2.0385	$ 2.0981	$ 2.1306	$ 2.1306	$ 2.1721	$ 2.2101				
Adjusted rate		$ 2.8494	$ 2.4899	$ 2.0385	$ 2.0981	$ 2.1306	$ 2.1306	$ 2.1721	$ 2.2101	$ -	$ -	$ -	
Calendar year equivalent			**$ 2.6097**	**$ 2.1890**	**$ 2.0782**	**$ 2.1198**	**$ 2.1306**	**$ 2.1583**	**$ 2.1974**	**$ -**	**$ -**	**$ -**	
General Service 3,000 - 4,999 kW	kW	$ 1.8485	$ 1.6082	$ 1.3062	$ 1.3457	$ 1.3666	$ 1.3666	$ 1.3932	$ 1.4176				
Adjusted rate		$ 1.8485	$ 1.6082	$ 1.3062	$ 1.3457	$ 1.3666	$ 1.3666	$ 1.3932	$ 1.4176	$ -	$ -	$ -	
Calendar year equivalent			**$ 1.6883**	**$ 1.4069**	**$ 1.3325**	**$ 1.3596**	**$ 1.3666**	**$ 1.3843**	**$ 1.4095**	**$ -**	**$ -**	**$ -**	
Sentinel Lighting	kW	$ 5.8683	$ 6.9763	$ 7.8680	$ 9.2956	$ 9.4397	$ 9.4397	$ 9.6238	$ 9.7922				
Adjusted rate		$ 5.8683	$ 6.9763	$ 7.8680	$ 9.2956	$ 9.4397	$ 9.4397	$ 9.6238	$ 9.7922	$ -	$ -	$ -	
Calendar year equivalent			**$ 6.6070**	**$ 7.5708**	**$ 8.8197**	**$ 9.3917**	**$ 9.4397**	**$ 9.5624**	**$ 9.7361**	**$ -**	**$ -**	**$ -**	
Street Lighting	kW	$ 4.7426	$ 5.9608	$ 7.2326	$ 8.4872	$ 8.6188	$ 8.6188	$ 8.7869	$ 8.9407				
Adjusted rate		$ 4.7426	$ 5.9608	$ 7.2326	$ 8.4872	$ 8.6188	$ 8.6188	$ 8.7869	$ 8.9407	$ -	$ -	$ -	
Calendar year equivalent			**$ 5.5547**	**$ 6.8087**	**$ 8.0690**	**$ 8.5749**	**$ 8.6188**	**$ 8.7309**	**$ 8.8894**	**$ -**	**$ -**	**$ -**	
Unmetered Scattered Load	kWh	$ 0.0278	$ 0.0279	$ 0.0281	$ 0.0282	$ 0.0286	$ 0.0286	$ 0.0292	$ 0.0297				
Adjusted rate		$ 0.0278	$ 0.0279	$ 0.0281	$ 0.0282	$ 0.0286	$ 0.0286	$ 0.0292	$ 0.0297	$ -	$ -	$ -	
Calendar year equivalent			**$ 0.0279**	**$ 0.0280**	**$ 0.0282**	**$ 0.0285**	**$ 0.0286**	**$ 0.0290**	**$ 0.0295**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. As such, please clear the rates related to the year(s) that are not part of the LRAMVA claim. The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load							
	kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0
2011	$0.0148	$0.0082	$2.6097	$1.6883	$6.6070	$5.5547	$0.0279	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2012	$0.0149	$0.0105	$2.1890	$1.4069	$7.5708	$6.8087	$0.0280	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2013	$0.0150	$0.0114	$2.0782	$1.3325	$8.8197	$8.0690	$0.0282	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2014	$0.0151	$0.0115	$2.1198	$1.3596	$9.3917	$8.5749	$0.0285	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2015	$0.0152	$0.0116	$2.1306	$1.3666	$9.4397	$8.6188	$0.0286	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2016	$0.0128	$0.0117	$2.1583	$1.3843	$9.5624	$8.7309	$0.0290	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

Ontario Energy Board

LRAMVA Work Form:
Determination of Rate Class Allocations

Version 2.0 (2017)

Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

Program	Allocation	Rationale
Appliance Retirement	100% Residential	Only residential customers are eligible for this program
Appliance Exchange	100% Residential	Only residential customers are eligible for this program
HVAC Incentives	100% Residential	Only residential customers are eligible for this program
Conservation Instant Coupor	100% Residential	Only residential customers are eligible for this program
Bi-Annual Retailer Event	100% Residential	Only residential customers are eligible for this program
Residential New Constructio	100% Residential	Only residential customers are eligible for this program
Retrofit	50% GS<50, 50% GS>50	This program is open to both GS<50 and GS>50 customers. EPLC has had significant uptake from both customer classes. EPLC is therefore proposing a 50/50 split of verified savings.
Direct Install Lighting	100% GS<50	Only GS<50 customers are eligible for this program
Energy Manager	100% GS>50	EPLC only had one Energy Manager and it was a GS>50 customer
Home Assistance Program	100% Residential	Only residential customers are eligible for this program
High Performance New Cons	100% GS>50	EPLC has reviewed and only GS>50 customers have applied for this program for the time period under review
Time of Use Savings	100% Residential	Only residential customers are eligible for this program
Coupon Initiative	100% Residential	Only residential customers are eligible for this program
Bi-Annual Retailer Event Initi	100% Residential	Only residential customers are eligible for this program
Appliance Retirement Initiati	100% Residential	Only residential customers are eligible for this program
HVAC Incentives Initiative	100% Residential	Only residential customers are eligible for this program
Residential New Constructio	100% Residential	Only residential customers are eligible for this program
Energy Audit Initiative	25% GS<50, 75% GS>50	This program is open to both GS<50 and GS>50 customers. EPLC has reviewed its prior applications and uptake has been predominantly GS>50. EPLC is therefore proposing a 75/25 split of verified savings.
Efficiency: Equipment Repla	50% GS<50, 50% GS>50	This program is open to both GS<50 and GS>50 customers. EPLC has had significant uptake from both customer classes. EPLC is therefore proposing a 50/50 split of verified savings.
Direct Install Lighting and W	100% GS<50	Only GS<50 customers are eligible for this program
Process and Systems Upgrad	100% GS>50	EPLC has reviewed and only GS>50 customers have applied for this program for the time period under review
Program Enabled Savings	100% GS>50	EPLC had one major Program Enabled Savings which related to the Parkway project which was entirely GS>50
Save on Energy Coupon Prog	100% Residential	Only residential customers are eligible for this program
Save on Energy Heating and	100% Residential	Only residential customers are eligible for this program
Save on Energy Retrofit Prog	50% GS<50, 50% GS>50	This program is open to both GS<50 and GS>50 customers. EPLC has had significant uptake from both customer classes. EPLC is therefore proposing a 50/50 split of verified savings.

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LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 2.0 (2017)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues
Table 4-b. 2012 Lost Revenues
Table 4-c. 2013 Lost Revenues
Table 4-d. 2014 Lost Revenues

Table 4-a. 2011 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load									Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	48,406	48,406	48,406	48,203	37,742	0	0	0	0	0		7	7	7	7	5	0	0	0	0	0	100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	3,231	3,231	3,231	1,432	0	0	0	0	0	0		3	3	3	1	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694		264	264	264	264	264	264	264	264	264	264	100.00%														100%
	Adjustment to 2011 savings	True-up	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	121,822	121,822	121,822	121,822	112,064	101,404	79,289	78,776	99,193	37,912		8	8	8	8	7	7	6	6	7	4	100.00%														100%
	Adjustment to 2011 savings	True-up	1,802	1,802	1,802	1,802	1,802	1,647	1,010	1,009	1,009	357		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	192,162	192,162	192,162	192,162	175,622	157,552	118,784	118,351	152,960	49,084		11	11	11	11	10	9	8	8	9	4	100.00%														100%
	Adjustment to 2011 savings	True-up	14,277	14,277	14,277	14,277	14,277	12,974	7,004	7,003	7,003	1,545		1	1	1	1	1	1	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																						100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		48	0	0	0	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																						100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																						100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																						
10	Retrofit	Verified	337,744	337,744	337,744	337,744	337,744	337,744	337,744	337,744	317,302	317,302	12	56	56	56	56	56	56	56	56	52	52		50.00%	50.00%												100%
	Adjustment to 2011 savings	True-up											12											0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	139,935	139,935	139,935	87,918	87,918	84,499	17,966	17,966	17,966	17,966	12	52	52	52	36	36	35	7	7	7	7		100.00%													100%
	Adjustment to 2011 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																									0%
	Adjustment to 2011 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	7,344	0	0	0	0	0	0	0	0	0		188	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
18	Process & System Upgrades	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																									0%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	12	93	93	93	93	93	93	93	93	93	93		50.00%	50.00%												100%
	Adjustment to 2011 savings	True-up											12											0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	102,648	0	0	0	0	0	0	0	0	0		1,749	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																						
23	Home Assistance Program	Verified																						100.00%														100%
	Adjustment to 2011 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																						
24	Home Assistance Program	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																						
26	Electricity Retrofit Incentive Program	Verified	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	12	10	10	10	10	10	10	10	10	10	10			100.00%												100%

	Adjustment to 2011 savings	True-up											12										0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	12	0	0	0	0	0	0	0	0	0	0		100.00%													100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
31	Program Enabled Savings	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2011		**2,109,076**											**2,448**									**775,291**	**653,237**	**1,007**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2011																						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2011																						$0.01480	$0.00820	$2.60970	$1.68830	$6.60700	$5.55470	$0.02790	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2011 from 2011 programs																						**$11,474.31**	**$5,356.54**	**$2,627.68**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$19,458.53**
	Forecast Lost Revenues in 2011																						**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
	LRAMVA in 2011																																					**$19,458.53**
	2011 Savings Persisting in 2012																						775,291	653,237	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2013																						775,291	653,237	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2014																						773,289	601,220	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2015																						735,098	601,220	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2016																						667,168	597,801	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2017																						599,679	531,268	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2018																						598,730	531,268	1,007	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2019																						653,757	521,047	985	0	0	0	0	0	0	0	0	0	0	0		
	2011 Savings Persisting in 2020																						482,489	521,047	985	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	16,070	16,070	16,070	15,968	9,621	0	0	0	0	0		2	2	2	2	1	0	0	0	0	0	100.00%														100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	4,153	4,153	4,153	4,065	0	0	0	0	0	0		2	2	2	2	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	249,324	249,324	249,324	249,324	249,324	249,324	249,324	249,324	249,324	249,324		153	153	153	153	153	153	153	153	153	153	100.00%														100%
	Adjustment to 2012 savings	True-up	5,382	5,382	5,382	5,382	5,382	5,382	5,382	5,382	5,382	5,382		3	3	3	3	3	3	3	3	3	3	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	9,143	9,143	9,143	9,143	9,005	9,005	4,241	4,217	4,217	4,217		2	2	2	2	2	2	1	1	1	1	100.00%														100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	175,123	175,123	175,123	175,123	157,424	128,008	87,315	87,133	87,133	44,257		10	10	10	10	9	7	6	6	6	4	100.00%														100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																					
10	Retrofit	Verified	1,594,397	1,594,397	1,571,403	1,507,205	1,507,205	1,481,206	#######	#######	#######	#######	12	295	295	288	268	268	260	260	260	246	243		50%	50%												100%
	Adjustment to 2012 savings	True-up	21,859	21,859	21,859	21,859	21,859	21,859	21,370	21,370	21,370	18,448	12	4	4	4	4	4	4	3	3	3	3	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	23,662	23,662	23,662	12,337	12,337	1,329	1,329	1,329	1,329	1,329	12	7	7	7	4	4	0	0	0	0	0		100%													100%
	Adjustment to 2012 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																									0%
	Adjustment to 2012 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																									0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	25,176	25,176	25,176	25,176	0	0	0	0	0	0	12	5	5	5	5	0	0	0	0	0	0		25.00%	75.00%												100%
	Adjustment to 2012 savings	True-up											12											0.00%	25.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	2,742	0	0	0	0	0	0	0	0	0		189	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
18	Process & System Upgrades	Verified											12																									0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																									0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12																									0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																									0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	43,656	0	0	0	0	0	0	0	0	0		1,811	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified	88,006	88,006	88,006	88,006	87,804	87,804	73,261	73,039	19,227	19,032		6	6	6	6	6	6	5	5	2	2	100%														100%
	Adjustment to 2012 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																					
24	Home Assistance Program	Verified																																				0%
	Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																									0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																					
26	Electricity Retrofit Incentive Program	Verified											12																									0%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

27	High Performance New Construction	Verified	716	716	716	716	716	716	716	716	716	716	12	1	1	1	1	1	1	1	1	1	1			100.00%													100%
	Adjustment to 2012 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																						
31	Program Enabled Savings	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											0																										0%
	Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2012		**2,259,408**											**2,489**										**547,200**	**838,084**	**1,847**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2012																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2012																							$0.01490	$0.01050	$2.18900	$1.40690	$7.57080	$6.80870	$0.02800	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2012 from 2011 programs																							$11,551.84	$6,858.99	$2,204.08	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$20,614.91
	Lost Revenue in 2012 from 2012 programs																							$8,153.28	$8,799.88	$4,043.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$20,996.17
	Total Lost Revenues in 2012																							**$19,705.12**	**$15,658.87**	**$6,247.09**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$41,611.08**
	Forecast Lost Revenues in 2012																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**		**$0.00**
	LRAMVA in 2012																																						**$41,611.08**
	2012 Savings Persisting in 2013																							547,200	838,084	1,847	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2014																							547,200	826,587	1,805	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2015																							547,009	783,163	1,686	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2016																							518,560	776,869	1,640	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2017																							479,523	752,862	1,592	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2018																							419,522	752,010	1,590	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2019																							419,095	752,010	1,590	0	0	0	0	0	0	0	0	0	0	0		
	2012 Savings Persisting in 2020																							365,283	718,312	1,503	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	8,577	8,577	8,577	8,577	6,215	0	0	0	0	0		1	1	1	1	1	0	0	0	0	0	100.00%														100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	11,453	11,453	11,453	11,453	0	0	0	0	0	0		6	6	6	6	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	263,999	263,999	263,999	263,999	263,999	263,999	263,999	263,999	263,999	263,999		164	164	164	164	164	164	164	164	164	164	100.00%														100%
	Adjustment to 2013 savings	True-up	6,870	6,870	6,870	6,870	6,870	6,870	6,870	6,870	6,870	6,870		4	4	4	4	4	4	4	4	4	4	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	50,399	50,399	48,457	41,053	41,053	41,053	41,053	41,019	29,828	29,828		3	3	3	3	3	3	3	3	2	2	100.00%														100%
	Adjustment to 2013 savings	True-up	154	154	147	127	127	127	127	127	106	106		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	112,337	112,337	105,569	82,469	82,469	82,469	82,469	82,372	69,270	69,270		8	8	7	6	6	6	6	6	5	5	100.00%														100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																						100.00%														100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																						
10	Retrofit	Verified	965,814	943,411	925,102	873,829	827,192	822,875	822,875	821,914	807,225	775,756	12	231	224	218	201	186	186	186	186	181	176		50%	50%												100%
	Adjustment to 2013 savings	True-up	114,260	110,928	101,941	93,127	90,940	90,525	90,525	90,525	90,525	87,502	12	26	25	23	20	20	19	19	19	19	19	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	43,954	43,954	43,803	42,981	7,727	7,727	7,727	7,727	7,727	7,727	12	14	14	14	14	2	2	2	2	2	2		100%													100%
	Adjustment to 2013 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																										0%
	Adjustment to 2013 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	193,803	193,803	193,803	193,803	0	0	0	0	0	0	12	35	35	35	0	0	0	0	0	0	0		25.00%	75%												100%
	Adjustment to 2013 savings	True-up	129	129	129	129	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	25.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	2,555	0	0	0	0	0	0	0	0	0		191	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
18	Process & System Upgrades	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	150,984	144,990	144,990	144,990	0	0	0	0	0	0	12	92	36	36	36	0	0	0	0	0	0			100.00%												100%
	Adjustment to 2013 savings	True-up	16,482	22,476	22,476	22,476	167,466	166,282	166,282	166,282	166,282	166,282	12	38	35	35	35	71	71	71	71	71	71	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	96,815	0	0	0	0	0	0	0	0	0		2,182	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																						
23	Home Assistance Program	Verified	345,695	336,739	326,572	294,525	278,852	267,255	243,042	241,974	109,974	107,635		33	32	32	30	29	29	27	27	20	18	100%														100%
	Adjustment to 2013 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																						
24	Home Assistance Program	Verified																																					0%
	Adjustment to 2013 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																										0%
	Adjustment to 2013 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																						
26	Electricity Retrofit Incentive Program	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified											12																										0%
	Adjustment to 2013 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

28	Toronto Comprehensive	Verified										0																								0%
	Adjustment to 2013 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified										0																								0%
	Adjustment to 2013 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified										0																								0%
	Adjustment to 2013 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																			
31	Program Enabled Savings	Verified										0																								0%
	Adjustment to 2013 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified										0																								0%
	Adjustment to 2013 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified										0																								0%
	Adjustment to 2013 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**2,384,279**										**3,030**									**799,484**	**632,473**	**3,430**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2013																					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2013																					$0.01500	$0.01140	$2.07820	$1.33250	$8.81970	$8.06900	$0.02820	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2013 from 2011 programs																					$11,629.37	$7,446.90	$2,092.52	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21,168.78
	Lost Revenue in 2013 from 2012 programs																					$8,208.00	$9,554.16	$3,838.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21,600.53
	Lost Revenue in 2013 from 2013 programs																					$11,992.26	$7,210.19	$7,127.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$26,329.86
	Total Lost Revenues in 2013																					**$31,829.63**	**$24,211.25**	**$13,058.28**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$69,099.16**
	Forecast Lost Revenues in 2013																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	
	LRAMVA in 2013																																			**$69,099.16**
	2013 Savings Persisting in 2014																					790,528	619,606	2,662	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2015																					771,643	605,807	2,612	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2016																					709,073	574,942	2,180	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2017																					679,586	466,793	2,087	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2018																					661,773	464,427	2,082	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2019																					637,560	464,427	2,082	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2020																					636,360	463,946	2,082	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form Return to Top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
	Consumer Program																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	11,926	11,926	11,926	11,926	7,374	0	0	0	0	0		2	2	2	2	1	0	0	0	0	0	100%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	12,561	12,561	12,561	12,561	0	0	0	0	0	0		7	7	7	7	0	0	0	0	0	0	100%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	340,235	340,235	340,235	340,235	340,235	340,235	340,235	340,235	340,235	340,235		187	187	187	187	187	187	187	187	187	187	100%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	184,680	171,930	165,775	165,775	165,775	165,775	165,775	165,453	165,453	141,537		14	13	13	13	13	13	13	13	13	11	100%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	803,649	697,157	641,659	641,659	641,659	641,659	641,659	641,381	641,381	596,520		53	46	42	42	42	42	42	42	42	40	100%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified																																				0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		118	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified																																				0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	5,938	5,938	5,938	5,938	5,938	5,938	5,938	5,938	5,938	5,938		0	0	0	0	0	0	0	0	0	0	100.00%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																					
10	Retrofit	Verified	1,785,969	1,763,532	1,763,532	1,759,981	1,759,981	1,759,981	#######	#######	#######	#######	12	267	260	260	259	259	259	254	254	244	222		50%	50%												100%
	Adjustment to 2014 savings	True-up											12											0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	40,685	40,685	39,701	15,613	15,613	15,613	15,613	15,613	15,613	15,613	12	12	12	11	4	4	4	4	4	4	4		100%													100%
	Adjustment to 2014 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3																									0%
	Adjustment to 2014 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12																									0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12																									0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		4	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																																				0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		149	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
18	Process & System Upgrades	Verified											12																									0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12																									0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	81,552	81,552	81,552	81,552	81,552	81,552	81,552	81,552	81,552	81,552	12	19	19	19	19	19	19	19	19	19	19		100.00%													100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12																									0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		106	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified	2,839	2,712	2,443	2,305	2,218	2,218	1,886	1,886	707	707		0	0	0	0	0	0	0	0	0	0	100%														100%
	Adjustment to 2014 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																					
24	Home Assistance Program	Verified																																				0%
	Adjustment to 2014 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																									0%
	Adjustment to 2014 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																					
26	Electricity Retrofit Incentive Program	Verified											12																									0%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	321,000	321,000	321,000	321,000	321,000	321,000	321,000	321,000	321,000	321,000	12	63	63	63	63	63	63	63	63	63	63		100.00%													100%
	Adjustment to 2014 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0																									0%

	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified										0																						0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified										0																						0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																	
31	Program Enabled Savings	Verified										0																						0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	296	0	0	0	0	0	0	0	0	0	100.00%										100%
	Adjustment to 2014 savings	True-up										0										100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified										0																						0%
	Adjustment to 2014 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**3,591,032**											**1,297**								**1,361,826**	**933,669**	**2,583**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2014																					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2014																					$0.01510	$0.01150	$2.11980	$1.35960	$9.39170	$8.57490	$0.02850	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2014 from 2011 programs																					$11,676.67	$6,914.02	$2,134.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$20,725.09	
	Lost Revenue in 2014 from 2012 programs																					$8,262.72	$9,505.75	$3,825.39	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21,593.86	
	Lost Revenue in 2014 from 2013 programs																					$11,936.97	$7,125.47	$5,643.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24,706.33	
	Lost Revenue in 2014 from 2014 programs																					$20,563.57	$10,737.20	$5,474.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$36,775.40	
	Total Lost Revenues in 2014																					**$52,439.93**	**$34,282.44**	**$17,078.31**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$103,800.68**	
	Forecast Lost Revenues in 2014																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	
	LRAMVA in 2014																																	**$103,800.68**	
	2014 Savings Persisting in 2015																					1,242,458	922,451	2,544	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2016																					1,180,535	921,467	2,544	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2017																					1,180,398	895,603	2,538	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2018																					1,163,198	895,603	2,538	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2019																					1,155,823	895,603	2,538	0	0	0	0	0	0	0	0	0	0		
	2014 Savings Persisting in 2020																					1,155,492	876,160	2,508	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 2.0 (2017)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 5-a. 2015 Lost Revenues
Table 5-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues
Table 5-e. 2019 Lost Revenues
Table 5-f. 2020 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
	Legacy Framework																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
	Residential Program																																						
1	Coupon Initiative	Verified	163,745	162,271	162,271	162,271	162,271	162,271	162,271	162,236	162,236	162,236		11	10	10	10	10	10	10	10	10	10	100.00%														100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified	238,330	230,426	230,426	230,426	230,426	230,426	230,426	230,418	230,418	230,418		18	17	17	17	17	17	17	17	17	17	100.00%														100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified	9,159	9,159	9,159	9,159	6,105	0	0	0	0	0		1	1	1	1	1	0	0	0	0	0	100.00%														100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initaitive	Verified	314,522	314,522	314,522	314,522	314,522	314,522	314,522	314,522	314,522	314,522		168	168	168	168	168	168	168	168	168	168	100.00%														100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified	15,578	15,578	15,578	15,578	15,578	15,578	15,578	15,578	15,578	15,578		6	6	6	6	6	6	6	6	6	6	100.00%														100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																						
6	Energy Audit Initiative	Verified	214,071	214,071	214,071	214,071	0	0	0	0	0	0	12	46	46	46	46	0	0	0	0	0	0		25.00%	75.00%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	25.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	2,298,106	2,298,106	2,294,054	2,294,054	2,294,054	2,294,054	2,214,936	2,214,936	2,198,068	1,934,063	12	376	376	375	375	375	375	363	363	359	320		50%	50%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified	14,098	10,671	10,460	10,460	10,460	10,460	10,460	10,460	10,460	10,460	12	3	2	2	2	2	2	2	2	2	2		100%													100%
	Adjustment to 2015 savings	True-up											12											0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0			100.00%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	28,463	28,463	28,463	28,463	28,463	28,463	28,463	26,738	26,738	26,738	12	19	19	19	19	19	19	19	19	19	19			100.00%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																						
14	Low Income Initiative	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																						
15	Aboriginal Conservation Program	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified	8,746,466	8,746,466	8,746,466	8,746,466	8,746,466	866	866	866	866	866	0	977	977	977	977	977	0	0	0	0	0			100.00%												100%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																						
17	Conservation Fund Pilot - EnerNOC	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																						

	Residential Province-Wide Programs																																						
21	Save on Energy Coupon Program	Verified	535,138	530,818	530,818	530,818	530,818	530,818	530,818	530,481	530,481	530,481		34	34	34	34	34	34	34	34	31	31	100%															100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
22	Save on Energy Heating and Cooling Program	Verified	80,466	80,466	80,466	80,466	80,466	80,466	80,466	80,466	80,466	80,466		42	42	42	42	42	42	42	42	42	42	100%															100%
	Adjustment to 2015 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
23	Save on Energy New Construction Program	Verified																																					0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
24	Save on Energy Home Assistance Program	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0																0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Non-Residential Province-Wide Programs																																						
25	Save on Energy Audit Funding Program	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0																0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
26	Save on Energy Retrofit Program	Verified	151,786	151,786	151,786	151,786	151,786	151,786	151,663	151,663	151,663	151,262	12	1	1	1	1	1	1	1	0	0	0		50%	50%												100%
	Adjustment to 2015 savings	True-up											12											0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
27	Save on Energy Small Business Lighting Program	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
28	Save on Energy High Performance New Construction Program	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
29	Save on Energy Existing Building Commissioning Program	Verified											3																										0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
30	Save on Energy Process & Systems Upgrades Program	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
31	Save on Energy Monitoring & Targeting Program	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
32	Save on Energy Energy Manager Program	Verified											12																										0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Local & Regional Programs																																						
33	Business Refrigeration Local Program	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
34	First Nation Conservation Local Program	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
35	Social Benchmarking Local Program	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Pilot Programs																																						
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																					0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											0																										0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
	Actual CDM Savings in 2015		12,809,928											1,702										1,356,938	1,292,562	2,904	0	0	0	0	0	0	0	0	0	0	0		
	Forecast CDM Savings in 2015																							0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Distribution Rate in 2015																							$0.01520	$0.01160	$2.13060	$1.36660	$9.43970	$8.61880	$0.02860	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000		
	Lost Revenue in 2015 from 2011 programs																							$11,173.50	$6,974.15	$2,145.28	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$20,292.92
	Lost Revenue in 2015 from 2012 programs																							$8,314.54	$9,084.69	$3,592.84	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$20,992.07
	Lost Revenue in 2015 from 2013 programs																							$11,728.98	$7,027.37	$5,564.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24,320.97
	Lost Revenue in 2015 from 2014 programs																							$18,885.35	$10,700.43	$5,420.73	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$35,006.51
	Lost Revenue in 2015 from 2015 programs																							$20,625.46	$14,993.72	$6,187.26	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$41,806.44
	Total Lost Revenues in 2015																							**$70,727.82**	**$48,780.34**	**$22,910.74**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$142,418.91**
	Forecast Lost Revenues in 2015																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2015																																					**$142,418.91**
	2015 Savings Persisting in 2016																							1,343,240	1,289,135	2,904	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2017																							1,343,240	1,286,898	2,898	0	0	0	0	0	0	0	0	0	0	0	

2015 Savings Persisting in 2018	1,343,240	1,286,898	2,898	0	0	0	0	0	0	0	0	0	0	0
2015 Savings Persisting in 2019	1,340,186	1,233,380	2,484	0	0	0	0	0	0	0	0	0	0	0
2015 Savings Persisting in 2020	1,334,081	1,233,380	2,484	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form Return to top

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA													
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
	Legacy Framework																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
	Residential Program																																					
1	Coupon Initiative	Verified	2,561,702	2,561,702	2,561,702	2,561,702	2,561,702	2,561,702	2,561,702	2,561,315	2,561,315	2,549,878		166	166	166	166	166	166	166	166	166	166	100.00%														100%
	Adjustment to 2016 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initaitive	Verified	709,482	709,482	709,482	709,482	709,482	709,482	709,482	709,482	709,482	709,482		210	210	210	210	210	210	210	210	210	210	100.00%														100%
	Adjustment to 2016 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major Renovation Initiative	Verified	9,213	9,213	9,213	9,213	9,213	9,213	9,213	9,213	9,213	9,213		3	3	3	3	3	3	3	3	3	3	100.00%														100%
	Adjustment to 2016 savings	True-up																						100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																					
6	Energy Audit Initiative	Verified	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	13,143	12	2	2	2	2	2	2	2	2	2	2		25.00%	75.00%												100%
	Adjustment to 2016 savings	True-up											12											0.00%	25.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified	3,695,390	3,676,386	3,676,386	3,676,386	3,676,386	3,675,209	3,675,209	3,675,209	3,674,505	3,674,505	12	140	137	137	137	137	136	136	136	136	136		20.00%	20.00%			60.00%									100%
	Adjustment to 2016 savings	True-up											12											0.00%	20.00%	20.00%	0.00%	0.00%	60.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																									0%
	Adjustment to 2016 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																					
14	Low Income Initiative	Verified	89,092	89,092	89,092	89,092	89,092	89,092	89,092	89,092	89,092	78,459	12	11	11	11	11	11	11	11	11	11	10	100.00%														100%
	Adjustment to 2016 savings	True-up											12											100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
15	Aboriginal Conservation Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																					
17	Conservation Fund Pilot - EnerNOC	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																									0%
	Adjustment to 2016 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																									0%

	Adjustment to 2016 savings	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified										12																					0%
	Adjustment to 2016 savings	True-up										12										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																
33	Business Refrigeration Local Program	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																															0%
	Adjustment to 2016 savings	True-up																				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified										0																					0%
	Adjustment to 2016 savings	True-up										0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2016		**7,078,022**										**532**									**3,369,489**	**742,364**	**354**	**0**	**0**	**1,008**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Forecast CDM Savings in 2016																					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Distribution Rate in 2016																					$0.01280	$0.01170	$2.15830	$1.38430	$9.56240	$8.73090	$0.02900	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2016 from 2011 programs																					$8,539.75	$6,994.27	$2,173.17	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$17,707.20	
	Lost Revenue in 2016 from 2012 programs																					$6,637.56	$9,089.36	$3,538.99	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$19,265.91	
	Lost Revenue in 2016 from 2013 programs																					$9,076.13	$6,726.82	$4,706.12	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$20,509.07	
	Lost Revenue in 2016 from 2014 programs																					$15,110.85	$10,781.17	$5,491.20	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$31,383.22	
	Lost Revenue in 2016 from 2015 programs																					$17,193.47	$15,082.88	$6,267.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$38,544.05	
	Lost Revenue in 2016 from 2016 programs																					$43,129.46	$8,685.66	$764.04	$0.00	$0.00	$8,800.75	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$61,379.90	
	Total Lost Revenues in 2016																					**$99,687.23**	**$57,360.15**	**$22,941.22**	**$0.00**	**$0.00**	**$8,800.75**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$188,789.35**	
	Forecast Lost Revenues in 2016																					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	
	LRAMVA in 2016																																**$188,789.35**
	2016 Savings Persisting in 2017																					3,369,489	738,563	347	0	0	986	0	0	0	0	0	0	0		
	2016 Savings Persisting in 2018																					3,369,489	738,563	347	0	0	986	0	0	0	0	0	0	0		
	2016 Savings Persisting in 2019																					3,369,489	738,563	347	0	0	986	0	0	0	0	0	0	0		
	2016 Savings Persisting in 2020																					3,369,489	738,563	347	0	0	986	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
Legacy Framework																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Actual CDM Savings in 2017		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
Forecast CDM Savings in 2017																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
Distribution Rate in 2017																							$0.00910	$0.01190	$2.19740	$1.40950	$9.73610	$8.88940	$0.02950	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2017 from 2011 programs																							$5,457.08	$6,322.09	$2,212.54	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$13,991.70	
Lost Revenue in 2017 from 2012 programs																							$4,363.66	$8,959.05	$3,498.62	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16,821.33	
Lost Revenue in 2017 from 2013 programs																							$6,184.23	$5,554.83	$4,585.04	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$16,324.10	
Lost Revenue in 2017 from 2014 programs																							$10,741.62	$10,657.68	$5,577.24	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$26,976.54	
Lost Revenue in 2017 from 2015 programs																							$12,223.48	$15,314.08	$6,368.07	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$33,905.63	
Lost Revenue in 2017 from 2016 programs																							$30,662.35	$8,788.90	$762.06	$0.00	$0.00	$8,768.50	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$48,981.81	
Lost Revenue in 2017 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
Total Lost Revenues in 2017																							**$69,632.42**	**$55,596.63**	**$23,003.56**	**$0.00**	**$0.00**	**$8,768.50**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$157,001.12**	
Forecast Lost Revenues in 2017																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	
LRAMVA in 2017																																					**$157,001.12**
2017 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0		
2017 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0		
2017 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0		

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form Return to top

		Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)		Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)	Rate Allocations for LRAMVA

Program	Results Status	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Monthly Multiplier	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
Legacy Framework																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Actual CDM Savings in 2018		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2018																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2018																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2018 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2018 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2018																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2018																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2018																																					**$0.00**
2018 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														Total
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								
Legacy Framework																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Actual CDM Savings in 2019		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2019																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2019																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2019 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2019																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2019																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2019																																					**$0.00**
2019 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														Total
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								
Legacy Framework																							kWh	kWh	kW	kW	kW	kW	kWh	0	0	0	0	0	0	0	
Actual CDM Savings in 2020		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2020																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2020																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2020 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2020 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2020																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2020																																					**$0.00**

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form:
Carrying Charges by Rate Class

Version 2.0 (2017)

Legend

User Inputs (Green)	
Auto Populated Cells (White)	
Instructions (Grey)	

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.10%
2018 Q1	
2018 Q2	
2018 Q3	
2018 Q4	
2019 Q1	
2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

Check OEB website

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	Residential	General Service <50 kW	General Service 50 - 2,999 kW	General Service 3,000 - 4,999 kW	Sentinel Lighting	Street Lighting	Unmetered Scattered Load								Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2011				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$3.25	$2.47	$1.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.05
Mar-13	2011-2013	Q1	0.12%	$6.50	$4.94	$2.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$14.11
Apr-13	2011-2013	Q2	0.12%	$9.75	$7.41	$4.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21.16
May-13	2011-2013	Q2	0.12%	$13.00	$9.89	$5.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$28.22
Jun-13	2011-2013	Q2	0.12%	$16.25	$12.36	$6.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$35.27
Jul-13	2011-2013	Q3	0.12%	$19.50	$14.83	$8.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$42.32
Aug-13	2011-2013	Q3	0.12%	$22.74	$17.30	$9.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$49.38
Sep-13	2011-2013	Q3	0.12%	$25.99	$19.77	$10.66	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$56.43
Oct-13	2011-2013	Q4	0.12%	$29.24	$22.24	$12.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$63.48
Nov-13	2011-2013	Q4	0.12%	$32.49	$24.72	$13.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$70.54
Dec-13	2011-2013	Q4	0.12%	$35.74	$27.19	$14.66	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$77.59
Total for 2013				**$214.45**	**$163.12**	**$87.98**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$465.56**
Amount Cleared																		
Opening Balance for 2014				**$214.45**	**$163.12**	**$87.98**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$465.56**
Jan-14	2011-2014	Q1	0.12%	$38.99	$29.66	$16.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$84.65
Feb-14	2011-2014	Q1	0.12%	$44.34	$33.16	$17.74	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.24
Mar-14	2011-2014	Q1	0.12%	$49.70	$36.66	$19.48	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$105.84
Apr-14	2011-2014	Q2	0.12%	$55.05	$40.16	$21.23	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$116.44
May-14	2011-2014	Q2	0.12%	$60.40	$43.66	$22.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$127.03
Jun-14	2011-2014	Q2	0.12%	$65.76	$47.16	$24.71	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$137.63
Jul-14	2011-2014	Q3	0.12%	$71.11	$50.66	$26.46	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$148.22
Aug-14	2011-2014	Q3	0.12%	$76.46	$54.16	$28.20	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$158.82
Sep-14	2011-2014	Q3	0.12%	$81.82	$57.66	$29.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$169.42
Oct-14	2011-2014	Q4	0.12%	$87.17	$61.16	$31.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$180.01
Nov-14	2011-2014	Q4	0.12%	$92.52	$64.66	$33.43	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$190.61
Dec-14	2011-2014	Q4	0.12%	$97.88	$68.16	$35.17	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$201.21
Total for 2014				**$1,035.66**	**$750.01**	**$395.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,180.67**
Amount Cleared																		
Opening Balance for 2015				**$1,035.66**	**$750.01**	**$395.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,180.67**
Jan-15	2011-2015	Q1	0.12%	$103.23	$71.65	$36.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$211.80
Feb-15	2011-2015	Q1	0.12%	$110.45	$76.63	$39.26	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$226.34
Mar-15	2011-2015	Q1	0.12%	$117.67	$81.61	$41.59	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$240.88
Apr-15	2011-2015	Q2	0.09%	$93.46	$64.80	$32.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$191.13
May-15	2011-2015	Q2	0.09%	$98.86	$68.52	$34.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$202.01
Jun-15	2011-2015	Q2	0.09%	$104.26	$72.25	$36.38	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$212.89
Jul-15	2011-2015	Q3	0.09%	$109.66	$75.98	$38.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$223.77
Aug-15	2011-2015	Q3	0.09%	$115.07	$79.70	$39.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$234.65
Sep-15	2011-2015	Q3	0.09%	$120.47	$83.43	$41.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$245.53
Oct-15	2011-2015	Q4	0.09%	$125.87	$87.16	$43.38	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$256.40
Nov-15	2011-2015	Q4	0.09%	$131.28	$90.88	$45.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$267.28
Dec-15	2011-2015	Q4	0.09%	$136.68	$94.61	$46.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$278.16
Total for 2015				**$2,402.61**	**$1,697.24**	**$871.66**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$4,971.51**
Amount Cleared																		
Opening Balance for 2016				**$2,402.61**	**$1,697.24**	**$871.66**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$4,971.51**
Jan-16	2011-2016	Q1	0.09%	$142.08	$98.33	$48.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$289.04
Feb-16	2011-2016	Q1	0.09%	$149.70	$102.72	$50.38	$0.00	$0.00	$0.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$303.46
Mar-16	2011-2016	Q1	0.09%	$157.31	$107.10	$52.13	$0.00	$0.00	$1.34	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$317.89
Apr-16	2011-2016	Q2	0.09%	$164.93	$111.48	$53.88	$0.00	$0.00	$2.02	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$332.31
May-16	2011-2016	Q2	0.09%	$172.54	$115.86	$55.64	$0.00	$0.00	$2.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$346.73
Jun-16	2011-2016	Q2	0.09%	$180.16	$120.24	$57.39	$0.00	$0.00	$3.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$361.15
Jul-16	2011-2016	Q3	0.09%	$187.77	$124.62	$59.14	$0.00	$0.00	$4.03	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$375.57
Aug-16	2011-2016	Q3	0.09%	$195.39	$129.01	$60.89	$0.00	$0.00	$4.71	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$389.99
Sep-16	2011-2016	Q3	0.09%	$203.00	$133.39	$62.65	$0.00	$0.00	$5.38	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$404.41
Oct-16	2011-2016	Q4	0.09%	$210.62	$137.77	$64.40	$0.00	$0.00	$6.05	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$418.83
Nov-16	2011-2016	Q4	0.09%	$218.23	$142.15	$66.15	$0.00	$0.00	$6.72	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$433.26
Dec-16	2011-2016	Q4	0.09%	$225.85	$146.53	$67.90	$0.00	$0.00	$7.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$447.68
Total for 2016				**$4,610.18**	**$3,166.44**	**$1,570.84**	**$0.00**	**$0.00**	**$44.37**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$9,391.83**
Amount Cleared																		

Ontario Energy Board

Supporting D
LDC Persistence Savi

Legend

- User Inputs (Green)
- Drop Down List (Blue)
- Instructions (Grey)

Instructions
(Steps)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiat
2. Please identify the source of the report via the dropdown list in Column I.
3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This car
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be
5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The ta

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years

Step:	*#1*					*#3*	*#2*
Portfolio	**Program**	**Initiative**	**LDC**	**Sector**	**Conservation Resource Type**	**(Implementation) Year**	**Identify Source of Report**
Non-LDC	Business	peaksaverPLUS	Essex Powerlines Corporation	Commercial & Institutional	DR	2009	2013 Results Persistence
Non-LDC	Consumer	peaksaverPLUS	Essex Powerlines Corporation	Residential	DR	2009	2013 Results Persistence
non-Tier 1	Business	Commercial Demand Response	Essex Powerlines Corporation	Commercial	DR	2009	2014 Results Persistence
non-Tier 1	Consumer	Residential Demand Response	Essex Powerlines Corporation	Residential	DR	2009	2014 Results Persistence
Tier 1	Consumer	Residential Demand Response	Essex Powerlines Corporation	Residential	DR	2009	2014 Results Persistence
Non-LDC	Consumer	peaksaverPLUS	Essex Powerlines Corporation	Residential	DR	2010	2013 Results Persistence
non-Tier 1	Consumer	Residential Demand Response	Essex Powerlines Corporation	Residential	DR	2010	2014 Results Persistence
Tier 1	Consumer	Residential Demand Response	Essex Powerlines Corporation	Residential	DR	2010	2014 Results Persistence
Tier 1	Consumer	Appliance Exchange	Essex Powerlines Corporation	Residential	EE	2011	2011 Results Persistence
Tier 1	Consumer	Appliance Retirement	Essex Powerlines Corporation	Residential	EE	2011	2011 Results Persistence
Tier 1	Consumer	Bi-Annual Retailer Event	Essex Powerlines Corporation	Residential	EE	2011	2011 Results Persistence
Tier 1	Consumer	Conservation Instant Coupon Booklet	Essex Powerlines Corporation	Residential	EE	2011	2011 Results Persistence
Tier 1	Industrial	Demand Response 3	Essex Powerlines Corporation	Industrial	DR	2011	2011 Results Persistence
Tier 1	Business	Demand Response 3 (part of the Industrial program schedule)	Essex Powerlines Corporation	Commercial & Institutional	DR	2011	2011 Results Persistence
Tier 1	Business	Direct Install Lighting	Essex Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence
Tier 1	Pre-2011 Prog	Electricity Retrofit Incentive Program	Essex Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence
Tier 1	Pre-2011 Prog	High Performance New Construction	Essex Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence
Tier 1	Consumer	HVAC Incentives	Essex Powerlines Corporation	Residential	EE	2011	2011 Results Persistence
Tier 1	Consumer	Residential Demand Response	Essex Powerlines Corporation	Residential	DR	2011	2011 Results Persistence
Tier 1	Consumer	Retailer Co-op	Essex Powerlines Corporation	Residential	EE	2011	2011 Results Persistence
Tier 1	Business	Retrofit	Essex Powerlines Corporation	Commercial & Institutional	EE	2011	2011 Results Persistence
Tier 1	Industrial	Retrofit	Essex Powerlines Corporation	Industrial	EE	2011	2011 Results Persistence
Tier 1 - 2011 Adjustment	Consumer	Bi-Annual Retailer Event	Essex Powerlines Corporation	Residential	EE	2011	2012 Results Persistence
Tier 1 - 2011 Adjustment	Consumer	Conservation Instant Coupon Booklet	Essex Powerlines Corporation	Residential	EE	2011	2012 Results Persistence
Tier 1 - 2011 Adjustment	Pre-2011 Prog	High Performance New Construction	Essex Powerlines Corporation	C&I	EE	2011	2012 Results Persistence
Tier 1 - 2011 Adjustment	Consumer	HVAC Incentives	Essex Powerlines Corporation	Residential	EE	2011	2012 Results Persistence
LDC	Consumer	peaksaverPLUS	Essex Powerlines Corporation	Residential	DR	2011	2013 Results Persistence
Tier 1	Consumer	Residential Demand Response	Essex Powerlines Corporation	Residential	DR	2011	2014 Results Persistence

ocumentation:
ngs Results from IESO

Version 2.0 (2017)

tive in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

n be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

e identified with an implementation year that matches the year of the persistence report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

bles below match those provided by the IESO.

#4	*#1*																					
Identify Status of Savings	**Net Verified Annual Peak Demand Savings at the End-User Level (kW)**																					
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**
Adjustment	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	7	7	7	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	11	11	11	11	10	9	8	8	9	4	1	1	1	1	1	0	0	0	0	0	0	0
Current year savings	8	8	8	8	7	7	6	6	7	4	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	1,749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	52	52	52	36	36	35	7	7	7	7	6	6	0	0	0	0	0	0	0	0	0	0
Current year savings	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0
Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	264	196	0	0	0
Current year savings	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current year savings	56	56	56	56	56	56	56	56	52	52	52	52	17	0	0	0	0	0	0	0	0	0
Current year savings	93	93	93	93	93	93	93	93	93	93	93	93	0	0	0	0	0	0	0	0	0	0
Adjustment	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-29	0	0	0
Adjustment	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#1

Net Verified Annual Energy Savings at the End-User Level (kWh)

2033	2034	2035	2036	2037	2038	2039	2040	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	94	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
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	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	257	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
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	3,231	3,231	3,231	1,432	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	48,406	48,406	48,406	48,203	37,742	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	192,162	192,162	192,162	192,162	175,622	157,552	118,784	118,351	152,960	49,084	17,673	15,557
0	0	0	0	0	0	0	0	121,822	121,822	121,822	121,822	112,064	101,404	79,289	78,776	99,193	37,912	12,245	9,980
0	0	0	0	0	0	0	0	102,648	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	7,344	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	139,935	139,935	139,935	87,918	87,918	84,499	17,966	17,966	17,966	17,966	16,329	16,329
0	0	0	0	0	0	0	0	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015	56,015
0	0	0	0	0	0	0	0	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239
0	0	0	0	0	0	0	0	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694	463,694
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	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	337,744	337,744	337,744	337,744	337,744	337,744	337,744	337,744	317,302	317,302	317,302	317,302
0	0	0	0	0	0	0	0	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860	688,860
0	0	0	0	0	0	0	0	14,277	14,277	14,277	14,277	14,277	12,974	7,004	7,003	7,003	1,545	1,298	1,192
0	0	0	0	0	0	0	0	1,802	1,802	1,802	1,802	1,802	1,647	1,010	1,009	1,009	357	161	117
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	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-70,103
0	0	0	0	0	0	0	0	0	0	67	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

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
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	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	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	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	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	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	0	0	0	0	0	0
15,557	11,490	11,490	10,440	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9,980	9,222	9,222	8,963	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	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	0	0	0	0	0	0	0	0	0	0
56,015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	1,239	0	0	0	0
463,694	463,694	463,694	463,694	463,694	463,694	402,761	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
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102,183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85,379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,192	989	989	988	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	105	105	104	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	0	0	0
-70,103	-70,103	-70,103	-70,103	-70,103	-70,103	-60,297	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
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ontario Energy Board

LRAMVA Work Form:
Documentation for Streetlighting Projects

Version 2.0 (2017)

Instructions

Please provide documentation and/or data to substantiate program savings that were not provided in the IESO's verified results reports (i.e., streetlighting projects).

EPLC had two significant streetlighting retrofits in 2016. EPLC calculated that these two streetlighting retrofits account for approximately 60% of ERII savings in 2016. As a result, EPLC allocated 60% of ERII savings to the Streetlighting rate class.