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A. Application Update Summary

As a result of the information obtained in responding to these interrogatories, PowerStream has updated its application as follows:

1. Update using Board's new default working capital allowance of 7.5% (II-1-Staff-19);
2. Update for incremental costs related to moving Residential customers to monthly billing in 2017 as per Board's new policy (III-Staff-91);
3. Update Revenue Requirement (VI-Staff-97);
4. Update Cost Allocation using the Board's updated model (II-Staff-27);
5. Update load forecast and customer forecasts using the latest economic forecast in the regression models and update billing determinants and revise forecasted cost of power to reflect (III-VECC-19);
6. Update forecasted cost of power for updated load forecast and latest Board Regulated Price Plan report dated April 20, 2015 (item 5 above);
7. Update Retail Transmission Service Rates based on the OEB approved rate order dated April 23, 2015 for Hydro One Distribution Sub-transmission rates (II-1-Staff-29);
8. Update for Board's new policy regarding fixed monthly charge transition for Residential customers (II-1-Staff-28); and
9. Update Bill impacts (V-Staff-95).

These changes are discussed below.

1. Working Capital Allowance:

PowerStream has adopted the Board's new default value of 7.5%.

2. Monthly billing of Residential customers:

The Application, as filed, is on the basis of PowerStream's current practice of billing Residential customers every two months. Subsequently the Board issued its direction that Residential customers must be billed monthly starting January 1, 2017.

PowerStream has updated its costs to reflect this change to monthly billing. This will require PowerStream to process twice as many bills for Residential customers. The cost of updating the billing system to adapt the monthly billing for Residential customers is a one-time capital cost of \$3,000,000 to be incurred in 2016. The on-going incremental OM&A costs starting in 2017 are summarized in Table A-1 below.

Table A-1: Monthly Billing Summary of Incremental OM&A Costs (\$thousands)

	2017	2018	2019	2020
Labour	\$ 1,138.4	\$ 1,161.1	\$ 1,187.3	\$ 1,214.0
Bill printing and processing	\$ 852.5	\$ 865.2	\$ 878.2	\$ 891.3
Postage	\$ 2,089.5	\$ 2,184.0	\$ 2,276.7	\$ 2,380.0
Payment processing fees	\$ 153.0	\$ 154.5	\$ 156.1	\$ 157.7
E-billing offset to postage	-\$ 184.0	-\$ 204.0	-\$ 224.0	-\$ 244.0
Bad debts reduction	-\$ 353.3	-\$ 356.8	-\$ 360.4	-\$ 364.0
Total	\$ 3,696.1	\$ 3,804.1	\$ 3,913.8	\$ 4,034.9

3. Revenue Requirement:

The revenue requirement has been updated to reflect the changes listed above. The updated Revenue Requirement is summarized in Table A-2 below.

Table A-2: Updated Revenue Requirement (\$millions)

	Board Approved	Historic Actual		Bridge Year ¹	Test Years ¹				
	2013	2013	2014	2015	2016	2017	2018	2019	2020
Return on Rate base	\$49.7	\$50.0	\$52.2	\$57.6	\$60.7	\$66.4	\$71.5	\$75.9	\$80.1
Operating costs ²	\$80.0	\$80.8	\$85.5	\$92.6	\$96.2	\$101.8	\$103.7	\$106.1	\$108.2
Depreciation	\$33.8	\$32.8	\$35.7	\$40.3	\$46.1	\$50.2	\$52.8	\$55.7	\$58.9
Derecognition expense	\$1.4	\$1.5	\$2.1	\$1.5	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3
IFRS PP&E Amortization	(\$2.4)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Income Taxes	\$1.5	\$1.6	\$0.4	(\$4.9)	(\$4.7)	\$3.3	\$4.9	\$5.9	\$6.2
Sub-total	\$164.1	\$166.6	\$175.8	\$187.1	\$199.6	\$223.0	\$234.2	\$244.9	\$254.7
Revenue Offsets ²	(\$9.8)	(\$13.5)	(\$14.0)	(\$12.5)	(\$12.6)	(\$12.7)	(\$12.8)	(\$12.9)	(\$13.1)
Revenue Requirement	\$154.2	\$153.1	\$161.8	\$174.6	\$187.0	\$210.3	\$221.4	\$232.0	\$241.6

1. Bridge and Test Years are forecasted values

2. Operating Costs and Revenue offsets for 2013 Board Approved are lower by \$2.9M due to netting of costs with revenue

Table A-3 below provides the change in the revenue requirement from the May 22, 2015 filed Application.

Table A-3: Revenue Requirement – Updated vs. Application (\$millions)

	Board Approved	Historic Actual		Bridge Year	Test Years				
	2013	2013	2014	2015	2016	2017	2018	2019	2020
August 21, 2015 Update	\$154.2	\$153.1	\$161.8	\$174.6	\$187.0	\$210.3	\$221.4	\$232.0	\$241.6
May 22, 2015 Filed	\$154.2	\$153.1	\$161.8	\$174.3	\$191.9	\$211.1	\$221.8	\$232.4	\$242.0
Change	\$0.0	\$0.0	\$0.0	\$0.3	(\$4.9)	(\$0.8)	(\$0.4)	(\$0.4)	(\$0.4)

Table A-4 below presents the elements of revenue requirement that have changed.

Table A-4: Changes in Revenue Requirement – Update vs. Application (\$millions)

	Board Approved	Historic Actual		Bridge Year	Test Years				
	2013	2013	2014	2015	2016	2017	2018	2019	2020
Return on Rate base	\$0.0	\$0.0	\$0.0	\$0.3	(\$4.1)	(\$3.9)	(\$4.1)	(\$4.2)	(\$4.3)
Operating costs ²	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3.7	\$3.8	\$3.9	\$4.0
Depreciation	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2	\$0.3	\$0.3	\$0.3	\$0.4
Income Taxes	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.9)	(\$0.9)	(\$0.3)	(\$0.4)	(\$0.4)
Revenue Requirement	\$0.0	\$0.0	\$0.0	\$0.3	(\$4.9)	(\$0.8)	(\$0.4)	(\$0.4)	(\$0.3)

Reduction in Return on Rate Base is mainly due to the reduction in the working capital allowance from 13% to 7.5% for 2016 onwards. This is offset slightly by the return on the additional capital investment in 2016 to implement monthly billing for Residential customers as per item 2 above.

Operating costs increase in 2017 onwards due to monthly billing for Residential customers as per item 2 above.

Depreciation increases in 2016 onwards due to the depreciation on the additional capital investment in 2016 to implement monthly billing for Residential customers.

Income taxes decline for 2016 onwards due to lower target net income and the deduction for capital cost allowance on the additional capital investment in 2016.

Updated Revenue Requirement Work Forms (“RRWF”) are provided in Section A, Tab 2, Schedule 1 and the excel files uploaded to the Board’s Regulatory Electronic Submission System (“RESS”). PowerStream has also provided a file that analyzes the changes in Revenue Requirement in a similar format to Sheet 10 of the RRWF.

4. Cost Allocation:

PowerStream has entered the updated information into the latest version of the Board's Cost Allocation model. Table A-5 presents a summary of the updated Revenue to Cost Ratios.

Table A-5: Cost Allocation Revenue to Cost Ratios

2016	Status Quo	Low ¹	High ¹	Proposed
Residential	100.9%	85.0%	115.0%	100.9%
GS Less Than 50 kW	99.3%	80.0%	120.0%	99.7%
GS 50 to 4,999 kW	97.7%	80.0%	120.0%	98.0%
Large Use	72.4%	85.0%	115.0%	85.2%
Unmetered Scattered Load	89.2%	80.0%	120.0%	89.5%
Sentinel Lighting	81.9%	80.0%	120.0%	82.2%
Street Lighting	137.2%	70.0%	120.0%	120.0%
2017	Status Quo	Low ¹	High ¹	Proposed
Residential	98.2%	85%	115%	98.5%
GS Less Than 50 kW	106.3%	80%	120%	106.3%
GS 50 to 4,999 kW	99.0%	80%	120%	99.3%
Large Use	71.3%	85%	115%	85.2%
Unmetered Scattered Load	101.2%	80%	120%	101.2%
Sentinel Lighting	83.2%	80%	120%	83.5%
Street Lighting	152.8%	70%	120%	120.0%
2018	Status Quo	Low ¹	High ¹	Proposed
Residential	99.0%	85.0%	115.0%	99.4%
GS Less Than 50 kW	106.3%	80.0%	120.0%	106.3%
GS 50 to 4,999 kW	97.2%	80.0%	120.0%	97.6%
Large Use	69.7%	85.0%	115.0%	85.3%
Unmetered Scattered Load	102.2%	80.0%	120.0%	102.2%
Sentinel Lighting	82.8%	80.0%	120.0%	83.1%
Street Lighting	170.2%	70.0%	120.0%	120.0%
2019	Status Quo	Low ¹	High ¹	Proposed
Residential	99.8%	85.0%	115.0%	100.0%
GS Less Than 50 kW	106.2%	80.0%	120.0%	106.2%
GS 50 to 4,999 kW	95.8%	80.0%	120.0%	96.5%
Large Use	68.5%	85.0%	115.0%	85.5%
Unmetered Scattered Load	102.9%	80.0%	120.0%	102.9%
Sentinel Lighting	82.5%	80.0%	120.0%	83.1%
Street Lighting	170.6%	70.0%	120.0%	120.0%

2020	Status Quo	Low ¹	High ¹	Proposed
Residential	100.6%	85.0%	115.0%	100.6%
GS Less Than 50 kW	105.9%	80.0%	120.0%	105.9%
GS 50 to 4,999 kW	94.6%	80.0%	120.0%	95.8%
Large Use	67.6%	85.0%	115.0%	85.9%
Unmetered Scattered Load	103.4%	80.0%	120.0%	103.4%
Sentinel Lighting	82.2%	80.0%	120.0%	83.3%
Street Lighting	171.4%	70.0%	120.0%	120.0%

1. OEB approved range

Updated Appendix 2-P and the Cost Allocation models are provided in Section A, Tab 2, Schedule and the excel models uploaded to the Board's Regulatory Electronic Submission System ("RESS").

5. Load Forecast and Billing Determinants Update:

In interrogatory III-VECC-19, PowerStream was asked to update its load forecast based on the latest Conference Board of Canada economic forecast (August 2015). The updated economic forecast has a less favourable outlook and the data resulted in a reduction in the load forecast. The updated Load Forecast is provided as Appendix B to III-VECC-19 at Section C, Tab 3, Schedule 7.

PowerStream updated the customer count models which also use Conference Board of Canada economic forecast data.

Table A-6 summarizes the new billing determinants and provides the previous quantities.

1

Table A-6: Updated Billing Determinants vs. Application

August 21, 2015 Update				May 21, 2015 Filing			
2016	Cust./Conn.	kwh	kw	2016	Cust./Conn.	kwh	kw
Residential	325,345	2,714,896,670	-	Residential	325,759	2,750,618,680	-
GS<50	32,402	1,038,581,794	-	GS<50	32,425	1,040,222,607	-
GS>50	4,965	4,576,806,248	12,220,067	GS>50	4,953	4,574,077,591	12,212,781
Large Use	2	76,536,992	150,807	Large Use	2	76,536,992	150,807
USL	2,976	14,169,748	-	USL	2,976	14,169,725	-
Sentinel Lighting	209	378,095	975	Sentinel Lighting	208	378,080	975
Street Lighting	88,126	47,666,024	133,270	Street Lighting	88,226	53,007,707	148,205
Total	454,024	8,469,035,571	12,505,119	Total	454,550	8,509,011,382	12,512,768
2017	Cust./Conn.	kwh	kw	2017	Cust./Conn.	kwh	kw
Residential	331,461	2,689,802,037	-	Residential	331,876	2,739,228,627	-
GS<50	32,775	1,031,991,524	-	GS<50	32,799	1,034,670,626	-
GS>50	5,081	4,566,530,904	12,192,632	GS>50	5,062	4,574,818,701	12,214,760
Large Use	2	75,964,677	149,679	Large Use	2	75,964,677	149,679
USL	3,044	14,542,413	-	USL	3,044	14,542,385	-
Sentinel Lighting	207	377,900	975	Sentinel Lighting	207	377,900	975
Street Lighting	89,729	45,603,291	127,503	Street Lighting	89,829	45,961,281	128,504
Total	462,298	8,424,812,745	12,470,788	Total	462,818	8,485,564,197	12,493,917
2018	Cust./Conn.	kwh	kw	2018	Cust./Conn.	kwh	kw
Residential	337,643	2,671,680,575	-	Residential	338,106	2,734,798,535	-
GS<50	33,153	1,026,341,815	-	GS<50	33,179	1,029,394,754	-
GS>50	5,197	4,560,986,411	12,177,828	GS>50	5,171	4,569,273,124	12,199,953
Large Use	2	75,397,535	148,561	Large Use	2	75,397,535	148,561
USL	3,121	14,924,880	-	USL	3,121	14,924,845	-
Sentinel Lighting	207	377,847	975	Sentinel Lighting	207	377,840	975
Street Lighting	91,348	43,415,288	121,385	Street Lighting	91,460	38,502,066	107,648
Total	470,670	8,393,124,352	12,448,749	Total	471,246	8,462,668,700	12,457,138
2019	Cust./Conn.	kwh	kw	2019	Cust./Conn.	kwh	kw
Residential	343,901	2,661,694,451	-	Residential	344,367	2,726,183,601	-
GS<50	33,535	1,019,915,394	-	GS<50	33,561	1,023,938,204	-
GS>50	5,315	4,549,627,143	12,147,499	GS>50	5,280	4,555,886,909	12,164,212
Large Use	2	74,835,513	147,454	Large Use	2	74,835,513	147,454
USL	3,210	15,317,406	-	USL	3,210	15,317,364	-
Sentinel Lighting	207	377,833	975	Sentinel Lighting	207	377,820	975
Street Lighting	92,985	43,415,040	121,385	Street Lighting	93,098	38,115,123	106,567
Total	479,155	8,365,182,779	12,417,312	Total	479,726	8,434,654,534	12,419,207

August 21, 2015 Update				May 21, 2015 Filing			
2020	Cust./Conn.	kwh	kw	2020	Cust./Conn.	kwh	kw
Residential	350,319	2,669,304,612	-	Residential	350,771	2,713,502,642	-
GS<50	33,927	1,015,577,678	-	GS<50	33,952	1,020,971,584	-
GS>50	5,436	4,546,351,409	12,138,752	GS>50	5,392	4,549,129,870	12,146,171
Large Use	2	74,278,555	146,357	Large Use	2	74,278,555	146,357
USL	3,312	15,720,255	-	USL	3,312	15,720,206	-
Sentinel Lighting	207	377,829	975	Sentinel Lighting	207	377,820	975
Street Lighting	94,661	43,304,558	121,076	Street Lighting	94,770	37,566,265	105,032
Total	487,863	8,364,914,896	12,407,159	Total	488,407	8,411,546,941	12,398,534

6. Cost of Power Forecast Update:

PowerStream has updated the cost of power forecast to reflect the lower load, as discussed in item 5 above, updated costs from the Board Regulated Price Plan report dated April 20, 2015 and updated transmission costs as per item 7 below. Table A-7 provides the updated cost of power forecast along with the cost of power forecast as filed.

Table A-7: Cost of Power Forecast – Updated vs. Application (\$millions)

	Board Approved	Historic Actual		Bridge Year	Test Years				
	2013	2013	2014	2015	2016	2017	2018	2019	2020
August 21, 2015 Update	\$857.8	\$880.2	\$925.3	\$1,034.1	\$1,053.1	\$1,101.9	\$1,147.6	\$1,172.5	\$1,194.6
May 22, 2015 Filed	\$857.8	\$880.2	\$925.3	\$995.9	\$1,103.2	\$1,111.3	\$1,158.8	\$1,184.1	\$1,203.1
Change	\$0.0	\$0.0	\$0.0	\$38.2	(\$50.1)	(\$9.4)	(\$11.2)	(\$11.6)	(\$8.5)

Table A-8 provides details of the revised cost of power forecast.

Table A-8: Updated Cost of Power Forecast (\$millions)

August 21, 2015 Update	2015F	2016F	2017F	2018F	2019 F	2020 F
Commodity	\$ 492.4	\$ 498.7	\$ 592.6	\$ 626.4	\$ 658.0	\$ 665.5
Global Adjustment Non-RPP	\$ 388.9	\$ 399.9	\$ 353.8	\$ 364.9	\$ 359.9	\$ 372.7
WMS including RRRP	\$ 50.1	\$ 50.0	\$ 49.8	\$ 49.6	\$ 49.4	\$ 49.4
Transmission Network	\$ 66.2	\$ 67.3	\$ 68.0	\$ 68.9	\$ 69.9	\$ 71.1
Transmission Connection	\$ 29.5	\$ 30.1	\$ 30.6	\$ 31.1	\$ 31.6	\$ 32.2
Low Voltage	\$ 3.7	\$ 3.7	\$ 3.7	\$ 3.7	\$ 3.7	\$ 3.7
SME	\$ 3.4	\$ 3.4	\$ 3.5	\$ 2.9	\$ -	\$ -
Total Cost of Power	\$ 1,034.1	\$ 1,053.1	\$1,101.9	\$ 1,147.6	\$ 1,172.5	\$ 1,194.6

7. Retail Transmission Service Rates Update:

PowerStream has updated the retail service transmission rates based on its forecasted wholesale costs using the most current approved uniform transmission rates and Hydro One Distribution sub-transmission rates. Please see Section C, Tab 2, Schedule 2, II-1-Staff-29, Appendix B.

8. Rate Design including Residential Fixed Variable Split Update:

PowerStream's proposed distribution rates are set to recover the base revenue requirement for each of the test years 2016 to 2020 as summarized above under item 3 and reflect the proposed revenue to cost ratios presented above under item 4. The updated Rate Schedules are provided in Section A, Tab 2, Schedule 3.

The current fixed/variable split in distribution revenue was approved in PowerStream's 2013 Cost of Service application (EB-2012-0161). Table 1 below provides the 2013 Board-approved split between fixed and variable distribution revenue

Table 1: 2013 Board-Approved Fixed/Variable Split

Customer Class	2013 Board Approved	
	Variable	Fixed
Residential	44.9%	55.1%
GS<50 kW	59.8%	40.2%
GS>50 kW	83.1%	16.9%
Large Use	51.3%	48.7%
Unmetered Scattered Load	46.5%	53.5%
Sentinel Lights	67.0%	33.0%
Street Lighting	48.4%	51.6%
	58.3%	41.7%

As part of this application update, PowerStream followed the Residential rate design requirements outlined in *A New Distribution Rate Design for Residential Electricity Customers* policy issued by the Board on April 2, 2015. (OEB File No. EB-2012-0410)

Table 2 below identifies the proposed 2016-2020 Fixed/Variable Split.

Table 2: 2016-2020 Proposed Fixed/Variable Split

Customer Class	2016		2017		2018		2019		2020	
	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed
Residential	43.4%	56.6%	32.1%	67.9%	21.1%	78.9%	10.4%	89.6%	0.0%	100.0%
GS<50 kW	58.7%	41.3%	62.6%	37.4%	64.0%	36.0%	64.9%	35.1%	65.4%	34.6%
GS>50 kW	84.8%	15.2%	86.1%	13.9%	86.5%	13.5%	86.8%	13.2%	87.1%	12.9%
Large Use	60.8%	39.2%	65.3%	34.7%	67.6%	32.4%	69.4%	30.6%	70.8%	29.2%
Unmetered Scattered Load	47.4%	52.6%	47.5%	52.5%	47.5%	52.5%	47.4%	52.6%	47.3%	52.7%
Sentinel Lights	47.8%	52.2%	48.0%	52.0%	48.0%	52.0%	48.0%	52.0%	48.0%	52.0%
Street Lighting	40.0%	60.0%	38.5%	61.5%	36.8%	63.2%	36.7%	63.3%	36.0%	64.0%
	57.8%	42.2%	52.5%	47.5%	46.8%	53.2%	41.1%	58.9%	35.6%	64.4%

For the Residential fixed monthly charge, PowerStream is proposing a four-year transition starting in 2017 and reaching 100% fixed charge in 2020). This one year delay is due to concerns with the total bill impacts in 2016 for the Residential 10th percentile consumption level. The 2016 bill impacts for these customers are already above 10% before any increase in the fixed charged portion of the distribution charge. Any increase in the fixed portion would increase the bill impact;

The fixed monthly charge is increased by a set percentage (increment) each year from 2017 through 2020.

Table 3: Fixed/Variable Residential Revenue Requirement (before Fixed Rate Design)

Year	Total Revenue Requirement	Res % (Cost Allocation)	Res Revenue Requirement	Fixed %	Fixed Component	Variable Component
2016	\$ 187,023,489	54.1%	\$ 101,115,222	56.5%	\$ 57,179,371	\$ 43,935,852
2017	\$ 210,324,714	54.4%	\$ 114,344,829	57.2%	\$ 65,443,241	\$ 48,901,588
2018	\$ 221,429,930	54.6%	\$ 120,825,233	57.8%	\$ 69,897,175	\$ 50,928,058
2019	\$ 232,012,036	54.6%	\$ 126,782,793	58.4%	\$ 74,025,897	\$ 52,756,897
2020	\$ 241,642,555	54.7%	\$ 132,169,435	58.8%	\$ 77,672,467	\$ 54,496,968

Table 4: Fixed Rate Design - Revenue Re-Allocation between Fixed and Variable

Year	Fixed Component	Variable Component	25%	50%	75%	100%	Fixed	Variable	Fixed %	Increment %
	A	B	C = B x %				A + C	B - C		
2016	\$ 57,179,371	\$ 43,935,852					\$ 57,179,371	\$ 43,935,852	56.5%	
2017	65,443,241	48,901,588	12,225,397				77,668,638	36,676,191	67.9%	11%
2018	69,897,175	50,928,058		25,464,029			95,361,204	25,464,029	78.9%	11%
2019	74,025,897	52,756,897			39,567,673		113,593,569	13,189,224	89.6%	11%
2020	77,672,467	54,496,968				54,496,968	132,169,435	0	100.0%	10%

Table 5: Fixed Rate Design

Year	Fixed Component	Customer count	Fixed Rate	Fixed Rate Change Y-O-Y
	A	B	A / B / 12	
2016	\$ 57,179,371	325,345	\$ 14.65	
2017	\$ 77,668,638	331,461	\$ 19.53	\$ 4.88
2018	\$ 95,361,204	337,643	\$ 23.54	\$ 4.01
2019	\$ 113,593,569	343,901	\$ 27.53	\$ 3.99
2020	\$ 132,169,435	350,319	\$ 31.44	\$ 3.91

In setting the proposed fixed/variable splits for the remaining classes PowerStream has used the methodology outlined in the Application in Section II, Tab 1, Exhibit M, Tab 1.

Tables 5 to 9 below compare in each year the 2015 Current MSC and the calculated MSC at the current approved fixed/ variable split to the MSC values in the cost allocation study models and shows the proposed MSC. The highlighted numbers are the higher of current 2015 rates and the CAS ceiling. Residential class fixed rates are as per Table 5.

Table 5: PowerStream Monthly Fixed Service Charges (\$) – 2016

Customer Class	2016 CAS		2015 Charge	2016 Calculated	2016 Proposed
	Floor	Ceiling			
Residential	\$4.60	\$16.83	\$12.67	\$14.65	\$14.65
GS<50 kW	\$15.06	\$33.80	\$26.08	\$30.25	\$30.25
GS>50 kW	\$51.25	\$124.23	\$138.48	\$153.56	\$138.48
Large Use	\$348.09	\$683.12	\$5,966.29	\$6,103.85	\$5,966.29
Unmetered Scattered Load	\$4.30	\$15.05	\$7.01	\$8.13	\$8.13
Sentinel Lights	\$0.81	\$7.29	\$3.41	\$3.96	\$3.96
Street Lighting	\$0.62	\$2.99	\$1.26	\$1.26	\$1.26

Table 6: PowerStream Monthly Fixed Service Charges (\$) – 2017

Customer Class	2017 CAS		2015 Charge	2017 Calculated	2017 Proposed
	Floor	Ceiling			
Residential	\$5.78	\$19.37	\$12.67	\$19.53	\$19.53
GS<50 kW	\$13.76	\$30.26	\$26.08	\$33.76	\$30.26
GS>50 kW	\$44.97	\$103.11	\$138.48	\$171.95	\$138.48
Large Use	\$368.47	\$691.76	\$5,966.29	\$6,938.66	\$5,966.29
unmetered Scattered Load	\$3.58	\$13.71	\$7.01	\$9.07	\$9.07
Sentinel Lights	\$0.77	\$7.80	\$3.41	\$4.43	\$4.43
Street Lighting	\$0.62	\$2.92	\$1.26	\$1.26	\$1.26

Table 7: PowerStream Monthly Fixed Service Charges (\$) – 2018

Customer Class	2018 CAS		2015 Charge	2018 Calculated	2018 Proposed
	Floor	Ceiling			
Residential	\$5.76	\$19.52	\$12.67	\$23.54	\$23.54
GS<50 kW	\$13.72	\$30.26	\$26.08	\$35.35	\$30.26
GS>50 kW	\$45.04	\$102.36	\$138.48	\$180.33	\$138.48
Large Use	\$366.55	\$694.20	\$5,966.29	\$7,459.05	\$5,966.29
unmetered Scattered Load	\$3.56	\$13.96	\$7.01	\$9.50	\$9.50
Sentinel Lights	\$0.77	\$8.10	\$3.41	\$4.64	\$4.64
Street Lighting	\$0.62	\$2.74	\$1.26	\$1.18	\$1.18

Table 8: PowerStream Monthly Fixed Service Charges (\$) – 2019

Customer Class	2019 CAS		2015 Charge	2019 Calculated	2019 Proposed
	Floor	Ceiling			
Residential	\$5.77	\$19.69	\$12.67	\$27.53	\$27.53
GS<50 kW	\$13.76	\$30.42	\$26.08	\$36.82	\$30.42
GS>50 kW	\$45.27	\$102.64	\$138.48	\$188.45	\$138.48
Large Use	\$366.49	\$720.18	\$5,966.29	\$7,927.65	\$5,966.29
unmetered Scattered Load	\$3.56	\$14.22	\$7.01	\$9.90	\$9.90
Sentinel Lights	\$0.77	\$8.33	\$3.41	\$4.85	\$4.85
Street Lighting	\$0.62	\$2.79	\$1.26	\$1.22	\$1.22

Table 9: PowerStream Monthly Fixed Service Charges (\$) – 2020

Customer Class	2020 CAS		2015 Charge	2020 Calculated	2020 Proposed
	Floor	Ceiling			
Residential	\$5.82	\$19.84	\$12.67	\$31.44	\$31.44
GS<50 kW	\$13.92	\$30.64	\$26.08	\$38.03	\$30.64
GS>50 kW	\$45.94	\$103.15	\$138.48	\$195.79	\$138.48
Large Use	\$371.16	\$743.86	\$5,966.29	\$8,352.29	\$5,966.29
unmetered Scattered Load	\$3.57	\$14.40	\$7.01	\$10.22	\$10.22
Sentinel Lights	\$0.77	\$8.50	\$3.41	\$5.04	\$5.04
Street Lighting	\$0.62	\$2.82	\$1.26	\$1.26	\$1.26

PowerStream notes that the OEB is currently undergoing a process to review rate design for the Commercial and Industrial customer (EB-2015-0043). PowerStream has not incorporated any of the rate designs as outlined in the Draft Report of the Board at this time.

9. Bill Impact Update:

PowerStream has updated the bill impacts to reflect all of the above changes.

For bill impact calculation purposes, the commodity prices and regulatory charges are assumed to be constant. Bill impacts have been calculated using the commodity prices effective May 1, 2015: 8.0¢/kWh – Off-Peak, 12.2¢/kWh - Mid-Peak, and 16.1¢/kWh - On-Peak.

The currently approved 2015 Tariff of Rates and Charges contains 2014 LRAM rate riders specific to the former Barrie rate zone. As a result, there are two sets of bill impacts – one for the former York Region rate zone and another for the former Barrie rate zone.

A completed Appendix 2-W is provided illustrating the bill impacts in accordance with Chapter 2 of the Board's Filing Requirements in Section A, Tab 2, Schedule 2. Summaries of the total bill and distribution impacts for each rate class, for each service region, are provided in Tables 1 through 4 below.

**Table 1: Summary of Monthly Bill Impacts for a Typical Customer –
Total Bill (York Region)**

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Total bill				
				2016	2017	2018	2019	2020
Residential	kWh	800		10.0%	2.5%	0.6%	(0.2%)	0.1%
GS<50 kW	kWh	2,000		14.7%	1.9%	0.9%	0.8%	0.8%
GS>50 kW	kW	80,000	250	3.1%	1.4%	(0.3%)	0.7%	0.6%
Large Use	kW	2,800,000	7,350	1.9%	0.9%	0.6%	0.6%	0.6%
Unmetered Scattered Load	kWh	150		5.2%	4.1%	1.7%	1.5%	1.3%
Sentinel Lights	kW	180		6.2%	5.1%	0.8%	1.8%	1.7%
Street Lighting	kW	280		2.3%	1.3%	(0.9%)	0.9%	0.6%
Average				6.2%	2.5%	0.5%	0.9%	0.8%

**Table 2: Summary of Monthly Bill Impacts for a Typical Customer –
Distribution Portion (York Region)**

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Distribution Component				
				2016	2017	2018	2019	2020
Residential	kWh	800		14.8%	9.4%	1.6%	(1.4%)	(0.0%)
GS<50 kW	kWh	2,000		15.5%	8.1%	3.3%	2.4%	2.9%
GS>50 kW	kW	80,000	250	34.4%	11.4%	(3.7%)	4.5%	3.9%
Large Use	kW	2,800,000	7,350	36.7%	12.9%	5.7%	5.3%	4.6%
Unmetered Scattered Load	kWh	150		15.6%	11.5%	4.5%	4.1%	3.3%
Sentinel Lights	kW	180		18.7%	14.1%	1.7%	4.4%	3.8%
Street Lighting	kW	280		0.8%	4.6%	(8.7%)	4.7%	2.2%
Average				19.5%	10.3%	0.6%	3.4%	3.0%

**Table 3: Summary of Monthly Bill Impacts for a Typical Customer –
Total Bill (Barrie Zone)**

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Total bill				
				2016	2017	2018	2019	2020
Residential	kWh	800		9.9%	2.5%	0.6%	(0.2%)	0.1%
GS<50 kW	kWh	2,000		14.4%	1.9%	0.9%	0.8%	0.8%
GS>50 kW	kW	80,000	250	3.1%	1.4%	(0.3%)	0.7%	0.6%
Large Use	kW	2,800,000	7,350	1.9%	0.9%	0.6%	0.6%	0.6%
Unmetered Scattered Load	kWh	150		5.2%	4.1%	1.7%	1.5%	1.3%
Sentinel Lights	kW	180						
Street Lighting	kW	280		2.3%	1.3%	(0.9%)	0.9%	0.6%
Average				6.1%	2.0%	0.4%	0.7%	0.7%

Table 4: Summary of Monthly Bill Impacts for a Typical Customer – Distribution Portion (Barrie Zone)

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Distribution Component				
				2016	2017	2018	2019	2020
Residential	kWh	800		14.2%	9.4%	1.6%	(1.4%)	(0.0%)
GS<50 kW	kWh	2,000		14.0%	8.1%	3.3%	2.4%	2.9%
GS>50 kW	kW	80,000	250	34.1%	11.4%	(3.7%)	4.5%	3.9%
Large Use	kW	2,800,000	7,350	36.7%	12.9%	5.7%	5.3%	4.6%
Unmetered Scattered Load	kWh	150		15.6%	11.5%	4.5%	4.1%	3.3%
Sentinel Lights	kW	180						
Street Lighting	kW	280		0.8%	4.6%	(8.7%)	4.7%	2.2%
Average				19.2%	9.7%	0.4%	3.3%	2.8%

For the purposes of implementing the new fixed rate design, PowerStream applied the 10% test to customers who consume much less electricity than the typical residential customer. The 10th percentile for PowerStream's Residential customers is at 309 kWh. Table 5 below presents the total bill impacts for the various consumption levels within residential rate classification including the 10th percentile threshold.

Table 5: Summary of Monthly Bill Impacts for various consumption levels Residential – Total Bill (York Region)

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Total Bill				
			2016	2017	2018	2019	2020
Residential	kWh	100	17.0%	15.0%	10.5%	7.3%	8.4%
Residential	kWh	250	13.1%	8.3%	5.4%	3.7%	4.5%
Residential (10th Percentile)	kWh	309	12.4%	7.0%	4.3%	2.8%	3.6%
Residential	kWh	500	11.0%	4.4%	2.2%	1.1%	1.7%
Residential	kWh	800	10.0%	2.5%	0.6%	(0.2%)	0.1%
Residential	kWh	1,000	9.6%	1.9%	(0.1%)	(0.7%)	(0.5%)
Residential	kWh	1,500	9.1%	0.9%	(0.9%)	(1.4%)	(1.4%)
Residential	kWh	2,000	8.9%	0.4%	(1.4%)	(1.8%)	(1.9%)
Average			11.4%	5.0%	2.6%	1.4%	1.8%

Typical Residential and GS<50 kW customers have total bill impacts over 10% in 2016. PowerStream is not proposing a rate mitigation plan because this is limited to 2016 and is due to the elimination of the Ontario Clean Energy Benefit (OCEB) and the Debt Retirement Charge. These two changes cause a total bill impact of approximately 7% in 2016.

Tariff of Rates and Charges

PowerStream's proposed 2016 Tariffs of Rates and Charges are provided in Section A, Tab 2, Schedule 3. Tables 6 to 9 below provide a summary of the Current and Proposed distribution rates and other rates for 2016-2020.

Table 6: Current and Proposed Distribution Rates

Customer Class	Billing Determinant	Proposed Rates											
		Current 2015 Rates		2016		2017		2018		2019		2020	
		Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable
Residential	kWh	\$12.67	\$0.0140	\$14.65	\$0.0162	\$19.53	\$0.0136	\$23.54	\$0.0095	\$27.53	\$0.0049	\$31.44	\$0.0000
GS<50 kW	kWh	\$26.08	\$0.0139	\$30.25	\$0.0161	\$30.26	\$0.0193	\$30.26	\$0.0208	\$30.42	\$0.0221	\$30.64	\$0.0232
GS>50 kW	kW	\$138.48	\$3.3278	\$138.48	\$3.9398	\$138.48	\$4.4757	\$138.48	\$4.7238	\$138.48	\$4.9672	\$138.48	\$5.1889
Large Use	kW	\$5,966.29	\$1.4159	\$5,966.29	\$2.0704	\$5,966.29	\$2.4026	\$5,966.29	\$2.6113	\$5,966.29	\$2.8006	\$5,966.29	\$2.9734
Unmetered Scattered	kWh	\$7.01	\$0.0159	\$8.13	\$0.0184	\$9.07	\$0.0206	\$9.50	\$0.0216	\$9.90	\$0.0224	\$10.22	\$0.0232
Sentinel Lights	kW	\$3.41	\$8.0172	\$3.96	\$9.2875	\$4.43	\$10.4066	\$4.64	\$10.9237	\$4.85	\$11.4087	\$5.04	\$11.8447
Street Lighting	kW	\$1.26	\$6.6546	\$1.26	\$6.6746	\$1.26	\$6.6660	\$1.18	\$6.1971	\$1.22	\$6.5097	\$1.26	\$6.6446

Table 7: Current and Proposed Low Voltage Rates

Customer Class	Billing Determinant	Current 2015	2016	2017	Proposed 2018	2019	2020
Residential	kWh	\$0.0003	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005
GS<50 kW	kWh	\$0.0003	\$0.0004	\$0.0004	\$0.0004	\$0.0004	\$0.0004
GS>50 kW	kW	\$0.1189	\$0.1589	\$0.1589	\$0.1590	\$0.1590	\$0.1590
Large Use	kW	\$0.1437	\$0.1629	\$0.1630	\$0.1631	\$0.1631	\$0.1631
Unmetered Scattered	kWh	\$0.0003	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005
Sentinel Lights	kW	\$0.1031	\$0.1169	\$0.1170	\$0.1170	\$0.1170	\$0.1170
Street Lighting	kW	\$0.0917	\$0.1287	\$0.1288	\$0.1288	\$0.1289	\$0.1288

Table 8: Proposed Rate Riders

Customer Class	Billing Determinant	DVA Disposition	Global Adjustment Disposition	LRAMVA (2013 Balance)	Stranded Meter Assets	Account 1575
		Recovery Period 2 YEARS	Recovery Period 2 YEARS	Recovery Period 1 YEAR	Recovery Period 1 YEAR	Recovery Period 1 YEAR
Residential	kWh	\$0.0002	\$0.0011	(\$0.0001)	\$0.0001	(\$0.0005)
GS<50 kW	kWh	\$0.0002	\$0.0011	\$0.0001	\$0.0002	(\$0.0003)
GS>50 kW	kW	\$0.0321	\$0.4262	(\$0.0126)		(\$0.0584)
Large Use	kW	\$0.0168		\$0.0000		\$0.0000
Unmetered Scattered	kWh	\$0.0002	\$0.0011	(\$0.0002)		(\$0.0005)
Sentinel Lights	kW	\$0.0212	\$0.4411	(\$0.1661)		(\$0.2446)
Street Lighting	kW	(\$0.2386)	\$0.4070	(\$0.1442)		(\$0.2429)

Table 9: Current and Proposed RTS Rates

Customer Class	Billing Determinant	Proposed Rates											
		Current 2015 Rates		2016		2017		2018		2019		2020	
		TN	TC	TN	TC	TN	TC	TN	TC	TN	TC	TN	TC
Residential	kWh	\$0.0080	\$0.0035	\$0.0080	\$0.0037	\$0.0082	\$0.0038	\$0.0083	\$0.0039	\$0.0085	\$0.0040	\$0.0086	\$0.0041
General Service < 50 kW	kWh	\$0.0072	\$0.0030	\$0.0072	\$0.0032	\$0.0073	\$0.0033	\$0.0074	\$0.0033	\$0.0076	\$0.0034	\$0.0077	\$0.0035
General Service > 50 kW	kW	\$2.9192	\$1.1726	\$2.8864	\$1.2405	\$2.9268	\$1.2618	\$2.9691	\$1.2842	\$3.0174	\$1.3093	\$3.0712	\$1.3371
General Service > 50 kW Interval	kW	\$3.0601	\$1.2687	\$3.0257	\$1.3422	\$3.0681	\$1.3652	\$3.1125	\$1.3894	\$3.1630	\$1.4166	\$3.2195	\$1.4467
Large Use	kW	\$3.4638	\$1.2027	\$3.4690	\$1.2888	\$3.5361	\$1.3178	\$3.6098	\$1.3496	\$3.6868	\$1.3829	\$3.7781	\$1.4218
Unmetered Scattered Load	kWh	\$0.0072	\$0.0034	\$0.0070	\$0.0035	\$0.0069	\$0.0035	\$0.0068	\$0.0035	\$0.0067	\$0.0034	\$0.0066	\$0.0034
Sentinel Lighting	kW	\$2.2561	\$0.8629	\$2.2468	\$0.9194	\$2.2743	\$0.9336	\$2.3047	\$0.9491	\$2.3365	\$0.9653	\$2.3764	\$0.9851
Street Lighting	kW	\$2.2203	\$0.9503	\$2.7831	\$1.2745	\$2.9431	\$1.3520	\$3.1323	\$1.4435	\$3.1753	\$1.4681	\$3.2379	\$1.5020

Updated Appendix 2-W Bill Impacts are provided in Section A, Tab 2, Schedule 2 and the excel files uploaded to the Board's Regulatory Electronic Submission System ("RESS").

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PowerStream Inc.

EB-2015-0003

Revenue Requirement Change Analysis

August 21, 2015 Update

2016 Test Year

		Cost of Capital			Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement	
#	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement
	Per Application	\$ 64,832,696	6.02%	\$ 1,076,363,177	\$ 1,199,433,928	\$ 155,926,411	\$ 47,223,722	\$ (3,760,101)	\$ 96,216,191	\$ 204,512,509	\$ 12,590,603	\$ 191,921,906
1	Old Cost of Power	(8,638,530)		(143,418,306)	(1,103,217,737)	(143,418,306)				(8,638,530)		(8,638,530)
	New Cost of Power	8,245,789		136,897,962	1,053,061,247	136,897,962				8,245,789		8,245,789
	Net change	(392,741)	0.00%	(6,520,344)	(50,156,490)	(6,520,344)	-	-	-	(392,741)	-	(392,741)
2	Old Average PP&E	(55,440,764)		(920,436,766)			(47,223,722)			(102,664,486)		(102,664,486)
	New Average PP&E	55,526,597		921,861,766			47,373,722			102,900,319		102,900,319
	Net change	85,832	0.00%	1,425,000	-	-	150,000	-	-	235,832	-	235,832
3	Old WCA % 13%	(8,999,191)		(149,406,067)	(1,149,277,438)	(149,406,067)				(8,999,191)		(8,999,191)
	New WCA % 7.5%	5,191,841		86,195,808	1,149,277,438	86,195,808				5,191,841		5,191,841
	Net change	(3,807,350)	0.00%	(63,210,259)	-	(63,210,259)	-	-	-	(3,807,350)	-	(3,807,350)
4	Old PILs							3,760,101		3,760,101		3,760,101
	New PILs							(4,694,260)		(4,694,260)		(4,694,260)
	Net change	-	0.00%	-	-	-	-	(934,159)	-	(934,159)	-	(934,159)
5	old									-		-
	new									-		-
	Net change	-	0.00%	-	-	-	-	-	-	-	-	-
	Overall Changes	\$ (4,114,259)	0.00%	\$ (68,305,603)	\$ (50,156,490)	\$ (69,730,603)	\$ 150,000	\$ (934,159)	\$ -	\$ (4,898,418)	\$ -	\$ (4,898,418)
	Revised Amounts	\$ 60,718,438	6.02%	\$ 1,008,057,574	\$ 1,149,277,438	\$ 86,195,808	\$ 47,373,722	\$ (4,694,260)	\$ 96,216,191	\$ 199,614,091	\$ 12,590,603	\$ 187,023,488
	August 21, 2015 Update	\$ 60,718,438	6.02%	\$ 1,008,057,574	\$ 1,149,277,438	\$ 86,195,808	\$ 47,373,722	\$ (4,694,260)	\$ 96,216,191	\$ 199,614,091	\$ 12,590,603	\$ 187,023,489
	Difference - rounding only	\$ (0)	\$ 0	\$ (0)	\$ 0	\$ (0)	\$ -	\$ -	\$ 0	\$ 0	\$ (0)	\$ (1)

NOTES

1. Forecasted cost of power reduced by \$50,156,490, reducing working capital allowance @13% and rate base by \$6,520,344, reducing return @6.02% by \$392,741.
2. Capital addition of \$3,000,000 re monthly billing less half year depreciation of \$150,000, increases ending net book value of PP&E by \$2,850,000 and average PP&E by \$1,425,000.
3. Reduce working capital allowance from 13% to 7.5%.
4. Reduction in PILs/Taxes due to lower target net income.

PowerStream Inc.
EB-2015-0003
Revenue Requirement Change Analysis
August 21, 2015 Update

2017 Test Year

		Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement		
#	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement
	Per Application	\$ 70,323,811	6.08%	\$ 1,156,020,076	\$ 1,209,378,459	\$ 157,219,200	\$ 51,161,387	\$ 4,183,121	\$ 98,112,314	\$ 223,780,633	\$ 12,718,312	\$ 211,062,321
1	Old Cost of Power	(8,788,170)		(144,464,599)	(1,111,266,145)	(144,464,599)				(8,788,170)		(8,788,170)
	New Cost of Power	8,713,842		143,242,745	1,101,867,272	143,242,745				8,713,842		8,713,842
	Net change	(74,329)	0.00%	(1,221,853)	(9,398,873)	(1,221,853)	-	-	-	(74,329)	-	(74,329)
2	Old Average PP&E	(60,759,744)		(998,800,877)			(51,161,387)			(111,921,131)		(111,921,131)
	New Average PP&E	60,923,993		1,001,500,877			51,461,387			112,385,379		112,385,379
	Net change	164,248	0.00%	2,700,000	-	-	300,000	-	-	464,248	-	464,248
3	Old WCA % 13%	(9,518,968)		(156,477,838)	(1,203,675,681)	(156,477,838)				(9,518,968)		(9,518,968)
	New WCA % 7.5%	5,491,712		90,275,676	1,203,675,681	90,275,676				5,491,712		5,491,712
	Net change	(4,027,256)	0.00%	(66,202,162)	-	(66,202,162)	-	-	-	(4,027,256)	-	(4,027,256)
4	Old PILs							(4,183,121)		(4,183,121)		(4,183,121)
	New PILs							3,357,525		3,357,525		3,357,525
	Net change	-	0.00%	-	-	-	-	(825,596)	-	(825,596)	-	(825,596)
5	Old OM&A	(775,897)		(12,754,601)	(98,112,314)	(12,754,601)			(98,112,314)	(98,888,210)		(98,888,210)
	New OM&A	805,126		13,235,093	101,808,409	13,235,093			101,808,409	102,613,535		102,613,535
	Net change	29,230	0.00%	480,492	3,696,095	480,492	-	-	3,696,095	3,725,325	-	3,725,325
	Overall Changes	\$ (3,908,106)	0.00%	\$ (64,243,524)	\$ (5,702,778)	\$ (66,943,524)	\$ 300,000	\$ (825,596)	\$ 3,696,095	\$ (737,607)	\$ -	\$ (737,607)
	Revised Amounts	\$ 66,415,705	6.08%	\$ 1,091,776,553	\$ 1,203,675,681	\$ 90,275,676	\$ 51,461,387	\$ 3,357,525	\$ 101,808,409	\$ 223,043,025	\$ 12,718,312	\$ 210,324,714
	August 21, 2015 Update	\$ 66,415,705	6.08%	\$ 1,091,776,553	\$ 1,203,675,681	\$ 90,275,676	\$ 51,461,387	\$ 3,357,525	\$ 101,808,409	\$ 223,043,025	\$ 12,718,312	\$ 210,324,714
	Difference - rounding only	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTES

1. Forecasted cost of power reduced by \$9,398,873, reducing working capital allowance @13% and rate base by \$1,221,853, reducing return @6.08% by \$74,329.
2. Capital addition of \$3,000,000 re monthly billing (2016) depreciation of \$300,000 reduces its opening NBV of \$2,850,000 to ending net book value of \$2,550,000 adding \$2,700,000 to average PP&E.
3. Reduce working capital allowance from 13% to 7.5%.
4. Reduction in PILs/Taxes due to lower target net income.
5. Increase in OM&A re monthly billing by \$3,696,095, increasing working capital allowance @13% and rate base by \$480,492, increasing return @6.08% by \$29,230.

PowerStream Inc.
EB-2015-0003
Revenue Requirement Change Analysis
August 21, 2015 Update

2018 Test Year

		Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement		
#	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement
	Per Application	\$ 75,613,185	6.10%	\$ 1,240,414,146	\$ 1,258,674,074	\$ 163,627,630	\$ 53,847,586	\$ 5,195,971	\$ 99,919,944	\$ 234,576,686	\$ 12,816,681	\$ 221,760,005
1	Old Cost of Power	(9,182,596)		(150,638,037)	(1,158,754,131)	(150,638,037)				(9,182,596)		(9,182,596)
	New Cost of Power	9,094,035		149,185,228	1,147,578,679	149,185,228				9,094,035		9,094,035
	Net change	(88,560)	0.00%	(1,452,809)	(11,175,452)	(1,452,809)	-	-	-	(88,560)	-	(88,560)
2	Old Average PP&E	(65,638,769)		(1,076,786,516)			(53,847,586)			(119,486,355)		(119,486,355)
	New Average PP&E	65,785,069		1,079,186,516			54,147,586			119,932,654		119,932,654
	Net change	146,299	0.00%	2,400,000	-	-	300,000	-	-	446,299	-	446,299
3	Old WCA % 13%	(9,916,001)		(162,669,356)	(1,251,302,740)	(162,669,356)				(9,916,001)		(9,916,001)
	New WCA % 7.5%	5,720,770		93,847,705	1,251,302,740	93,847,705				5,720,770		5,720,770
	Net change	(4,195,231)	0.00%	(68,821,651)	-	(68,821,651)	-	-	-	(4,195,231)	-	(4,195,231)
4	Old PILs							(5,195,971)		(5,195,971)		(5,195,971)
	New PILs							4,869,126		4,869,126		4,869,126
	Net change	-	0.00%	-	-	-	-	(326,845)	-	(326,845)	-	(326,845)
5	Old OM&A	(791,820)		(12,989,593)	(99,919,944)	(12,989,593)			(99,919,944)	(100,711,764)		(100,711,764)
	New OM&A	821,966		13,484,128	103,724,061	13,484,128			103,724,061	104,546,026		104,546,026
	Net change	30,146	0.00%	494,535	3,804,117	494,535	-	-	3,804,117	3,834,263	-	3,834,263
	Overall Changes	\$ (4,107,346)	0.00%	\$ (67,379,924)	\$ (7,371,335)	\$ (69,779,924)	\$ 300,000	\$ (326,845)	\$ 3,804,117	\$ (330,075)	\$ -	\$ (330,075)
	Revised Amounts	\$ 71,505,838	6.10%	\$ 1,173,034,221	\$ 1,251,302,740	\$ 93,847,705	\$ 54,147,586	\$ 4,869,126	\$ 103,724,061	\$ 234,246,611	\$ 12,816,681	\$ 221,429,930
	August 21, 2015 Update	\$ 71,505,838	6.10%	\$ 1,173,034,221	\$ 1,251,302,740	\$ 93,847,705	\$ 54,147,586	\$ 4,869,126	\$ 103,724,061	\$ 234,246,611	\$ 12,816,681	\$ 221,429,930
	Difference - rounding only	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTES

1. Forecasted cost of power reduced by \$11,175,452, reducing working capital allowance @13% and rate base by \$1,452,809, reducing return @6.10% by \$88,560.
2. Capital addition of \$3,000,000 re monthly billing (2016) depreciation of \$300,000 reduces its opening NBV of \$2,550,000 to ending net book value of \$2,250,000 adding \$2,400,000 to average PP&E.
3. Reduce working capital allowance from 13% to 7.5%.
4. Reduction in PILs/Taxes due to lower target net income.
5. Increase in OM&A re monthly billing by \$3,804,117, increasing working capital allowance @13% and rate base by \$494,535, increasing return @6.08% by \$30,146.

PowerStream Inc.

EB-2015-0003

Revenue Requirement Change Analysis

August 21, 2015 Update

2019 Test Year

		Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement		
#	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement
	Per Application	\$ 80,095,356	6.10%	\$ 1,313,942,960	\$ 1,286,274,237	\$ 167,215,651	\$ 56,706,212	\$ 6,311,801	\$ 102,194,621	\$ 245,307,990	\$ 12,938,953	\$ 232,369,037
1	Old Cost of Power	(9,383,289)		(153,930,350)	(1,184,079,615)	(153,930,350)				(9,383,289)		(9,383,289)
	New Cost of Power	9,291,301		152,421,320	1,172,471,696	152,421,320				9,291,301		9,291,301
	Net change	(91,987)	0.00%	(1,509,030)	(11,607,919)	(1,509,030)	-	-	-	(91,987)	-	(91,987)
2	Old Average PP&E	(69,902,221)		(1,146,727,309)			(56,706,212)			(126,608,434)		(126,608,434)
	New Average PP&E	70,030,233		1,148,827,309			57,006,212			127,036,446		127,036,446
	Net change	128,012	0.00%	2,100,000	-	-	300,000	-	-	428,012	-	428,012
3	Old WCA % 13%	(10,132,162)		(166,215,420)	(1,278,580,153)	(166,215,420)				(10,132,162)		(10,132,162)
	New WCA % 7.5%	5,845,478		95,893,512	1,278,580,153	95,893,512				5,845,478		5,845,478
	Net change	(4,286,684)	0.00%	(70,321,908)	-	(70,321,908)	-	-	-	(4,286,684)	-	(4,286,684)
4	Old PILs							(6,311,801)		(6,311,801)		(6,311,801)
	New PILs							5,960,608		5,960,608		5,960,608
	Net change	-	0.00%	-	-	-	-	(351,193)	-	(351,193)	-	(351,193)
5	Old OM&A	(809,846)		(13,285,301)	(102,194,621)	(13,285,301)			(102,194,621)	(103,004,467)		(103,004,467)
	New OM&A	840,861		13,794,099	106,108,457	13,794,099			106,108,457	106,949,318		106,949,318
	Net change	31,015	0.00%	508,799	3,913,836	508,799	-	-	3,913,836	3,944,851	-	3,944,851
	Overall Changes	\$ (4,219,644)	0.00%	\$ (69,222,139)	\$ (7,694,083)	\$ (71,322,139)	\$ 300,000	\$ (351,193)	\$ 3,913,836	\$ (357,001)	\$ -	\$ (357,001)
	Revised Amounts	\$ 75,875,711	6.10%	\$ 1,244,720,821	\$ 1,278,580,153	\$ 95,893,512	\$ 57,006,212	\$ 5,960,608	\$ 106,108,457	\$ 244,950,989	\$ 12,938,953	\$ 232,012,036
	August 21, 2015 Update	\$ 75,875,711	6.10%	\$ 1,244,720,821	\$ 1,278,580,153	\$ 95,893,512	\$ 57,006,212	\$ 5,960,608	\$ 106,108,457	\$ 244,950,989	\$ 12,938,953	\$ 232,012,036
	Difference - rounding only	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTES

1. Forecasted cost of power reduced by \$11,607,919, reducing working capital allowance @13% and rate base by \$1,509,030, reducing return @6.10% by \$91,987.
2. Capital addition of \$3,000,000 re monthly billing (2016) depreciation of \$300,000 reduces its opening NBV of \$2,250,000 to ending net book value of \$1,950,000 adding \$2,100,000 to average PP&E.
3. Reduce working capital allowance from 13% to 7.5%.
4. Reduction in PILs/Taxes due to lower target net income.
5. Increase in OM&A re monthly billing by \$3,913,836, increasing working capital allowance @13% and rate base by \$508,799, increasing return @6.08% by \$31,015.

PowerStream Inc.
EB-2015-0003
Revenue Requirement Change Analysis
August 21, 2015 Update

2020 Test Year

		Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement		
#	Item / Description ⁽²⁾	Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement
	Per Application	\$ 84,434,700	6.10%	\$ 1,385,128,753	\$ 1,307,327,781	\$ 169,952,612	\$ 59,844,283	\$ 6,565,895	\$ 104,193,445	\$ 255,038,323	\$ 13,069,086	\$ 241,969,237
1	Old Cost of Power	(9,534,289)		(156,407,464)	(1,203,134,336)	(156,407,464)				(9,534,289)		(9,534,289)
	New Cost of Power	9,466,978		155,303,244	1,194,640,335	155,303,244				9,466,978		9,466,978
	Net change	(67,311)	0.00%	(1,104,220)	(8,494,001)	(1,104,220)	-	-	-	(67,311)	-	(67,311)
2	Old Average PP&E	(74,074,726)		(1,215,176,141)			(59,844,283)			(133,919,009)		(133,919,009)
	New Average PP&E	74,184,451		1,216,976,141			60,144,283			134,328,733		134,328,733
	Net change	109,724	0.00%	1,800,000	-	-	300,000	-	-	409,724	-	409,724
3	Old WCA % 13%	(10,324,638)		(169,372,928)	(1,302,868,679)	(169,372,928)				(10,324,638)		(10,324,638)
	New WCA % 7.5%	5,956,522		97,715,151	1,302,868,679	97,715,151				5,956,522		5,956,522
	Net change	(4,368,116)	0.00%	(71,657,777)	-	(71,657,777)	-	-	-	(4,368,116)	-	(4,368,116)
4	Old PILs							(6,565,895)		(6,565,895)		(6,565,895)
	New PILs							6,198,041		6,198,041		6,198,041
	Net change	-	0.00%	-	-	-	-	(367,854)	-	(367,854)	-	(367,854)
5	Old OM&A	(825,685)		(13,545,148)	(104,193,445)	(13,545,148)			(104,193,445)	(105,019,130)		(105,019,130)
	New OM&A	857,660		14,069,685	108,228,344	14,069,685			108,228,344	109,086,004		109,086,004
	Net change	31,975	0.00%	524,537	4,034,899	524,537	-	-	4,034,899	4,066,874	-	4,066,874
	Overall Changes	\$ (4,293,728)	0.00%	\$ (70,437,461)	\$ (4,459,102)	\$ (72,237,461)	\$ 300,000	\$ (367,854)	\$ 4,034,899	\$ (326,683)	\$ -	\$ (326,683)
	Revised Amounts	\$ 80,140,972	6.10%	\$ 1,314,691,292	\$ 1,302,868,679	\$ 97,715,151	\$ 60,144,283	\$ 6,198,041	\$ 108,228,344	\$ 254,711,640	\$ 13,069,086	\$ 241,642,555
	August 21, 2015 Update	\$ 80,140,972	6.10%	\$ 1,314,691,292	\$ 1,302,868,679	\$ 97,715,151	\$ 60,144,283	\$ 6,198,041	\$ 108,228,344	\$ 254,711,640	\$ 13,069,086	\$ 241,642,555
	Difference - rounding only	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTES

1. Forecasted cost of power reduced by \$8,494,001, reducing working capital allowance @13% and rate base by \$1,104,220, reducing return @6.10% by \$67,311.
2. Capital addition of \$3,000,000 re monthly billing (2016) depreciation of \$300,000 reduces its opening NBV of \$1,950,000 to ending net book value of \$1,650,000 adding \$1,800,000 to average PP&E.
3. Reduce working capital allowance from 13% to 7.5%.
4. Reduction in PILs/Taxes due to lower target net income.
5. Increase in OM&A re monthly billing by \$4,034,899, increasing working capital allowance @13% and rate base by \$524,537, increasing return @6.08% by \$31,975.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers



Version 5.00

Utility Name	PowerStream Inc.
Service Territory	York Region and Simcoe County
Assigned EB Number	EB-2015-0003
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca

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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

Revenue Requirement Workform (RRWF) for 2015 Filers

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[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

[9. Rev Req](#)

[10. Tracking Sheet](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel**



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$1,126,003,576		\$1,500,000	#####			\$1,127,503,576
Accumulated Depreciation (average)	(\$205,566,810)	(5)	(\$75,000)	(\$205,641,810)			(\$205,641,810)
Allowance for Working Capital:							
Controllable Expenses	\$96,216,191		\$ -	\$ 96,216,191			\$96,216,191
Cost of Power	\$1,103,217,737		(\$50,156,490)	#####			\$1,053,061,247
Working Capital Rate (%)	13.00%	(9)		7.50%	(9)		7.50% (9)
2 Utility Income							
Operating Revenues:							
Distribution Revenue at Current Rates	\$162,444,354		(\$651,831)	\$161,792,522			
Distribution Revenue at Proposed Rates	\$191,921,906		(\$4,898,417)	\$187,023,489			
Other Revenue:							
Specific Service Charges	\$3,471,316		\$0	\$3,471,316			
Late Payment Charges	\$2,038,288		\$0	\$2,038,288			
Other Distribution Revenue	\$2,001,095		\$0	\$2,001,095			
Other Income and Deductions	\$5,079,905		\$0	\$5,079,905			
Total Revenue Offsets	\$12,590,603	(7)	\$0	\$12,590,603			
Operating Expenses:							
OM+A Expenses	\$94,637,605		\$ -	\$ 94,637,605			\$94,637,605
Depreciation/Amortization	\$47,223,722		\$150,000	\$ 47,373,722			\$47,373,722
Property taxes	\$1,578,586		\$ -	\$ 1,578,586			\$1,578,586
Other expenses							
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$46,237,243)	(3)		(\$46,287,243)			
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	(\$2,763,674)			(\$3,450,281)			
Income taxes (grossed up)	(\$3,760,101)			(\$4,694,260)			
Federal tax (%)	15.00%			15.00%			
Provincial tax (%)	11.50%			11.50%			
Income Tax Credits	(\$1,121,593)			(\$1,121,593)			
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		(8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			
Cost of Capital							
Long-term debt Cost Rate (%)	3.96%			3.96%			
Short-term debt Cost Rate (%)	2.16%			2.16%			
Common Equity Cost Rate (%)	9.30%			9.30%			
Preferred Shares Cost Rate (%)							

Notes:

General Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.

- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (8) 4.0% unless an Applicant has proposed or been approved for another amount.
- (9) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$1,126,003,576	\$1,500,000	\$1,127,503,576	\$ -	\$1,127,503,576
2	Accumulated Depreciation (average)	(3)	(\$205,566,810)	(\$75,000)	(\$205,641,810)	\$ -	(\$205,641,810)
3	Net Fixed Assets (average)	(3)	\$920,436,766	\$1,425,000	\$921,861,766	\$ -	\$921,861,766
4	Allowance for Working Capital	(1)	\$155,926,411	(\$69,730,603)	\$86,195,808	\$ -	\$86,195,808
5	Total Rate Base		\$1,076,363,177	(\$68,305,603)	\$1,008,057,574	\$ -	\$1,008,057,574

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$96,216,191	\$ -	\$96,216,191	\$ -	\$96,216,191
7	Cost of Power		\$1,103,217,737	(\$50,156,490)	\$1,053,061,247	\$ -	\$1,053,061,247
8	Working Capital Base		\$1,199,433,928	(\$50,156,490)	\$1,149,277,438	\$ -	\$1,149,277,438
9	Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$155,926,411	(\$69,730,603)	\$86,195,808	\$ -	\$86,195,808

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.
 (3) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	Operating Revenues:					
1	Distribution Revenue (at Proposed Rates)	\$191,921,906	(\$4,898,417)	\$187,023,489	\$ -	\$187,023,489
2	Other Revenue (1)	\$12,590,603	\$ -	\$12,590,603	\$ -	\$12,590,603
3	Total Operating Revenues	\$204,512,509	(\$4,898,417)	\$199,614,091	\$ -	\$199,614,091
	Operating Expenses:					
4	OM+A Expenses	\$94,637,605	\$ -	\$94,637,605	\$ -	\$94,637,605
5	Depreciation/Amortization	\$47,223,722	\$150,000	\$47,373,722	\$ -	\$47,373,722
6	Property taxes	\$1,578,586	\$ -	\$1,578,586	\$ -	\$1,578,586
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$143,439,913	\$150,000	\$143,589,913	\$ -	\$143,589,913
10	Deemed Interest Expense	\$24,791,986	(\$1,573,290)	\$23,218,696	\$ -	\$23,218,696
11	Total Expenses (lines 9 to 10)	\$168,231,899	(\$1,423,290)	\$166,808,609	\$ -	\$166,808,609
12	Utility income before income taxes	\$36,280,609	(\$3,475,127)	\$32,805,482	\$ -	\$32,805,482
13	Income taxes (grossed-up)	(\$3,760,101)	(\$934,159)	(\$4,694,260)	\$ -	(\$4,694,260)
14	Utility net income	\$40,040,710	(\$2,540,968)	\$37,499,742	\$ -	\$37,499,742

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$3,471,316	\$ -	\$3,471,316		\$3,471,316
	Late Payment Charges	\$2,038,288	\$ -	\$2,038,288		\$2,038,288
	Other Distribution Revenue	\$2,001,095	\$ -	\$2,001,095		\$2,001,095
	Other Income and Deductions	\$5,079,905	\$ -	\$5,079,905		\$5,079,905
	Total Revenue Offsets	\$12,590,603	\$ -	\$12,590,603	\$ -	\$12,590,603



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$40,040,710	\$37,499,742	\$37,499,742
2	Adjustments required to arrive at taxable utility income	(\$46,237,243)	(\$46,287,243)	(\$46,237,243)
3	Taxable income	(\$6,196,533)	(\$8,787,501)	(\$8,737,501)
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	(\$2,763,674)	(\$3,450,281)	(\$3,450,281)
6	Total taxes	(\$2,763,674)	(\$3,450,281)	(\$3,450,281)
7	Gross-up of Income Taxes	(\$996,427)	(\$1,243,979)	(\$1,243,979)
8	Grossed-up Income Taxes	(\$3,760,101)	(\$4,694,260)	(\$4,694,260)
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	(\$3,760,101)	(\$4,694,260)	(\$4,694,260)
10	Other tax Credits	(\$1,121,593)	(\$1,121,593)	(\$1,121,593)
<u>Tax Rates</u>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%
13	Total tax rate (%)	26.50%	26.50%	26.50%

Notes



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
Initial Application					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$602,763,379	3.96%	\$23,862,008
2	Short-term Debt	4.00%	\$43,054,527	2.16%	\$929,978
3	Total Debt	60.00%	\$645,817,906	3.84%	\$24,791,986
Equity					
4	Common Equity	40.00%	\$430,545,271	9.30%	\$40,040,710
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$430,545,271	9.30%	\$40,040,710
7	Total	100.00%	\$1,076,363,177	6.02%	\$64,832,696
Interrogatory Responses					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$564,512,241	3.96%	\$22,347,734
2	Short-term Debt	4.00%	\$40,322,303	2.16%	\$870,962
3	Total Debt	60.00%	\$604,834,544	3.84%	\$23,218,696
Equity					
4	Common Equity	40.00%	\$403,223,030	9.30%	\$37,499,742
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$403,223,030	9.30%	\$37,499,742
7	Total	100.00%	\$1,008,057,574	6.02%	\$60,718,438
Per Board Decision					
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$564,512,241	3.96%	\$22,347,734
9	Short-term Debt	4.00%	\$40,322,303	2.16%	\$870,962
10	Total Debt	60.00%	\$604,834,544	3.84%	\$23,218,696
Equity					
11	Common Equity	40.00%	\$403,223,030	9.30%	\$37,499,742
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$403,223,030	9.30%	\$37,499,742
14	Total	100.00%	\$1,008,057,574	6.02%	\$60,718,438

Notes

(1)

Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$29,477,552		\$25,230,966		\$25,230,966
2	Distribution Revenue	\$162,444,354	\$162,444,354	\$161,792,522	\$161,792,522	\$161,792,522	\$161,792,522
3	Other Operating Revenue	\$12,590,603	\$12,590,603	\$12,590,603	\$12,590,603	\$12,590,603	\$12,590,603
	Offsets - net						
4	Total Revenue	\$175,034,957	\$204,512,509	\$174,383,125	\$199,614,091	\$174,383,125	\$199,614,091
5	Operating Expenses	\$143,439,913	\$143,439,913	\$143,589,913	\$143,589,913	\$143,589,913	\$143,589,913
6	Deemed Interest Expense	\$24,791,986	\$24,791,986	\$23,218,696	\$23,218,696	\$23,218,696	\$23,218,696
8	Total Cost and Expenses	\$168,231,899	\$168,231,899	\$166,808,609	\$166,808,609	\$166,808,609	\$166,808,609
9	Utility Income Before Income Taxes	\$6,803,057	\$36,280,609	\$7,574,516	\$32,805,482	\$7,574,516	\$32,805,482
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$46,237,243)	(\$46,237,243)	(\$46,287,243)	(\$46,287,243)	(\$46,287,243)	(\$46,287,243)
11	Taxable Income	(\$39,434,186)	(\$9,956,634)	(\$38,712,727)	(\$13,481,761)	(\$38,712,727)	(\$13,481,761)
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	(\$10,450,059)	(\$2,638,508)	(\$10,258,873)	(\$3,572,667)	(\$10,258,873)	(\$3,572,667)
14	Income Tax Credits	(\$1,121,593)	(\$1,121,593)	(\$1,121,593)	(\$1,121,593)	(\$1,121,593)	(\$1,121,593)
15	Utility Net Income	\$18,374,709	\$40,040,710	\$18,954,982	\$37,499,742	\$18,954,982	\$37,499,742
16	Utility Rate Base	\$1,076,363,177	\$1,076,363,177	\$1,008,057,574	\$1,008,057,574	\$1,008,057,574	\$1,008,057,574
17	Deemed Equity Portion of Rate Base	\$430,545,271	\$430,545,271	\$403,223,030	\$403,223,030	\$403,223,030	\$403,223,030
18	Income/(Equity Portion of Rate Base)	4.27%	9.30%	4.70%	9.30%	4.70%	9.30%
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
20	Deficiency/Sufficiency in Return on Equity	-5.03%	0.00%	-4.60%	0.00%	-4.60%	0.00%
21	Indicated Rate of Return	4.01%	6.02%	4.18%	6.02%	4.18%	6.02%
22	Requested Rate of Return on Rate Base	6.02%	6.02%	6.02%	6.02%	6.02%	6.02%
23	Deficiency/Sufficiency in Rate of Return	-2.01%	0.00%	-1.84%	0.00%	-1.84%	0.00%
24	Target Return on Equity	\$40,040,710	\$40,040,710	\$37,499,742	\$37,499,742	\$37,499,742	\$37,499,742
25	Revenue Deficiency/(Sufficiency)	\$21,666,001	\$ -	\$18,544,760	\$ -	\$18,544,760	\$ -
26	Gross Revenue Deficiency/(Sufficiency)	\$29,477,552 (1)		\$25,230,966 (1)		\$25,230,966 (1)	

Notes:

(1) Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)

(2) Revenue Deficiency/Sufficiency as calculated in Rate Model (for cost allocation input) is \$127K less due to rounding.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$94,637,605	\$94,637,605	\$94,637,605
2	Amortization/Depreciation	\$47,223,722	\$47,373,722	\$47,373,722
3	Property Taxes	\$1,578,586	\$1,578,586	\$1,578,586
5	Income Taxes (Grossed up)	(\$3,760,101)	(\$4,694,260)	(\$4,694,260)
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$24,791,986	\$23,218,696	\$23,218,696
	Return on Deemed Equity	\$40,040,710	\$37,499,742	\$37,499,742
8	Service Revenue Requirement (before Revenues)	<u>\$204,512,509</u>	<u>\$199,614,091</u>	<u>\$199,614,091</u>
9	Revenue Offsets	\$12,590,603	\$12,590,603	\$ -
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$191,921,906</u>	<u>\$187,023,489</u>	<u>\$199,614,091</u>
11	Distribution revenue	\$191,921,906	\$187,023,489	\$187,023,489
12	Other revenue	\$12,590,603	\$12,590,603	\$12,590,603
13	Total revenue	<u>\$204,512,509</u>	<u>\$199,614,091</u>	<u>\$199,614,091</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ - (1)</u>	<u>\$ - (1)</u>	<u>\$ - (1)</u>

Notes

(1) Line 11 - Line 8



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers



Version 5.00

Utility Name	PowerStream Inc.
Service Territory	York Region and Simcoe County
Assigned EB Number	EB-2015-0003
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca

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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

Revenue Requirement Workform (RRWF) for 2015 Filers

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[3. Data Input Sheet](#)

[4. Rate Base](#)

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[6. Taxes PILs](#)

[7. Cost of Capital](#)

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[9. Rev Req](#)

[10. Tracking Sheet](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) ***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***
- (5) ***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel***



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$1,254,110,434		\$3,000,000	#####			\$1,257,110,434
Accumulated Depreciation (average)	(\$255,309,557)	(5)	(\$300,000)	(\$255,609,557)			(\$255,609,557)
Allowance for Working Capital:							
Controllable Expenses	\$98,112,314		\$3,696,095	\$ 101,808,409			\$101,808,409
Cost of Power	\$1,111,266,145		(\$9,398,873)	#####			\$1,101,867,272
Working Capital Rate (%)	13.00%	(9)		7.50%	(9)		7.50% (9)
2 Utility Income							
Operating Revenues:							
Distribution Revenue at Current Rates	\$163,344,950		(\$846,027)	\$162,498,923			
Distribution Revenue at Proposed Rates	\$211,062,321		(\$737,607)	\$210,324,714			
Other Revenue:							
Specific Service Charges	\$3,474,784		\$0	\$3,474,784			
Late Payment Charges	\$2,076,532		\$0	\$2,076,532			
Other Distribution Revenue	\$2,025,296		\$0	\$2,025,296			
Other Income and Deductions	\$5,141,699		\$0	\$5,141,699			
Total Revenue Offsets	\$12,718,312	(7)	\$0	\$12,718,312			
Operating Expenses:							
OM+A Expenses	\$96,510,540		\$3,696,095	\$ 100,206,635			\$100,206,635
Depreciation/Amortization	\$51,161,387		\$300,000	\$ 51,461,387			\$51,461,387
Property taxes	\$1,601,774		\$ -	\$ 1,601,774			\$1,601,774
Other expenses							
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$27,130,035)	(3)		(\$27,030,035)			
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	\$3,074,594			\$2,467,781			
Income taxes (grossed up)	\$4,183,121			\$3,357,525			
Federal tax (%)	15.00%			15.00%			
Provincial tax (%)	11.50%			11.50%			
Income Tax Credits	(\$1,131,993)			(\$1,131,993)			
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		(8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			
Cost of Capital							
Long-term debt Cost Rate (%)	4.01%			4.01%			
Short-term debt Cost Rate (%)	3.00%			3.00%			
Common Equity Cost Rate (%)	9.30%			9.30%			
Preferred Shares Cost Rate (%)							

Notes:

- General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (8) 4.0% unless an Applicant has proposed or been approved for another amount.
- (9) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Rate Base and Working Capital

Rate Base										
Line No.	Particulars		Initial Application		Adjustments		Interrogatory Responses		Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$1,254,110,434		\$3,000,000		\$1,257,110,434		\$ -	\$1,257,110,434
2	Accumulated Depreciation (average)	(3)	(\$255,309,557)		(\$300,000)		(\$255,609,557)		\$ -	(\$255,609,557)
3	Net Fixed Assets (average)	(3)	\$998,800,877		\$2,700,000		\$1,001,500,877		\$ -	\$1,001,500,877
4	Allowance for Working Capital	(1)	\$157,219,200		(\$66,943,524)		\$90,275,676		\$ -	\$90,275,676
5	Total Rate Base		\$1,156,020,076		(\$64,243,524)		\$1,091,776,553		\$ -	\$1,091,776,553

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$98,112,314	\$3,696,095	\$101,808,409	\$ -	\$101,808,409
7	Cost of Power		\$1,111,266,145	(\$9,398,873)	\$1,101,867,272	\$ -	\$1,101,867,272
8	Working Capital Base		\$1,209,378,459	(\$5,702,778)	\$1,203,675,681	\$ -	\$1,203,675,681
9	Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$157,219,200	(\$66,943,524)	\$90,275,676	\$ -	\$90,275,676

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.
- (3) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	Operating Revenues:					
1	Distribution Revenue (at Proposed Rates)	\$211,062,321	(\$737,607)	\$210,324,714	\$ -	\$210,324,714
2	Other Revenue (1)	\$12,718,312	\$ -	\$12,718,312	\$ -	\$12,718,312
3	Total Operating Revenues	\$223,780,633	(\$737,607)	\$223,043,025	\$ -	\$223,043,025
	Operating Expenses:					
4	OM+A Expenses	\$96,510,540	\$3,696,095	\$100,206,635	\$ -	\$100,206,635
5	Depreciation/Amortization	\$51,161,387	\$300,000	\$51,461,387	\$ -	\$51,461,387
6	Property taxes	\$1,601,774	\$ -	\$1,601,774	\$ -	\$1,601,774
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$149,273,700	\$3,996,095	\$153,269,795	\$ -	\$153,269,795
10	Deemed Interest Expense	\$27,319,864	(\$1,518,247)	\$25,801,617	\$ -	\$25,801,617
11	Total Expenses (lines 9 to 10)	\$176,593,565	\$2,477,848	\$179,071,412	\$ -	\$179,071,412
12	Utility income before income taxes	\$47,187,068	(\$3,215,455)	\$43,971,613	\$ -	\$43,971,613
13	Income taxes (grossed-up)	\$4,183,121	(\$825,596)	\$3,357,525	\$ -	\$3,357,525
14	Utility net income	\$43,003,947	(\$2,389,859)	\$40,614,088	\$ -	\$40,614,088

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$3,474,784	\$ -	\$3,474,784		\$3,474,784
	Late Payment Charges	\$2,076,532	\$ -	\$2,076,532		\$2,076,532
	Other Distribution Revenue	\$2,025,296	\$ -	\$2,025,296		\$2,025,296
	Other Income and Deductions	\$5,141,699	\$ -	\$5,141,699		\$5,141,699
	Total Revenue Offsets	\$12,718,312	\$ -	\$12,718,312	\$ -	\$12,718,312



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$43,003,947	\$40,614,088	\$40,614,088
2	Adjustments required to arrive at taxable utility income	(\$27,130,035)	(\$27,030,035)	(\$27,130,035)
3	Taxable income	<u>\$15,873,912</u>	<u>\$13,584,053</u>	<u>\$13,484,053</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$3,074,594</u>	<u>\$2,467,781</u>	<u>\$2,467,781</u>
6	Total taxes	<u>\$3,074,594</u>	<u>\$2,467,781</u>	<u>\$2,467,781</u>
7	Gross-up of Income Taxes	<u>\$1,108,527</u>	<u>\$889,744</u>	<u>\$889,744</u>
8	Grossed-up Income Taxes	<u>\$4,183,121</u>	<u>\$3,357,525</u>	<u>\$3,357,525</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$4,183,121</u>	<u>\$3,357,525</u>	<u>\$3,357,525</u>
10	Other tax Credits	(\$1,131,993)	(\$1,131,993)	(\$1,131,993)
<u>Tax Rates</u>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%
13	Total tax rate (%)	<u>26.50%</u>	<u>26.50%</u>	<u>26.50%</u>

Notes



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$647,371,243	4.01%	\$25,932,640
2	Short-term Debt	4.00%	\$46,240,803	3.00%	\$1,387,224
3	Total Debt	60.00%	\$693,612,046	3.94%	\$27,319,864
	Equity				
4	Common Equity	40.00%	\$462,408,031	9.30%	\$43,003,947
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$462,408,031	9.30%	\$43,003,947
7	Total	100.00%	\$1,156,020,076	6.08%	\$70,323,811
		Interrogatory Responses			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$611,394,870	4.01%	\$24,491,485
2	Short-term Debt	4.00%	\$43,671,062	3.00%	\$1,310,132
3	Total Debt	60.00%	\$655,065,932	3.94%	\$25,801,617
	Equity				
4	Common Equity	40.00%	\$436,710,621	9.30%	\$40,614,088
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$436,710,621	9.30%	\$40,614,088
7	Total	100.00%	\$1,091,776,553	6.08%	\$66,415,705
		Per Board Decision			
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$611,394,870	4.01%	\$24,491,485
9	Short-term Debt	4.00%	\$43,671,062	3.00%	\$1,310,132
10	Total Debt	60.00%	\$655,065,932	3.94%	\$25,801,617
	Equity				
11	Common Equity	40.00%	\$436,710,621	9.30%	\$40,614,088
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$436,710,621	9.30%	\$40,614,088
14	Total	100.00%	\$1,091,776,553	6.08%	\$66,415,705

Notes

(1)

Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$47,717,370		\$47,825,791		\$47,825,791
2	Distribution Revenue	\$163,344,950	\$163,344,950	\$162,498,923	\$162,498,923	\$162,498,923	\$162,498,923
3	Other Operating Revenue	\$12,718,312	\$12,718,312	\$12,718,312	\$12,718,312	\$12,718,312	\$12,718,312
	Offsets - net						
4	Total Revenue	<u>\$176,063,262</u>	<u>\$223,780,633</u>	<u>\$175,217,235</u>	<u>\$223,043,025</u>	<u>\$175,217,235</u>	<u>\$223,043,025</u>
5	Operating Expenses	\$149,273,700	\$149,273,700	\$153,269,795	\$153,269,795	\$153,269,795	\$153,269,795
6	Deemed Interest Expense	\$27,319,864	\$27,319,864	\$25,801,617	\$25,801,617	\$25,801,617	\$25,801,617
8	Total Cost and Expenses	<u>\$176,593,565</u>	<u>\$176,593,565</u>	<u>\$179,071,412</u>	<u>\$179,071,412</u>	<u>\$179,071,412</u>	<u>\$179,071,412</u>
9	Utility Income Before Income Taxes	<u>(\$530,303)</u>	\$47,187,068	<u>(\$3,854,178)</u>	\$43,971,613	<u>(\$3,854,178)</u>	\$43,971,613
10	Tax Adjustments to Accounting Income per 2013 PILs model	<u>(\$27,130,035)</u>	<u>(\$27,130,035)</u>	<u>(\$27,030,035)</u>	<u>(\$27,030,035)</u>	<u>(\$27,030,035)</u>	<u>(\$27,030,035)</u>
11	Taxable Income	<u>(\$27,660,337)</u>	\$20,057,033	<u>(\$30,884,212)</u>	\$16,941,578	<u>(\$30,884,212)</u>	\$16,941,578
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	<u>(\$7,329,989)</u>	\$5,315,114	<u>(\$8,184,316)</u>	\$4,489,518	<u>(\$8,184,316)</u>	\$4,489,518
14	Income Tax Credits	<u>(\$1,131,993)</u>	<u>(\$1,131,993)</u>	<u>(\$1,131,993)</u>	<u>(\$1,131,993)</u>	<u>(\$1,131,993)</u>	<u>(\$1,131,993)</u>
15	Utility Net Income	<u>\$7,931,680</u>	<u>\$43,003,947</u>	<u>\$5,462,132</u>	<u>\$40,614,088</u>	<u>\$5,462,132</u>	<u>\$40,614,088</u>
16	Utility Rate Base	\$1,156,020,076	\$1,156,020,076	\$1,091,776,553	\$1,091,776,553	\$1,091,776,553	\$1,091,776,553
17	Deemed Equity Portion of Rate Base	\$462,408,031	\$462,408,031	\$436,710,621	\$436,710,621	\$436,710,621	\$436,710,621
18	Income/(Equity Portion of Rate Base)	1.72%	9.30%	1.25%	9.30%	1.25%	9.30%
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
20	Deficiency/Sufficiency in Return on Equity	-7.58%	0.00%	-8.05%	0.00%	-8.05%	0.00%
21	Indicated Rate of Return	3.05%	6.08%	2.86%	6.08%	2.86%	6.08%
22	Requested Rate of Return on Rate Base	6.08%	6.08%	6.08%	6.08%	6.08%	6.08%
23	Deficiency/Sufficiency in Rate of Return	-3.03%	0.00%	-3.22%	0.00%	-3.22%	0.00%
24	Target Return on Equity	\$43,003,947	\$43,003,947	\$40,614,088	\$40,614,088	\$40,614,088	\$40,614,088
25	Revenue Deficiency/(Sufficiency)	\$35,072,267	\$ -	\$35,151,956	\$0	\$35,151,956	\$0
26	Gross Revenue Deficiency/(Sufficiency)	<u>\$47,717,370 (1)</u>		<u>\$47,825,791 (1)</u>		<u>\$47,825,791 (1)</u>	

Notes:

(1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$96,510,540	\$100,206,635	\$100,206,635
2	Amortization/Depreciation	\$51,161,387	\$51,461,387	\$51,461,387
3	Property Taxes	\$1,601,774	\$1,601,774	\$1,601,774
5	Income Taxes (Grossed up)	\$4,183,121	\$3,357,525	\$3,357,525
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$27,319,864	\$25,801,617	\$25,801,617
	Return on Deemed Equity	\$43,003,947	\$40,614,088	\$40,614,088
8	Service Revenue Requirement (before Revenues)	<u>\$223,780,633</u>	<u>\$223,043,025</u>	<u>\$223,043,025</u>
9	Revenue Offsets	\$12,718,312	\$12,718,312	\$ -
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$211,062,321</u>	<u>\$210,324,714</u>	<u>\$223,043,025</u>
11	Distribution revenue	\$211,062,321	\$210,324,714	\$210,324,714
12	Other revenue	\$12,718,312	\$12,718,312	\$12,718,312
13	Total revenue	<u>\$223,780,633</u>	<u>\$223,043,025</u>	<u>\$223,043,025</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ - (1)</u>	<u>\$ - (1)</u>	<u>\$ - (1)</u>

Notes

(1) Line 11 - Line 8



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers



Version 5.00

Utility Name	PowerStream Inc.
Service Territory	York Region and Simcoe County
Assigned EB Number	EB-2015-0003
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca

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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

Revenue Requirement Workform (RRWF) for 2015 Filers

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[3. Data Input Sheet](#)

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[6. Taxes PILs](#)

[7. Cost of Capital](#)

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[9. Rev Req](#)

[10. Tracking Sheet](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel**



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$1,385,264,071		\$3,000,000	#####			\$1,388,264,071
Accumulated Depreciation (average)	(\$308,477,555)	(5)	(\$600,000)	(\$309,077,555)			(\$309,077,555)
Allowance for Working Capital:							
Controllable Expenses	\$99,919,944		\$3,804,117	\$ 103,724,061			\$103,724,061
Cost of Power	\$1,158,754,131		(\$11,175,452)	#####			\$1,147,578,679
Working Capital Rate (%)	13.00%	(9)		7.50%	(9)		7.50% (9)
2 Utility Income							
Operating Revenues:							
Distribution Revenue at Current Rates	\$164,308,195		(\$941,333)	\$163,366,863			
Distribution Revenue at Proposed Rates	\$221,760,005		(\$330,075)	\$221,429,930			
Other Revenue:							
Specific Service Charges	\$3,475,039		\$0	\$3,475,039			
Late Payment Charges	\$2,045,682		\$0	\$2,045,682			
Other Distribution Revenue	\$2,047,023		\$0	\$2,047,023			
Other Income and Deductions	\$5,248,937		\$0	\$5,248,937			
Total Revenue Offsets	\$12,816,681	(7)	\$0	\$12,816,681			
Operating Expenses:							
OM+A Expenses	\$98,294,602		\$3,804,117	\$ 102,098,719			\$102,098,719
Depreciation/Amortization	\$53,847,586		\$300,000	\$ 54,147,586			\$54,147,586
Property taxes	\$1,625,342		\$ -	\$ 1,625,342			\$1,625,342
Other expenses							
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$27,420,645)	(3)		(\$25,820,645)			
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	\$3,819,039			\$3,578,808			
Income taxes (grossed up)	\$5,195,971			\$4,869,126			
Federal tax (%)	15.00%			15.00%			
Provincial tax (%)	11.50%			11.50%			
Income Tax Credits	(\$1,142,493)			(\$1,142,493)			
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		(8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			
Cost of Capital							
Long-term debt Cost Rate (%)	4.03%			4.03%			
Short-term debt Cost Rate (%)	3.00%			3.00%			
Common Equity Cost Rate (%)	9.30%			9.30%			
Preferred Shares Cost Rate (%)							

Notes:

- General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (8) 4.0% unless an Applicant has proposed or been approved for another amount.
- (9) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$1,385,264,071	\$3,000,000	\$1,388,264,071	\$ -	\$1,388,264,071
2	Accumulated Depreciation (average)	(3)	(\$308,477,555)	(\$600,000)	(\$309,077,555)	\$ -	(\$309,077,555)
3	Net Fixed Assets (average)	(3)	\$1,076,786,516	\$2,400,000	\$1,079,186,516	\$ -	\$1,079,186,516
4	Allowance for Working Capital	(1)	\$163,627,630	(\$69,779,924)	\$93,847,705	\$ -	\$93,847,705
5	Total Rate Base		\$1,240,414,146	(\$67,379,924)	\$1,173,034,221	\$ -	\$1,173,034,221

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$99,919,944	\$3,804,117	\$103,724,061	\$ -	\$103,724,061
7	Cost of Power		\$1,158,754,131	(\$11,175,452)	\$1,147,578,679	\$ -	\$1,147,578,679
8	Working Capital Base		\$1,258,674,074	(\$7,371,335)	\$1,251,302,740	\$ -	\$1,251,302,740
9	Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$163,627,630	(\$69,779,924)	\$93,847,705	\$ -	\$93,847,705

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.
 (3) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	Operating Revenues:					
1	Distribution Revenue (at Proposed Rates)	\$221,760,005	(\$330,075)	\$221,429,930	\$ -	\$221,429,930
2	Other Revenue (1)	\$12,816,681	\$ -	\$12,816,681	\$ -	\$12,816,681
3	Total Operating Revenues	\$234,576,686	(\$330,075)	\$234,246,611	\$ -	\$234,246,611
	Operating Expenses:					
4	OM+A Expenses	\$98,294,602	\$3,804,117	\$102,098,719	\$ -	\$102,098,719
5	Depreciation/Amortization	\$53,847,586	\$300,000	\$54,147,586	\$ -	\$54,147,586
6	Property taxes	\$1,625,342	\$ -	\$1,625,342	\$ -	\$1,625,342
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$153,767,530	\$4,104,117	\$157,871,647	\$ -	\$157,871,647
10	Deemed Interest Expense	\$29,469,779	(\$1,600,813)	\$27,868,965	\$ -	\$27,868,965
11	Total Expenses (lines 9 to 10)	\$183,237,308	\$2,503,304	\$185,740,612	\$ -	\$185,740,612
12	Utility income before income taxes	\$51,339,377	(\$2,833,378)	\$48,505,999	\$ -	\$48,505,999
13	Income taxes (grossed-up)	\$5,195,971	(\$326,845)	\$4,869,126	\$ -	\$4,869,126
14	Utility net income	\$46,143,406	(\$2,506,533)	\$43,636,873	\$ -	\$43,636,873

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$3,475,039	\$ -	\$3,475,039		\$3,475,039
	Late Payment Charges	\$2,045,682	\$ -	\$2,045,682		\$2,045,682
	Other Distribution Revenue	\$2,047,023	\$ -	\$2,047,023		\$2,047,023
	Other Income and Deductions	\$5,248,937	\$ -	\$5,248,937		\$5,248,937
	Total Revenue Offsets	\$12,816,681	\$ -	\$12,816,681	\$ -	\$12,816,681



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$46,143,406	\$43,636,873	\$43,636,873
2	Adjustments required to arrive at taxable utility income	(\$27,420,645)	(\$25,820,645)	(\$27,420,645)
3	Taxable income	<u>\$18,722,762</u>	<u>\$17,816,228</u>	<u>\$16,216,228</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$3,819,039</u>	<u>\$3,578,808</u>	<u>\$3,578,808</u>
6	Total taxes	<u>\$3,819,039</u>	<u>\$3,578,808</u>	<u>\$3,578,808</u>
7	Gross-up of Income Taxes	<u>\$1,376,932</u>	<u>\$1,290,318</u>	<u>\$1,290,318</u>
8	Grossed-up Income Taxes	<u>\$5,195,971</u>	<u>\$4,869,126</u>	<u>\$4,869,126</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$5,195,971</u>	<u>\$4,869,126</u>	<u>\$4,869,126</u>
10	Other tax Credits	(\$1,142,493)	(\$1,142,493)	(\$1,142,493)
<u>Tax Rates</u>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%
13	Total tax rate (%)	<u>26.50%</u>	<u>26.50%</u>	<u>26.50%</u>

Notes



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
Initial Application					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$694,631,921	4.03%	\$27,981,282
2	Short-term Debt	4.00%	\$49,616,566	3.00%	\$1,488,497
3	Total Debt	60.00%	\$744,248,487	3.96%	\$29,469,779
Equity					
4	Common Equity	40.00%	\$496,165,658	9.30%	\$46,143,406
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$496,165,658	9.30%	\$46,143,406
7	Total	100.00%	\$1,240,414,146	6.10%	\$75,613,185
Interrogatory Responses					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$656,899,164	4.03%	\$26,461,324
2	Short-term Debt	4.00%	\$46,921,369	3.00%	\$1,407,641
3	Total Debt	60.00%	\$703,820,533	3.96%	\$27,868,965
Equity					
4	Common Equity	40.00%	\$469,213,689	9.30%	\$43,636,873
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$469,213,689	9.30%	\$43,636,873
7	Total	100.00%	\$1,173,034,221	6.10%	\$71,505,838
Per Board Decision					
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$656,899,164	4.03%	\$26,461,324
9	Short-term Debt	4.00%	\$46,921,369	3.00%	\$1,407,641
10	Total Debt	60.00%	\$703,820,533	3.96%	\$27,868,965
Equity					
11	Common Equity	40.00%	\$469,213,689	9.30%	\$43,636,873
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$469,213,689	9.30%	\$43,636,873
14	Total	100.00%	\$1,173,034,221	6.10%	\$71,505,838

Notes

(1)

Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$57,451,810		\$58,063,067		\$58,063,067
2	Distribution Revenue	\$164,308,195	\$164,308,195	\$163,366,863	\$163,366,863	\$163,366,863	\$163,366,863
3	Other Operating Revenue	\$12,816,681	\$12,816,681	\$12,816,681	\$12,816,681	\$12,816,681	\$12,816,681
	Offsets - net						
4	Total Revenue	<u>\$177,124,876</u>	<u>\$234,576,686</u>	<u>\$176,183,544</u>	<u>\$234,246,611</u>	<u>\$176,183,544</u>	<u>\$234,246,611</u>
5	Operating Expenses	\$153,767,530	\$153,767,530	\$157,871,647	\$157,871,647	\$157,871,647	\$157,871,647
6	Deemed Interest Expense	\$29,469,779	\$29,469,779	\$27,868,965	\$27,868,965	\$27,868,965	\$27,868,965
8	Total Cost and Expenses	<u>\$183,237,308</u>	<u>\$183,237,308</u>	<u>\$185,740,612</u>	<u>\$185,740,612</u>	<u>\$185,740,612</u>	<u>\$185,740,612</u>
9	Utility Income Before Income Taxes	<u>(\$6,112,432)</u>	\$51,339,377	<u>(\$9,557,068)</u>	\$48,505,999	<u>(\$9,557,068)</u>	\$48,505,999
10	Tax Adjustments to Accounting Income per 2013 PILs model	<u>(\$27,420,645)</u>	<u>(\$27,420,645)</u>	<u>(\$25,820,645)</u>	<u>(\$25,820,645)</u>	<u>(\$25,820,645)</u>	<u>(\$25,820,645)</u>
11	Taxable Income	<u>(\$33,533,077)</u>	\$23,918,733	<u>(\$35,377,713)</u>	\$22,685,354	<u>(\$35,377,713)</u>	\$22,685,354
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	<u>(\$8,886,265)</u>	\$6,338,464	<u>(\$9,375,094)</u>	\$6,011,619	<u>(\$9,375,094)</u>	\$6,011,619
14	Income Tax Credits	<u>(\$1,142,493)</u>	<u>(\$1,142,493)</u>	<u>(\$1,142,493)</u>	<u>(\$1,142,493)</u>	<u>(\$1,142,493)</u>	<u>(\$1,142,493)</u>
15	Utility Net Income	<u>\$3,916,326</u>	<u>\$46,143,406</u>	<u>\$960,518</u>	<u>\$43,636,873</u>	<u>\$960,518</u>	<u>\$43,636,873</u>
16	Utility Rate Base	\$1,240,414,146	\$1,240,414,146	\$1,173,034,221	\$1,173,034,221	\$1,173,034,221	\$1,173,034,221
17	Deemed Equity Portion of Rate Base	\$496,165,658	\$496,165,658	\$469,213,689	\$469,213,689	\$469,213,689	\$469,213,689
18	Income/(Equity Portion of Rate Base)	0.79%	9.30%	0.20%	9.30%	0.20%	9.30%
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
20	Deficiency/Sufficiency in Return on Equity	-8.51%	0.00%	-9.10%	0.00%	-9.10%	0.00%
21	Indicated Rate of Return	2.69%	6.10%	2.46%	6.10%	2.46%	6.10%
22	Requested Rate of Return on Rate Base	6.10%	6.10%	6.10%	6.10%	6.10%	6.10%
23	Deficiency/Sufficiency in Rate of Return	-3.40%	0.00%	-3.64%	0.00%	-3.64%	0.00%
24	Target Return on Equity	\$46,143,406	\$46,143,406	\$43,636,873	\$43,636,873	\$43,636,873	\$43,636,873
25	Revenue Deficiency/(Sufficiency)	\$42,227,080	\$ -	\$42,676,355	\$ -	\$42,676,355	\$ -
26	Gross Revenue Deficiency/(Sufficiency)	\$57,451,810 (1)		\$58,063,067 (1)		\$58,063,067 (1)	

Notes:

(1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$98,294,602	\$102,098,719	\$102,098,719
2	Amortization/Depreciation	\$53,847,586	\$54,147,586	\$54,147,586
3	Property Taxes	\$1,625,342	\$1,625,342	\$1,625,342
5	Income Taxes (Grossed up)	\$5,195,971	\$4,869,126	\$4,869,126
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$29,469,779	\$27,868,965	\$27,868,965
	Return on Deemed Equity	\$46,143,406	\$43,636,873	\$43,636,873
8	Service Revenue Requirement (before Revenues)	<u>\$234,576,686</u>	<u>\$234,246,611</u>	<u>\$234,246,611</u>
9	Revenue Offsets	\$12,816,681	\$12,816,681	\$ -
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$221,760,005</u>	<u>\$221,429,930</u>	<u>\$234,246,611</u>
11	Distribution revenue	\$221,760,005	\$221,429,930	\$221,429,930
12	Other revenue	\$12,816,681	\$12,816,681	\$12,816,681
13	Total revenue	<u>\$234,576,686</u>	<u>\$234,246,611</u>	<u>\$234,246,611</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ - (1)</u>	<u>\$ - (1)</u>	<u>\$ - (1)</u>

Notes

(1) Line 11 - Line 8



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers



Version 5.00

Utility Name	PowerStream Inc.
Service Territory	York Region and Simcoe County
Assigned EB Number	EB-2015-0003
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca

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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

Revenue Requirement Workform (RRWF) for 2015 Filers

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[3. Data Input Sheet](#)

[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

[9. Rev Req](#)

[10. Tracking Sheet](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel**



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$1,511,320,307		\$3,000,000	#####			\$1,514,320,307
Accumulated Depreciation (average)	(\$364,592,998)	(5)	(\$900,000)	(\$365,492,998)			(\$365,492,998)
Allowance for Working Capital:							
Controllable Expenses	\$102,194,621		\$3,913,836	\$ 106,108,457			\$106,108,457
Cost of Power	\$1,184,079,615		(\$11,607,919)	#####			\$1,172,471,696
Working Capital Rate (%)	13.00%	(9)		7.50%	(9)		7.50% (9)
2 Utility Income							
Operating Revenues:							
Distribution Revenue at Current Rates	\$165,283,011		(\$935,645)	\$164,347,366			
Distribution Revenue at Proposed Rates	\$232,369,037		(\$357,001)	\$232,012,036			
Other Revenue:							
Specific Service Charges	\$3,474,966		\$0	\$3,474,966			
Late Payment Charges	\$2,053,501		\$0	\$2,053,501			
Other Distribution Revenue	\$2,070,949		\$0	\$2,070,949			
Other Income and Deductions	\$5,339,537		\$0	\$5,339,537			
Total Revenue Offsets	\$12,938,953	(7)	\$0	\$12,938,953			
Operating Expenses:							
OM+A Expenses	\$100,545,323		\$3,913,836	\$ 104,459,159			\$104,459,159
Depreciation/Amortization	\$56,706,212		\$300,000	\$ 57,006,212			\$57,006,212
Property taxes	\$1,649,298		\$ -	\$ 1,649,298			\$1,649,298
Other expenses							
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$27,020,690)	(3)		(\$25,419,690)			
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	\$4,639,174			\$4,381,047			
Income taxes (grossed up)	\$6,311,801			\$5,960,608			
Federal tax (%)	15.00%			15.00%			
Provincial tax (%)	11.50%			11.50%			
Income Tax Credits	(\$1,153,193)			(\$1,153,193)			
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		(8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			
Cost of Capital							
Long-term debt Cost Rate (%)	4.03%			4.03%			
Short-term debt Cost Rate (%)	3.00%			3.00%			
Common Equity Cost Rate (%)	9.30%			9.30%			
Preferred Shares Cost Rate (%)							

Notes:

- General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (8) 4.0% unless an Applicant has proposed or been approved for another amount.
- (9) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$1,511,320,307	\$3,000,000	\$1,514,320,307	\$ -	\$1,514,320,307
2	Accumulated Depreciation (average)	(3)	(\$364,592,998)	(\$900,000)	(\$365,492,998)	\$ -	(\$365,492,998)
3	Net Fixed Assets (average)	(3)	\$1,146,727,309	\$2,100,000	\$1,148,827,309	\$ -	\$1,148,827,309
4	Allowance for Working Capital	(1)	\$167,215,651	(\$71,322,139)	\$95,893,512	\$ -	\$95,893,512
5	Total Rate Base		\$1,313,942,960	(\$69,222,139)	\$1,244,720,821	\$ -	\$1,244,720,821

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$102,194,621	\$3,913,836	\$106,108,457	\$ -	\$106,108,457
7	Cost of Power		\$1,184,079,615	(\$11,607,919)	\$1,172,471,696	\$ -	\$1,172,471,696
8	Working Capital Base		\$1,286,274,237	(\$7,694,083)	\$1,278,580,153	\$ -	\$1,278,580,153
9	Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$167,215,651	(\$71,322,139)	\$95,893,512	\$ -	\$95,893,512

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.
 (3) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	Operating Revenues:					
1	Distribution Revenue (at Proposed Rates)	\$232,369,037	(\$357,001)	\$232,012,036	\$ -	\$232,012,036
2	Other Revenue (1)	\$12,938,953	\$ -	\$12,938,953	\$ -	\$12,938,953
3	Total Operating Revenues	\$245,307,990	(\$357,001)	\$244,950,989	\$ -	\$244,950,989
	Operating Expenses:					
4	OM+A Expenses	\$100,545,323	\$3,913,836	\$104,459,159	\$ -	\$104,459,159
5	Depreciation/Amortization	\$56,706,212	\$300,000	\$57,006,212	\$ -	\$57,006,212
6	Property taxes	\$1,649,298	\$ -	\$1,649,298	\$ -	\$1,649,298
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$158,900,834	\$4,213,836	\$163,114,670	\$ -	\$163,114,670
10	Deemed Interest Expense	\$31,216,677	(\$1,644,581)	\$29,572,097	\$ -	\$29,572,097
11	Total Expenses (lines 9 to 10)	\$190,117,511	\$2,569,255	\$192,686,767	\$ -	\$192,686,767
12	Utility income before income taxes	\$55,190,479	(\$2,926,256)	\$52,264,223	\$ -	\$52,264,223
13	Income taxes (grossed-up)	\$6,311,801	(\$351,193)	\$5,960,608	\$ -	\$5,960,608
14	Utility net income	\$48,878,678	(\$2,575,064)	\$46,303,615	\$ -	\$46,303,615

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$3,474,966	\$ -	\$3,474,966		\$3,474,966
	Late Payment Charges	\$2,053,501	\$ -	\$2,053,501		\$2,053,501
	Other Distribution Revenue	\$2,070,949	\$ -	\$2,070,949		\$2,070,949
	Other Income and Deductions	\$5,339,537	\$ -	\$5,339,537		\$5,339,537
	Total Revenue Offsets	\$12,938,953	\$ -	\$12,938,953	\$ -	\$12,938,953



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$48,878,678	\$46,303,615	\$46,303,615
2	Adjustments required to arrive at taxable utility income	(\$27,020,690)	(\$25,419,690)	(\$27,020,690)
3	Taxable income	<u>\$21,857,988</u>	<u>\$20,883,925</u>	<u>\$19,282,925</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$4,639,174</u>	<u>\$4,381,047</u>	<u>\$4,381,047</u>
6	Total taxes	<u>\$4,639,174</u>	<u>\$4,381,047</u>	<u>\$4,381,047</u>
7	Gross-up of Income Taxes	<u>\$1,672,627</u>	<u>\$1,579,561</u>	<u>\$1,579,561</u>
8	Grossed-up Income Taxes	<u>\$6,311,801</u>	<u>\$5,960,608</u>	<u>\$5,960,608</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$6,311,801</u>	<u>\$5,960,608</u>	<u>\$5,960,608</u>
10	Other tax Credits	(\$1,153,193)	(\$1,153,193)	(\$1,153,193)
<u>Tax Rates</u>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%
13	Total tax rate (%)	<u>26.50%</u>	<u>26.50%</u>	<u>26.50%</u>

Notes



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
		Initial Application			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$735,808,058	4.03%	\$29,639,946
2	Short-term Debt	4.00%	\$52,557,718	3.00%	\$1,576,732
3	Total Debt	60.00%	\$788,365,776	3.96%	\$31,216,677
	Equity				
4	Common Equity	40.00%	\$525,577,184	9.30%	\$48,878,678
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$525,577,184	9.30%	\$48,878,678
7	Total	100.00%	\$1,313,942,960	6.10%	\$80,095,356
		Interrogatory Responses			
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$697,043,660	4.03%	\$28,078,432
2	Short-term Debt	4.00%	\$49,788,833	3.00%	\$1,493,665
3	Total Debt	60.00%	\$746,832,492	3.96%	\$29,572,097
	Equity				
4	Common Equity	40.00%	\$497,888,328	9.30%	\$46,303,615
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$497,888,328	9.30%	\$46,303,615
7	Total	100.00%	\$1,244,720,821	6.10%	\$75,875,711
		Per Board Decision			
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$697,043,660	4.03%	\$28,078,432
9	Short-term Debt	4.00%	\$49,788,833	3.00%	\$1,493,665
10	Total Debt	60.00%	\$746,832,492	3.96%	\$29,572,097
	Equity				
11	Common Equity	40.00%	\$497,888,328	9.30%	\$46,303,615
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$497,888,328	9.30%	\$46,303,615
14	Total	100.00%	\$1,244,720,821	6.10%	\$75,875,711

Notes

(1)

Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$67,086,026		\$67,664,670		\$67,664,670
2	Distribution Revenue	\$165,283,011	\$165,283,011	\$164,347,366	\$164,347,366	\$164,347,366	\$164,347,366
3	Other Operating Revenue	\$12,938,953	\$12,938,953	\$12,938,953	\$12,938,953	\$12,938,953	\$12,938,953
	Offsets - net						
4	Total Revenue	<u>\$178,221,964</u>	<u>\$245,307,990</u>	<u>\$177,286,319</u>	<u>\$244,950,989</u>	<u>\$177,286,319</u>	<u>\$244,950,989</u>
5	Operating Expenses	\$158,900,834	\$158,900,834	\$163,114,670	\$163,114,670	\$163,114,670	\$163,114,670
6	Deemed Interest Expense	\$31,216,677	\$31,216,677	\$29,572,097	\$29,572,097	\$29,572,097	\$29,572,097
8	Total Cost and Expenses	<u>\$190,117,511</u>	<u>\$190,117,511</u>	<u>\$192,686,767</u>	<u>\$192,686,767</u>	<u>\$192,686,767</u>	<u>\$192,686,767</u>
9	Utility Income Before Income Taxes	<u>(\$11,895,547)</u>	\$55,190,479	<u>(\$15,400,447)</u>	\$52,264,223	<u>(\$15,400,447)</u>	\$52,264,223
10	Tax Adjustments to Accounting Income per 2013 PILs model	<u>(\$27,020,690)</u>	<u>(\$27,020,690)</u>	<u>(\$25,419,690)</u>	<u>(\$25,419,690)</u>	<u>(\$25,419,690)</u>	<u>(\$25,419,690)</u>
11	Taxable Income	<u>(\$38,916,236)</u>	\$28,169,789	<u>(\$40,820,137)</u>	\$26,844,533	<u>(\$40,820,137)</u>	\$26,844,533
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	<u>(\$10,312,803)</u>	\$7,464,994	<u>(\$10,817,336)</u>	\$7,113,801	<u>(\$10,817,336)</u>	\$7,113,801
14	Income Tax Credits	<u>(\$1,153,193)</u>	<u>(\$1,153,193)</u>	<u>(\$1,153,193)</u>	<u>(\$1,153,193)</u>	<u>(\$1,153,193)</u>	<u>(\$1,153,193)</u>
15	Utility Net Income	<u>(\$429,551)</u>	<u>\$48,878,678</u>	<u>(\$3,429,918)</u>	<u>\$46,303,615</u>	<u>(\$3,429,918)</u>	<u>\$46,303,615</u>
16	Utility Rate Base	\$1,313,942,960	\$1,313,942,960	\$1,244,720,821	\$1,244,720,821	\$1,244,720,821	\$1,244,720,821
17	Deemed Equity Portion of Rate Base	\$525,577,184	\$525,577,184	\$497,888,328	\$497,888,328	\$497,888,328	\$497,888,328
18	Income/(Equity Portion of Rate Base)	-0.08%	9.30%	-0.69%	9.30%	-0.69%	9.30%
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
20	Deficiency/Sufficiency in Return on Equity	-9.38%	0.00%	-9.99%	0.00%	-9.99%	0.00%
21	Indicated Rate of Return	2.34%	6.10%	2.10%	6.10%	2.10%	6.10%
22	Requested Rate of Return on Rate Base	6.10%	6.10%	6.10%	6.10%	6.10%	6.10%
23	Deficiency/Sufficiency in Rate of Return	-3.75%	0.00%	-4.00%	0.00%	-4.00%	0.00%
24	Target Return on Equity	\$48,878,678	\$48,878,678	\$46,303,615	\$46,303,615	\$46,303,615	\$46,303,615
25	Revenue Deficiency/(Sufficiency)	\$49,308,229	\$ -	\$49,733,533	\$ -	\$49,733,533	\$ -
26	Gross Revenue Deficiency/(Sufficiency)	\$67,086,026 (1)		\$67,664,670 (1)		\$67,664,670 (1)	

Notes:

(1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$100,545,323	\$104,459,159	\$104,459,159
2	Amortization/Depreciation	\$56,706,212	\$57,006,212	\$57,006,212
3	Property Taxes	\$1,649,298	\$1,649,298	\$1,649,298
5	Income Taxes (Grossed up)	\$6,311,801	\$5,960,608	\$5,960,608
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$31,216,677	\$29,572,097	\$29,572,097
	Return on Deemed Equity	\$48,878,678	\$46,303,615	\$46,303,615
8	Service Revenue Requirement (before Revenues)	<u>\$245,307,990</u>	<u>\$244,950,989</u>	<u>\$244,950,989</u>
9	Revenue Offsets	\$12,938,953	\$12,938,953	\$ -
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$232,369,037</u>	<u>\$232,012,036</u>	<u>\$244,950,989</u>
11	Distribution revenue	\$232,369,037	\$232,012,036	\$232,012,036
12	Other revenue	\$12,938,953	\$12,938,953	\$12,938,953
13	Total revenue	<u>\$245,307,990</u>	<u>\$244,950,989</u>	<u>\$244,950,989</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ - (1)</u>	<u>\$ - (1)</u>	<u>\$ - (1)</u>

Notes

(1) Line 11 - Line 8



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers



Version 5.00

Utility Name	PowerStream Inc.
Service Territory	York Region and Simcoe County
Assigned EB Number	EB-2015-0003
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	(905) 532-4640
Email Address	tom.barrett@powerstream.ca

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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

Revenue Requirement Workform (RRWF) for 2015 Filers

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[3. Data Input Sheet](#)

[4. Rate Base](#)

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[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

[9. Rev Req](#)

[10. Tracking Sheet](#)

Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel**



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$1,639,006,792		\$3,000,000	#####			\$1,642,006,792
Accumulated Depreciation (average)	(\$423,830,650)	(5)	(\$1,200,000)	(\$425,030,650)			(\$425,030,650)
Allowance for Working Capital:							
Controllable Expenses	\$104,193,445		\$4,034,899	\$ 108,228,344			\$108,228,344
Cost of Power	\$1,203,134,336		(\$8,494,001)	#####			\$1,194,640,335
Working Capital Rate (%)	13.00%	(9)		7.50%	(9)		7.50% (9)
2 Utility Income							
Operating Revenues:							
Distribution Revenue at Current Rates	\$166,318,900		(\$617,090)	\$165,701,810			
Distribution Revenue at Proposed Rates	\$241,969,237		(\$326,683)	\$241,642,555			
Other Revenue:							
Specific Service Charges	\$3,476,285		\$0	\$3,476,285			
Late Payment Charges	\$2,058,572		\$0	\$2,058,572			
Other Distribution Revenue	\$2,095,056		\$0	\$2,095,056			
Other Income and Deductions	\$5,439,173		\$0	\$5,439,173			
Total Revenue Offsets	\$13,069,086	(7)	\$0	\$13,069,086			
Operating Expenses:							
OM+A Expenses	\$102,519,799		\$4,034,899	\$ 106,554,698			\$106,554,698
Depreciation/Amortization	\$59,844,283		\$300,000	\$ 60,144,283			\$60,144,283
Property taxes	\$1,673,646		\$ -	\$ 1,673,646			\$1,673,646
Other expenses							
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$28,922,541)	(3)		(\$27,322,541)			
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	\$4,825,933			\$4,555,560			
Income taxes (grossed up)	\$6,565,895			\$6,198,041			
Federal tax (%)	15.00%			15.00%			
Provincial tax (%)	11.50%			11.50%			
Income Tax Credits	(\$1,164,193)			(\$1,164,193)			
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		(8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			
Cost of Capital							
Long-term debt Cost Rate (%)	4.03%			4.03%			
Short-term debt Cost Rate (%)	3.00%			3.00%			
Common Equity Cost Rate (%)	9.30%			9.30%			
Preferred Shares Cost Rate (%)							

Notes:

- General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
- (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
- (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
- (8) 4.0% unless an Applicant has proposed or been approved for another amount.
- (9) Starting with 2013, default Working Capital Allowance factor is 13% (of Cost of Power plus controllable expenses). Alternatively, WCA factor based on lead-lag study or approved WCA factor for another distributor, with supporting rationale.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Rate Base and Working Capital

Line No.	Particulars		Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$1,639,006,792	\$3,000,000	\$1,642,006,792	\$ -	\$1,642,006,792
2	Accumulated Depreciation (average)	(3)	(\$423,830,650)	(\$1,200,000)	(\$425,030,650)	\$ -	(\$425,030,650)
3	Net Fixed Assets (average)	(3)	\$1,215,176,141	\$1,800,000	\$1,216,976,141	\$ -	\$1,216,976,141
4	Allowance for Working Capital	(1)	\$169,952,612	(\$72,237,461)	\$97,715,151	\$ -	\$97,715,151
5	Total Rate Base		\$1,385,128,753	(\$70,437,461)	\$1,314,691,292	\$ -	\$1,314,691,292

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$104,193,445	\$4,034,899	\$108,228,344	\$ -	\$108,228,344
7	Cost of Power		\$1,203,134,336	(\$8,494,001)	\$1,194,640,335	\$ -	\$1,194,640,335
8	Working Capital Base		\$1,307,327,781	(\$4,459,102)	\$1,302,868,679	\$ -	\$1,302,868,679
9	Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
10	Working Capital Allowance		\$169,952,612	(\$72,237,461)	\$97,715,151	\$ -	\$97,715,151

Notes

- (2) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2014 cost of service applications is 13%.
 (3) Average of opening and closing balances for the year.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	Operating Revenues:					
1	Distribution Revenue (at Proposed Rates)	\$241,969,237	(\$326,683)	\$241,642,555	\$ -	\$241,642,555
2	Other Revenue (1)	\$13,069,086	\$ -	\$13,069,086	\$ -	\$13,069,086
3	Total Operating Revenues	\$255,038,323	(\$326,683)	\$254,711,640	\$ -	\$254,711,640
	Operating Expenses:					
4	OM+A Expenses	\$102,519,799	\$4,034,899	\$106,554,698	\$ -	\$106,554,698
5	Depreciation/Amortization	\$59,844,283	\$300,000	\$60,144,283	\$ -	\$60,144,283
6	Property taxes	\$1,673,646	\$ -	\$1,673,646	\$ -	\$1,673,646
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$164,037,728	\$4,334,899	\$168,372,627	\$ -	\$168,372,627
10	Deemed Interest Expense	\$32,907,911	(\$1,673,454)	\$31,234,456	\$ -	\$31,234,456
11	Total Expenses (lines 9 to 10)	\$196,945,638	\$2,661,445	\$199,607,083	\$ -	\$199,607,083
12	Utility income before income taxes	\$58,092,685	(\$2,988,127)	\$55,104,557	\$ -	\$55,104,557
13	Income taxes (grossed-up)	\$6,565,895	(\$367,854)	\$6,198,041	\$ -	\$6,198,041
14	Utility net income	\$51,526,790	(\$2,620,274)	\$48,906,516	\$ -	\$48,906,516

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$3,476,285	\$ -	\$3,476,285		\$3,476,285
	Late Payment Charges	\$2,058,572	\$ -	\$2,058,572		\$2,058,572
	Other Distribution Revenue	\$2,095,056	\$ -	\$2,095,056		\$2,095,056
	Other Income and Deductions	\$5,439,173	\$ -	\$5,439,173		\$5,439,173
	Total Revenue Offsets	\$13,069,086	\$ -	\$13,069,086	\$ -	\$13,069,086



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$51,526,790	\$48,906,516	\$48,906,516
2	Adjustments required to arrive at taxable utility income	(\$28,922,541)	(\$27,322,541)	(\$28,922,541)
3	Taxable income	<u>\$22,604,248</u>	<u>\$21,583,975</u>	<u>\$19,983,975</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$4,825,933</u>	<u>\$4,555,560</u>	<u>\$4,555,560</u>
6	Total taxes	<u>\$4,825,933</u>	<u>\$4,555,560</u>	<u>\$4,555,560</u>
7	Gross-up of Income Taxes	<u>\$1,739,962</u>	<u>\$1,642,481</u>	<u>\$1,642,481</u>
8	Grossed-up Income Taxes	<u>\$6,565,895</u>	<u>\$6,198,041</u>	<u>\$6,198,041</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$6,565,895</u>	<u>\$6,198,041</u>	<u>\$6,198,041</u>
10	Other tax Credits	(\$1,164,193)	(\$1,164,193)	(\$1,164,193)
<u>Tax Rates</u>				
11	Federal tax (%)	15.00%	15.00%	15.00%
12	Provincial tax (%)	11.50%	11.50%	11.50%
13	Total tax rate (%)	<u>26.50%</u>	<u>26.50%</u>	<u>26.50%</u>

Notes



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
Initial Application					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$775,672,101	4.03%	\$31,245,756
2	Short-term Debt	4.00%	\$55,405,150	3.00%	\$1,662,155
3	Total Debt	60.00%	\$831,077,252	3.96%	\$32,907,911
Equity					
4	Common Equity	40.00%	\$554,051,501	9.30%	\$51,526,790
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$554,051,501	9.30%	\$51,526,790
7	Total	100.00%	\$1,385,128,753	6.10%	\$84,434,700
Interrogatory Responses					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$736,227,124	4.03%	\$29,656,827
2	Short-term Debt	4.00%	\$52,587,652	3.00%	\$1,577,630
3	Total Debt	60.00%	\$788,814,775	3.96%	\$31,234,456
Equity					
4	Common Equity	40.00%	\$525,876,517	9.30%	\$48,906,516
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$525,876,517	9.30%	\$48,906,516
7	Total	100.00%	\$1,314,691,292	6.10%	\$80,140,972
Per Board Decision					
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$736,227,124	4.03%	\$29,656,827
9	Short-term Debt	4.00%	\$52,587,652	3.00%	\$1,577,630
10	Total Debt	60.00%	\$788,814,775	3.96%	\$31,234,456
Equity					
11	Common Equity	40.00%	\$525,876,517	9.30%	\$48,906,516
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$525,876,517	9.30%	\$48,906,516
14	Total	100.00%	\$1,314,691,292	6.10%	\$80,140,972

Notes

(1)

Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$75,650,338		\$75,940,745		\$75,940,745
2	Distribution Revenue	\$166,318,900	\$166,318,900	\$165,701,810	\$165,701,810	\$165,701,810	\$165,701,810
3	Other Operating Revenue	\$13,069,086	\$13,069,086	\$13,069,086	\$13,069,086	\$13,069,086	\$13,069,086
	Offsets - net						
4	Total Revenue	<u>\$179,387,985</u>	<u>\$255,038,323</u>	<u>\$178,770,895</u>	<u>\$254,711,640</u>	<u>\$178,770,895</u>	<u>\$254,711,640</u>
5	Operating Expenses	\$164,037,728	\$164,037,728	\$168,372,627	\$168,372,627	\$168,372,627	\$168,372,627
6	Deemed Interest Expense	\$32,907,911	\$32,907,911	\$31,234,456	\$31,234,456	\$31,234,456	\$31,234,456
8	Total Cost and Expenses	<u>\$196,945,638</u>	<u>\$196,945,638</u>	<u>\$199,607,083</u>	<u>\$199,607,083</u>	<u>\$199,607,083</u>	<u>\$199,607,083</u>
9	Utility Income Before Income Taxes	<u>(\$17,557,653)</u>	\$58,092,685	<u>(\$20,836,188)</u>	\$55,104,557	<u>(\$20,836,188)</u>	\$55,104,557
10	Tax Adjustments to Accounting Income per 2013 PILs model	<u>(\$28,922,541)</u>	<u>(\$28,922,541)</u>	<u>(\$27,322,541)</u>	<u>(\$27,322,541)</u>	<u>(\$27,322,541)</u>	<u>(\$27,322,541)</u>
11	Taxable Income	<u>(\$46,480,194)</u>	\$29,170,143	<u>(\$48,158,729)</u>	\$27,782,016	<u>(\$48,158,729)</u>	\$27,782,016
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	<u>(\$12,317,252)</u>	\$7,730,088	<u>(\$12,762,063)</u>	\$7,362,234	<u>(\$12,762,063)</u>	\$7,362,234
14	Income Tax Credits	<u>(\$1,164,193)</u>	<u>(\$1,164,193)</u>	<u>(\$1,164,193)</u>	<u>(\$1,164,193)</u>	<u>(\$1,164,193)</u>	<u>(\$1,164,193)</u>
15	Utility Net Income	<u>(\$4,076,209)</u>	<u>\$51,526,790</u>	<u>(\$6,909,932)</u>	<u>\$48,906,516</u>	<u>(\$6,909,932)</u>	<u>\$48,906,516</u>
16	Utility Rate Base	\$1,385,128,753	\$1,385,128,753	\$1,314,691,292	\$1,314,691,292	\$1,314,691,292	\$1,314,691,292
17	Deemed Equity Portion of Rate Base	\$554,051,501	\$554,051,501	\$525,876,517	\$525,876,517	\$525,876,517	\$525,876,517
18	Income/(Equity Portion of Rate Base)	-0.74%	9.30%	-1.31%	9.30%	-1.31%	9.30%
19	Target Return - Equity on Rate Base	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
20	Deficiency/Sufficiency in Return on Equity	-10.04%	0.00%	-10.61%	0.00%	-10.61%	0.00%
21	Indicated Rate of Return	2.08%	6.10%	1.85%	6.10%	1.85%	6.10%
22	Requested Rate of Return on Rate Base	6.10%	6.10%	6.10%	6.10%	6.10%	6.10%
23	Deficiency/Sufficiency in Rate of Return	-4.01%	0.00%	-4.25%	0.00%	-4.25%	0.00%
24	Target Return on Equity	\$51,526,790	\$51,526,790	\$48,906,516	\$48,906,516	\$48,906,516	\$48,906,516
25	Revenue Deficiency/(Sufficiency)	\$55,602,998	\$ -	\$55,816,448	(\$0)	\$55,816,448	(\$0)
26	Gross Revenue Deficiency/(Sufficiency)	\$75,650,338 (1)		\$75,940,745 (1)		\$75,940,745 (1)	

Notes:

(1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2015 Filers

Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$102,519,799	\$106,554,698	\$106,554,698
2	Amortization/Depreciation	\$59,844,283	\$60,144,283	\$60,144,283
3	Property Taxes	\$1,673,646	\$1,673,646	\$1,673,646
5	Income Taxes (Grossed up)	\$6,565,895	\$6,198,041	\$6,198,041
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$32,907,911	\$31,234,456	\$31,234,456
	Return on Deemed Equity	\$51,526,790	\$48,906,516	\$48,906,516
8	Service Revenue Requirement (before Revenues)	<u>\$255,038,323</u>	<u>\$254,711,640</u>	<u>\$254,711,640</u>
9	Revenue Offsets	\$13,069,086	\$13,069,086	\$ -
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$241,969,237</u>	<u>\$241,642,555</u>	<u>\$254,711,640</u>
11	Distribution revenue	\$241,969,237	\$241,642,555	\$241,642,555
12	Other revenue	\$13,069,086	\$13,069,086	\$13,069,086
13	Total revenue	<u>\$255,038,323</u>	<u>\$254,711,640</u>	<u>\$254,711,640</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ - (1)</u>	<u>\$ - (1)</u>	<u>\$ - (1)</u>

Notes

(1) Line 11 - Line 8



York Region

1380
5520

File Number: EE-2015-0003
Exhibit:
Tab:
Schedule:
Page:
Date:

Appendix 2-W
Bill Impacts - Residential

Customer Class: RESIDENTIAL

TOU / non-TOU: TOU

Consumption 800

	Charge Unit	Volume	2015 Current Board-Approved			2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
			Rate (\$)	Charge (\$)		Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 12.67	\$ 12.67		\$ 14.65	\$ 14.65	\$ 1.98	15.6%	\$ 19.53	\$ 19.53	\$ 4.88	33.3%	\$ 23.54	\$ 23.54	\$ 4.01	20.5%	\$ 27.53	\$ 27.53	\$ 3.99	16.9%	\$ 31.44	\$ 31.44	\$ 3.91	14.2%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -		\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.20	\$ 0.20		\$ 0.20	\$ 0.20	\$ -	0.0%	\$ -	\$ -	\$ (0.20)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	Monthly	1	\$ 0.07	\$ 0.07		\$ -	\$ -	\$ (0.07)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	1	\$ -	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	1	\$ -	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Distribution Volumetric Rate	per kWh	800	\$ 0.0140	\$ 11.20		\$ 0.0162	\$ 12.96	\$ 1.76	15.7%	\$ 0.0136	\$ 10.88	\$ (2.08)	-16.0%	\$ 0.0095	\$ 7.60	\$ (3.28)	-30.1%	\$ 0.0049	\$ 3.92	\$ (3.68)	-48.4%	\$ -	\$ -	\$ (3.92)	-100.0%
Smart Meter Disposition Rider	per kWh	800	\$ -	\$ -		\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
LRAM & SSM Rate Rider	per kWh	800	\$ -	\$ -		\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	per kWh	800	\$ 0.0001	\$ 0.08		\$ -	\$ -	\$ (0.08)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kWh	800	\$ 0.0001	\$ 0.08		\$ -	\$ -	\$ (0.08)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	800	\$ -	\$ -		\$ 0.0001	\$ (0.08)	\$ (0.08)	-	\$ -	\$ -	\$ 0.08	-100.0%	\$ -	\$ -	\$ 0.08	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of Stranded Meter Assets (2016)	per kWh	800	\$ -	\$ -		\$ 0.0001	\$ 0.08	\$ 0.08	-	\$ -	\$ -	\$ (0.08)	-100.0%	\$ -	\$ -	\$ (0.08)	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Account 1575	per kWh	800	\$ -	\$ -		\$ 0.0005	\$ (0.40)	\$ (0.40)	-	\$ -	\$ -	\$ 0.40	-100.0%	\$ -	\$ -	\$ 0.40	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	800	\$ -	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	800	\$ -	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total A (excluding pass through)		800	\$ -	\$ 24.30		\$ -	\$ 27.41	\$ 3.11	12.8%	\$ -	\$ 30.41	\$ 3.00	10.9%	\$ -	\$ 31.14	\$ 0.73	2.4%	\$ -	\$ 31.45	\$ 0.31	1.0%	\$ -	\$ 31.44	\$ (0.01)	0.0%
Deferral/Variance Account Disposition Rate Rider (2014)	per kWh	800	\$ -0.0006	\$ (0.48)		\$ -	\$ -	\$ 0.48	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts (2016)	per kWh	800	\$ -	\$ -		\$ 0.0002	\$ 0.16	\$ 0.16	-	\$ 0.0002	\$ 0.16	\$ -	0.0%	\$ -	\$ -	\$ (0.16)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	800	\$ -	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	800	\$ -	\$ -			\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kWh	800	\$ 0.0003	\$ 0.24		\$ 0.0005	\$ 0.40	\$ 0.16	66.7%	\$ 0.0005	\$ 0.40	\$ -	0.0%	\$ 0.0005	\$ 0.40	\$ -	0.0%	\$ 0.0005	\$ 0.40	\$ -	0.0%	\$ 0.0005	\$ 0.40	\$ -	0.0%
Line Losses on Cost of Power		27.60	\$ 0.1021	\$ 2.82	29.52	\$ 0.1021	\$ 3.02	\$ 0.20	7.0%	\$ 0.1021	\$ 3.02	\$ -	0.0%	\$ 0.1021	\$ 3.02	\$ -	0.0%	\$ 0.1021	\$ 3.02	\$ -	0.0%	\$ 0.1021	\$ 3.02	\$ -	0.0%
Smart Meter Entity Charge	Monthly	1	\$ 0.79	\$ 0.79		\$ 0.79	\$ 0.79	\$ -	-	\$ 0.79	\$ 0.79	\$ -	0.0%	\$ 0.79	\$ 0.79	\$ -	0.0%	\$ -	\$ -	\$ (0.79)	-100.0%	\$ -	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ -	\$ 27.67		\$ -	\$ 31.78	\$ 4.11	14.8%	\$ -	\$ 34.78	\$ 3.00	9.4%	\$ -	\$ 35.35	\$ 0.57	1.6%	\$ -	\$ 34.87	\$ (0.48)	-1.4%	\$ -	\$ 34.86	\$ (0.01)	0.0%
RTSR - Network	per kWh	828	\$ 0.0080	\$ 6.62	830	\$ 0.0080	\$ 6.64	\$ 0.02	0.2%	\$ 0.0082	\$ 6.80	\$ 0.17	2.5%	\$ 0.0083	\$ 6.89	\$ 0.08	1.2%	\$ 0.0085	\$ 7.05	\$ 0.17	2.4%	\$ 0.0086	\$ 7.13	\$ 0.08	1.2%
RTSR - Line and Transformation Connection	per kWh	828	\$ 0.0035	\$ 2.90	830	\$ 0.0037	\$ 3.07	\$ 0.17	6.0%	\$ 0.0038	\$ 3.15	\$ 0.08	2.7%	\$ 0.0039	\$ 3.24	\$ 0.08	2.6%	\$ 0.0040	\$ 3.32	\$ 0.08	2.6%	\$ 0.0041	\$ 3.40	\$ 0.08	2.5%
Sub-Total C - Delivery (including Sub-Total B)			\$ -	\$ 37.19		\$ -	\$ 41.48	\$ 4.29	11.5%	\$ -	\$ 44.73	\$ 3.25	7.8%	\$ -	\$ 45.47	\$ 0.74	1.6%	\$ -	\$ 45.23	\$ (0.23)	-0.5%	\$ -	\$ 45.39	\$ 0.16	0.3%
Wholesale Market Service Charge (WMSC)	per kWh	828	\$ 0.0044	\$ 3.64	830	\$ 0.0044	\$ 3.65	\$ 0.01	0.2%	\$ 0.0044	\$ 3.65	\$ -	0.0%	\$ 0.0044	\$ 3.65	\$ -	0.0%	\$ 0.0044	\$ 3.65	\$ -	0.0%	\$ 0.0044	\$ 3.65	\$ -	0.0%
Rural and Remote Rate Protection (RRRP)	per kWh	828	\$ 0.0013	\$ 1.08	830	\$ 0.0013	\$ 1.08	\$ 0.00	0.2%	\$ 0.0013	\$ 1.08	\$ -	0.0%	\$ 0.0013	\$ 1.08	\$ -	0.0%	\$ 0.0013	\$ 1.08	\$ -	0.0%	\$ 0.0013	\$ 1.08	\$ -	0.0%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25		\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	800	\$ 0.0070	\$ 5.60		\$ -	\$ -	\$ (5.60)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
TOU - Off Peak	per kWh	512	\$ 0.0800	\$ 40.96		\$ 0.0800	\$ 40.96	\$ -	0.0%	\$ 0.0800	\$ 40.96	\$ -	0.0%	\$ 0.0800	\$ 40.96	\$ -	0.0%	\$ 0.0800	\$ 40.96	\$ -	0.0%	\$ 0.0800	\$ 40.96	\$ -	0.0%
TOU - Mid Peak	per kWh	144	\$ 0.1220	\$ 17.57		\$ 0.1220	\$ 17.57	\$ -	0.0%	\$ 0.1220	\$ 17.57	\$ -	0.0%	\$ 0.1220	\$ 17.57	\$ -	0.0%	\$ 0.1220	\$ 17.57	\$ -	0.0%	\$ 0.1220	\$ 17.57	\$ -	0.0%
TOU - On Peak	per kWh	144	\$ 0.1610	\$ 23.18		\$ 0.1610	\$ 23.18	\$ -	0.0%	\$ 0.1610	\$ 23.18	\$ -	0.0%	\$ 0.1610	\$ 23.18	\$ -	0.0%	\$ 0.1610	\$ 23.18	\$ -	0.0%	\$ 0.1610	\$ 23.18	\$ -	0.0%
Energy - RPP - Tier 1	per kWh	800	\$ 0.0940	\$ 75.20		\$ 0.0940	\$ 75.20	\$ -	0.0%	\$ 0.0940	\$ 75.20	\$ -	0.0%	\$ 0.0940	\$ 75.20	\$ -	0.0%	\$ 0.0940	\$ 75.20	\$ -	0.0%	\$ 0.0940	\$ 75.20	\$ -	0.0%
Energy - RPP - Tier 2	per kWh	0	\$ 0.1100	\$ -		\$ 0.1100	\$ -	\$ -	-	\$ 0.1100	\$ -	\$ -	-	\$ 0.1100	\$ -	\$ -	-	\$ 0.1100	\$ -	\$ -	-	\$ 0.1100	\$ -	\$ -	-
Total Bill on TOU (before Taxes)			\$ -	\$ 129.47		\$ -	\$ 128.17	\$ (1.29)	-1.0%	\$ -	\$ 131.42	\$ 3.25	2.5%	\$ -	\$ 132.16	\$ 0.74	0.6%	\$ -	\$ 131.92	\$ (0.23)	-0.2%	\$ -	\$ 132.08	\$ 0.16	0.1%
HST			13%	\$ 16.83		13%	\$ 16.66	\$ (0.17)	-1.0%	13%	\$ 17.08	\$ 0.42	2.5%	13%	\$ 17.18	\$ 0.10	0.6%	13%	\$ 17.15	\$ (0.03)	-0.2%	13%	\$ 17.17	\$ 0.02	0.1%
Total Bill (including HST)			\$ -	\$ 146.30		\$ -	\$ 144.83	\$ (1.46)	-1.0%	\$ -	\$ 148.50	\$ 3.67	2.5%	\$ -	\$ 149.34	\$ 0.83	0.6%	\$ -	\$ 149.07	\$ (0.26)	-0.2%	\$ -	\$ 149.25	\$ 0.18	0.1%
Ontario Clean Energy Benefit ¹			10%	\$ -14.63		\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Total Bill on TOU (including OCEB)			\$ -	\$ 131.67		\$ -	\$ 144.83	\$ 13.17	10.0%	\$ -	\$ 148.50	\$ 3.67	2.5%	\$ -	\$ 149.34	\$ 0.83	0.6%	\$ -	\$ 149.07	\$ (0.26)	-0.2%	\$ -	\$ 149.25	\$ 0.18	0.1%
Total Bill on RPP (before Taxes)			\$ -	\$ 122.95		\$ -	\$ 121.66	\$ (1.29)	-1.1%	\$ -	\$ 124.91	\$ 3.25	2.7%	\$ -	\$ 125.64	\$ 0.74	0.6%	\$ -	\$ 125.41	\$ (0.23)	-0.2%	\$ -	\$ 125.57	\$ 0.16	0.1%
HST			13%	\$ 15.98		13%	\$ 15.82	\$ (0.17)	-1.1%	13%	\$ 16.24	\$ 0.42	2.7%	13%	\$ 16.33	\$ 0.10	0.6%	13%	\$ 16.30	\$ (0.03)	-0.2%	13%	\$ 16.32	\$ 0.02	0.1%
Total Bill (including HST)			\$ -	\$ 138.94		\$ -	\$ 137.47	\$ (1.46)	-1.1%	\$ -	\$ 141.15	\$ 3.67	2.7%	\$ -	\$ 141.98	\$ 0.83	0.6%	\$ -	\$ 141.72	\$ (0.26)	-0.2%	\$ -	\$ 141.89	\$ 0.18	0.1%
Ontario Clean Energy Benefit ¹			10%	\$ -13.89		\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Total Bill on RPP (including OCEB)			\$ -	\$ 125.04		\$ -	\$ 137.47	\$ 12.43	9.9%	\$ -	\$ 141.15	\$ 3.67	2.7%	\$ -	\$ 141.98	\$ 0.83	0.6%	\$ -	\$ 141.72	\$ (0.26)	-0.2%	\$ -	\$ 141.89	\$ 0.18	0.1%

Loss Factor (%) 3.45%

3.69%

3.69%

3.69%

3.69%

3.69%

York Region



File Number: 0.00%
Exhibit:
Tab:
Schedule:
Page:
Date:

Appendix 2-W
Bill Impacts - GS<50

Customer Class: GS<50

TOU / non-TOU: TOU

Consumption 2,000

	Charge Unit	Volume	2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 26.08	\$ 26.08	\$ 30.25	\$ 30.25	\$ 4.17	16.0%	\$ 30.26	\$ 30.26	\$ 0.01	0.0%	\$ 30.26	\$ 30.26	\$ 0.00	0.0%	\$ 30.42	\$ 30.42	\$ 0.15	0.5%	\$ 30.64	\$ 30.64	\$ 0.22	0.7%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ -	0.0%	\$ -	\$ -	\$ (0.55)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	Monthly	1	\$ 0.14	\$ 0.14	\$ -	\$ -	\$ (0.14)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Distribution Volumetric Rate	per kWh	2,000	\$ 0.0139	\$ 27.80	\$ 0.0161	\$ 32.20	\$ 4.40	15.8%	\$ 0.0193	\$ 38.60	\$ 6.40	19.9%	\$ 0.0208	\$ 41.60	\$ 3.00	7.8%	\$ 0.0221	\$ 44.20	\$ 2.60	6.3%	\$ 0.0232	\$ 46.40	\$ 2.20	5.0%
Smart Meter Disposition Rider	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
LRAM & SSM Rate Rider	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	per kWh	2,000	\$ 0.0001	\$ 0.20	\$ -	\$ -	\$ (0.20)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kWh	2,000	\$ 0.0004	\$ 0.80	\$ -	\$ -	\$ (0.80)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0001	\$ 0.20	\$ 0.20	-	\$ -	\$ -	\$ (0.20)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Account 1575	per kWh	2,000	\$ -	\$ -	\$ 0.0003	\$ (0.60)	\$ (0.60)	-	\$ -	\$ -	\$ 0.60	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of Stranded Meter Assets (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0002	\$ 0.40	\$ 0.40	-	\$ -	\$ -	\$ (0.40)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total A (excluding pass through)				\$ 55.57		\$ 63.00	\$ 7.43	13.4%		\$ 68.86	\$ 5.86	9.3%		\$ 71.86	\$ 3.00	4.4%		\$ 74.62	\$ 2.75	3.8%		\$ 77.04	\$ 2.42	3.2%
Deferral/Variance Account Disposition Rate Rider (2014)	per kWh	2,000	\$ 0.0006	\$ (1.20)	\$ -	\$ -	\$ 1.20	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0002	\$ 0.40	\$ 0.40	-	\$ 0.0002	\$ 0.40	\$ -	0.0%	\$ -	\$ -	\$ (0.40)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kWh	2,000	\$ 0.0003	\$ 0.60	\$ 0.0004	\$ 0.80	\$ 0.20	33.3%	\$ 0.0004	\$ 0.80	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ -	0.0%
Line Losses on Cost of Power		69.00	\$ 0.1021	\$ 7.05	\$ 0.1021	\$ 7.54	\$ 0.49	7.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%
Smart Meter Entity Charge	Monthly	1	\$ 0.7900	\$ 0.79	\$ 0.7900	\$ 0.79	\$ -	-	\$ 0.7900	\$ 0.79	\$ -	0.0%	\$ 0.7900	\$ 0.79	\$ -	0.0%	\$ -	\$ -	\$ (0.79)	-100.0%	\$ -	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)				\$ 62.81		\$ 72.53	\$ 9.72	15.5%		\$ 78.39	\$ 5.86	8.1%		\$ 80.99	\$ 2.60	3.3%		\$ 82.96	\$ 1.96	2.4%		\$ 85.38	\$ 2.42	2.9%
RTSR - Network	per kWh	2,069	\$ 0.0072	\$ 14.90	\$ 0.0072	\$ 14.93	\$ 0.03	0.2%	\$ 0.0073	\$ 15.14	\$ 0.21	1.4%	\$ 0.0074	\$ 15.35	\$ 0.21	1.4%	\$ 0.0076	\$ 15.76	\$ 0.41	2.7%	\$ 0.0077	\$ 15.97	\$ 0.21	1.3%
RTSR - Line and Transformation Connection	per kWh	2,069	\$ 0.0030	\$ 6.21	\$ 0.0032	\$ 6.64	\$ 0.43	6.9%	\$ 0.0033	\$ 6.84	\$ 0.21	3.1%	\$ 0.0033	\$ 6.84	\$ -	0.0%	\$ 0.0034	\$ 7.05	\$ 0.21	3.0%	\$ 0.0035	\$ 7.26	\$ 0.21	2.9%
Sub-Total C - Delivery (including Sub-Total B)				\$ 83.91		\$ 94.10	\$ 10.18	12.1%		\$ 100.37	\$ 6.27	6.7%		\$ 103.18	\$ 2.81	2.8%		\$ 105.77	\$ 2.59	2.5%		\$ 108.60	\$ 2.84	2.7%
Wholesale Market Service Charge (WMSC)	per kWh	2,069	\$ 0.0044	\$ 9.10	\$ 0.0044	\$ 9.12	\$ 0.02	0.2%	\$ 0.0044	\$ 9.12	\$ -	0.0%	\$ 0.0044	\$ 9.12	\$ -	0.0%	\$ 0.0044	\$ 9.12	\$ -	0.0%	\$ 0.0044	\$ 9.12	\$ -	0.0%
Rural and Remote Rate Protection (RRRP)	per kWh	2,069	\$ 0.0013	\$ 2.69	\$ 0.0013	\$ 2.70	\$ 0.01	0.2%	\$ 0.0013	\$ 2.70	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ -	0.0%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	2,000	\$ 0.0070	\$ 14.00	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%
TOU - Off Peak	per kWh	1,280	\$ 0.0800	\$ 102.40	\$ -	\$ -	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%
TOU - Mid Peak	per kWh	360	\$ 0.1220	\$ 43.92	\$ -	\$ -	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%
TOU - On Peak	per kWh	360	\$ 0.1610	\$ 57.96	\$ -	\$ -	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%
Energy - RPP - Tier 1	per kWh	1,035	\$ 0.0940	\$ 97.24	\$ 0.0940	\$ 97.47	\$ 0.23	0.2%	\$ 0.0940	\$ 97.47	\$ -	0.0%	\$ 0.0940	\$ 97.47	\$ -	0.0%	\$ 0.0940	\$ 97.47	\$ -	0.0%	\$ 0.0940	\$ 97.47	\$ -	0.0%
Energy - RPP - Tier 2	per kWh	1,035	\$ 0.1100	\$ 113.80	\$ 0.1100	\$ 114.06	\$ 0.26	0.2%	\$ 0.1100	\$ 114.06	\$ -	0.0%	\$ 0.1100	\$ 114.06	\$ -	0.0%	\$ 0.1100	\$ 114.06	\$ -	0.0%	\$ 0.1100	\$ 114.06	\$ -	0.0%
Total Bill on TOU (before Taxes)				\$ 314.23		\$ 324.45	\$ 10.21	3.2%		\$ 330.72	\$ 6.27	1.9%		\$ 333.53	\$ 2.81	0.9%		\$ 336.12	\$ 2.59	0.8%		\$ 338.96	\$ 2.84	0.8%
HST			13%	\$ 40.85		\$ 42.18	\$ 1.33	3.2%		\$ 42.99	\$ 0.82	1.9%		\$ 43.36	\$ 0.37	0.9%		\$ 43.70	\$ 0.34	0.8%		\$ 44.06	\$ 0.37	0.8%
Total Bill (including HST)				\$ 355.09		\$ 366.62	\$ 11.54	3.2%		\$ 373.71	\$ 7.09	1.9%		\$ 376.89	\$ 3.18	0.9%		\$ 379.81	\$ 2.92	0.8%		\$ 383.02	\$ 3.21	0.8%
Ontario Clean Energy Benefit ¹			10%	\$ 35.51		\$ 35.51	\$ -	-100.0%		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-
Total Bill on TOU (including OCEB)				\$ 319.58		\$ 366.62	\$ 47.05	14.7%		\$ 373.71	\$ 7.09	1.9%		\$ 376.89	\$ 3.18	0.9%		\$ 379.81	\$ 2.92	0.8%		\$ 383.02	\$ 3.21	0.8%
Total Bill on RPP (before Taxes)				\$ 320.99		\$ 331.69	\$ 10.70	3.3%		\$ 337.97	\$ 6.27	1.9%		\$ 340.78	\$ 2.81	0.8%		\$ 343.37	\$ 2.59	0.8%		\$ 346.20	\$ 2.84	0.8%
HST			13%	\$ 41.73		\$ 43.12	\$ 1.39	3.3%		\$ 43.94	\$ 0.82	1.9%		\$ 44.30	\$ 0.37	0.8%		\$ 44.64	\$ 0.34	0.8%		\$ 45.01	\$ 0.37	0.8%
Total Bill (including HST)				\$ 362.72		\$ 374.81	\$ 12.09	3.3%		\$ 381.90	\$ 7.09	1.9%		\$ 385.08	\$ 3.18	0.8%		\$ 388.00	\$ 2.92	0.8%		\$ 391.21	\$ 3.21	0.8%
Ontario Clean Energy Benefit ¹			10%	\$ 36.27		\$ 36.27	\$ -	-100.0%		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-
Total Bill on RPP (including OCEB)				\$ 326.45		\$ 374.81	\$ 48.36	14.8%		\$ 381.90	\$ 7.09	1.9%		\$ 385.08	\$ 3.18	0.8%		\$ 388.00	\$ 2.92	0.8%		\$ 391.21	\$ 3.21	0.8%
Loss Factor (%)				3.45%		3.69%				3.69%				3.69%				3.69%				3.69%		



Bill Impacts - GS > 50

Customer Class: **GS > 50**

TOU / non-TOU: TOU

Consumption	80,000
Load	250

		2015 Current Board-Approved		2016 TEST YEAR 1 Proposed				Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST				
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	1	\$ 138.48	\$ 138.48	\$ -	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	-	\$ 138.48	\$ 138.48	\$ -	-	\$ 138.48	\$ 138.48	\$ -	-	\$ 138.48	\$ 138.48	\$ -	-	\$ 138.48	\$ 138.48	\$ -	-	
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 6.99	\$ 6.99	\$ -	\$ -	0.0%	\$ 6.99	\$ 6.99	\$ -	-	\$ 6.99	\$ 6.99	\$ -	-	\$ 6.99	\$ 6.99	\$ -	-	\$ 6.99	\$ 6.99	\$ -	-	\$ 6.99	\$ 6.99	\$ -	-	
ICM Rate Rider (2014)	Monthly	1	\$ 0.72	\$ 0.72	\$ -	\$ -	(0.72)	-100.0%	\$ -	\$ -	(0.72)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	Monthly	1	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	Monthly	1	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
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Distribution Volumetric Rate	per kW	250	\$ 3.3278	\$ 831.95	\$ 3.9398	\$ 984.95	153.00	18.4%	\$ 4.4757	\$ 1,118.93	\$ 133.98	13.6%	\$ 4.7238	\$ 1,180.95	\$ 62.03	5.5%	\$ 4.9672	\$ 1,241.80	\$ 60.85	5.2%	\$ 5.1889	\$ 1,297.23	\$ 55.43	4.5%	\$ 5.4312	\$ 1,353.66	\$ 60.85	5.2%
Smart Meter Disposition Rider	per kW	250	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
LRAM & SSM Rate Rider	per kW	250	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
ICM Rate Rider (2014)	per kW	250	\$ 0.0173	\$ 4.33	\$ -	\$ -	(4.33)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kW	250	\$ 0.0134	\$ 3.35	\$ -	\$ -	(3.35)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	250	\$ -	\$ -	\$ -	\$ -	(3.15)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Account 1575	per kW	250	\$ -	\$ -	\$ -	\$ -	(14.60)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Loss Factor (%)	3.45%
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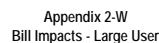
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Bill Impacts - Unmetered Scattered Load

Customer Class: **USL**

TOU / non-TOU: TOU

Consumption	150
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2015 Current Board-Approved					2016 TEST YEAR 1 Proposed		Impact 2017 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
Charge Unit	Volume	Rate (\$)	Charge (\$)		Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	1	\$ 7.01	\$ 7.01		\$ 8.13	\$ 8.13	\$ 1.12	16.0%	\$ 9.07	\$ 9.07	\$ 0.94	11.6%	\$ 9.50	\$ 9.50	\$ 0.43	4.7%	\$ 9.90	\$ 9.90	\$ 0.40	4.2%	\$ 10.22	\$ 10.22	\$ 0.32	3.2%
Smart Meter Rate Adder	1	\$ -	\$ -		\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	1	\$ 0.11	\$ 0.11		\$ 0.11	\$ 0.11	\$ -	0.0%	\$ -	\$ -	\$ (0.11)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	1	\$ 0.04	\$ 0.04		\$ -	\$ -	\$ (0.04)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Distribution Volumetric Rate	per kWh	150	\$ 0.0159	\$ 2.39	\$ 0.0184	\$ 2.76	\$ 0.38	15.7%	\$ 0.0206	\$ 3.09	\$ 0.33	12.0%	\$ 0.0216	\$ 3.24	\$ 0.15	4.9%	\$ 0.0224	\$ 3.36	\$ 0.12	3.7%	\$ 0.0232	\$ 3.48	\$ 0.12	3.6%
Smart Meter Disposition Rider	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
LRAM & SSM Rate Rider	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	per kWh	150	\$ 0.0001	\$ 0.02	\$ -	\$ -	\$ (0.02)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	150	\$ -	\$ -	\$ -	\$ (0.03)	\$ (0.03)	-	\$ -	\$ -	\$ 0.03	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Account 1575	per kWh	150	\$ -	\$ -	\$ 0.0005	\$ (0.08)	\$ (0.08)	-	\$ -	\$ -	\$ 0.08	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Appendix 2-W
Bill Impacts - Sentinel Lighting

Customer Class: Sentinel

TOU / non-TOU: TOU
Consumption Load 180
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			2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 3.41	\$ 3.41	\$ 3.96	\$ 3.96	\$ 0.55	16.1%	\$ 4.43	\$ 4.43	\$ 0.47	11.9%	\$ 4.64	\$ 4.64	\$ 0.21	4.7%	\$ 4.85	\$ 4.85	\$ 0.21	4.5%	\$ 5.04	\$ 5.04	\$ 0.19	3.9%
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Appendix 2-W

Bill Impacts - Street Lighting

Customer Class: S/L

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				2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	1	\$ 1.26	\$ 1.26	\$ 1.26	\$ 1.26	\$ -	0.0%	\$ 1.26	\$ 1.26	\$ -	0.0%	\$ 1.18	\$ 1.18	\$ (0.08)	-6.3%	\$ 1.22	\$ 1.22	\$ 0.04	3.4%	\$ 1.26	\$ 1.26	\$ 0.04	3.3%	
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Filed: August 21, 2015

Barrie & Simcoe



File Number: EE-2015-0003
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Appendix 2-W
Bill Impacts - Residential

Customer Class: RESIDENTIAL

TOU / non-TOU: TOU

Consumption 800

	Charge Unit	Volume	2015 Current Board-Approved			2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge			2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST			2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST			2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST			2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
			Rate (\$)	Charge (\$)		Rate (\$)	Charge (\$)	\$ Change	% Change		Rate (\$)	Charge (\$)	\$ Change	% Change		Rate (\$)	Charge (\$)	\$ Change	% Change		Rate (\$)	Charge (\$)	\$ Change	% Change		Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 12.67	\$ 12.67		\$ 14.65	\$ 14.65	\$ 1.98	15.6%		\$ 19.53	\$ 19.53	\$ 4.88	33.3%		\$ 23.54	\$ 23.54	\$ 4.01	20.5%		\$ 27.53	\$ 27.53	\$ 3.99	16.9%		\$ 31.44	\$ 31.44	\$ 3.91	14.2%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.20	\$ 0.20		\$ 0.20	\$ 0.20	\$ -	0.0%		\$ -	\$ -	\$ (0.20)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	Monthly	1	\$ 0.07	\$ 0.07		\$ -	\$ -	\$ (0.07)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
	1	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
	1	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Distribution Volumetric Rate	per kWh	800	\$ 0.0140	\$ 11.20		\$ 0.0162	\$ 12.96	\$ 1.76	15.7%		\$ 0.0136	\$ 10.88	\$ (2.08)	-16.0%		\$ 0.0095	\$ 7.60	\$ (3.28)	-30.1%		\$ 0.0049	\$ 3.92	\$ (3.68)	-48.4%		\$ -	\$ -	\$ (3.92)	-100.0%
Smart Meter Disposition Rider	per kWh	800	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
LRAM & SSM Rate Rider	per kWh	800	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	per kWh	800	\$ 0.0001	\$ 0.08		\$ -	\$ -	\$ (0.08)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kWh	800	\$ 0.0001	\$ 0.08		\$ -	\$ -	\$ (0.08)	-100.0%		\$ 0.0001	\$ 0.08	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	800	\$ -	\$ -		\$ 0.0001	\$ (0.08)	\$ (0.08)	-		\$ -	\$ -	\$ 0.08	-100.0%		\$ -	\$ -	\$ (0.08)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Recovery of Stranded Meter Assets (2016)	per kWh	800	\$ -	\$ -		\$ 0.0001	\$ 0.08	\$ 0.08	-		\$ -	\$ -	\$ (0.08)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Account 1575	per kWh	800	\$ -	\$ -		\$ 0.0005	\$ (0.40)	\$ (0.40)	-		\$ -	\$ -	\$ 0.40	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism (LRAM)	per kWh	800	\$ 0.0002	\$ 0.16		\$ -	\$ -	\$ (0.16)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
	per kWh	800	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Sub-Total A (excluding pass through)				\$ 24.46		\$ -	\$ 27.41	\$ 2.95	12.1%		\$ -	\$ 30.41	\$ 3.00	10.9%		\$ -	\$ 31.14	\$ 0.73	2.4%		\$ -	\$ 31.45	\$ 0.31	1.0%		\$ -	\$ 31.44	\$ (0.01)	0.0%
Deferral/Variance Account Disposition Rate Rider (2014)	per kWh	800	\$ -0.0006	\$ (0.48)		\$ -	\$ -	\$ 0.48	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts (2016)	per kWh	800	\$ -	\$ -		\$ 0.0002	\$ 0.16	\$ 0.16	-		\$ 0.0002	\$ 0.16	\$ -	0.0%		\$ -	\$ -	\$ (0.16)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
	800	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
	800	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kWh	800	\$ 0.0003	\$ 0.24		\$ 0.0005	\$ 0.40	\$ 0.16	66.7%		\$ 0.0005	\$ 0.40	\$ -	0.0%		\$ 0.0005	\$ 0.40	\$ -	0.0%		\$ 0.0005	\$ 0.40	\$ -	0.0%		\$ 0.0005	\$ 0.40	\$ -	0.0%
Line Losses on Cost of Power		27.60	\$ 0.1021	\$ 2.82		\$ 0.1021	\$ 3.02	\$ 0.20	7.0%		\$ 0.1021	\$ 3.02	\$ -	0.0%		\$ 0.1021	\$ 3.02	\$ -	0.0%		\$ 0.1021	\$ 3.02	\$ -	0.0%		\$ 0.1021	\$ 3.02	\$ -	0.0%
Smart Meter Entity Charge	Monthly	1	\$ 0.79	\$ 0.79		\$ 0.79	\$ 0.79	\$ -	-		\$ 0.79	\$ 0.79	\$ -	0.0%		\$ 0.79	\$ 0.79	\$ -	0.0%		\$ -	\$ -	\$ (0.79)	-100.0%		\$ -	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)				\$ 27.83		\$ 31.78	\$ 3.95	\$ 14.2%		\$ 34.78	\$ 3.00	\$ 9.4%		\$ 35.35	\$ 0.57	\$ 1.6%		\$ 34.87	\$ (0.48)	\$ -1.4%		\$ 34.87	\$ (0.48)	\$ -1.4%		\$ 34.86	\$ (0.01)	\$ 0.0%	
RTSR - Network	per kWh	828	\$ 0.0080	\$ 6.62		\$ 0.0080	\$ 6.64	\$ 0.02	0.2%		\$ 0.0082	\$ 6.80	\$ 0.17	2.5%		\$ 0.0083	\$ 6.89	\$ 0.08	1.2%		\$ 0.0085	\$ 7.05	\$ 0.17	2.4%		\$ 0.0086	\$ 7.13	\$ 0.08	1.2%
RTSR - Line and Transformation Connection	per kWh	828	\$ 0.0035	\$ 2.90		\$ 0.0037	\$ 3.07	\$ 0.17	6.0%		\$ 0.0038	\$ 3.15	\$ 0.08	2.7%		\$ 0.0039	\$ 3.24	\$ 0.08	2.6%		\$ 0.0040	\$ 3.32	\$ 0.08	2.6%		\$ 0.0041	\$ 3.40	\$ 0.08	2.5%
Sub-Total C - Delivery (includes Sub-Total B)				\$ 37.35		\$ 41.48	\$ 4.13	\$ 11.1%		\$ 44.73	\$ 3.25	\$ 7.8%		\$ 45.47	\$ 0.74	\$ 1.6%		\$ 45.23	\$ (0.23)	\$ -0.5%		\$ 45.23	\$ (0.23)	\$ -0.5%		\$ 45.39	\$ 0.16	\$ 0.3%	
Wholesale Market Service Charge (WMSC)	per kWh	828	\$ 0.0044	\$ 3.64		\$ 0.0044	\$ 3.65	\$ 0.01	0.2%		\$ 0.0044	\$ 3.65	\$ -	0.0%		\$ 0.0044	\$ 3.65	\$ -	0.0%		\$ 0.0044	\$ 3.65	\$ -	0.0%		\$ 0.0044	\$ 3.65	\$ -	0.0%
Rural and Remote Rate Protection (RRRP)	per kWh	828	\$ 0.0013	\$ 1.08		\$ 0.0013	\$ 1.08	\$ 0.00	0.2%		\$ 0.0013	\$ 1.08	\$ -	0.0%		\$ 0.0013	\$ 1.08	\$ -	0.0%		\$ 0.0013	\$ 1.08	\$ -	0.0%		\$ 0.0013	\$ 1.08	\$ -	0.0%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25		\$ 0.2500	\$ 0.25	\$ -	0.0%		\$ 0.2500	\$ 0.25	\$ -	0.0%		\$ 0.2500	\$ 0.25	\$ -	0.0%		\$ 0.2500	\$ 0.25	\$ -	0.0%		\$ 0.2500	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	800	\$ 0.0070	\$ 5.60		\$ -	\$ -	\$ (5.60)	-100.0%		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
TOU - Off Peak	per kWh	512	\$ 0.0800	\$ 40.96		\$ 0.0800	\$ 40.96	\$ -	0.0%		\$ 0.0800	\$ 40.96	\$ -	0.0%		\$ 0.0800	\$ 40.96	\$ -	0.0%		\$ 0.0800	\$ 40.96	\$ -	0.0%		\$ 0.0800	\$ 40.96	\$ -	0.0%
TOU - Mid Peak	per kWh	144	\$ 0.1220	\$ 17.57		\$ 0.1220	\$ 17.57	\$ -	0.0%		\$ 0.1220	\$ 17.57	\$ -	0.0%		\$ 0.1220	\$ 17.57	\$ -	0.0%		\$ 0.1220	\$ 17.57	\$ -	0.0%		\$ 0.1220	\$ 17.57	\$ -	0.0%
TOU - On Peak	per kWh	144	\$ 0.1610	\$ 23.18		\$ 0.1610	\$ 23.18	\$ -	0.0%		\$ 0.1610	\$ 23.18	\$ -	0.0%		\$ 0.1610	\$ 23.18	\$ -	0.0%		\$ 0.1610	\$ 23.18	\$ -	0.0%		\$ 0.1610	\$ 23.18	\$ -	0.0%
Energy - RPP - Tier 1	per kWh	800	\$ 0.0940	\$ 75.20		\$ 0.0940	\$ 75.20	\$ -	0.0%		\$ 0.0940	\$ 75.20	\$ -	0.0%		\$ 0.0940	\$ 75.20	\$ -	0.0%		\$ 0.0940	\$ 75.20	\$ -	0.0%		\$ 0.0940	\$ 75.20	\$ -	0.0%
Energy - RPP - Tier 2	per kWh	0	\$ 0.1100	\$ -		\$ 0.1100	\$ -	\$ -	-		\$ 0.1100	\$ -	\$ -	-		\$ 0.1100	\$ -	\$ -	-		\$ 0.1100	\$ -	\$ -	-		\$ 0.1100	\$ -	\$ -	-
				\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Total Bill on TOU (before Taxes)				\$ 129.63		\$ 128.17	\$ (1.45)	\$ -1.1%		\$ 131.42	\$ 3.25	\$ 2.5%		\$ 132.16	\$ 0.74	\$ 0.6%		\$ 131.92	\$ (0.23)	\$ -0.2%		\$ 131.92	\$ (0.23)	\$ -0.2%		\$ 132.08	\$ 0.16	\$ 0.1%	
HST			13%	\$ 16.85		\$ 16.66	\$ (0.19)	\$ -1.1%		\$ 17.08	\$ 0.42	\$ 2.5%		\$ 17.18	\$ 0.10	\$ 0.6%		\$ 17.15	\$ (0.03)	\$ -0.2%		\$ 17.15	\$ (0.03)	\$ -0.2%		\$ 17.17	\$ 0.02	\$ 0.1%	
Total Bill (including HST)				\$ 146.48		\$ 144.83	\$ (1.64)	\$ -1.1%		\$ 148.50	\$ 3.67	\$ 2.5%		\$ 149.34	\$ 0.83	\$ 0.6%		\$ 149.07	\$ (0.26)	\$ -0.2%		\$ 149.07	\$ (0.26)	\$ -0.2%		\$ 149.25	\$ 0.18	\$ 0.1%	
Ontario Clean Energy Benefit ¹			10%	\$ -14.65		\$ -	\$ 14.65	\$ -100.0%		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
Total Bill on TOU (including OCEB)				\$ 131.83		\$ 144.83	\$ 13.00	\$ 9.9%		\$ 148.50	\$ 3.67	\$ 2.5%		\$ 149.34	\$ 0.83	\$ 0.6%		\$ 149.07	\$ (0.26)	\$ -0.2%		\$ 149.07	\$ (0.26)	\$ -0.2%		\$ 149.25	\$ 0.18	\$ 0.1%	
				\$ -		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-		\$ -	\$ -	\$ -	-
Total Bill on RPP (before Taxes)				\$ 123.11		\$ 121.66	\$ (1.45)	\$ -1.2%		\$ 124.91	\$ 3.25	\$ 2.7%		\$ 125.64	\$ 0.74	\$ 0.6%		\$ 125.41	\$ (0.23)	\$ -0.2%		\$ 125.41	\$ (0.23)	\$ -0.2%		\$ 125.57	\$ 0.16	\$ 0.1%	
HST			13%	\$ 16.00		\$ 15.82	\$ (0.19)	\$ -1.2%		\$ 16.24	\$ 0.42	\$ 2.7%		\$ 16.33	\$ 0.10	\$ 0.6%		\$ 16.30	\$ (0.03)	\$ -0.2%		\$ 16.30	\$ (0.03)	\$ -0.2%		\$ 16.32	\$ 0.02	\$ 0.1%	
Total Bill (including HST)				\$ 139.12		\$ 137.47	\$ (1.64)	\$ -1.2%		\$ 141.15	\$ 3.67	\$ 2.7%		\$ 141.98	\$ 0.83	\$ 0.6%		\$ 141.72	\$ (0.26)	\$ -0.2%		\$ 141.72	\$ (0.26)	\$ -0.2%		\$ 141.89	\$ 0.18	\$ 0.1%	
Ontario Clean Energy Benefit ¹			10%	\$ -13.91		\$ -	\$ 13.91	\$ -100.0%		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
Total Bill on RPP (including OCEB)				\$ 125.21		\$ 137.47	\$ 12.27	\$ 9.8%		\$ 141.15	\$ 3.67	\$ 2.7%		\$ 141.98	\$ 0.83	\$ 0.6%		\$ 141.72	\$ (0.26)	\$ -0.2%		\$ 141.72	\$ (0.26)	\$ -0.2%		\$ 141.89	\$ 0.18	\$ 0.1%	

Loss Factor (%) 3.45%

3.69%

3.69%

3.69%

3.69%

3.69%

Barrie & Simcoe



File Number:
Exhibit:
Tab:
Schedule:
Page:
Date:

Appendix 2-W
Bill Impacts - GS>50

Customer Class: GS<50

TOU / non-TOU: TOU

Consumption 2,000

	Charge Unit	Volume	2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST		
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	1	\$ 26.08	\$ 26.08	\$ 30.25	\$ 30.25	\$ 4.17	16.0%	\$ 30.26	\$ 30.26	\$ 0.01	0.0%	\$ 30.26	\$ 30.26	\$ 0.00	0.0%	\$ 30.42	\$ 30.42	\$ 0.15	0.5%	\$ 30.64	\$ 30.64	\$ 0.22	0.7%	
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.55	\$ 0.55	\$ 0.55	\$ 0.55	\$ -	0.0%	\$ -	\$ -	\$ (0.55)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
ICM Rate Rider (2014)	Monthly	1	\$ 0.14	\$ 0.14	\$ -	\$ -	\$ (0.14)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Distribution Volumetric Rate	per kWh	2,000	\$ 0.0139	\$ 27.80	\$ 0.0161	\$ 32.20	\$ 4.40	15.8%	\$ 0.0193	\$ 38.60	\$ 6.40	19.9%	\$ 0.0208	\$ 41.60	\$ 3.00	7.8%	\$ 0.0221	\$ 44.20	\$ 2.60	6.3%	\$ 0.0232	\$ 46.40	\$ 2.20	5.0%	
Smart Meter Disposition Rider	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
LRAM & SSM Rate Rider	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
ICM Rate Rider (2014)	per kWh	2,000	\$ 0.0001	\$ 0.20	\$ -	\$ -	\$ (0.20)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kWh	2,000	\$ 0.0004	\$ 0.80	\$ -	\$ -	\$ (0.80)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0001	\$ 0.20	\$ 0.20	-	\$ -	\$ -	\$ (0.20)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Account 1575	per kWh	2,000	\$ -	\$ -	\$ 0.0003	\$ (0.60)	\$ (0.60)	-	\$ -	\$ -	\$ 0.60	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Recovery of Stranded Meter Assets (2014 balance)	per kWh	2,000	\$ -	\$ -	\$ 0.0002	\$ 0.40	\$ 0.40	-	\$ -	\$ -	\$ (0.40)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Lost Revenue Adjustment Mechanism (LRAM)	per kWh	2,000	\$ 0.0004	\$ 0.80	\$ -	\$ -	\$ (0.80)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Sub-Total A (excluding pass through)				\$ 56.37		\$ 63.00	\$ 6.63	11.8%		\$ 68.86	\$ 5.86	9.3%		\$ 71.86	\$ 3.00	4.4%		\$ 74.62	\$ 2.75	3.8%		\$ 77.04	\$ 2.42	3.2%	
Deferral/Variance Account Disposition Rate Rider (2014)	per kWh	2,000	\$ 0.0006	\$ (1.20)	\$ -	\$ -	\$ 1.20	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Disposition of Deferral/Variance Accounts (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0002	\$ 0.40	\$ 0.40	-	\$ 0.0002	\$ 0.40	\$ -	0.0%	\$ -	\$ -	\$ (0.40)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Low Voltage Service Charge	per kWh	2,000	\$ 0.0003	\$ 0.60	\$ 0.0004	\$ 0.80	\$ 0.20	33.3%	\$ 0.0004	\$ 0.80	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ -	0.0%	
Line Losses on Cost of Power	Monthly	69.00	\$ 0.1021	\$ 7.05	\$ 0.1021	\$ 7.54	\$ 0.49	7.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	\$ 0.1021	\$ 7.54	\$ -	0.0%	
Smart Meter Entity Charge	Monthly	1	\$ 0.7900	\$ 0.79	\$ 0.7900	\$ 0.79	\$ -	-	\$ 0.7900	\$ 0.79	\$ -	0.0%	\$ 0.7900	\$ 0.79	\$ -	0.0%	\$ -	\$ -	\$ (0.79)	-100.0%	\$ -	\$ -	\$ -	-	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 63.61		\$ 72.53	\$ 8.92	14.0%		\$ 78.39	\$ 5.86	8.1%		\$ 80.99	\$ 2.60	3.3%		\$ 82.96	\$ 1.96	2.4%		\$ 85.38	\$ 2.42	2.9%	
RTSR - Network	per kWh	2,069	\$ 0.0072	\$ 14.90	\$ 0.0072	\$ 14.93	\$ 0.03	0.2%	\$ 0.0073	\$ 15.14	\$ 0.21	1.4%	\$ 0.0074	\$ 15.35	\$ 0.21	1.4%	\$ 0.0076	\$ 15.76	\$ 0.41	2.7%	\$ 0.0077	\$ 15.97	\$ 0.21	1.3%	
RTSR - Line and Transformation Connection	per kWh	2,069	\$ 0.0030	\$ 6.21	\$ 0.0032	\$ 6.64	\$ 0.43	6.9%	\$ 0.0033	\$ 6.84	\$ 0.21	3.1%	\$ 0.0033	\$ 6.84	\$ -	0.0%	\$ 0.0034	\$ 7.05	\$ 0.21	3.0%	\$ 0.0035	\$ 7.26	\$ 0.21	2.9%	
Sub-Total C - Delivery (including Sub-Total B)				\$ 84.71		\$ 94.10	\$ 9.38	11.1%		\$ 100.37	\$ 6.27	6.7%		\$ 103.18	\$ 2.81	2.8%		\$ 105.77	\$ 2.59	2.5%		\$ 108.60	\$ 2.84	2.7%	
Wholesale Market Service Charge (WMSC)	per kWh	2,069	\$ 0.0044	\$ 9.10	\$ 0.0044	\$ 9.12	\$ 0.02	0.2%	\$ 0.0044	\$ 9.12	\$ -	0.0%	\$ 0.0044	\$ 9.12	\$ -	0.0%	\$ 0.0044	\$ 9.12	\$ -	0.0%	\$ 0.0044	\$ 9.12	\$ -	0.0%	
Rural and Remote Rate Protection (RRRP)	per kWh	2,069	\$ 0.0013	\$ 2.69	\$ 0.0013	\$ 2.70	\$ 0.01	0.2%	\$ 0.0013	\$ 2.70	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ -	0.0%	
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	
Debt Retirement Charge (DRC)	per kWh	2,000	\$ 0.0070	\$ 14.00	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	\$ 0.0070	\$ 14.00	\$ -	0.0%	
TOU - Off Peak	per kWh	1,280	\$ 0.0800	\$ 102.40	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	\$ 0.0800	\$ 102.40	\$ -	0.0%	
TOU - Mid Peak	per kWh	360	\$ 0.1220	\$ 43.92	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	\$ 0.1220	\$ 43.92	\$ -	0.0%	
TOU - On Peak	per kWh	360	\$ 0.1610	\$ 57.96	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	\$ 0.1610	\$ 57.96	\$ -	0.0%	
Energy - RPP - Tier 1	per kWh	1,035	\$ 0.0940	\$ 97.24	\$ 0.0940	\$ 97.47	\$ 0.23	0.2%	\$ 0.0940	\$ 97.47	\$ -	0.0%	\$ 0.0940	\$ 97.47	\$ -	0.0%	\$ 0.0940	\$ 97.47	\$ -	0.0%	\$ 0.0940	\$ 97.47	\$ -	0.0%	
Energy - RPP - Tier 2	per kWh	1,035	\$ 0.1100	\$ 113.80	\$ 0.1100	\$ 114.06	\$ 0.26	0.2%	\$ 0.1100	\$ 114.06	\$ -	0.0%	\$ 0.1100	\$ 114.06	\$ -	0.0%	\$ 0.1100	\$ 114.06	\$ -	0.0%	\$ 0.1100	\$ 114.06	\$ -	0.0%	
Total Bill on TOU (before Taxes)				\$ 315.03		\$ 324.45	\$ 9.41	3.0%		\$ 330.72	\$ 6.27	1.9%		\$ 333.53	\$ 2.81	0.9%		\$ 336.12	\$ 2.59	0.8%		\$ 338.96	\$ 2.84	0.8%	
HST			13%	\$ 40.95		13%	\$ 42.18	\$ 1.22	3.0%	13%	\$ 42.99	\$ 0.82	1.9%	13%	\$ 43.36	\$ 0.37	0.9%	13%	\$ 43.70	\$ 0.34	0.8%	13%	\$ 44.06	\$ 0.37	0.8%
Total Bill (including HST)				\$ 355.99		\$ 366.62	\$ 10.63	3.0%		\$ 373.71	\$ 7.09	1.9%		\$ 376.89	\$ 3.18	0.9%		\$ 379.81	\$ 2.92	0.8%		\$ 383.02	\$ 3.21	0.8%	
Ontario Clean Energy Benefit ¹			10%	\$ 35.60		\$ 35.60	\$ -	-100.0%		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Total Bill on TOU (including OCEB)				\$ 320.39		\$ 366.62	\$ 46.23	14.4%		\$ 373.71	\$ 7.09	1.9%		\$ 376.89	\$ 3.18	0.9%		\$ 379.81	\$ 2.92	0.8%		\$ 383.02	\$ 3.21	0.8%	
Total Bill on RPP (before Taxes)				\$ 321.79		\$ 331.69	\$ 9.90	3.1%		\$ 337.97	\$ 6.27	1.9%		\$ 340.78	\$ 2.81	0.8%		\$ 343.37	\$ 2.59	0.8%		\$ 346.20	\$ 2.84	0.8%	
HST			13%	\$ 41.83		\$ 43.12	\$ 1.29	3.1%	13%	\$ 43.94	\$ 0.82	1.9%	13%	\$ 44.30	\$ 0.37	0.8%	13%	\$ 44.64	\$ 0.34	0.8%	13%	\$ 45.01	\$ 0.37	0.8%	
Total Bill (including HST)				\$ 363.63		\$ 374.81	\$ 11.19	3.1%		\$ 381.90	\$ 7.09	1.9%		\$ 385.08	\$ 3.18	0.8%		\$ 388.00	\$ 2.92	0.8%		\$ 391.21	\$ 3.21	0.8%	
Ontario Clean Energy Benefit ¹			10%	\$ 36.36		\$ 36.36	\$ -	-100.0%		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Total Bill on RPP (including OCEB)				\$ 327.26		\$ 374.81	\$ 47.55	14.5%		\$ 381.90	\$ 7.09	1.9%		\$ 385.08	\$ 3.18	0.8%		\$ 388.00	\$ 2.92	0.8%		\$ 391.21	\$ 3.21	0.8%	
Loss Factor (%)				3.45%		3.69%				3.69%				3.69%				3.69%				3.69%			

Filed: August 21, 2015

Barrie & Simcoe



Appendix 2-W
Bill Impacts - GS > 50

Customer Class: GS > 50

TOU / non-TOU: TOU
Consumption
Load

80,000
250

			2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST		
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	1	\$ 138.48	\$ 138.48	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	
Smart Meter Rate Adder		1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Recovery of CGAAP/CWIP Differential		1	\$ 6.99	\$ 6.99	\$ 6.99	\$ 6.99	\$ -	0.0%	\$ 6.99	\$ 6.99	\$ -	0.0%	\$ (6.99)	-100.0%	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
ICM Rate Rider (2014)		1	\$ 0.72	\$ 0.72	\$ 0.72	\$ 0.72	\$ -	(0.72)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
		1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Distribution Volumetric Rate	per kW	250	\$ 3.3278	\$ 831.95	\$ 3.3278	\$ 831.95	\$ 153.00	18.4%	\$ 4.4757	\$ 1,118.93	\$ 133.98	13.6%	\$ 4.7238	\$ 1,180.95	\$ 62.03	5.5%	\$ 4.9672	\$ 1,241.80	\$ 60.85	5.2%	\$ 5.1889	\$ 1,297.23	\$ 55.43	4.5%	
Smart Meter Disposition Rider	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
LRAM & SSM Rate Rider	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
ICM Rate Rider (2014)	per kW	250	\$ 0.0173	\$ 4.33	\$ -	\$ -	\$ (4.33)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kW	250	\$ 0.0134	\$ 3.35	\$ -	\$ -	\$ (3.35)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	250	\$ -	\$ -	\$ -	\$ (3.15)	\$ (3.15)	-	\$ -	\$ -	\$ 3.15	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Account 1575	per kW	250	\$ -	\$ -	\$ -	\$ (14.60)	\$ (14.60)	-	\$ -	\$ -	\$ 14.60	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Lost Revenue Adjustment Mechanism (LRAM)	per kW	250	\$ 0.0099	\$ 2.48	\$ -	\$ (2.48)	\$ (2.48)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Sub-Total A (excluding pass through)				\$ 988.29		\$ 1,112.67	\$ 124.38	12.6%		\$ 1,257.41	\$ 144.74	13.0%		\$ 1,319.43	\$ 62.03	4.9%		\$ 1,380.28	\$ 60.85	4.6%		\$ 1,435.71	\$ 55.43	4.0%	
Deferral/Variance Account Disposition Rate Rider (2014)	per kW	250	\$ 0.2207	\$ (55.18)	\$ -	\$ -	\$ 55.18	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Disposition of Deferral/Variance Accounts (2016)	per kW	250	\$ -	\$ -	\$ 0.0321	\$ 8.03	\$ 8.03	-	\$ 0.0321	\$ 8.03	\$ -	0.0%	\$ -	\$ -	\$ (8.03)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Disposition of Global Adjustment Sub-Account (2014)	per kW	250	\$ 0.0720	\$ (18.00)	\$ -	\$ -	\$ 18.00	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Disposition of Global Adjustment Sub-Account (2016)	per kW	250	\$ -	\$ -	\$ 0.4262	\$ 106.55	\$ 106.55	-	\$ 0.4262	\$ 106.55	\$ -	0.0%	\$ -	\$ -	\$ (106.55)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Low Voltage Service Charge	per kW	250	\$ 0.1189	\$ 29.73	\$ 0.1589	\$ 39.73	\$ 10.00	33.6%	\$ 0.1589	\$ 39.73	\$ -	0.0%	\$ 0.1590	\$ 39.75	\$ 0.02	0.1%	\$ 0.1590	\$ 39.75	\$ -	0.0%	\$ 0.1590	\$ 39.75	\$ -	0.0%	
Line Losses on Cost of Power		2,760.00		\$ -		\$ -	\$ -	-		\$ -		-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
				\$ -		\$ -	\$ -	-		\$ -		-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 944.84		\$ 1,266.97	\$ 322.13	34.1%		\$ 1,411.71	\$ 144.74	11.4%		\$ 1,359.18	\$ (52.52)	-3.7%		\$ 1,420.03	\$ 60.85	4.5%		\$ 1,475.46	\$ 55.43	3.9%	
RTSR - Network	per kW	250	\$ 2.9192	\$ 729.80	\$ 2.8864	\$ 721.60	\$ (8.20)	-1.1%	\$ 2.9268	\$ 731.70	\$ 10.10	1.4%	\$ 2.9691	\$ 742.28	\$ 10.57	1.4%	\$ 3.0174	\$ 754.35	\$ 12.07	1.6%	\$ 3.0712	\$ 767.80	\$ 13.45	1.8%	
RTSR - Line and Transformation Connection	per kW	250	\$ 1.1726	\$ 293.15	\$ 1.2405	\$ 310.13	\$ 16.98	5.8%	\$ 1.2618	\$ 315.45	\$ 5.32	1.7%	\$ 1.2842	\$ 321.05	\$ 5.60	1.8%	\$ 1.3093	\$ 327.33	\$ 6.27	2.0%	\$ 1.3371	\$ 334.28	\$ 6.95	2.1%	
Sub-Total C - Delivery (including Sub-Total B)				\$ 1,967.79		\$ 2,298.70	\$ 330.91	16.8%		\$ 2,458.86	\$ 160.16	7.0%		\$ 2,422.51	\$ (36.35)	-1.5%		\$ 2,501.71	\$ 79.20	3.3%		\$ 2,577.53	\$ 75.83	3.0%	
Wholesale Market Service Charge (WMSC)	per kWh	82,760	\$ 0.0044	\$ 364.14	\$ 0.0044	\$ 364.99	\$ 0.84	0.2%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%	
Rural and Remote Rate Protection (RRRP)	per kWh	82,760	\$ 0.0013	\$ 107.59	\$ 0.0013	\$ 107.84	\$ 0.25	0.2%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%	
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	
Debt Retirement Charge (DRC)	per kWh	80,000	\$ 0.0070	\$ 560.00	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	
TOU - Off Peak	per kWh	52,966	\$ 0.0800	\$ 4,237.31	\$ 0.0800	\$ 4,247.14	\$ 9.83	0.2%	\$ 0.0800	\$ 4,247.14	\$ -	0.0%	\$ 0.0800	\$ 4,247.14	\$ -	0.0%	\$ 0.0800	\$ 4,247.14	\$ -	0.0%	\$ 0.0800	\$ 4,247.14	\$ -	0.0%	
TOU - Mid Peak	per kWh	14,897	\$ 0.1220	\$ 1,817.41	\$ 0.1220	\$ 1,821.63	\$ 4.22	0.2%	\$ 0.1220	\$ 1,821.63	\$ -	0.0%	\$ 0.1220	\$ 1,821.63	\$ -	0.0%	\$ 0.1220	\$ 1,821.63	\$ -	0.0%	\$ 0.1220	\$ 1,821.63	\$ -	0.0%	
TOU - On Peak	per kWh	14,897	\$ 0.1610	\$ 2,398.38	\$ 0.1610	\$ 2,403.95	\$ 5.56	0.2%	\$ 0.1610	\$ 2,403.95	\$ -	0.0%	\$ 0.1610	\$ 2,403.95	\$ -	0.0%	\$ 0.1610	\$ 2,403.95	\$ -	0.0%	\$ 0.1610	\$ 2,403.95	\$ -	0.0%	
Energy - RPP - Tier 1	per kWh	1,000	\$ 0.0940	\$ 94.00	\$ 0.0940	\$ 94.00	\$ -	0.0%	\$ 0.0940	\$ 94.00	\$ -	0.0%	\$ 0.0940	\$ 94.00	\$ -	0.0%	\$ 0.0940	\$ 94.00	\$ -	0.0%	\$ 0.0940	\$ 94.00	\$ -	0.0%	
Energy - RPP - Tier 2	per kWh	79,000	\$ 0.1100	\$ 8,690.00	\$ 0.1100	\$ 8,690.00	\$ -	0.0%	\$ 0.1100	\$ 8,690.00	\$ -	0.0%	\$ 0.1100	\$ 8,690.00	\$ -	0.0%	\$ 0.1100	\$ 8,690.00	\$ -	0.0%	\$ 0.1100	\$ 8,690.00	\$ -	0.0%	
				\$ -		\$ -	\$ -	-		\$ -		-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Total Bill on TOU (before Taxes)				\$ 11,452.88		\$ 11,804.49	\$ 351.61	3.1%		\$ 11,964.65	\$ 160.16	1.4%		\$ 11,928.30	\$ (36.35)	-0.3%		\$ 12,007.50	\$ 79.20	0.7%		\$ 12,083.32	\$ 75.83	0.6%	
HST			13%	\$ 1,488.87		\$ 1,534.58	\$ 45.71	3.1%	13%	\$ 1,555.40	\$ 20.82	1.4%	13%	\$ 1,550.68	\$ (4.73)	-0.3%	13%	\$ 1,560.97	\$ 10.30	0.7%	13%	\$ 1,570.83	\$ 9.86	0.6%	
Total Bill (including HST)				\$ 12,941.75		\$ 13,339.07	\$ 397.32	3.1%		\$ 13,520.05	\$ 180.98	1.4%		\$ 13,478.98	\$ (41.08)	-0.3%		\$ 13,568.47	\$ 89.50	0.7%		\$ 13,654.16	\$ 85.68	0.6%	
Ontario Clean Energy Benefit ¹				\$ -		\$ -	\$ -	-		\$ -		-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Total Bill on TOU (including OCEB)				\$ 12,941.75		\$ 13,339.07	\$ 397.32	3.1%		\$ 13,520.05	\$ 180.98	1.4%		\$ 13,478.98	\$ (41.08)	-0.3%		\$ 13,568.47	\$ 89.50	0.7%		\$ 13,654.16	\$ 85.68	0.6%	
				\$ -		\$ -	\$ -	-		\$ -		-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Total Bill on RPP (before Taxes)				\$ 11,783.77		\$ 12,115.77	\$ 332.00	2.8%		\$ 12,275.93	\$ 160.16	1.3%		\$ 12,239.58	\$ (36.35)	-0.3%		\$ 12,318.78	\$ 79.20	0.6%		\$ 12,394.61	\$ 75.83	0.6%	
HST			13%	\$ 1,531.89		\$ 1,575.05	\$ 43.16	2.8%	13%	\$ 1,595.87	\$ 20.82	1.3%	13%	\$ 1,591.15	\$ (4.73)	-0.3%	13%	\$ 1,601.44	\$ 10.30	0.7%	13%	\$ 1,611.30	\$ 9.86	0.6%	
Total Bill (including HST)				\$ 13,315.66		\$ 13,690.82	\$ 375.16	2.8%		\$ 13,871.80	\$ 180.98	1.3%		\$ 13,830.73	\$ (41.08)	-0.3%		\$ 13,920.22	\$ 89.50	0.6%		\$ 14,005.91	\$ 85.68	0.6%	
Ontario Clean Energy Benefit ¹				\$ -		\$ -	\$ -	-		\$ -		-		\$ -	\$ -	-		\$ -	\$ -	-		\$ -	\$ -	-	
Total Bill on RPP (including OCEB)				\$ 13,315.66		\$ 13,690.82	\$ 375.16	2.8%		\$ 13,871.80	\$ 180.98	1.3%		\$ 13,830.73	\$ (41.08)	-0.3%		\$ 13,920.22	\$ 89.50	0.6%		\$ 14,005.91	\$ 85.68	0.6%	



Bill Impacts - Large User

Customer Class: Large User

TOU / non-TOU: ☒ TOU

2,800,000

	Charge Unit	Volume	2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
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Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 104.59	\$ 104.59	\$ 104.59	\$ 104.59	\$ -	0.0%	\$ -	\$ -	\$ (104.59)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	Monthly	1	\$ 30.93	\$ 30.93	\$ -	\$ -	\$ (30.93)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Distribution Volumetric Rate	per kW	7,350	\$ 1,415.9	\$ 10,406.87	\$ 2,070.4	\$ 15,217.44	\$ 4,810.58	46.2%	\$ 2,402.6	\$ 17,659.11	\$ 2,441.67	16.0%	\$ 2,611.3	\$ 19,193.06	\$ 1,533.95	8.7%	\$ 2,800.6	\$ 20,584.41	\$ 1,391.36	7.2%	\$ 2,973.4	\$ 21,854.49	\$ 1,270.08	6.2%
Smart Meter Disposition Rider	per kW	7,350	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	7,350	\$ -	\$ -	\$ -0.0353	\$ (259.46)	\$ (259.46)	-100.0%	\$ -	\$ -	\$ 259.46	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Loss Factor (%)	3.45%
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Bill Impacts - Unmetered Scattered Load

Customer Class: **USL**

TOU / non-TOU: ☒ TOU

Consumption	150
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2015 Current Board-Approved					2016 TEST YEAR 1 Proposed		Impact 2017 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
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Distribution Volumetric Rate	per kWh	150	\$ 0.0159	\$ 2.39	\$ 0.0184	\$ 2.76	\$ 0.38	15.7%	\$ 0.0206	\$ 3.09	\$ 0.33	12.0%	\$ 0.0216	\$ 3.24	\$ 0.15	4.9%	\$ 0.0224	\$ 3.36	\$ 0.12	3.7%	\$ 0.0232	\$ 3.48	\$ 0.12	3.6%
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Loss Factor (%)	3.45%
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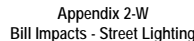
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S/L

TOLL

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Loss Factor (%)	3.45%
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Appendix A-2-3

TO RATE ORDER

PowerStream Inc.

Proposed 2016 Electricity Distribution Rates

EB-2015-0103

January 1, 2016

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

**This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors**

EB-2015-0103

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. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	14.65
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.20
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kWh	(0.0001)
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until December 31, 2016	\$/kWh	0.0001
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kWh	(0.0005)

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0037

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	30.25
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.55
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0161
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kWh	0.0001
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until December 31, 2016	\$/kWh	0.0002
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kWh	(0.0003)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 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, 50 kW but less than 5,000 kW, both regular and interval metered. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	138.48
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	6.99
Distribution Volumetric Rate	\$/kW	3.9398
Low Voltage Service Rate	\$/kW	0.1589
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.4262
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0321
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.0126)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.0584)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.8864
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2405
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.0257
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.3422

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	5,966.29
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	104.59
Distribution Volumetric Rate	\$/kW	2.0704
Low Voltage Service Rate	\$/kW	0.1629
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0168
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.0353)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.0345)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.46900
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.28880

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the utility'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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount \$/kW (e.g. nameplate rating of the generation facility).	2.7584
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly 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 demand/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.

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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)	\$	8.13
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.0184
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account		
(2013 balance) - effective until December 31, 2016	\$/kWh	(0.0002)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kWh	(0.0005)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to 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.

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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)	\$	3.96
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.09
Distribution Volumetric Rate	\$/kW	9.2875
Low Voltage Service Rate	\$/kW	0.1169
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kW	0.4411
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0212
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.1661)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.2446)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.2468
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9194

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies 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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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)	\$	1.26
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.02
Distribution Volumetric Rate	\$/kW	6.6746
Low Voltage Service Rate	\$/kW	0.1287
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.4070
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	(0.2386)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.1442)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.2429)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.7831
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2745

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT 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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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	\$	5.40
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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)

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 (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
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect 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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

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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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	1.0369
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0266
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

PowerStream Inc.

Proposed 2017 Electricity Distribution Rates

EB-2015-0103

January 1, 2017

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2015-0103

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. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. 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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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	\$	19.53
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.00
 Distribution Volumetric Rate	 \$/kWh	 0.0136
Low Voltage Service Rate	\$/kWh	0.0005
 Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0082
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	30.26
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0193
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 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, 50 kW but less than 5,000 kW, both regular and interval metered. 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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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	\$	138.48
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	4.4757
Low Voltage Service Rate	\$/kW	0.1589
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.4262
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0321

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.9268
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2618
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.0681
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.3652

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater 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.

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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	\$	5,966.29
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	2.4026
Low Voltage Service Rate	\$/kW	0.1630
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0168

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.53610
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.31780

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the utility'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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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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount \$/kW (e.g. nameplate rating of the generation facility).	2.7584
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly 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 demand/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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.07
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0206
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to 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)	\$	4.43
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	10.4066
Low Voltage Service Rate	\$/kW	0.1170
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.4411
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0212

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.2743
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9336

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.26
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	6.6660
Low Voltage Service Rate	\$/kW	0.1288
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kW	0.4070
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	(0.2386)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.9431
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3520

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT 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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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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)

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 (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
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect 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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if 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 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	1.0369
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

PowerStream Inc.

Proposed 2018 Electricity Distribution Rates

EB-2015-0103

January 1, 2018

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2018

**This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors**

EB-2015-0103

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. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. 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	\$	23.54
Distribution Volumetric Rate	\$/kWh	0.0095
Low Voltage Service Rate	\$/kWh	0.0005

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0083
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.26
Distribution Volumetric Rate	\$/kWh	0.0208
Low Voltage Service Rate	\$/kWh	0.0004

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 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, 50 kW but less than 5,000 kW, both regular and interval metered. 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	\$	138.48
Distribution Volumetric Rate	\$/kW	4.7238
Low Voltage Service Rate	\$/kW	0.1590

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.9691
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2842
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.1125
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.3894

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater 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	\$	5,966.29
Distribution Volumetric Rate	\$/kW	2.6113
Low Voltage Service Rate	\$/kW	0.1631

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.60980
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.34960

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the utility'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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount \$/kW (e.g. nameplate rating of the generation facility).	2.7584
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly 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 demand/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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.50
Distribution Volumetric Rate	\$/kWh	0.0216
Low Voltage Service Rate	\$/kWh	0.0005

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to 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)	\$	4.64
Distribution Volumetric Rate	\$/kW	10.9237
Low Voltage Service Rate	\$/kW	0.1170

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.3047
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9491

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies 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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.18
Distribution Volumetric Rate	\$/kW	6.1971
Low Voltage Service Rate	\$/kW	0.1288

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.1323
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4435

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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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)

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

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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 (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
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect 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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

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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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	1.0369
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

PowerStream Inc.

Proposed 2019 Electricity Distribution Rates

EB-2015-0103

January 1, 2019

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

**This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors**

EB-2015-0103

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. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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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	\$	27.53
Distribution Volumetric Rate	\$/kWh	0.0049
Low Voltage Service Rate	\$/kWh	0.0005

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0085
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.42
Distribution Volumetric Rate	\$/kWh	0.0221
Low Voltage Service Rate	\$/kWh	0.0004

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 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, 50 kW but less than 5,000 kW, both regular and interval metered. 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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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	\$	138.48
Distribution Volumetric Rate	\$/kW	4.9672
Low Voltage Service Rate	\$/kW	0.1590

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.0174
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3093
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.1630
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.4166

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,966.29
Distribution Volumetric Rate	\$/kW	2.8006
Low Voltage Service Rate	\$/kW	0.1631

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.68680
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.38290

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the utility'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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount \$/kW (e.g. nameplate rating of the generation facility).	2.7584
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly 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 demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.90
Distribution Volumetric Rate	\$/kWh	0.0224
Low Voltage Service Rate	\$/kWh	0.0005

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0067
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to 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)	\$	4.85
Distribution Volumetric Rate	\$/kW	11.4087
Low Voltage Service Rate	\$/kW	0.1170

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.3365
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9653

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies 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.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.22
Distribution Volumetric Rate	\$/kW	6.5097
Low Voltage Service Rate	\$/kW	0.1289

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.1753
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4681

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	5.40
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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)

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 (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
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect 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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

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	1.0369
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

PowerStream Inc.

Proposed 2020 Electricity Distribution Rates

EB-2015-0103

January 1, 2020

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

**This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors**

EB-2015-0103

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. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	31.44
Distribution Volumetric Rate	\$/kWh	0.0000
Low Voltage Service Rate	\$/kWh	0.0005

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0086
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	30.64
Distribution Volumetric Rate	\$/kWh	0.0232
Low Voltage Service Rate	\$/kWh	0.0004

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0077
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0035

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

GENERAL SERVICE 50 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, 50 kW but less than 5,000 kW, both regular and interval metered. 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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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	\$	138.48
Distribution Volumetric Rate	\$/kW	5.1889
Low Voltage Service Rate	\$/kW	0.1590

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.0712
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3371
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.2195
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.4467

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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	\$	5,966.29
Distribution Volumetric Rate	\$/kW	2.9734
Low Voltage Service Rate	\$/kW	0.1631

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.77810
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.42180

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide back-up service. Further servicing details are available in the utility'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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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

Standby Charge - for a month where standby power is not provided. The charge is applied to the contracted amount \$/kW (e.g. nameplate rating of the generation facility).	2.7584
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose average monthly 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 demand/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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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)	\$	10.22
Distribution Volumetric Rate	\$/kWh	0.0232
Low Voltage Service Rate	\$/kWh	0.0005

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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)	\$	5.04
Distribution Volumetric Rate	\$/kW	11.8447
Low Voltage Service Rate	\$/kW	0.1170

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.3764
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9851

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies 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. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

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)	\$	1.26
Distribution Volumetric Rate	\$/kW	6.6446
Low Voltage Service Rate	\$/kW	0.1288

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.2379
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.5020

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

MICROFIT 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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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	\$	5.40
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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)

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 (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
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect 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
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

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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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	1.0369
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0145
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0045

File Number: EB-2015-0003
 Exhibit: A
 Tab: 2
 Schedule: 4
 Page:

Revision Date: August 21, 2015

Appendix 2-BA
Fixed Asset Continuity Schedule
 Year **2015**

CCA Class	GL account	Detail Asset Class	Depreciation Rate	Notes	COST (000's)				ACCUMULATIVE DEPRECIATION (000's)				Net Book Value (000's)	
					Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance		
Distribution Assets														
47	1610	Hydro One TS - Contributed Capital	2.50%		4,953	0	0	4,953	893	288	0	1,181	3,772	
n/a	1805	Land	0		22,422	1,125	0	23,547	0	0	0	0	23,547	
CEC	1612	Land Rights	0		873	33	0	906	0	0	0	0	906	
1	1808	Building & Fixtures	2.50%		6,718	211	0	6,929	801	215	0	1,016	5,913	
47	1810	Major spare parts	0		9,878	0	0	9,878	0	0	0	0	9,878	
47	1815	Transformer Stations	2.50%	1	103,285	2,968	0	106,253	17,426	4,065	0	21,491	84,762	
47	1820	Distribution Stations	3.33%	1	24,316	4,071	0	28,387	5,758	1,444	0	7,202	21,185	
47	1830	Poles, Towers & Fixtures	2.22%		144,278	16,590	(87)	160,781	11,025	3,605	(4)	14,626	146,155	
47	1835	O/H Cond & Devices	2.50%		124,250	12,857	(130)	136,977	12,224	3,799	(8)	16,015	120,962	
47	1840	U/G Conduit	1.67%		97,446	7,573	0	105,019	5,302	1,799	0	7,101	97,918	
47	1845	U/G Cond & Devices	2.22%		279,110	37,965	(433)	316,642	23,798	8,059	(23)	31,834	284,808	
47	1850	Line Transformers	2.92%	2	163,244	7,463	(1,901)	168,806	24,620	6,936	(166)	31,390	137,416	
47	1855	Services (OH and UG)	3.25%	2	68,151	3,653	0	71,804	14,400	3,467	0	17,867	53,937	
47	1860	Meters	5.33%	2	29,887	4,012	(661)	33,238	5,438	1,944	(330)	7,052	26,186	
47	1860	Smart Meters	6.67%		49,834	1,185	0	51,019	14,146	3,648	0	17,794	33,225	
47	1875	Streetlighting	4.00%		2,124	2	0	2,126	305	91	0	396	1,730	
		Subtotal Distribution Assets	n/a		1,130,769	99,708	(3,212)	1,227,265	136,136	39,360	(531)	174,965	1,052,300	
General Plant Assets														
1	1908	Building & Fixtures - Head office	2.00%	1	43,552	3,761	0	47,313	3,744	1,024	0	4,768	42,545	
13	1910	Leasehold Improvements	30.00%		191	0	0	191	25	3	0	28	163	
8	1915	Office Equipment	10.00%		4,938	97	0	5,035	2,204	596	0	2,800	2,235	
50	1920	Computer hardware	20.42%	2	11,327	2,036	0	13,363	5,920	1,949	0	7,869	5,494	
12	1611	Computer Software	22.78%	2	16,799	50,844	0	67,643	10,420	5,514	0	15,934	51,709	
10	1930	Transportation	9.05%	2	14,303	2,263	0	16,566	5,805	1,814	0	7,619	8,947	
8	1935	Stores Equipment	10.00%		145	535	0	680	5	39	0	44	636	
8	1940	Tools, Shop & Garage	10.00%		4,317	558	0	4,875	1,678	473	0	2,151	2,724	
8	1955	Communication Equipment	21.67%	2	2,235	364	0	2,599	1,547	250	0	1,797	802	
8	1960	Miscellaneous equipment	10.00%		0	0	0	0	0	0	0	0	0	
47	1980	System Supervisory Equip	7.78%	2	11,304	1,301	0	12,605	4,479	1,032	0	5,511	7,094	
47	1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0	
		Subtotal General Plant Assets	n/a		109,111	61,759	0	170,870	35,827	12,694	0	48,521	122,349	
Other Capital														
47	2005	Prop. Under Capital Lease-Addiscott	4.00%		17,549	0	0	17,549	2,926	731	0	3,657	13,892	
		Subtotal Other Capital Assets	n/a		17,549	0	0	17,549	2,926	731	0	3,657	13,892	
		Total Assets Before Contributed Capital	n/a		1,257,429	161,467	(3,212)	1,415,684	174,889	52,785	(531)	227,143	1,188,541	
47	1995/1996	Contributed Capital	varies		(326,846)	(18,323)	993	(344,176)	(35,064)	(9,958)	71	(44,952)	(299,224)	
		NET DISTRIBUTION ASSETS	n/a		930,583	143,144	(2,219)	1,071,508	139,825	42,827	(460)	182,191	889,317	
		Less Socialized Renewable Energy Generation Investments (input as negative) (5)			(2,891)	(76)	0	(2,967)	(250)	(119)	0	(369)	(2,598)	
		Less Other Non Rate-Regulated Utility Assets (input as negative) (4)			172	(2)	0	170	(73)	(44)	0	(117)	287	
		Total PP&E			927,864	143,066	(2,219)	1,068,711	139,502	42,664	(460)	181,705	887,006	

Less: Fully Allocated Depreciation

Transportation	\$ 1,814
Stores Equipment	\$ 39
Tools, Shop & Garage	\$ 473
less - Non- distribution	-\$ 44
Net Depreciation	\$ 40,457

NOTES:

(1) This is the depreciation rate on the largest component within the asset class. Actual depreciation is calculated on the specific rate for each component within the class.

(2) This is the average depreciation rate of 2 subclass of assets within the asset group

(3) Work in progress expenditures have been removed

(4) Non-distribution assets have been removed. For PowerStream the net impact is adding cost because the removal of the contributed capital on streetlighting nominally exceeded the cost

(5) Renewable Generation ("RGEN") capital costs for 2014 and unrecovered costs from prior years are included in the closing 2015 fixed assets balances. The renewable generation connection rate protection("RRCRP") additions represents 94% of the above in the amount of \$1,054k. This amount was approved by the OEB and represents the eligible renewable generation connection rate protection total that PowerStream will receive from Ontario ratepayers through the IESO. The residual 6%, otherwise known as the RGEN direct benefit, has been included in the above 2015 fixed asset additions and will be added to rate base to be recovered from PowerStream ratepayers.

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Appendix 2-BA
Fixed Asset Continuity Schedule
Year **2017**

CCA Class		GL account	Detail Asset Class	Depreciation Rate	Notes	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	ACCUMULATIVE DEPRECIATION (000's)					Net Book Value (000's)
										Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance		
Distribution Assets															
47		1610	Hydro One TS - Contributed Capital	2.50%		4,953	0	0	4,953	1,469	288	0	1,757	3,196	
n/a		1805	Land	0		26,436	0	0	26,436	0	0	0	0	26,436	
CEC		1612	Land Rights	0		940	34	0	974	0	0	0	0	974	
1		1808	Building & Fixtures	2.50%		7,005	77	0	7,082	1,235	220	0	1,455	5,627	
47		1810	Major spare parts	0		9,878	0	0	9,878	0	0	0	0	9,878	
47		1815	Transformer Stations	2.50%	1	109,144	24,962	0	134,106	25,626	4,377	0	30,003	104,103	
47		1820	Distribution Stations	3.33%	1	28,878	2,886	0	31,764	8,686	1,461	0	10,147	21,617	
47		1830	Poles, Towers & Fixtures	2.22%		184,239	24,299	(87)	208,451	18,682	4,583	(4)	23,261	185,190	
47		1835	O/H Cond & Devices	2.50%		161,244	23,360	(130)	184,474	20,236	4,778	(8)	25,006	159,468	
47		1840	U/G Conduit	1.67%		111,352	7,083	0	118,435	8,994	2,001	0	10,995	107,440	
47		1845	U/G Cond & Devices	2.22%		354,812	43,436	(433)	397,815	40,867	10,062	(23)	50,906	346,909	
47		1850	Line Transformers	2.92%	2	180,140	13,586	(1,901)	191,825	38,498	7,682	(166)	46,014	145,811	
47		1855	Services (OH and UG)	3.25%	2	75,922	4,203	0	80,125	21,389	3,580	0	24,969	55,156	
47		1860	Meters	5.33%	2	34,986	3,207	(1,176)	37,017	8,629	2,342	(588)	10,383	26,634	
47		1860	Smart Meters	6.67%		53,403	1,536	0	54,939	21,561	3,888	0	25,449	29,490	
47		1875	Streetlighting	4.00%		2,128	2	0	2,130	487	91	0	578	1,552	
		Subtotal Distribution Assets			n/a		1,345,460	148,671	(3,727)	1,490,404	216,359	45,353	(789)	260,923	1,229,481
General Plant Assets															
1		1908	Building & Fixtures - Head office	2.00%	1	47,711	403	0	48,114	5,836	1,073	0	6,909	41,205	
13		1910	Leasehold Improvements	30.00%		191	0	0	191	27	(1)	0	26	165	
8		1915	Office Equipment	10.00%		5,048	24	0	5,072	3,398	598	0	3,996	1,076	
50		1920	Computer hardware	20.42%	2	15,557	2,954	0	18,511	10,030	2,502	0	12,532	5,979	
12		1611	Computer Software	22.78%	2	80,056	10,466	0	90,522	24,787	10,103	0	34,890	55,632	
10		1930	Transportation	9.05%	2	19,690	2,686	0	22,376	9,572	2,046	0	11,618	10,758	
8		1935	Stores Equipment	10.00%		680	0	0	680	109	66	0	175	505	
8		1940	Tools, Shop & Garage	10.00%		5,353	473	0	5,826	2,649	507	0	3,156	2,670	
8		1955	Communication Equipment	21.67%	2	2,867	513	0	3,380	2,006	212	0	2,218	1,162	
8		1960	Miscellaneous equipment	10.00%		0	0	0	0	0	0	0	0	0	
47		1980	System Supervisory Equip	7.78%	2	14,201	1,093	0	15,294	6,555	1,064	0	7,619	7,675	
47		1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0	
		Subtotal General Plant Assets			n/a		191,354	18,612	0	209,966	64,969	18,170	0	83,139	126,827
Other Capital															
47		2005	Prop. Under Capital Lease-Addiscott	4.00%		17,549	0	0	17,549	4,390	731	0	5,121	12,428	
		Subtotal Other Capital Assets			n/a		17,549	0	0	17,549	4,390	731	0	5,121	12,428
		Total Assets Before Contributed Capital			n/a		1,554,363	167,283	(3,727)	1,717,919	285,718	64,254	(789)	349,183	1,368,736
47	1995/1996	Contributed Capital			varies		(365,197)	(22,923)	993	(387,126)	(55,501)	(11,322)	71	(66,752)	(320,375)
		NET DISTRIBUTION ASSETS			n/a		1,189,166	144,360	(2,734)	1,330,793	230,217	52,932	(718)	282,431	1,048,361
		Less Socialized Renewable Energy Generation Investments (input as negative) (5)					(3,034)	0	0	(3,034)	(479)	(108)	0	(587)	(2,447)
		Less Other Non Rate-Regulated Utility Assets (input as negative) (4)					168	(2)	0	166	(161)	(44)	0	(205)	371
		Total PP&E					1,186,300	144,358	(2,734)	1,327,924	229,577	52,780	(718)	281,639	1,046,283
Less: Fully Allocated Depreciation															
10		Transportation								\$	2,046				
8		Stores Equipment								\$	66				
8		Tools, Shop & Garage								\$	507				
		less - Non- distribution								-\$	44				
		Net Depreciation								\$	50,269				

NOTES:

- (1) This is the depreciation rate on the largest component within the asset class. Actual depreciation is calculated on the specific rate for each component within the class.
 (2) This is the average depreciation rate of the subclass of assets within the asset group
 (3) Work in progress expenditures have been removed
 (4) Non-distribution assets have been removed. For PowerStream the net impact is adding cost because the removal of the contributed capital on streetlighting nominally exceeded the cost

(5) Renewable Generation ("RGEN") accumulative capital costs for 2016 are included in the closing 2017 fixed assets balances. The renewable generation connection rate protection("RGCRP") additions represents 94% of the RGEN costs and for 2017 the calculated amount is \$67k. Upon approval PowerStream will receive the recoveries from Ontario ratepayers through the IESO. The residual 6%, otherwise known as the RGEN direct benefit, has been included in the above 2017 fixed asset additions and is added to rate base to be recovered from PowerStream ratepayers.

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Less: Fully Allocated Depreciation	
Transportation	\$ 2,156
Stores Equipment	\$ 66
Tools, Shop & Garage	\$ 522
less - Non- distribution	-\$ 44
Net Depreciation	\$ 52,955

Year	2019
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					COST (000's)				ACCUMULATIVE DEPRECIATION (000's)					
CCA Class	GL account	Detail Asset Class	Depreciation Rate	Notes	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Net Book Value (000's)	
Distribution Assets														
47	1610	Hydro One TS - Contributed Capital	2.50%		4,953	0	0	4,953	2,045	288	0	2,333	2,620	
n/a	1805	Land	0		26,445	758	0	27,203	0	0	0	0	27,203	
CEC	1612	Land Rights	0		1,009	35	0	1,044	0	0	0	0	1,044	
1	1808	Building & Fixtures	2.50%		7,238	137	0	7,375	1,678	227	0	1,905	5,470	
47	1810	Major spare parts	0		9,878	0	0	9,878	0	0	0	0	9,878	
47	1815	Transformer Stations	2.50%	1	138,871	4,262	0	143,133	34,688	4,771	0	39,459	103,674	
47	1820	Distribution Stations	3.33%	1	41,271	13,038	0	54,309	11,714	1,873	0	13,587	40,722	
47	1830	Poles, Towers & Fixtures	2.22%		230,731	18,249	(87)	248,893	28,359	5,553	(4)	33,908	214,985	
47	1835	O/H Cond & Devices	2.50%		206,657	29,344	(130)	235,871	30,308	5,917	(8)	36,217	199,654	
47	1840	U/G Conduit	1.67%		125,913	7,232	0	133,145	13,118	2,245	0	15,363	117,782	
47	1845	U/G Cond & Devices	2.22%		440,796	42,793	(433)	483,156	62,011	12,194	(23)	74,182	408,974	
47	1850	Line Transformers	2.92%	2	204,363	14,830	(1,901)	217,292	53,940	8,504	(166)	62,278	155,014	
47	1855	Services (OH and UG)	3.25%	2	84,533	4,842	0	89,375	28,612	3,737	0	32,349	57,026	
47	1860	Meters	5.33%	2	40,207	5,416	(1,176)	44,447	12,339	2,748	(588)	14,499	29,948	
47	1860	Smart Meters	6.67%		56,198	1,248	0	57,446	29,452	4,174	0	33,626	23,820	
47	1875	Streetlighting	4.00%		2,132	2	0	2,134	669	91	0	760	1,374	
	Subtotal Distribution Assets		n/a		1,621,195	142,186	(3,727)	1,759,654	308,933	52,322	(789)	360,466	1,399,188	
General Plant Assets														
1	1908	Building & Fixtures - Head office	2.00%	1	48,521	417	0	48,938	7,991	1,090	0	9,081	39,857	
13	1910	Leasehold Improvements	30.00%		191	0	0	191	25	(1)	0	24	167	
8	1915	Office Equipment	10.00%		5,107	13	0	5,120	4,423	246	0	4,669	451	
50	1920	Computer hardware	20.42%	2	19,866	2,310	0	22,176	15,273	2,559	0	17,832	4,344	
12	1611	Computer Software	22.78%	2	96,842	7,880	0	104,722	44,897	10,455	0	55,352	49,370	
10	1930	Transportation	9.05%	2	25,286	3,098	0	28,384	13,774	2,362	0	16,136	12,248	
8	1935	Stores Equipment	10.00%		680	0	0	680	241	66	0	307	373	
8	1940	Tools, Shop & Garage	10.00%		6,399	589	0	6,988	3,678	542	0	4,220	2,768	
8	1955	Communication Equipment	21.67%	2	3,697	317	0	4,014	2,433	202	0	2,635	1,379	
8	1960	Miscellaneous equipment	10.00%		0	0	0	0	0	0	0	0	0	
47	1980	System Supervisory Equip	7.78%	2	16,110	1,159	0	17,269	8,690	1,080	0	9,770	7,499	
47	1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0	
	Subtotal General Plant Assets		n/a		222,699	15,783	0	238,482	101,425	18,601	0	120,026	118,456	
Other Capital														
47	2005	Prop. Under Capital Lease-Addiscott	4.00%		17,549	0	0	17,549	5,852	731	0	6,583	10,966	
	Subtotal Other Capital Assets		n/a		17,549	0	0	17,549	5,852	731	0	6,583	10,966	
	Total Assets Before Contributed Capital		n/a		1,861,443	157,969	(3,727)	2,015,685	416,210	71,654	(789)	487,075	1,528,610	
47	1995/1996	Contributed Capital	varies		(409,966)	(23,802)	993	(432,775)	(78,755)	(12,831)	71	(91,515)	(341,261)	
	NET DISTRIBUTION ASSETS		n/a		1,451,477	134,167	(2,734)	1,582,910	337,455	58,823	(718)	395,560	1,187,349	
	Less Socialized Renewable Energy Generation Investments (input as negative) (5)				(3,034)	0	0	(3,034)	(693)	(105)	0	(798)	(2,236)	
	Less Other Non Rate-Regulated Utility Assets (input as negative) (4)				164	(2)	0	161	(249)	(44)	0	(293)	454	
	Total PP&E				1,448,606	134,164	(2,734)	1,580,037	336,514	58,674	(718)	394,469	1,185,566	
Less: Fully Allocated Depreciation														
10	Transportation								\$	2,362				
8	Stores Equipment								\$	66				
8	Tools, Shop & Garage								\$	542				
									-\$	44				
									\$	55,809				
NOTES:														
(1) This is the depreciation rate on the largest component within the asset class. Actual depreciation is calculated on the specific rate for each component within the class.														
(2) This is the average depreciation rate of the subclass of assets within the asset group														
(3) Work in progress expenditures have been removed														
(4) Non-distribution assets have been removed. For PowerStream the net impact is adding cost because the removal of the contributed capital on streetlighting nominally exceeded the cost														
(5) Renewable Generation ("RGEN") accumulative capital costs for 2018 are included in the closing 2019 fixed assets balances. The renewable generation connection rate protection("RRCRP") additions represents 94% of the RGEN costs and for 2018 there are no additional costs. Upon approval PowerStream will receive the recoveries from Ontario ratepayers through the IESO. The residual 6%, otherwise known as the RGEN direct benefit, is included in the 2018 fixed asset depreciation and is added to rate base to be recovered from PowerStream ratepayers.														

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					COST (000's)				ACCUMULATIVE DEPRECIATION (000's)					
CCA Class	GL account	Detail Asset Class	Depreciation Rate	Notes	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Net Book Value (000's)	
Distribution Assets														
47	1610	Hydro One TS - Contributed Capital	2.50%		4,953	0	0	4,953	2,333	288	0	2,621	2,332	
n/a	1805	Land	0		27,203	10	0	27,213	0	0	0	27,213	27,213	
CEC	1612	Land Rights	0		1,044	36	0	1,080	0	0	0	1,080	1,080	
1	1808	Building & Fixtures	2.50%		7,375	139	0	7,514	1,905	231	0	2,136	5,378	
47	1810	Major spare parts	0		9,878	0	0	9,878	0	0	0	9,878	9,878	
47	1815	Transformer Stations	2.50%	1	143,133	3,697	0	146,830	39,459	4,859	0	44,318	102,512	
47	1820	Distribution Stations	3.33%	1	54,309	7,656	0	61,965	13,587	2,105	0	15,692	46,273	
47	1830	Poles, Towers & Fixtures	2.22%		248,893	18,906	(87)	267,712	33,908	5,974	(4)	39,878	227,834	
47	1835	O/H Cond & Devices	2.50%		235,871	21,065	(130)	256,806	36,217	6,556	(8)	42,765	214,041	
47	1840	U/G Conduit	1.67%		133,145	7,902	0	141,047	15,363	2,375	0	17,738	123,309	
47	1845	U/G Cond & Devices	2.22%		483,156	48,289	(433)	531,012	74,182	13,273	(23)	87,432	443,580	
47	1850	Line Transformers	2.92%	2	217,292	14,552	(1,901)	229,943	62,278	8,909	(166)	71,021	158,922	
47	1855	Services (OH and UG)	3.25%	2	89,375	4,777	0	94,152	32,349	3,864	0	36,213	57,939	
47	1860	Meters	5.33%	2	44,447	2,865	(1,176)	46,136	14,499	2,930	(588)	16,841	29,295	
47	1860	Smart Meters	6.67%		57,446	5,655	0	63,101	33,626	4,480	0	38,106	24,995	
47	1875	Streetlighting	4.00%		2,134	2	0	2,136	760	91	0	851	1,285	
		Subtotal Distribution Assets	n/a		1,759,654	135,551	(3,727)	1,891,478	360,466	55,935	(789)	415,612	1,475,866	
General Plant Assets														
1	1908	Building & Fixtures - Head office	2.00%	1	48,938	417	0	49,355	9,081	1,101	0	10,182	39,173	
13	1910	Leasehold Improvements	30.00%		191	0	0	191	24	(1)	0	23	168	
8	1915	Office Equipment	10.00%		5,120	286	0	5,406	4,669	175	0	4,844	562	
50	1920	Computer hardware	20.42%	2	22,176	2,531	0	24,707	17,832	2,650	0	20,482	4,225	
12	1611	Computer Software	22.78%	2	104,722	8,212	0	112,934	55,352	10,596	0	65,948	46,986	
10	1930	Transportation	9.05%	2	28,384	2,948	0	31,332	16,136	2,373	0	18,509	12,823	
8	1935	Stores Equipment	10.00%		680	0	0	680	307	66	0	373	307	
8	1940	Tools, Shop & Garage	10.00%		6,988	543	0	7,531	4,220	553	0	4,773	2,758	
8	1955	Communication Equipment	21.67%	2	4,014	310	0	4,324	2,635	206	0	2,841	1,483	
8	1960	Miscellaneous equipment	10.00%		0	0	0	0	0	0	0	0	0	
47	1980	System Supervisory Equip	7.78%	2	17,269	1,204	0	18,473	9,770	1,120	0	10,890	7,583	
47	1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0	
		Subtotal General Plant Assets	n/a		238,482	16,451	0	254,933	120,026	18,839	0	138,865	116,068	
Other Capital														
47	2005	Prop. Under Capital Lease-Addiscott	4.00%		17,549	0	0	17,549	6,583	733	0	7,316	10,233	
		Subtotal Other Capital Assets	n/a		17,549	0	0	17,549	6,583	733	0	7,316	10,233	
		Total Assets Before Contributed Capital	n/a		2,015,685	152,002	(3,727)	2,163,960	487,075	75,507	(789)	561,793	1,602,167	
47	1995/1996	Contributed Capital	varies		(432,775)	(25,323)	993	(457,105)	(91,515)	(13,522)	71	(104,967)	(352,139)	
		NET DISTRIBUTION ASSETS	n/a		1,582,910	126,679	(2,734)	1,706,855	395,560	61,985	(718)	455,826	1,250,028	
		Less Socialized Renewable Energy Generation Investments (input as negative) (5)			(3,034)	0	0	(3,034)	(798)	(104)	0	(902)	(2,132)	
		Less Other Non Rate-Regulated Utility Assets (input as negative) (4)			161	(2)	0	159	(293)	(44)	0	(337)	496	
		Total PP&E			1,580,037	126,677	(2,734)	1,703,980	394,469	61,837	(718)	455,588	1,248,393	
Less: Fully Allocated Depreciation														
10		Transportation							\$	2,373				
8		Stores Equipment							\$	66				
8		Tools, Shop & Garage							\$	553				
									\$	44				
									\$	58,949				
NOTES:														
(1) This is the depreciation rate on the largest component within the asset class. Actual depreciation is calculated on the specific rate for each component within the class.														
(2) This is the average depreciation rate of the subclass of assets within the asset group														
(3) Work in progress expenditures have been removed														
(4) Non-distribution assets have been removed. For PowerStream the net impact is adding cost because the removal of the contributed capital on streetlighting nominally exceeded the cost														
(5) Renewable Generation ("RGEN") accumulative capital costs for 2020 are included in the closing 2020 fixed assets balances. The renewable generation connection rate protection("RCGRP") additions represents 94% of the RGEN costs and for 2019 and 2020 there are no additional costs. Upon approval PowerStream will receive the recoveries from Ontario ratepayers through the IESO. The residual 6%, otherwise known as the RGEN direct benefit, is included in the 2020 fixed asset balances and is added to rate base to be recovered from PowerStream ratepayers.														

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Appendix 2-CD9 Depreciation and Amortization Expense

Year: 2020 MIFRS

Account	Description	2020 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2020 Calculated Depreciation Expense	2020 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f) - (j)	
1805	Land	\$ 27,202,613		\$ 27,202,613	\$ 9,923		\$ 27,207,575	-					
1806	Land Rights	\$ 1,042,764		\$ 1,042,764	\$ 36,370		\$ 1,060,949	-					
1808	Buildings	\$ 7,374,877		\$ 7,374,877	\$ 138,805		\$ 7,444,280	40.00	2.50%	\$ 186,107	\$ 231,012	\$ (44,905)	No
1810	Major Spare Parts	\$ 9,878,496		\$ 9,878,496	\$ -		\$ 9,878,496	-					
1815	Transformer Station Equipment >50 kV	\$ (1,155,943)		\$ (1,155,943)	\$ (16,856)		\$ (1,164,371)	40.00	2.50%	\$ (29,109)	\$ (27,910)	\$ (1,199)	No
1815	TS - Power Transformer & Other	\$ 34,197,834		\$ 34,197,834	\$ 1,788,084		\$ 35,091,875	40.00	2.50%	\$ 877,297	\$ 949,748	\$ (72,451)	No
1815	TS - Tap Changer	\$ 10,282,262	\$ 2,061,780	\$ 8,220,482	\$ 8,971		\$ 8,224,967	25.00	4.00%	\$ 328,999	\$ 399,559	\$ (70,561)	No
1815	TS - Winding	\$ 40,774,472		\$ 40,774,472	\$ -		\$ 40,774,472	40.00	2.50%	\$ 1,019,362	\$ 1,346,176	\$ (326,814)	No
1815	TS - Support Steel Structure	\$ 7,040,427		\$ 7,040,427	\$ 89,704		\$ 7,085,279	40.00	2.50%	\$ 177,132	\$ 230,003	\$ (52,871)	No
1815	TS- Grounding Station	\$ 4,975,880		\$ 4,975,880	\$ 8,971		\$ 4,980,365	40.00	2.50%	\$ 124,509	\$ 168,062	\$ (43,553)	No
1815	TS - P&C System	\$ 10,075,677	\$ 1,292,874	\$ 8,782,803	\$ 907,899		\$ 9,236,752	20.00	5.00%	\$ 461,838	\$ 543,334	\$ (81,496)	No
1815	TS - Switchgear & Relays	\$ 31,516,264	\$ 1,200,271	\$ 30,315,993	\$ 904,758		\$ 30,768,371	30.00	3.33%	\$ 1,025,612	\$ 1,274,347	\$ (248,734)	No
1815	TS - Capacitor Banks	\$ 5,426,910	\$ 266,727	\$ 5,160,183	\$ 5,404		\$ 5,162,885	30.00	3.33%	\$ 172,096	\$ 181,674	\$ (9,578)	No
Subtotal 1815										\$ 4,157,735	\$ 5,064,992	\$ (907,257)	
1820	Distribution Station Equipment <50 kV	\$ (2,090,988)		\$ (2,090,988)	\$ 1,760,575		\$ (1,210,700)	30.00	3.33%	\$ (40,357)	\$ (70,708)	\$ 30,351	No
1820	MS - Power Transformer	\$ 40,174,455		\$ 40,174,455	\$ 4,631,451		\$ 42,490,181	40.00	2.50%	\$ 1,062,255	\$ 1,131,762	\$ (69,508)	No
1820	MS - Protection & Control	\$ 11,237,434	\$ 3,245,131	\$ 7,992,303	\$ 113,744		\$ 8,049,175	20.00	5.00%	\$ 402,459	\$ 626,222	\$ (223,763)	No
1820	MS - SwitchGear	\$ 4,987,130	\$ 213,672	\$ 4,773,458	\$ 1,150,412		\$ 5,348,664	30.00	3.33%	\$ 178,289	\$ 212,054	\$ (33,765)	No
Subtotal 1820										\$ 1,602,645	\$ 1,899,330	\$ (296,685)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1830	Poles, Towers & Fixtures	\$ 248,892,798		\$ 248,892,798	\$ 18,905,869	\$ (86,967)	\$ 258,302,249	45.00	2.22%	\$ 5,740,050	\$ 5,974,425	\$ (234,375)	No
1835	Overhead Conductors & Devices	\$ 235,868,911		\$ 235,868,911	\$ 21,064,588	\$ (130,288)	\$ 246,336,061	40.00	2.50%	\$ 6,158,402	\$ 6,556,452	\$ (398,050)	No
1840	Underground Conduit	\$ 133,144,382	\$ 690,172	\$ 132,454,210	\$ 7,901,972		\$ 136,405,196	60.00	1.67%	\$ 2,273,420	\$ 2,375,315	\$ (101,895)	No
1845	Underground Conductors & Devices	\$ 450,986,257	\$ 7,448,181	\$ 443,538,076	\$ 43,662,875	\$ (433,075)	\$ 465,152,976	45.00	2.22%	\$ 10,336,733	\$ 11,520,997	\$ (1,184,264)	No
1845	Underground Rehab. Cable injection	\$ 32,169,004		\$ 32,169,004	\$ 4,626,219		\$ 34,482,114	20.00	5.00%	\$ 1,724,106	\$ 1,752,057	\$ (27,951)	No
1849	Overhead Transformers	\$ 22,430,145		\$ 22,430,145	\$ 1,381,351	\$ (586,943)	\$ 22,827,349	40.00	2.50%	\$ 570,684	\$ 788,730	\$ (218,046)	No
1850	Underground Transformers	\$ 194,864,137	\$ 3,157,726	\$ 191,706,411	\$ 13,170,993	\$ (1,313,699)	\$ 197,635,058	30.00	3.33%	\$ 6,587,835	\$ 8,120,280	\$ (1,532,445)	No
1855	Overhead services	\$ 18,229,506		\$ 18,229,506	\$ 1,136,905		\$ 18,797,959	40.00	2.50%	\$ 469,949	\$ 423,972	\$ 45,977	No
1856	Underground Services	\$ 71,144,950		\$ 71,144,950	\$ 3,639,819		\$ 72,964,859	25.00	4.00%	\$ 2,918,594	\$ 3,439,693	\$ (521,099)	No
1860	Meters	\$ 12,039,955	\$ 9,434	\$ 12,030,521	\$ 1,245,486	\$ (1,175,717)	\$ 12,065,405	25.00	4.00%	\$ 482,616	\$ 775,122	\$ (292,506)	No
1861	Interval Meters	\$ 29,775,649		\$ 29,775,649	\$ 1,619,315		\$ 30,585,307	15.00	6.67%	\$ 2,039,020	\$ 2,155,190	\$ (116,169)	No
1862	Smart Meters	\$ 60,077,529		\$ 60,077,529	\$ 5,654,698		\$ 62,904,878	15.00	6.67%	\$ 4,193,659	\$ 4,479,848	\$ (286,190)	No
1870	Leased Properties	\$ 191,136		\$ 191,136	\$ -		\$ 191,136	10.00	10.00%	\$ 19,114	\$ (1,259)	\$ 20,373	No
1908	Buildings & Fixtures	\$ 28,750,814	\$ 654,835	\$ 28,095,979	\$ 417,027		\$ 28,304,493	50.00	2.00%	\$ 566,090	\$ 595,364	\$ (29,274)	No
1908	Building & Fixtures - Structure	\$ 17,401,865	\$ 19,085	\$ 17,382,780	\$ -		\$ 17,382,780	50.00	2.00%	\$ 347,656	\$ 404,088	\$ (56,432)	No
1908	Building & Fixtures - Windows	\$ 2,785,050		\$ 2,785,050	\$ -		\$ 2,785,050	30.00	3.33%	\$ 92,835	\$ 101,319	\$ (8,484)	No
Subtotal 1908										\$ 1,006,580	\$ 1,100,771	\$ (94,190)	
1915	Office Furniture & Equipment	\$ 5,120,101	\$ 2,898,349	\$ 2,221,752	\$ 286,252		\$ 2,364,877	10.00	10.00%	\$ 236,488	\$ 174,564	\$ 61,924	No
1920	Computer Equipment - Hardware	\$ 0		\$ 0	\$ -		\$ 0	5.00	20.00%	\$ 0	\$ (8,269)	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 5,219,134	\$ 3,612,581	\$ 1,606,553	\$ 531,985		\$ 1,872,545	4.00	25.00%	\$ 468,136	\$ 685,311	\$ (217,175)	No
1920	HW - Servers	\$ 13,630,033	\$ 6,796,646	\$ 6,833,386	\$ 1,893,578		\$ 7,780,175	5.00	20.00%	\$ 1,556,035	\$ 1,715,846	\$ (159,811)	No
1920	HW - MFP's	\$ 1,154,931	\$ 682,241	\$ 472,690	\$ 40,000		\$ 492,690	5.00	20.00%	\$ 98,538	\$ 124,067	\$ (25,529)	No
1920	HW - Switches/Routers	\$ 2,171,613	\$ 1,925,575	\$ 246,038	\$ 65,265		\$ 278,670	6.00	16.67%	\$ 46,445	\$ 133,004	\$ (86,559)	No
Subtotal 1920										\$ 2,169,154	\$ 2,649,959	\$ (480,804)	

**Appendix 2-CD9
Depreciation and Amortization Expense**

Year: **2020** MIFRS

Account	Description	2020 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2020 Calculated Depreciation Expense	2020 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1611	Computer Software	\$ 39,627,424	\$ 27,626,244	\$ 12,001,181	\$ 5,301,802		\$ 14,652,081	4.00	25.00%	\$ 3,663,020	\$ 4,000,933	\$ (337,913)	No
1611	Software Operations	\$ 112,040	\$ 112,795	\$ (755)	\$ -		\$ (755)	3.00	33.33%	\$ (252)	\$ (14,848)	\$ 14,596	No
1611	CIS software	\$ 64,982,116		\$ 64,982,116	\$ 2,910,400		\$ 66,437,316	10.00	10.00%	\$ 6,643,732	\$ 6,609,595	\$ 34,136	No
Subtotal 1611										\$ 10,306,500	\$ 10,595,681	\$ (289,181)	
1930	Transportation Equipment - Light Vehicles	\$ 11,993,805	\$ 9,233,092	\$ 2,760,712	\$ 1,423,100		\$ 3,472,262	7.00	14.29%	\$ 496,037	\$ 1,077,900	\$ (581,863)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 16,225,440	\$ 674	\$ 16,224,767	\$ 1,524,750		\$ 16,987,142	12.00	8.33%	\$ 1,415,595	\$ 1,286,542	\$ 129,053	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,083	\$ (557)	No
Subtotal 1930										\$ 1,919,158	\$ 2,372,525	\$ (453,366)	
1935	Stores Equipment	\$ 680,931		\$ 680,931	\$ -		\$ 680,931	10.00	10.00%	\$ 68,093	\$ 65,662	\$ 2,431	No
1940	Tools, Shop & Garage Equipment	\$ 6,988,671	\$ 1,921,276	\$ 5,067,395	\$ 543,314		\$ 5,339,052	10.00	10.00%	\$ 533,905	\$ 552,841	\$ (18,935)	No
1955	Communications Equipment	\$ 3,955,617	\$ 2,196,449	\$ 1,759,168	\$ 309,642		\$ 1,913,989	6.00	16.67%	\$ 318,998	\$ 206,272	\$ 112,727	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 58,854	\$ -	\$ -		\$ -	3.00	33.33%	\$ -	\$ (0)	\$ 0	No
Subtotal 1955										\$ 318,998	\$ 206,272	\$ 112,727	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering			\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 4,355,381	\$ 825,693	\$ 3,529,687	\$ 197,297		\$ 3,628,336	15.00	6.67%	\$ 241,889	\$ 283,314	\$ (41,425)	No
1980	RTU	\$ 9,341,550	\$ 3,066,745	\$ 6,274,805	\$ 296,250		\$ 6,422,930	15.00	6.67%	\$ 428,195	\$ 494,861	\$ (66,665)	No
1980	Display Wall	\$ 3,572,908	\$ 525,678	\$ 3,047,231	\$ 710,789		\$ 3,402,626	10.00	10.00%	\$ 340,263	\$ 341,904	\$ (1,642)	No
Subtotal 1980										\$ 1,010,347	\$ 1,120,080	\$ (109,733)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -			
1995	Contributions & Grants	\$ (430,481,036)	\$ (407,334)	\$ (430,073,702)	\$ (25,322,604)	\$ 992,581	\$ (442,238,714)	38.00	2.63%	\$ (11,637,861)	\$ (13,475,689)	\$ 1,837,828	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -		\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 732,713	\$ (30,750)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,953,507		\$ 4,953,507	\$ -		\$ 4,953,507	25.00	4.00%	\$ 198,140	\$ 288,281	\$ (90,141)	No
				\$ -			\$ -						
				\$ -			\$ -						
				\$ -			\$ -						
	Total	\$ 1,583,070,316	\$ 81,335,444	\$ 1,501,734,872	\$ 126,677,149	\$ (2,734,108)	\$ 1,563,706,393			\$ 56,292,136	\$ 61,939,770	\$ (5,647,634)	

\$ (5,647,634) [check]

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2020 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

Reconciliation with Appendix 2 BA: filed August 21, 2015	
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**Appendix 2-CD8
 Depreciation and Amortization Expense**

Year: 2019 MIFRS

Account	Description	2019 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2019 Calculated Depreciation Expense	2019 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + 1/2 x (d) + 1/2 x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)	(k) = (f)-(i)	
1805	Land	\$ 26,444,320		\$ 26,444,320	\$ 758,294		\$ 26,823,467	-					
1806	Land Rights	\$ 1,007,352		\$ 1,007,352	\$ 35,412		\$ 1,025,058	-					
1808	Buildings	\$ 7,237,891		\$ 7,237,891	\$ 136,987		\$ 7,306,384	40.00	2.50%	\$ 182,660	\$ 226,986	\$ (44,327)	No
1810	Major Spare Parts	\$ 9,878,496					\$ -	-					
1815	Transformer Station Equipment >50 kV	\$ (1,109,969)		\$ (1,109,969)	\$ (45,974)		\$ (1,132,956)	40.00	2.50%	\$ (28,324)	\$ (27,125)	\$ (1,199)	No
1815	TS - Power Transformer & Other	\$ 33,299,865		\$ 33,299,865	\$ 897,968		\$ 33,748,849	40.00	2.50%	\$ 843,721	\$ 915,225	\$ (71,504)	No
1815	TS - Tap Changer	\$ 10,273,445	\$ 2,060,469	\$ 8,212,976	\$ 8,817		\$ 8,217,384	25.00	4.00%	\$ 328,695	\$ 398,394	\$ (69,698)	No
1815	TS - Winding	\$ 40,774,472		\$ 40,774,472	\$ -		\$ 40,774,472	40.00	2.50%	\$ 1,019,362	\$ 1,342,594	\$ (323,232)	No
1815	TS - Support Steel Structure	\$ 7,026,206		\$ 7,026,206	\$ 14,220		\$ 7,033,316	40.00	2.50%	\$ 175,833	\$ 228,093	\$ (52,260)	No
1815	TS - Grounding Station	\$ 4,856,018		\$ 4,856,018	\$ 119,861		\$ 4,915,949	40.00	2.50%	\$ 122,899	\$ 166,018	\$ (43,119)	No
1815	TS - P&C System	\$ 8,978,858	\$ 1,059,932	\$ 7,918,926	\$ 1,096,819		\$ 8,467,336	20.00	5.00%	\$ 423,367	\$ 505,147	\$ (81,781)	No
1815	TS - Switchgear & Relays	\$ 29,370,410	\$ 1,203,136	\$ 28,167,275	\$ 2,145,854		\$ 29,240,202	30.00	3.33%	\$ 974,673	\$ 1,259,100	\$ (284,426)	No
1815	TS - Capacitor Banks	\$ 5,401,990	\$ 267,363	\$ 5,134,627	\$ 24,920		\$ 5,147,087	30.00	3.33%	\$ 171,570	\$ 189,098	\$ (17,528)	No
Subtotal 1815										\$ 4,031,796	\$ 4,976,544	\$ (944,748)	
1820	Distribution Station Equipment <50 kV	\$ (12,474,386)		\$ (12,474,386)	\$ 10,383,398		\$ (7,282,687)	30.00	3.33%	\$ (242,756)	\$ (273,107)	\$ 30,351	No
1820	MS - Power Transformer	\$ 38,614,954		\$ 38,614,954	\$ 1,559,501		\$ 39,394,705	40.00	2.50%	\$ 984,868	\$ 1,053,460	\$ (68,592)	No
1820	MS - Protection & Control	\$ 10,952,881	\$ 1,670,539	\$ 9,282,342	\$ 284,553		\$ 9,424,618	20.00	5.00%	\$ 471,231	\$ 700,560	\$ (229,329)	No
1820	MS - SwitchGear	\$ 4,176,644	\$ 136,062	\$ 4,040,581	\$ 810,486		\$ 4,445,824	30.00	3.33%	\$ 148,194	\$ 186,344	\$ (38,150)	No
Subtotal 1820										\$ 1,361,536	\$ 1,667,256	\$ (305,720)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1830	Poles, Towers & Fixtures	\$ 230,731,050		\$ 230,731,050	\$ 18,248,715	\$ (86,967)	\$ 239,811,924	45.00	2.22%	\$ 5,329,154	\$ 5,553,001	\$ (223,847)	No
1835	Overhead Conductors & Devices	\$ 206,655,631		\$ 206,655,631	\$ 29,343,568	\$ (130,288)	\$ 221,262,271	40.00	2.50%	\$ 5,531,557	\$ 5,916,953	\$ (385,396)	No
1840	Underground Conduit	\$ 125,912,777	\$ 577,808	\$ 125,334,969	\$ 7,231,605		\$ 128,950,771	60.00	1.67%	\$ 2,149,180	\$ 2,245,165	\$ (95,985)	No
1845	Underground Conductors & Devices	\$ 413,125,857	\$ 6,072,788	\$ 407,053,069	\$ 38,293,475	\$ (433,075)	\$ 425,983,269	45.00	2.22%	\$ 9,466,295	\$ 10,670,063	\$ (1,203,768)	No
1845	Underground Rehab. Cable Injection	\$ 27,669,682		\$ 27,669,682	\$ 4,499,323		\$ 29,919,343	20.00	5.00%	\$ 1,495,967	\$ 1,523,918	\$ (27,951)	No
1849	Overhead Transformers	\$ 21,630,657		\$ 21,630,657	\$ 1,386,431	\$ (586,943)	\$ 22,030,401	40.00	2.50%	\$ 550,760	\$ 752,282	\$ (201,522)	No
1850	Underground Transformers	\$ 182,734,171	\$ 2,256,451	\$ 180,477,720	\$ 13,443,665	\$ (1,313,699)	\$ 186,542,703	30.00	3.33%	\$ 6,218,090	\$ 7,751,242	\$ (1,533,152)	No
1855	Overhead services	\$ 17,105,269		\$ 17,105,269	\$ 1,124,238		\$ 17,667,388	40.00	2.50%	\$ 441,685	\$ 394,817	\$ 46,868	No
1856	Underground Services	\$ 67,427,565		\$ 67,427,565	\$ 3,717,385		\$ 69,286,257	25.00	4.00%	\$ 2,771,450	\$ 3,342,416	\$ (570,966)	No
1860	Meters	\$ 11,967,441	\$ 9,434	\$ 11,958,007	\$ 1,248,230	\$ (1,175,717)	\$ 11,994,264	25.00	4.00%	\$ 479,771	\$ 723,754	\$ (243,983)	No
1861	Interval Meters	\$ 27,577,473		\$ 27,577,473	\$ 2,198,176		\$ 28,676,561	15.00	6.67%	\$ 1,911,771	\$ 2,024,696	\$ (112,925)	No
1862	Smart Meters	\$ 56,860,394		\$ 56,860,394	\$ 3,217,136		\$ 58,468,961	15.00	6.67%	\$ 3,897,931	\$ 4,174,481	\$ (276,550)	No
1870	Leased Properties	\$ 191,136		\$ 191,136	\$ -		\$ 191,136	10.00	10.00%	\$ 19,114	\$ (1,281)	\$ 20,395	No
1908	Buildings & Fixtures	\$ 28,334,079	\$ 654,835	\$ 27,679,245	\$ 416,734		\$ 27,887,612	50.00	2.00%	\$ 557,752	\$ 585,793	\$ (28,041)	No
1908	Building & Fixtures - Structure	\$ 17,401,865	\$ 19,085	\$ 17,382,780	\$ -		\$ 17,382,780	50.00	2.00%	\$ 347,656	\$ 402,993	\$ (55,338)	No
1908	Building & Fixtures - Windows	\$ 2,785,050		\$ 2,785,050	\$ -		\$ 2,785,050	30.00	3.33%	\$ 92,835	\$ 101,044	\$ (8,209)	No
Subtotal 1908										\$ 998,243	\$ 1,089,831	\$ (91,588)	

**Appendix 2-CD8
Depreciation and Amortization Expense**

Year: 2019 MIFRS

Account	Description	2019 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ² (e) = (c) + ½ x (d) + ½ x (f)	Years	Depreciation Rate	2019 Calculated Depreciation Expense	2019 Forecast Depreciation Expense	Differences ⁵ (k) = (f)-(j)	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)		(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)		
1915	Office Furniture & Equipment	\$ 5,106,726	\$ 2,898,349	\$ 2,208,376	\$ 13,375		\$ 2,215,064	10.00	10.00%	\$ 221,506	\$ 245,982	\$ (24,476)	No
1920	Computer Equipment - Hardware	\$ 0		\$ 0	\$ -		\$ 0	5.00	20.00%	\$ 0	\$ (8,269)	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 4,692,480	\$ 2,983,173	\$ 1,709,307	\$ 526,654		\$ 1,972,634	4.00	25.00%	\$ 493,158	\$ 710,334	\$ (217,175)	No
1920	HW - Servers	\$ 11,950,033	\$ 5,806,970	\$ 6,143,063	\$ 1,680,000		\$ 6,983,062	5.00	20.00%	\$ 1,396,612	\$ 1,553,678	\$ (157,066)	No
1920	HW - MFP's	\$ 1,114,931	\$ 653,167	\$ 461,764	\$ 40,000		\$ 481,764	5.00	20.00%	\$ 96,353	\$ 124,627	\$ (28,274)	No
1920	HW - Switches/Routers	\$ 2,108,172	\$ 1,615,358	\$ 492,813	\$ 63,441		\$ 524,534	6.00	16.67%	\$ 87,422	\$ 179,013	\$ (91,591)	No
Subtotal 1920										\$ 2,073,546	\$ 2,559,383	\$ (485,837)	
1611	Computer Software	\$ 34,655,939	\$ 21,945,363	\$ 12,710,576	\$ 4,971,485		\$ 15,196,319	4.00	25.00%	\$ 3,799,080	\$ 4,136,993	\$ (337,913)	No
1611	Software Operations	\$ 112,040	\$ 112,795	\$ (755)	\$ -		\$ (755)	3.00	33.33%	\$ (252)	\$ (312)	\$ 60	No
1611	CIS software	\$ 62,073,916		\$ 62,073,916	\$ 2,908,200		\$ 63,528,016	10.00	10.00%	\$ 6,352,802	\$ 6,318,665	\$ 34,136	No
Subtotal 1611										\$ 10,151,630	\$ 10,455,346	\$ (303,717)	
1930	Transportation Equipment - Light Vehicles	\$ 10,629,555	\$ 6,110,419	\$ 4,519,135	\$ 1,364,250		\$ 5,201,260	7.00	14.29%	\$ 743,037	\$ 1,060,093	\$ (317,055)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 14,492,040	\$ 674	\$ 14,491,367	\$ 1,733,400		\$ 15,358,067	12.00	8.33%	\$ 1,279,839	\$ 1,293,766	\$ (13,927)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,061	\$ (535)	No
Subtotal 1930										\$ 2,030,402	\$ 2,361,919	\$ (331,518)	
1935	Stores Equipment	\$ 680,931		\$ 680,931	\$ -		\$ 680,931	10.00	10.00%	\$ 68,093	\$ 65,660	\$ 2,433	No
1940	Tools, Shop & Garage Equipment	\$ 6,399,423	\$ 1,519,414	\$ 4,880,008	\$ 589,248		\$ 5,174,632	10.00	10.00%	\$ 517,463	\$ 541,609	\$ (24,146)	No
1955	Communications Equipment	\$ 3,638,584	\$ 2,056,756	\$ 1,581,827	\$ 317,034		\$ 1,740,344	6.00	16.67%	\$ 290,057	\$ 202,404	\$ 87,653	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 58,854	\$ -	\$ -		\$ -	3.00	33.33%	\$ -	\$ (0)	\$ 0	No
Subtotal 1955										\$ 290,057	\$ 202,404	\$ 87,653	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 4,216,742	\$ 695,808	\$ 3,520,934	\$ 138,639		\$ 3,590,254	15.00	6.67%	\$ 239,350	\$ 284,645	\$ (45,295)	No
1980	RTU	\$ 9,031,288	\$ 2,580,336	\$ 6,450,952	\$ 310,262		\$ 6,606,083	15.00	6.67%	\$ 440,406	\$ 521,619	\$ (81,213)	No
1980	Display Wall	\$ 2,862,363	\$ 482,969	\$ 2,379,394	\$ 710,546		\$ 2,734,667	10.00	10.00%	\$ 273,467	\$ 274,238	\$ (771)	No
Subtotal 1980										\$ 953,222	\$ 1,080,502	\$ (127,279)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -			
1995	Contributions & Grants	\$ (407,671,324)	\$ (376,678)	\$ (407,294,646)	\$ (23,802,293)	\$ 992,581	\$ (418,699,502)	38.00	2.63%	\$ (11,018,408)	\$ (12,784,016)	\$ 1,765,608	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082			\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 730,711	\$ (28,748)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,953,507		\$ 4,953,507			\$ 4,953,507	25.00	4.00%	\$ 198,140	\$ 288,281	\$ (90,141)	No
				\$ -			\$ -						
				\$ -			\$ -						
Total										\$ 53,024,573	\$ 58,779,861	\$ (5,755,287)	

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2019 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

Deduct: Socialized renewable generation	\$ (106,000)
Depreciation Additions per 2015 Appendix 2-BA	\$ 58,673,861
Depreciation Additions per 2015 Appendix 2-BA (\$000)	\$ 58,674

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**Appendix 2-CD7
 Depreciation and Amortization Expense**

Year: 2018 MIFRS

Account	Description	2018 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2018 Calculated Depreciation Expense	2018 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f) - (j)	
1805	Land	\$ 26,435,637		\$ 26,435,637	\$ 8,682		\$ 26,439,979	-					
1806	Land Rights	\$ 972,810		\$ 972,810	\$ 34,542		\$ 990,081	-					
1808	Buildings	\$ 7,082,078		\$ 7,082,078	\$ 155,812		\$ 7,159,984	40.00	2.50%	\$ 179,000	\$ 223,326	\$ (44,327)	No
1810	Major Spare Parts	\$ 9,878,496			\$ -		\$ -	-					
1815	Transformer Station Equipment >50 kV	\$ (1,315,377)			\$ 205,408		\$ 102,704	40.00	2.50%	\$ 2,568	\$ (29,118)	\$ 31,685	No
1815	TS - Power Transformer & Other	\$ 32,625,336		\$ 32,625,336	\$ 674,530		\$ 32,962,601	40.00	2.50%	\$ 824,065	\$ 895,569	\$ (71,504)	No
1815	TS - Tap Changer	\$ 10,209,782	\$ 2,057,538	\$ 8,152,244	\$ 63,663		\$ 8,184,076	25.00	4.00%	\$ 327,363	\$ 398,039	\$ (70,676)	No
1815	TS - Winding	\$ 40,774,472		\$ 40,774,472	\$ -		\$ 40,774,472	40.00	2.50%	\$ 1,019,362	\$ 1,342,594	\$ (323,232)	No
1815	TS - Support Steel Structure	\$ 7,012,140		\$ 7,012,140	\$ 14,066		\$ 7,019,173	40.00	2.50%	\$ 175,479	\$ 227,740	\$ (52,260)	No
1815	TS- Grounding Station	\$ 4,847,356		\$ 4,847,356	\$ 8,663		\$ 4,851,687	40.00	2.50%	\$ 121,292	\$ 164,411	\$ (43,119)	No
1815	TS - P&C System	\$ 7,762,079	\$ 1,054,150	\$ 6,707,930	\$ 1,216,778		\$ 7,316,319	20.00	5.00%	\$ 365,816	\$ 448,355	\$ (82,539)	No
1815	TS - Switchgear & Relays	\$ 26,793,619	\$ 553,486	\$ 26,240,133	\$ 2,576,791		\$ 27,528,528	30.00	3.33%	\$ 917,618	\$ 1,240,843	\$ (323,225)	No
1815	TS - Capacitor Banks	\$ 5,396,586	\$ 122,997	\$ 5,273,589	\$ 5,404		\$ 5,276,291	30.00	3.33%	\$ 175,876	\$ 202,027	\$ (26,150)	No
Subtotal 1815										\$ 3,929,439	\$ 4,890,460	\$ (961,021)	
1820	Distribution Station Equipment <50 kV	\$ (9,160,732)		\$ (9,160,732)	\$ (3,313,654)		\$ (10,817,559)	30.00	3.33%	\$ (360,585)	\$ (390,936)	\$ 30,351	No
1820	MS - Power Transformer	\$ 26,383,243		\$ 26,383,243	\$ 12,231,712		\$ 32,499,098	40.00	2.50%	\$ 812,477	\$ 881,069	\$ (68,592)	No
1820	MS - Protection & Control	\$ 10,479,034	\$ 1,629,586	\$ 8,849,448	\$ 473,847		\$ 9,086,371	20.00	5.00%	\$ 454,319	\$ 697,323	\$ (243,004)	No
1820	MS - SwitchGear	\$ 4,061,400	\$ 81,653	\$ 3,979,747	\$ 115,244		\$ 4,037,368	30.00	3.33%	\$ 134,579	\$ 174,511	\$ (39,932)	No
Subtotal 1820										\$ 1,040,790	\$ 1,361,967	\$ (321,177)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-					
1830	Poles, Towers & Fixtures	\$ 208,451,016		\$ 208,451,016	\$ 22,367,001	\$ (86,967)	\$ 219,591,033	45.00	2.22%	\$ 4,879,801	\$ 5,101,715	\$ (221,915)	No
1835	Overhead Conductors & Devices	\$ 184,472,455		\$ 184,472,455	\$ 22,313,464	\$ (130,288)	\$ 195,564,043	40.00	2.50%	\$ 4,889,101	\$ 5,310,132	\$ (421,031)	No
1840	Underground Conduit	\$ 118,434,871	\$ 550,902	\$ 117,883,968	\$ 7,477,907		\$ 121,622,922	60.00	1.67%	\$ 2,027,049	\$ 2,122,585	\$ (95,537)	No
1845	Underground Conductors & Devices	\$ 374,520,453	\$ 5,164,228	\$ 369,356,225	\$ 39,038,478	\$ (433,075)	\$ 388,658,927	45.00	2.22%	\$ 8,636,865	\$ 9,825,604	\$ (1,188,739)	No
1845	Underground Rehab. Cable injection	\$ 23,293,911		\$ 23,293,911	\$ 4,375,771		\$ 25,481,797	20.00	5.00%	\$ 1,274,090	\$ 1,302,041	\$ (27,951)	No
1849	Overhead Transformers	\$ 20,494,203		\$ 20,494,203	\$ 1,723,398	\$ (586,943)	\$ 21,062,430	40.00	2.50%	\$ 526,561	\$ 708,949	\$ (182,388)	No
1850	Underground Transformers	\$ 171,331,818	\$ 1,553,572	\$ 169,778,246	\$ 12,716,052	\$ (1,313,699)	\$ 175,479,422	30.00	3.33%	\$ 5,849,314	\$ 7,382,778	\$ (1,533,464)	No
1855	Overhead services	\$ 16,083,075		\$ 16,083,075	\$ 1,022,194		\$ 16,594,172	40.00	2.50%	\$ 414,854	\$ 367,986	\$ 46,868	No
1856	Underground Services	\$ 64,042,163		\$ 64,042,163	\$ 3,385,402		\$ 65,734,864	25.00	4.00%	\$ 2,629,395	\$ 3,275,245	\$ (645,850)	No
1860	Meters	\$ 11,884,517	\$ 9,434	\$ 11,875,083	\$ 1,258,641	\$ (1,175,717)	\$ 11,916,545	25.00	4.00%	\$ 476,662	\$ 674,043	\$ (197,381)	No
1861	Interval Meters	\$ 25,132,687		\$ 25,132,687	\$ 2,444,786		\$ 26,355,080	15.00	6.67%	\$ 1,757,005	\$ 1,869,930	\$ (112,925)	No
1862	Smart Meters	\$ 54,938,490		\$ 54,938,490	\$ 1,921,903		\$ 55,899,442	15.00	6.67%	\$ 3,726,629	\$ 4,003,180	\$ (276,550)	No
1870	Leased Properties	\$ 191,136		\$ 191,136	\$ -		\$ 191,136	10.00	10.00%	\$ 19,114	\$ (1,281)	\$ 20,395	No
1908	Buildings & Fixtures	\$ 27,927,137		\$ 27,927,137	\$ 406,942		\$ 28,130,608	50.00	2.00%	\$ 562,612	\$ 577,556	\$ (14,944)	No
1908	Building & Fixtures - Structure	\$ 17,401,865	\$ 19,085	\$ 17,382,780	\$ -		\$ 17,382,780	50.00	2.00%	\$ 347,656	\$ 402,993	\$ (55,338)	No
1908	Building & Fixtures - Windows	\$ 2,785,050		\$ 2,785,050	\$ -		\$ 2,785,050	30.00	3.33%	\$ 92,835	\$ 101,044	\$ (8,209)	No
Subtotal 1908										\$ 1,003,103	\$ 1,081,594	\$ (78,491)	
1915	Office Furniture & Equipment	\$ 5,071,737	\$ 2,657,511	\$ 2,414,226	\$ 34,989		\$ 2,431,720	10.00	10.00%	\$ 243,172	\$ 427,043	\$ (183,871)	No
1920	Computer Equipment - Hardware	\$ 0		\$ 0	\$ -		\$ 0	5.00	20.00%	\$ 0	\$ (8,269)	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 4,139,693	\$ 2,447,745	\$ 1,691,948	\$ 552,787		\$ 1,968,342	4.00	25.00%	\$ 492,085	\$ 709,261	\$ (217,175)	No
1920	HW - Servers	\$ 11,240,033	\$ 4,905,951	\$ 6,334,081	\$ 710,001		\$ 6,689,081	5.00	20.00%	\$ 1,337,816	\$ 1,680,419	\$ (342,603)	No
1920	HW - MFP's	\$ 1,074,931	\$ 556,004	\$ 518,927	\$ 40,000		\$ 538,927	5.00	20.00%	\$ 107,785	\$ 167,449	\$ (59,663)	No
1920	HW - Switches/Routers	\$ 2,055,928	\$ 1,234,240	\$ 821,688	\$ 52,244		\$ 847,810	6.00	16.67%	\$ 141,302	\$ 191,946	\$ (50,645)	No
Subtotal 1920										\$ 2,078,989	\$ 2,740,805	\$ (661,816)	

**Appendix 2-CD7
Depreciation and Amortization Expense**

Year: **2018** MIFRS

Account	Description	2018 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2018 Calculated Depreciation Expense	2018 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1611	Computer Software	\$ 31,241,829	\$ 18,384,872	\$ 12,856,957	\$ 3,414,110		\$ 14,564,012	4.00	25.00%	\$ 3,641,003	\$ 3,978,916	\$ (337,913)	No
1611	Software Operations	\$ 112,040	\$ 112,175	\$ (135)	\$ -		\$ (135)	3.00	33.33%	\$ (45)	\$ (312)	\$ 267	No
1611	CIS software	\$ 59,167,816		\$ 59,167,816	\$ 2,906,100		\$ 60,620,866	10.00	10.00%	\$ 6,062,087	\$ 6,027,950	\$ 34,136	No
Subtotal 1611										\$ 9,703,045	\$ 10,006,555	\$ (303,510)	
1930	Transportation Equipment - Light Vehicles	\$ 10,041,055	\$ 4,127,030	\$ 5,914,025	\$ 588,500		\$ 6,208,275	7.00	14.29%	\$ 886,896	\$ 955,435	\$ (68,539)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 12,170,140	\$ 674	\$ 12,169,467	\$ 2,321,900		\$ 13,330,417	12.00	8.33%	\$ 1,110,868	\$ 1,192,412	\$ (81,544)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,061	\$ (535)	No
Subtotal 1930										\$ 2,005,290	\$ 2,155,908	\$ (150,618)	
1935	Stores Equipment	\$ 680,931		\$ 680,931	\$ -		\$ 680,931	10.00	10.00%	\$ 68,093	\$ 65,600	\$ 2,493	No
1940	Tools, Shop & Garage Equipment	\$ 5,826,405	\$ 1,096,317	\$ 4,730,088	\$ 573,018		\$ 5,016,597	10.00	10.00%	\$ 501,660	\$ 521,796	\$ (20,136)	No
1955	Communications Equipment	\$ 3,321,858	\$ 1,813,879	\$ 1,507,979	\$ 316,725		\$ 1,666,342	6.00	16.67%	\$ 277,724	\$ 215,454	\$ 62,270	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 58,854	\$ -	\$ -		\$ -	3.00	33.33%	\$ -	\$ (0)	\$ 0	No
Subtotal 1955										\$ 277,724	\$ 215,454	\$ 62,270	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 4,120,371	\$ 594,338	\$ 3,526,034	\$ 96,370		\$ 3,574,219	15.00	6.67%	\$ 238,281	\$ 284,814	\$ (46,533)	No
1980	RTU	\$ 8,847,156	\$ 2,200,342	\$ 6,646,814	\$ 184,132		\$ 6,738,880	15.00	6.67%	\$ 449,259	\$ 567,379	\$ (118,120)	No
1980	Display Wall	\$ 2,327,363	\$ 446,274	\$ 1,881,089	\$ 535,000		\$ 2,148,589	10.00	10.00%	\$ 214,859	\$ 218,976	\$ (4,117)	No
Subtotal 1980										\$ 902,399	\$ 1,071,168	\$ (168,770)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -			
1995	Contributions & Grants	\$ (384,831,254)	\$ (214,311)	\$ (384,616,943)	\$ (23,832,651)	\$ 992,581	\$ (396,036,978)	38.00	2.63%	\$ (10,422,026)	\$ (12,026,534)	\$ 1,604,509	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082			\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 730,711	\$ (28,748)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,953,507		\$ 4,953,507			\$ 4,953,507	25.00	4.00%	\$ 198,140	\$ 288,281	\$ (90,141)	No
				\$ -									
				\$ -									
Total		\$ 1,330,957,845	\$ 53,218,525	\$ 1,269,176,200	\$ 123,416,651	\$ (2,734,108)	\$ 1,329,517,472			\$ 49,517,219	\$ 55,696,995	\$ (6,179,776)	
Deduct: Socialized renewable generation										\$ (104,000)			
Depreciation Additions per 2015 Appendix 2-BA										\$ 55,592,995			
Depreciation Additions per 2015 Appendix 2-BA (\$000)										\$ 55,593			

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2018 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

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**Appendix 2-CD6
 Depreciation and Amortization Expense**

Year: 2017 MIFRS

Account	Description	2017 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2017 Calculated Depreciation Expense	2017 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + 1/2 x (d) + 1/2 x (f) +	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)	(k) = (f) - (i)	
1805	Land	\$ 26,435,637		\$ 26,435,637	\$ -		\$ 26,435,637	-					
1806	Land Rights	\$ 938,785		\$ 938,785	\$ 34,024		\$ 955,797	-					
1808	Buildings	\$ 7,005,139		\$ 7,005,139	\$ 76,939		\$ 7,043,609	40.00	2.50%	\$ 176,090	\$ 220,417	\$ (44,327)	No
1810	Major Spare Parts	\$ 9,878,496					\$ -	-					
1815	Transformer Station Equipment >50 kV	\$ (22,337,212)		\$ (22,337,212)	\$ 21,021,835		\$ (11,826,294)	40.00	2.50%	\$ (295,657)	\$ (294,458)	\$ (1,199)	No
1815	TS - Power Transformer & Other	\$ 31,587,755		\$ 31,587,755	\$ 1,037,581		\$ 32,106,545	40.00	2.50%	\$ 802,664	\$ 874,167	\$ (71,504)	No
1815	TS - Tap Changer	\$ 10,146,274	\$ 2,043,619	\$ 8,102,655	\$ 63,509		\$ 8,134,409	25.00	4.00%	\$ 325,376	\$ 472,661	\$ (147,284)	No
1815	TS - Winding	\$ 40,774,472		\$ 40,774,472	\$ -		\$ 40,774,472	40.00	2.50%	\$ 1,019,362	\$ 1,342,594	\$ (323,232)	No
1815	TS - Support Steel Structure	\$ 6,998,228		\$ 6,998,228	\$ 13,912		\$ 7,005,184	40.00	2.50%	\$ 175,130	\$ 227,390	\$ (52,260)	No
1815	TS - Grounding Station	\$ 4,838,847		\$ 4,838,847	\$ 8,509		\$ 4,843,102	40.00	2.50%	\$ 121,078	\$ 164,197	\$ (43,119)	No
1815	TS - P&C System	\$ 7,326,494	\$ 1,043,509	\$ 6,282,985	\$ 435,585		\$ 6,500,777	20.00	5.00%	\$ 325,039	\$ 408,350	\$ (83,311)	No
1815	TS - Switchgear & Relays	\$ 24,417,671	\$ 222,665	\$ 24,195,006	\$ 2,375,948		\$ 25,382,980	30.00	3.33%	\$ 846,099	\$ 1,180,562	\$ (334,462)	No
1815	TS - Capacitor Banks	\$ 5,391,183	\$ 49,481	\$ 5,341,702	\$ 5,404		\$ 5,344,403	30.00	3.33%	\$ 178,147	\$ 206,894	\$ (28,748)	No
Subtotal 1815										\$ 3,497,237	\$ 4,582,357	\$ (1,085,120)	
1820	Distribution Station Equipment <50 kV	\$ (2,201,511)		\$ (2,201,511)	\$ (6,959,221)		\$ (5,681,122)	30.00	3.33%	\$ (189,371)	\$ (219,722)	\$ 30,351	No
1820	MS - Power Transformer	\$ 17,153,089		\$ 17,153,089	\$ 9,230,154		\$ 21,768,166	40.00	2.50%	\$ 544,204	\$ 612,796	\$ (68,592)	No
1820	MS - Protection & Control	\$ 10,110,001	\$ 1,428,805	\$ 8,681,196	\$ 369,033		\$ 8,865,713	20.00	5.00%	\$ 443,286	\$ 689,956	\$ (246,670)	No
1820	MS - Switchgear	\$ 3,815,096	\$ 76,111	\$ 3,738,985	\$ 246,304		\$ 3,862,137	30.00	3.33%	\$ 128,738	\$ 172,697	\$ (43,960)	No
Subtotal 1820										\$ 926,857	\$ 1,255,727	\$ (328,871)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1830	Poles, Towers & Fixtures	\$ 184,238,623		\$ 184,238,623	\$ 24,299,361	\$ (86,967)	\$ 196,344,820	45.00	2.22%	\$ 4,363,218	\$ 4,583,200	\$ (219,982)	No
1835	Overhead Conductors & Devices	\$ 161,242,647		\$ 161,242,647	\$ 23,360,096	\$ (130,288)	\$ 172,857,551	40.00	2.50%	\$ 4,321,439	\$ 4,778,104	\$ (456,665)	No
1840	Underground Conduit	\$ 111,352,318	\$ 495,927	\$ 110,856,390	\$ 7,082,553		\$ 114,397,667	60.00	1.67%	\$ 1,906,628	\$ 2,001,248	\$ (94,620)	No
1845	Underground Conductors & Devices	\$ 335,773,398	\$ 3,911,099	\$ 331,862,299	\$ 39,180,131	\$ (433,075)	\$ 351,235,827	45.00	2.22%	\$ 7,805,241	\$ 8,976,226	\$ (1,170,985)	No
1845	Underground Rehab. Cable Injection	\$ 19,038,446		\$ 19,038,446	\$ 4,255,465		\$ 21,166,179	20.00	5.00%	\$ 1,058,309	\$ 1,086,260	\$ (27,951)	No
1849	Overhead Transformers	\$ 19,627,911		\$ 19,627,911	\$ 1,453,235	\$ (586,943)	\$ 20,061,057	40.00	2.50%	\$ 501,526	\$ 664,781	\$ (163,254)	No
1850	Underground Transformers	\$ 160,512,688	\$ 1,041,611	\$ 159,471,078	\$ 12,132,830	\$ (1,313,699)	\$ 164,880,643	30.00	3.33%	\$ 5,496,021	\$ 7,017,447	\$ (1,521,426)	No
1855	Overhead services	\$ 15,063,905		\$ 15,063,905	\$ 1,019,170		\$ 15,573,490	40.00	2.50%	\$ 389,337	\$ 342,469	\$ 46,868	No
1856	Underground Services	\$ 60,858,468		\$ 60,858,468	\$ 3,183,695		\$ 62,450,316	25.00	4.00%	\$ 2,498,013	\$ 3,237,689	\$ (739,676)	No
1860	Meters	\$ 12,221,350	\$ 9,434	\$ 12,211,916	\$ 838,884	\$ (1,175,717)	\$ 12,043,500	25.00	4.00%	\$ 481,740	\$ 632,519	\$ (150,779)	No
1861	Interval Meters	\$ 22,764,986		\$ 22,764,986	\$ 2,367,702		\$ 23,948,836	15.00	6.67%	\$ 1,596,589	\$ 1,709,514	\$ (112,925)	No
1862	Smart Meters	\$ 53,402,052		\$ 53,402,052	\$ 1,536,438		\$ 54,170,271	15.00	6.67%	\$ 3,611,351	\$ 3,887,902	\$ (276,550)	No
1870	Leased Properties	\$ 191,136		\$ 191,136	\$ -		\$ 191,136	10.00	10.00%	\$ 19,114	\$ (1,281)	\$ 20,395	No
1908	Buildings & Fixtures	\$ 27,524,582		\$ 27,524,582	\$ 402,555		\$ 27,725,859	50.00	2.00%	\$ 554,517	\$ 569,461	\$ (14,944)	No
1908	Building & Fixtures - Structure	\$ 17,401,865	\$ 19,085	\$ 17,382,780	\$ -		\$ 17,382,780	50.00	2.00%	\$ 347,656	\$ 402,993	\$ (55,338)	No
1908	Building & Fixtures - Windows	\$ 2,785,050		\$ 2,785,050	\$ -		\$ 2,785,050	30.00	3.33%	\$ 92,835	\$ 101,044	\$ (8,209)	No
Subtotal 1908										\$ 995,008	\$ 1,073,499	\$ (78,491)	
1915	Office Furniture & Equipment	\$ 5,047,662	\$ 95,412	\$ 4,952,250	\$ 24,075		\$ 4,964,287	10.00	10.00%	\$ 496,429	\$ 597,813	\$ (101,384)	No
1920	Computer Equipment - Hardware	\$ -		\$ -	\$ -		\$ -	5.00	20.00%	\$ -	\$ (8,269)	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 3,480,684	\$ 1,829,802	\$ 1,650,883	\$ 659,009		\$ 1,980,387	4.00	25.00%	\$ 495,097	\$ 645,412	\$ (150,315)	No
1920	HW - Servers	\$ 9,194,933	\$ 2,898,523	\$ 6,296,410	\$ 2,045,100		\$ 7,318,960	5.00	20.00%	\$ 1,463,792	\$ 1,488,512	\$ (24,721)	No
1920	HW - MFP's	\$ 824,931	\$ 276,292	\$ 548,639	\$ 250,000		\$ 673,640	5.00	20.00%	\$ 134,728	\$ 147,504	\$ (12,776)	No
1920	HW - Switches/Routers	\$ 2,055,928	\$ 1,083,236	\$ 972,692	\$ -		\$ 972,692	6.00	16.67%	\$ 162,115	\$ 228,407	\$ (66,292)	No
Subtotal 1920										\$ 2,255,732	\$ 2,501,566	\$ (245,834)	

**Appendix 2-CD6
Depreciation and Amortization Expense**

Year: **2017** MIFRS

Account	Description	2017 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ² (e) = (c) + ½ x (d) + ½ x (f) +	Years	Depreciation Rate	2017 Calculated Depreciation Expense	2017 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)		(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)	(k) = (f)-(i)	
1611	Computer Software	\$ 27,659,719	\$ 14,591,926	\$ 13,067,793	\$ 3,582,109		\$ 14,858,848	4.00	25.00%	\$ 3,714,712	\$ 4,547,153	\$ (832,441)	No
1611	Software Operations	\$ 112,040	\$ 59,475	\$ 52,565	\$ -		\$ 52,565	3.00	33.33%	\$ 17,522	\$ 17,522	\$ (0)	No
1611	CIS software	\$ 52,283,726		\$ 52,283,726	\$ 6,884,090		\$ 55,725,771	10.00	10.00%	\$ 5,572,577	\$ 5,538,441	\$ 34,136	No
Subtotal 1611										\$ 9,304,811	\$ 10,103,116	\$ (798,305)	
1930	Transportation Equipment - Light Vehicles	\$ 8,286,255	\$ 3,586,146	\$ 4,700,109	\$ 1,754,800		\$ 5,577,509	7.00	14.29%	\$ 796,787	\$ 975,424	\$ (178,637)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 11,239,240	\$ 674	\$ 11,238,567	\$ 930,900		\$ 11,704,017	12.00	8.33%	\$ 975,335	\$ 1,062,654	\$ (87,319)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,061	\$ (535)	No
Subtotal 1930										\$ 1,779,647	\$ 2,046,139	\$ (266,492)	
1935	Stores Equipment	\$ 680,931		\$ 680,931	\$ -		\$ 680,931	10.00	10.00%	\$ 68,093	\$ 65,540	\$ 2,553	No
1940	Tools, Shop & Garage Equipment	\$ 5,352,919	\$ 900,998	\$ 4,451,921	\$ 473,486		\$ 4,688,664	10.00	10.00%	\$ 468,866	\$ 507,447	\$ (38,580)	No
1955	Communications Equipment	\$ 2,808,432	\$ 1,560,004	\$ 1,248,428	\$ 513,426		\$ 1,505,141	6.00	16.67%	\$ 250,857	\$ 211,623	\$ 39,233	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 58,854	\$ -	\$ -		\$ -	3.00	33.33%	\$ -	\$ (0)	\$ 0	No
Subtotal 1955										\$ 250,857	\$ 211,623	\$ 39,233	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 3,745,414	\$ 434,250	\$ 3,311,163	\$ 374,958		\$ 3,498,642	15.00	6.67%	\$ 233,243	\$ 276,517	\$ (43,274)	No
1980	RTU	\$ 8,664,168	\$ 1,600,831	\$ 7,063,336	\$ 182,988		\$ 7,154,831	15.00	6.67%	\$ 476,989	\$ 614,587	\$ (137,598)	No
1980	Display Wall	\$ 1,792,363	\$ 371,251	\$ 1,421,112	\$ 535,000		\$ 1,688,612	10.00	10.00%	\$ 168,861	\$ 172,596	\$ (3,735)	No
Subtotal 1980										\$ 879,093	\$ 1,063,700	\$ (184,607)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ -		
1995	Contributions & Grants	\$ (362,901,107)	\$ (152,617)	\$ (362,748,490)	\$ (22,922,729)	\$ 992,581	\$ (373,713,564)	38.00	2.63%	\$ (9,834,567)	\$ (11,275,604)	\$ 1,441,037	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -		\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 730,711	\$ (28,748)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,953,507		\$ 4,953,507	\$ -		\$ 4,953,507	25.00	4.00%	\$ 198,140	\$ 288,281	\$ (90,141)	No
				\$ -			\$ -						
				\$ -			\$ -						
				\$ -			\$ -						
	Total	\$ 1,189,333,114	\$ 39,536,404	\$ 1,139,918,213	\$ 144,358,839	\$ (2,734,108)	\$ 1,210,730,579			\$ 46,212,781	\$ 52,888,365	\$ (6,675,584)	

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2017 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

Deduct: Socialized renewable generation	\$ (108,000)
Depreciation Additions per 2015 Appendix 2-BA	\$ 52,780,365
Depreciation Additions per 2015 Appendix 2-BA (\$000)	\$ 52,780

File Number: EB-2015-0003
 Exhibit:
 Tab:
 Schedule:
 Page:

Revision Date: August 21, 2015

**Appendix 2-CD5
 Depreciation and Amortization Expense**

Year: 2016 MIFRS

Account	Description	2016 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ² (e) = (c) + ½ x (d) + ½ x (f)	Years	Depreciation Rate (g) = 1 / (f)	2016 Calculated Depreciation Expense (h) = (e) / (f)	2016 Forecast Depreciation Expense (j)	Differences ⁵ (k) = (f)-(j)	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)		(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1805	Land	\$ 23,546,637		\$ 23,546,637	\$ 2,889,000		\$ 24,991,137	-					
1806	Land Rights	\$ 905,280		\$ 905,280	\$ 33,505		\$ 922,033	-					
1808	Buildings	\$ 6,928,662		\$ 6,928,662	\$ 76,477		\$ 6,966,901	40.00	2.50%	\$ 174,173	\$ 219,077	\$ (44,905)	No
1810	Major Spare Parts	\$ 9,878,496			\$ -		\$ -	-					
1815	Transformer Station Equipment >50 kV	\$ (11,027,060)		\$ (11,027,060)	\$ (11,310,152)		\$ (16,682,136)	40.00	2.50%	\$ (417,053)	\$ (415,854)	\$ (1,199)	No
1815	TS - Power Transformer & Other	\$ 21,833,387		\$ 21,833,387	\$ 9,754,368		\$ 26,710,571	40.00	2.50%	\$ 667,764	\$ 740,215	\$ (72,451)	No
1815	TS - Tap Changer	\$ 10,082,919	\$ 1,049,307	\$ 9,033,612	\$ 63,355		\$ 9,065,290	25.00	4.00%	\$ 362,612	\$ 582,919	\$ (220,307)	No
1815	TS - Winding	\$ 40,774,472		\$ 40,774,472	\$ -		\$ 40,774,472	40.00	2.50%	\$ 1,019,362	\$ 1,346,176	\$ (326,814)	No
1815	TS - Support Steel Structure	\$ 6,844,300		\$ 6,844,300	\$ 153,928		\$ 6,921,264	40.00	2.50%	\$ 173,032	\$ 225,902	\$ (52,871)	No
1815	TS- Grounding Station	\$ 4,830,493		\$ 4,830,493	\$ 8,355		\$ 4,834,670	40.00	2.50%	\$ 120,867	\$ 164,420	\$ (43,553)	No
1815	TS - P&C System	\$ 6,445,466	\$ 1,035,838	\$ 5,409,628	\$ 881,028		\$ 5,850,142	20.00	5.00%	\$ 292,507	\$ 377,210	\$ (84,703)	No
1815	TS - Switchgear & Relays	\$ 21,374,618	\$ 222,665	\$ 21,151,952	\$ 3,043,054		\$ 22,673,479	30.00	3.33%	\$ 755,783	\$ 1,112,734	\$ (356,951)	No
1815	TS - Capacitor Banks	\$ 5,093,669	\$ 49,481	\$ 5,044,188	\$ 297,513		\$ 5,192,945	30.00	3.33%	\$ 173,098	\$ 206,724	\$ (33,626)	No
Subtotal 1815										\$ 3,147,971	\$ 4,340,445	\$ (1,192,475)	
1820	Distribution Station Equipment <50 kV	\$ (131,161)		\$ (131,161)	\$ (2,070,350)		\$ (1,166,336)	30.00	3.33%	\$ (38,878)	\$ (69,229)	\$ 30,351	No
1820	MS - Power Transformer	\$ 15,298,485		\$ 15,298,485	\$ 1,854,604		\$ 16,225,787	40.00	2.50%	\$ 405,645	\$ 475,153	\$ (69,508)	No
1820	MS - Protection & Control	\$ 10,053,901	\$ 1,426,300	\$ 8,627,601	\$ 56,100		\$ 8,655,651	20.00	5.00%	\$ 432,783	\$ 709,787	\$ (277,004)	No
1820	MS - SwitchGear	\$ 3,164,871	\$ 26,028	\$ 3,138,843	\$ 650,225		\$ 3,463,955	30.00	3.33%	\$ 115,465	\$ 162,465	\$ (47,000)	No
Subtotal 1820										\$ 915,015	\$ 1,278,175	\$ (363,161)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		No
1830	Poles, Towers & Fixtures	\$ 160,780,261		\$ 160,780,261	\$ 23,545,329	\$ (86,967)	\$ 172,509,442	45.00	2.22%	\$ 3,833,543	\$ 4,060,188	\$ (226,645)	No
1835	Overhead Conductors & Devices	\$ 136,976,317		\$ 136,976,317	\$ 24,396,618	\$ (130,288)	\$ 149,109,482	40.00	2.50%	\$ 3,727,737	\$ 4,229,434	\$ (501,697)	No
1840	Underground Conduit	\$ 105,019,483	\$ 437,157	\$ 104,582,327	\$ 6,332,834		\$ 107,748,744	60.00	1.67%	\$ 1,795,812	\$ 1,893,491	\$ (97,678)	No
1845	Underground Conductors & Devices	\$ 301,741,857	\$ 2,953,049	\$ 298,788,808	\$ 34,464,615		\$ 316,021,116	45.00	2.22%	\$ 7,022,691	\$ 8,179,183	\$ (1,156,491)	No
1845	Underground Rehab. Cable injection	\$ 14,900,134		\$ 14,900,134	\$ 4,138,312	\$ (433,075)	\$ 16,752,753	20.00	5.00%	\$ 837,638	\$ 876,415	\$ (38,778)	No
1849	Overhead Transformers	\$ 18,785,085		\$ 18,785,085	\$ 1,429,769	\$ (586,943)	\$ 19,206,498	40.00	2.50%	\$ 480,162	\$ 626,134	\$ (145,972)	No
1850	Underground Transformers	\$ 150,021,624	\$ 743,614	\$ 149,278,010	\$ 11,804,764	\$ (1,313,699)	\$ 154,523,542	30.00	3.33%	\$ 5,150,785	\$ 6,647,791	\$ (1,497,007)	No
1855	Overhead services	\$ 13,903,006		\$ 13,903,006	\$ 1,160,899		\$ 14,483,455	40.00	2.50%	\$ 362,086	\$ 316,110	\$ 45,977	No
1856	Underground Services	\$ 57,901,274		\$ 57,901,274	\$ 2,957,194		\$ 59,379,871	25.00	4.00%	\$ 2,375,195	\$ 3,206,006	\$ (830,811)	No
1860	Meters	\$ 12,585,348	\$ 9,434	\$ 12,575,914	\$ 811,719	\$ (1,175,717)	\$ 12,393,915	25.00	4.00%	\$ 495,757	\$ 601,428	\$ (105,671)	No
1861	Interval Meters	\$ 20,652,600		\$ 20,652,600	\$ 2,112,386		\$ 21,708,793	15.00	6.67%	\$ 1,447,253	\$ 1,563,386	\$ (116,133)	No
1862	Smart Meters	\$ 51,018,135		\$ 51,018,135	\$ 2,383,917		\$ 52,210,094	15.00	6.67%	\$ 3,480,673	\$ 3,766,863	\$ (286,190)	No
1870	Leased Properties	\$ 191,136		\$ 191,136	\$ -		\$ 191,136	10.00	10.00%	\$ 19,114	\$ (1,259)	\$ 20,373	No
1908	Buildings & Fixtures	\$ 27,126,413		\$ 27,126,413	\$ 398,168		\$ 27,325,498	50.00	2.00%	\$ 546,510	\$ 562,687	\$ (16,177)	No
1908	Building & Fixtures - Structure	\$ 17,401,865	\$ 19,085	\$ 17,382,780	\$ -		\$ 17,382,780	50.00	2.00%	\$ 347,656	\$ 404,088	\$ (56,432)	No
1908	Building & Fixtures - Windows	\$ 2,785,050		\$ 2,785,050	\$ -		\$ 2,785,050	30.00	3.33%	\$ 92,835	\$ 101,319	\$ (8,484)	No
Subtotal 1908										\$ 987,001	\$ 1,068,094	\$ (81,094)	
1915	Office Furniture & Equipment	\$ 5,034,287	\$ 72,918	\$ 4,961,369	\$ 13,375		\$ 4,968,056	10.00	10.00%	\$ 496,806	\$ 598,263	\$ (101,458)	No
1920	Computer Equipment - Hardware	\$ 0		\$ 0	\$ -		\$ 0	5.00	20.00%	\$ 0	\$ (8,269)	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 2,851,276	\$ 1,437,160	\$ 1,414,116	\$ 629,408		\$ 1,728,821	4.00	25.00%	\$ 432,205	\$ 519,986	\$ (87,780)	No
1920	HW - Servers	\$ 8,160,595	\$ 2,537,839	\$ 5,622,756	\$ 1,034,338		\$ 6,139,925	5.00	20.00%	\$ 1,227,985	\$ 1,299,079	\$ (71,094)	No
1920	HW - MFP's	\$ 624,931	\$ 244,745	\$ 380,186	\$ 200,000		\$ 480,186	5.00	20.00%	\$ 96,037	\$ 112,952	\$ (16,915)	No
1920	HW - Switches/Routers	\$ 1,725,828	\$ 834,804	\$ 891,024	\$ 330,100		\$ 1,056,074	6.00	16.67%	\$ 176,012	\$ 237,253	\$ (61,241)	No
Subtotal 1920										\$ 1,932,240	\$ 2,161,001	\$ (228,761)	

**Appendix 2-CD5
Depreciation and Amortization Expense**

Year: **2016** MIFRS

Account	Description	2016 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2016 Calculated Depreciation Expense	2016 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)	(k) = (f)-(j)	
1611	Computer Software	\$ 21,978,839	\$ 10,200,728	\$ 11,778,111	\$ 5,680,881		\$ 14,618,551	4.00	25.00%	\$ 3,654,638	\$ 3,958,178	\$ (303,541)	No
1611	Software Operations	\$ 112,040		\$ 112,040	\$ -		\$ 112,040	3.00	33.33%	\$ 37,347	\$ 37,347	\$ -	No
1611	CIS software	\$ 45,551,726		\$ 45,551,726	\$ 6,732,000		\$ 48,917,726	10.00	10.00%	\$ 4,891,773	\$ 4,857,636	\$ 34,137	No
Subtotal 1611										\$ 8,583,757	\$ 8,853,161	\$ (269,404)	
1930	Transportation Equipment - Light Vehicles	\$ 7,430,255	\$ 1,852,724	\$ 5,577,532	\$ 856,000		\$ 6,005,531	7.00	14.29%	\$ 857,933	\$ 1,009,466	\$ (151,533)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 8,970,840	\$ 674	\$ 8,970,166	\$ 2,268,400		\$ 10,104,366	12.00	8.33%	\$ 842,031	\$ 935,863	\$ (93,832)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,083	\$ (557)	No
Subtotal 1930										\$ 1,707,489	\$ 1,953,412	\$ (245,923)	
1935	Stores Equipment	\$ 680,931		\$ 680,931	\$ -		\$ 680,931	10.00	10.00%	\$ 68,093	\$ 65,482	\$ 2,611	No
1940	Tools, Shop & Garage Equipment	\$ 4,874,726	\$ 580,507	\$ 4,294,219	\$ 478,193		\$ 4,533,316	10.00	10.00%	\$ 453,332	\$ 497,772	\$ (44,441)	No
1955	Communications Equipment	\$ 2,540,932	\$ 1,306,934	\$ 1,233,998	\$ 267,500		\$ 1,367,748	6.00	16.67%	\$ 227,958	\$ 209,085	\$ 18,873	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 58,854	\$ -	\$ -		\$ -	3.00	33.33%	\$ -	\$ (0)	\$ 0	No
Subtotal 1955										\$ 227,958	\$ 209,085	\$ 18,873	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 3,037,888	\$ 365,672	\$ 2,672,216	\$ 707,526		\$ 3,025,979	15.00	6.67%	\$ 201,732	\$ 251,547	\$ (49,815)	No
1980	RTU	\$ 8,470,972	\$ 1,351,721	\$ 7,119,251	\$ 193,195		\$ 7,215,849	15.00	6.67%	\$ 481,057	\$ 674,424	\$ (193,368)	No
1980	Display Wall	\$ 1,096,177	\$ 344,236	\$ 751,940	\$ 695,500		\$ 1,099,690	10.00	10.00%	\$ 109,969	\$ 117,689	\$ (7,720)	No
Subtotal 1980										\$ 792,758	\$ 1,043,660	\$ (250,902)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ -		
1995	Contributions & Grants	\$ (341,879,833)	\$ (111,929)	\$ (341,767,904)	\$ (22,013,855)	\$ 992,581	\$ (352,278,540)	38.00	2.63%	\$ (9,270,488)	\$ (10,573,397)	\$ 1,302,909	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -		\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 732,713	\$ (30,750)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,954,193		\$ 4,954,193	\$ -		\$ 4,954,193	25.00	4.00%	\$ 198,168	\$ 288,281	\$ (90,114)	No
				\$ -			\$ -						
				\$ -			\$ -						
Total										\$ 42,144,679	\$ 48,700,351	\$ (6,555,672)	

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2016 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

Deduct: Socialized renewable generation	\$ (110,000)
Depreciation Additions per 2015 Appendix 2-BA	\$ 48,590,351
Depreciation Additions per 2015 Appendix 2-BA (\$000)	\$ 48,590

File Number: EB-2015-0003

Exhibit:

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Appendix 2-CD4 Depreciation and Amortization Expense

Year: 2015 MIFRS

Account	Description	2015 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2015 Calculated Depreciation Expense	2015 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)	(k) = (f) - (j)	
1805	Land	\$ 22,421,326		\$ 22,421,326	\$ 1,125,311		\$ 22,983,982	-			\$ -		
1806	Land Rights	\$ 872,293		\$ 872,293	\$ 32,987		\$ 888,786	-			\$ -		
1808	Buildings	\$ 6,717,889		\$ 6,717,889	\$ 210,773		\$ 6,823,276	40.00	2.50%	\$ 170,582	\$ 214,909	\$ (44,327)	No
1810	Major Spare Parts	\$ 9,878,496					\$ -	-					
1815	Transformer Station Equipment >50 kV	\$ 0		\$ 0	\$ (11,027,060)		\$ (5,513,530)	40.00	2.50%	\$ (137,838)	\$ (136,639)	\$ (1,199)	No
1815	TS - Power Transformer & Other	\$ 11,542,202		\$ 11,542,202	\$ 10,291,185		\$ 16,687,795	40.00	2.50%	\$ 417,195	\$ 488,699	\$ (71,504)	No
1815	TS - Tap Changer	\$ 10,019,519	\$ 666,817	\$ 9,352,701	\$ 63,400		\$ 9,384,402	25.00	4.00%	\$ 375,376	\$ 613,601	\$ (238,225)	No
1815	TS - Winding	\$ 40,773,652		\$ 40,773,652	\$ 820		\$ 40,774,062	40.00	2.50%	\$ 1,019,352	\$ 1,342,584	\$ (323,232)	No
1815	TS - Support Steel Structure	\$ 6,835,960		\$ 6,835,960	\$ 8,340		\$ 6,840,130	40.00	2.50%	\$ 171,003	\$ 223,264	\$ (52,260)	No
1815	TS- Grounding Station	\$ 4,822,193		\$ 4,822,193	\$ 8,300		\$ 4,826,343	40.00	2.50%	\$ 120,659	\$ 163,778	\$ (43,119)	No
1815	TS - P&C System	\$ 5,878,976	\$ 1,030,890	\$ 4,848,086	\$ 566,490		\$ 5,131,331	20.00	5.00%	\$ 256,567	\$ 340,769	\$ (84,202)	No
1815	TS - Switchgear & Relays	\$ 18,318,415		\$ 18,318,415	\$ 3,056,203		\$ 19,846,516	30.00	3.33%	\$ 661,551	\$ 1,028,872	\$ (367,322)	No
1815	TS - Capacitor Banks	\$ 5,093,589		\$ 5,093,589	\$ 80		\$ 5,093,629	30.00	3.33%	\$ 169,788	\$ 205,737	\$ (35,950)	No
Subtotal 1815										\$ 3,053,651	\$ 4,270,664	\$ (1,217,014)	
1820	Distribution Station Equipment <50 kV	\$ (45,041)		\$ (45,041)	\$ (86,121)		\$ (88,101)	30.00	3.33%	\$ (2,937)	\$ (4,936)	\$ 2,000	No
1820	MS - Power Transformer	\$ 11,376,506		\$ 11,376,506	\$ 3,921,979		\$ 13,337,495	40.00	2.50%	\$ 333,437	\$ 404,715	\$ (71,277)	No
1820	MS - Protection & Control	\$ 9,997,527	\$ 1,109,325	\$ 8,888,203	\$ 56,374		\$ 8,916,389	20.00	5.00%	\$ 445,819	\$ 698,380	\$ (252,560)	No
1820	MS - Switchgear	\$ 2,985,818	\$ 20,514	\$ 2,965,304	\$ 179,054		\$ 3,054,831	30.00	3.33%	\$ 101,828	\$ 140,048	\$ (38,221)	No
Subtotal 1820										\$ 878,148	\$ 1,238,207	\$ (360,059)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1830	Poles, Towers & Fixtures	\$ 144,277,326		\$ 144,277,326	\$ 16,589,902	\$ (86,967)	\$ 152,528,794	45.00	2.22%	\$ 3,389,529	\$ 3,604,845	\$ (215,316)	No
1835	Overhead Conductors & Devices	\$ 124,249,440		\$ 124,249,440	\$ 12,857,164	\$ (130,288)	\$ 130,612,878	40.00	2.50%	\$ 3,265,322	\$ 3,798,615	\$ (533,293)	No
1840	Underground Conduit	\$ 97,446,254	\$ 327,620	\$ 97,118,635	\$ 7,573,229		\$ 100,905,249	60.00	1.67%	\$ 1,681,754	\$ 1,799,486	\$ (117,732)	No
1845	Underground Conductors & Devices	\$ 268,234,285	\$ 2,380,644	\$ 265,853,641	\$ 33,940,647		\$ 282,823,964	45.00	2.22%	\$ 6,284,977	\$ 7,388,557	\$ (1,103,580)	No
1845	Underground Rehab. Cable injection	\$ 10,875,915		\$ 10,875,915	\$ 4,024,219	\$ (433,075)	\$ 12,671,487	20.00	5.00%	\$ 633,574	\$ 670,501	\$ (36,927)	No
1849	Overhead Transformers	\$ 22,558,743		\$ 22,558,743	\$ (3,186,715)	\$ (586,943)	\$ 20,671,914	40.00	2.50%	\$ 516,798	\$ 673,108	\$ (156,310)	No
1850	Underground Transformers	\$ 140,685,934	\$ 743,614	\$ 139,942,320	\$ 10,650,075	\$ (1,313,699)	\$ 144,610,508	30.00	3.33%	\$ 4,820,350	\$ 6,263,591	\$ (1,443,241)	No
1855	Overhead services	\$ 12,983,701		\$ 12,983,701	\$ 919,305		\$ 13,443,353	40.00	2.50%	\$ 336,084	\$ 376,585	\$ (40,501)	No
1856	Underground Services	\$ 55,167,442		\$ 55,167,442	\$ 2,733,833		\$ 56,534,358	25.00	4.00%	\$ 2,261,374	\$ 3,090,691	\$ (829,317)	No
1860	Meters	\$ 12,348,791	\$ 9,434	\$ 12,339,358	\$ 897,072	\$ (660,515)	\$ 12,457,636	25.00	4.00%	\$ 498,305	\$ 564,435	\$ (66,129)	No
1861	Interval Meters	\$ 17,537,327		\$ 17,537,327	\$ 3,115,273		\$ 19,094,963	15.00	6.67%	\$ 1,272,998	\$ 1,379,491	\$ (106,494)	No
1862	Smart Meters	\$ 49,833,214		\$ 49,833,214	\$ 1,184,921		\$ 50,425,674	15.00	6.67%	\$ 3,361,712	\$ 3,647,655	\$ (285,943)	No
1870	Leased Properties	\$ 191,136		\$ 191,136	\$ -		\$ 191,136	10.00	10.00%	\$ 19,114	\$ 2,951	\$ 16,163	No
1908	Buildings & Fixtures	\$ 23,365,487		\$ 23,365,487	\$ 3,760,926		\$ 25,245,950	50.00	2.00%	\$ 504,919	\$ 519,863	\$ (14,944)	No
1908	Building & Fixtures - Structure	\$ 17,401,865	\$ 19,085	\$ 17,382,780	\$ -		\$ 17,382,780	50.00	2.00%	\$ 347,656	\$ 402,993	\$ (55,338)	No
1908	Building & Fixtures - Windows	\$ 2,785,050		\$ 2,785,050	\$ -		\$ 2,785,050	30.00	3.33%	\$ 92,835	\$ 101,044	\$ (8,209)	No
Subtotal 1908										\$ 945,410	\$ 1,023,901	\$ (78,491)	
1915	Office Furniture & Equipment	\$ 4,937,452	\$ 72,009	\$ 4,865,443	\$ 96,835		\$ 4,913,861	10.00	10.00%	\$ 491,386	\$ 595,829	\$ (104,443)	No
1920	Computer Equipment - Hardware	\$ 0		\$ 0	\$ -		\$ 0	5.00	20.00%	\$ 0	\$ (8,269)	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 2,315,848	\$ 1,279,356	\$ 1,036,492	\$ 535,428		\$ 1,304,206	4.00	25.00%	\$ 326,052	\$ 454,274	\$ (128,222)	No
1920	HW - Servers	\$ 6,714,175	\$ 1,944,844	\$ 4,769,332	\$ 1,446,420		\$ 5,492,541	5.00	20.00%	\$ 1,098,508	\$ 1,152,028	\$ (53,520)	No
1920	HW - MFP's	\$ 582,131	\$ 192,739	\$ 389,393	\$ 42,800		\$ 410,793	5.00	20.00%	\$ 82,159	\$ 97,756	\$ (15,598)	No
1920	HW - Switches/Routers	\$ 1,714,328	\$ 626,862	\$ 1,087,465	\$ 11,500		\$ 1,093,215	6.00	16.67%	\$ 182,203	\$ 253,482	\$ (71,280)	No
Subtotal 1920										\$ 1,688,921	\$ 1,949,272	\$ (260,351)	

**Appendix 2-CD4
Depreciation and Amortization Expense**

Year: **2015** MIFRS

Account	Description	2015 Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	2015 Calculated Depreciation Expense	2015 Forecast Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1611	Computer Software	\$ 16,740,426	\$ 8,738,565	\$ 8,001,862	\$ 5,238,412		\$ 10,621,068	4.00	25.00%	\$ 2,655,267	\$ 3,242,383	\$ (587,116)	No
1611	Software Operations	\$ 58,540	\$ -	\$ 58,540	\$ 53,500		\$ 85,290	3.00	33.33%	\$ 28,430	\$ 28,430	\$ -	No
1611	CIS software	\$ -		\$ -	\$ 45,551,726		\$ 22,775,863	10.00	10.00%	\$ 2,277,586	\$ 2,243,450	\$ 34,136	No
Subtotal 1611										\$ 4,961,283	\$ 5,514,263	\$ (552,980)	
1930	Transportation Equipment - Light Vehicles	\$ 7,109,255	\$ 1,069,498	\$ 6,039,756	\$ 321,000		\$ 6,200,257	7.00	14.29%	\$ 885,751	\$ 1,041,936	\$ (156,185)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 7,028,790	\$ 454	\$ 7,028,336	\$ 1,942,050		\$ 7,999,361	12.00	8.33%	\$ 666,613	\$ 763,777	\$ (97,163)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ 0		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,061	\$ (535)	No
Subtotal 1930										\$ 1,559,890	\$ 1,813,773	\$ (253,883)	
1935	Stores Equipment	\$ 145,931		\$ 145,931	\$ 535,000		\$ 413,431	10.00	10.00%	\$ 41,343	\$ 38,670	\$ 2,673	No
1940	Tools, Shop & Garage Equipment	\$ 4,316,924	\$ 447,154	\$ 3,869,770	\$ 557,802		\$ 4,148,671	10.00	10.00%	\$ 414,867	\$ 473,040	\$ (58,173)	No
1955	Communications Equipment	\$ 2,177,132	\$ 1,080,686	\$ 1,096,447	\$ 363,800		\$ 1,278,347	6.00	16.67%	\$ 213,058	\$ 249,303	\$ (36,246)	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 58,854	\$ -	\$ -		\$ -	3.00	33.33%	\$ -	\$ 241	\$ (241)	No
Subtotal 1955										\$ 213,058	\$ 249,544	\$ (36,486)	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 2,340,842	\$ 210,080	\$ 2,130,762	\$ 697,046		\$ 2,479,285	15.00	6.67%	\$ 165,286	\$ 217,972	\$ (52,686)	No
1980	RTU	\$ 8,290,273	\$ 778,459	\$ 7,511,814	\$ 180,699		\$ 7,602,163	15.00	6.67%	\$ 506,811	\$ 742,776	\$ (235,965)	No
1980	Display Wall	\$ 672,677	\$ 294,890	\$ 377,786	\$ 423,500		\$ 589,536	10.00	10.00%	\$ 58,954	\$ 71,269	\$ (12,315)	No
Subtotal 1980										\$ 731,050	\$ 1,032,016	\$ (300,966)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ 0		
1995	Contributions & Grants	\$ (324,549,674)	\$ (69,761)	\$ (324,479,913)	\$ (18,322,740)	\$ 992,581	\$ (333,144,992)	38.00	2.63%	\$ (8,766,973)	\$ (9,911,182)	\$ 1,144,208	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -		\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 730,711	\$ (28,748)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,953,507		\$ 4,953,507	\$ -		\$ 4,953,507	25.00	4.00%	\$ 198,140	\$ 288,281	\$ (90,141)	No
				\$ -			\$ -						
	Total	\$ 930,753,286	\$ 23,032,630	\$ 897,842,160	\$ 143,142,746	\$ (2,218,906)	\$ 968,304,080			\$ 35,624,609	\$ 42,782,365	\$ (7,157,756)	
Deduct: socialized renewable generation										\$ (118,000)			
Depreciation Additions per 2015 Appendix 2-BA										\$ 42,664,365			
Depreciation Additions per 2015 Appendix 2-BA (\$000)										\$ 42,664			

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2015 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

File Number: EB-2015-0003
 Exhibit:
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Appendix 2-CD3 Depreciation and Amortization Expense

Year: 2014 MIFRS

Account	Description	Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	Calculated Depreciation Expense	Actual Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1805	Land	\$ 18,230,788		\$ 18,230,788	\$ 4,190,538		\$ 20,326,057	-					
1806	Land Rights	\$ 826,097		\$ 826,097	\$ 46,195		\$ 849,195	-					
1808	Buildings	\$ 6,648,007		\$ 6,648,007	\$ 69,882		\$ 6,682,948	40.00	2.50%	\$ 167,074	\$ 211,400	\$ (44,327)	No
1810	Major Spare Parts	\$ 8,757,547		\$ 8,757,547	\$ 1,120,949		\$ 9,318,022	-					
1815	Transformer Station Equipment >50 kV	\$ (95,927)		\$ (95,927)	\$ 95,927		\$ (47,963)	40.00	2.50%	\$ (1,199)	\$ (0)	\$ (1,199)	No
1815	TS - Power Transformer & Other	\$ 10,830,983		\$ 10,830,983	\$ 711,219		\$ 11,186,593	40.00	2.50%	\$ 279,665	\$ 351,169	\$ (71,504)	No
1815	TS - Tap Changer	\$ 9,904,443	\$ 668,409	\$ 9,236,034	\$ 115,076		\$ 9,293,572	25.00	4.00%	\$ 371,743	\$ 661,062	\$ (289,320)	No
1815	TS - Winding	\$ 40,015,807		\$ 40,015,807	\$ 757,846		\$ 40,394,729	40.00	2.50%	\$ 1,009,868	\$ 1,333,101	\$ (323,232)	No
1815	TS - Support Steel Structure	\$ 6,815,281		\$ 6,815,281	\$ 20,679		\$ 6,825,620	40.00	2.50%	\$ 170,641	\$ 222,901	\$ (52,260)	No
1815	TS- Grounding Station	\$ 4,721,045		\$ 4,721,045	\$ 101,147		\$ 4,771,619	40.00	2.50%	\$ 119,290	\$ 162,409	\$ (43,119)	No
1815	TS - P&C System	\$ 4,990,942	\$ 1,030,235	\$ 3,960,708	\$ 888,034		\$ 4,404,725	20.00	5.00%	\$ 220,236	\$ 304,687	\$ (84,451)	No
1815	TS - Switchgear & Relays	\$ 17,743,714		\$ 17,743,714	\$ 574,700		\$ 18,031,065	30.00	3.33%	\$ 601,035	\$ 968,357	\$ (367,322)	No
1815	TS - Capacitor Banks	\$ 5,078,635		\$ 5,078,635	\$ 14,954		\$ 5,086,112	30.00	3.33%	\$ 169,537	\$ 205,487	\$ (35,950)	No
Subtotal 1815										\$ 2,940,817	\$ 4,209,173	\$ (1,268,356)	
1820	Distribution Station Equipment <50 kV	\$ (72,598)		\$ (72,598)	\$ 27,557		\$ (58,819)	30.00	3.33%	\$ (1,961)	\$ (3,960)	\$ 1,999	No
1820	MS - Power Transformer	\$ 10,345,317		\$ 10,345,317	\$ 1,031,189		\$ 10,860,911	40.00	2.50%	\$ 271,523	\$ 342,800	\$ (71,277)	No
1820	MS - Protection & Control	\$ 9,927,947	\$ 1,098,467	\$ 8,829,480	\$ 69,580		\$ 8,864,270	20.00	5.00%	\$ 443,214	\$ 708,831	\$ (265,618)	No
1820	MS - SwitchGear	\$ 2,909,557	\$ 5,731	\$ 2,903,826	\$ 76,261		\$ 2,941,957	30.00	3.33%	\$ 98,065	\$ 137,955	\$ (39,890)	No
Subtotal 1820										\$ 810,841	\$ 1,185,627	\$ (374,786)	
1825	Storage Battery Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1830	Poles, Towers & Fixtures	\$ 129,519,553		\$ 129,519,553	\$ 14,911,459	\$ (153,686)	\$ 136,898,440	45.00	2.22%	\$ 3,042,188	\$ 3,254,830	\$ (212,642)	No
1835	Overhead Conductors & Devices	\$ 113,752,294		\$ 113,752,294	\$ 10,628,493	\$ (131,346)	\$ 119,000,867	40.00	2.50%	\$ 2,975,022	\$ 3,505,044	\$ (530,022)	No
1840	Underground Conduit	\$ 79,016,668	\$ 163,935	\$ 78,852,732	\$ 18,429,587		\$ 88,067,526	60.00	1.67%	\$ 1,467,792	\$ 1,582,796	\$ (115,004)	No
1845	Underground Conductors & Devices	\$ 245,766,785	\$ 1,896,936	\$ 243,869,849	\$ 23,759,880	\$ (1,292,381)	\$ 255,103,599	45.00	2.22%	\$ 5,668,969	\$ 6,783,511	\$ (1,114,542)	No
1845	Underground Rehab. Cable injection	\$ -		\$ -	\$ 10,875,915		\$ 5,437,958	20.00	5.00%	\$ 271,898	\$ 297,998	\$ (26,100)	No
1849	Overhead Transformers	\$ 21,317,034		\$ 21,317,034	\$ 1,600,389	\$ (358,680)	\$ 21,937,889	40.00	2.50%	\$ 548,447	\$ 692,937	\$ (144,490)	No
1850	Underground Transformers	\$ 131,189,205	\$ 334,303	\$ 130,854,903	\$ 10,617,852	\$ (1,121,810)	\$ 135,602,924	30.00	3.33%	\$ 4,520,097	\$ 5,980,042	\$ (1,459,945)	No
1855	Overhead services	\$ 11,355,918		\$ 11,355,918	\$ 1,627,783		\$ 12,169,810	40.00	2.50%	\$ 304,245	\$ 344,746	\$ (40,501)	No
1856	Underground Services	\$ 51,351,274		\$ 51,351,274	\$ 3,816,510		\$ 53,259,529	25.00	4.00%	\$ 2,130,381	\$ 3,049,578	\$ (919,197)	No
1860	Meters	\$ 12,322,570	\$ 9,434	\$ 12,313,136	\$ 26,221	\$ (1,605,176)	\$ 11,523,659	25.00	4.00%	\$ 460,946	\$ 545,969	\$ (85,022)	No
1861	Interval Meters	\$ 16,536,152		\$ 16,536,152	\$ 2,606,350		\$ 17,839,328	15.00	6.67%	\$ 1,189,289	\$ 1,188,771	\$ 518	No
1862	Smart Meters	\$ 48,370,116		\$ 48,370,116	\$ 1,463,098		\$ 49,101,665	15.00	6.67%	\$ 3,273,444	\$ 3,559,388	\$ (285,943)	No
1870	Leased Properties	\$ 215,880		\$ 215,880	\$ (24,745)		\$ 203,508	10.00	10.00%	\$ 20,351	\$ 17,363	\$ 2,988	No
1908	Buildings & Fixtures	\$ 21,075,889		\$ 21,075,889	\$ 2,289,599		\$ 22,220,688	50.00	2.00%	\$ 444,414	\$ 459,358	\$ (14,944)	No
1908	Building & Fixtures - Structure	\$ 17,283,245		\$ 17,283,245	\$ 118,621		\$ 17,342,555	50.00	2.00%	\$ 346,851	\$ 401,807	\$ (54,956)	No
1908	Building & Fixtures - Windows	\$ 2,768,744		\$ 2,768,744	\$ 16,305		\$ 2,776,897	30.00	3.33%	\$ 92,563	\$ 100,772	\$ (8,209)	No
Subtotal 1908										\$ 883,828	\$ 961,938	\$ (78,110)	
1915	Office Furniture & Equipment	\$ 4,893,833	\$ 26,471	\$ 4,867,362	\$ 43,618		\$ 4,889,171	10.00	10.00%	\$ 488,917	\$ 594,117	\$ (105,200)	No
1920	Computer Equipment - Hardware	\$ 82,693		\$ 82,693	\$ (82,693)		\$ 41,346	5.00	20.00%	\$ 8,269	\$ -	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 1,829,802	\$ 904,705	\$ 925,096	\$ 486,046		\$ 1,168,120	4.00	25.00%	\$ 292,030	\$ 399,613	\$ (107,583)	No
1920	HW - Servers	\$ 4,905,951	\$ 1,455,299	\$ 3,450,653	\$ 1,808,224		\$ 4,354,765	5.00	20.00%	\$ 870,953	\$ 959,224	\$ (88,271)	No
1920	HW - MFP's	\$ 556,004	\$ 147,435	\$ 408,570	\$ 26,127		\$ 421,633	5.00	20.00%	\$ 84,327	\$ 103,801	\$ (19,475)	No
1920	HW - Switches/Routers	\$ 1,615,358	\$ 339,980	\$ 1,275,378	\$ 98,970		\$ 1,324,863	6.00	16.67%	\$ 220,811	\$ 302,113	\$ (81,302)	No
Subtotal 1920										\$ 1,476,389	\$ 1,764,751	\$ (288,362)	

**Appendix 2-CD3
Depreciation and Amortization Expense**

Year: **2014** MIFRS

Account	Description	Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	Calculated Depreciation Expense	Actual Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1611	Computer Software	\$ 14,608,343	\$ 4,944,009	\$ 9,664,334	\$ 2,132,083		\$ 10,730,376	4.00	25.00%	\$ 2,682,594	\$ 3,035,366	\$ (352,772)	No
1611	Software Operations	\$ -		\$ -	\$ 58,540		\$ 29,270	3.00	33.33%	\$ 9,757	\$ 9,757	\$ -	No
1611	CIS software	\$ 682,724		\$ 682,724	\$ (682,724)		\$ 341,362	10.00	10.00%	\$ 34,136	\$ -	\$ 34,136	No
Subtotal 1611										\$ 2,726,487	\$ 3,045,123	\$ (318,636)	
1930	Transportation Equipment - Light Vehicles	\$ 6,473,468	\$ 498,102	\$ 5,975,366	\$ 755,379	\$ (119,592)	\$ 6,293,259	7.00	14.29%	\$ 899,037	\$ 1,077,006	\$ (177,969)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 6,776,439		\$ 6,776,439	\$ 252,873	\$ (522)	\$ 6,902,614	12.00	8.33%	\$ 575,218	\$ 672,373	\$ (97,155)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 8,061	\$ (535)	No
Subtotal 1930										\$ 1,481,781	\$ 1,757,439	\$ (275,659)	
1935	Stores Equipment	\$ 3,504		\$ 3,504	\$ 142,426		\$ 74,717	10.00	10.00%	\$ 7,472	\$ 4,799	\$ 2,673	No
1940	Tools, Shop & Garage Equipment	\$ 3,752,852	\$ 305,653	\$ 3,447,199	\$ 564,072		\$ 3,729,235	10.00	10.00%	\$ 372,923	\$ 450,163	\$ (77,239)	No
1955	Communications Equipment	\$ 2,058,204	\$ 606,626	\$ 1,451,578	\$ 118,928		\$ 1,511,042	6.00	16.67%	\$ 251,840	\$ 356,494	\$ (104,654)	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 55,431	\$ 3,423	\$ -		\$ 3,423	3.00	33.33%	\$ 1,141	\$ 4,602	\$ (3,461)	No
Subtotal 1955										\$ 252,981	\$ 361,096	\$ (108,115)	
1960	Miscellaneous Equipment	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1961	Process Re-Engineering	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ (45)	\$ 45	No
1980	System Supervisor Equipment	\$ 2,187,691	\$ 136,767	\$ 2,050,924	\$ 153,151		\$ 2,127,499	15.00	6.67%	\$ 141,833	\$ 203,004	\$ (61,170)	No
1980	RTU	\$ 7,385,287	\$ 506,243	\$ 6,879,044	\$ 904,986		\$ 7,331,537	15.00	6.67%	\$ 488,769	\$ 755,836	\$ (267,066)	No
1980	Display Wall	\$ 606,054	\$ 248,503	\$ 357,552	\$ 66,622		\$ 390,863	10.00	10.00%	\$ 39,086	\$ 57,098	\$ (18,012)	No
Subtotal 1980										\$ 669,689	\$ 1,015,937	\$ (346,249)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)	\$ -		\$ -	\$ -		\$ -	-		\$ -	\$ -		
1995	Contributions & Grants	\$ (302,821,807)		\$ (302,821,807)	\$ (22,525,714)	\$ 797,847	\$ (313,685,741)	38.00	2.63%	\$ (8,254,888)	\$ (9,368,075)	\$ 1,113,187	No
2005	Leased Property - 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -		\$ 17,549,082	25.00	4.00%	\$ 701,963	\$ 730,711	\$ (28,748)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,972,017		\$ 4,972,017	\$ -	\$ (18,510)	\$ 4,962,762	25.00	4.00%	\$ 198,510	\$ 288,281	\$ (89,771)	No
				\$ -			\$ -						
	Total	\$ 837,760,832	\$ 15,382,672	\$ 822,378,160	\$ 96,995,967	\$ (4,003,856)	\$ 868,874,215			\$ 30,797,853	\$ 38,015,407	\$ (7,217,553)	

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards

⁴ Opening cost balance agrees with 2014 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

Deduct: Socialized renewable generation	\$ (105,000)
Depreciation Additions per 2012 Appendix G-2a-1	\$ 37,910,407
Depreciation Additions per 2012 Appendix G-2a-1 (\$000)	\$ 37,910

File Number:

EB-2015-0003

Exhibit:

Tab:

Schedule:

Page:

Revision Date:

August 21, 2015

Appendix 2-CD2 Depreciation and Amortization Expense

Year: 2013 MIFRS

OEB Account	Description	Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	Calculated Depreciation Expense	Actual Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (f)-(j)	
1805	Land	\$ 18,084,730		\$ 18,084,730	\$ 146,058		\$ 18,157,759	-					
1806	Land Rights	\$ 796,320		\$ 796,320	\$ 29,777		\$ 811,209	-					
1808	Buildings	\$ 6,307,736		\$ 6,307,736	\$ 340,271		\$ 6,477,872	40.00	2.50%	\$ 161,947	\$ 202,244	\$ (40,297)	No
1810	Major Spare Parts	\$ 8,108,314		\$ 8,108,314	\$ 649,233		\$ 8,432,931	-					
1815	Transformer Station Equipment >50 kV	\$ (18,373)		\$ (18,373)	\$ (77,554)		\$ (57,150)	40.00	2.50%	\$ (1,429)	\$ 0	\$ (1,429)	No
1815	TS - Power Transformer & Other	\$ 9,837,574		\$ 9,837,574	\$ 993,409		\$ 10,334,278	40.00	2.50%	\$ 258,357	\$ 319,545	\$ (61,188)	No
1815	TS - Tap Changer	\$ 9,593,901	\$ 307,492	\$ 9,286,409	\$ 310,542		\$ 9,441,680	25.00	4.00%	\$ 377,667	\$ 739,599	\$ (361,932)	No
1815	TS - Winding	\$ 39,112,412		\$ 39,112,412	\$ 903,394		\$ 39,564,109	40.00	2.50%	\$ 989,103	\$ 1,311,701	\$ (322,599)	No
1815	TS - Support Steel Structure	\$ 6,676,706		\$ 6,676,706	\$ 138,574		\$ 6,745,993	40.00	2.50%	\$ 168,650	\$ 222,056	\$ (53,406)	No
1815	TS- Grounding Station	\$ 4,744,697		\$ 4,744,697	\$ 98,561		\$ 4,793,978	40.00	2.50%	\$ 119,849	\$ 158,143	\$ (38,294)	No
1815	TS - P&C System	\$ 4,892,381	\$ 1,028,769	\$ 3,863,612	\$ 578,475		\$ 4,152,849	20.00	5.00%	\$ 207,642	\$ 272,807	\$ (65,164)	No
1815	TS - Switchgear & Relays	\$ 17,165,240		\$ 17,165,240	\$ 1,263,100		\$ 17,796,790	30.00	3.33%	\$ 593,226	\$ 924,962	\$ (331,736)	No
1815	TS - Capacitor Banks	\$ 3,815,535		\$ 3,815,535	\$ 72,780		\$ 3,851,925	30.00	3.33%	\$ 128,398	\$ 204,962	\$ (76,565)	No
Subtotal 1815										\$ 2,841,464	\$ 4,153,776	\$ (1,312,312)	
1820	Distribution Station Equipment <50 kV	\$ (145,378)		\$ (145,378)	\$ (23,652)		\$ (157,204)	30.00	3.33%	\$ (5,240)	\$ (3,930)	\$ (1,310)	No
1820	MS - Power Transformer	\$ 9,950,615		\$ 9,950,615	\$ 394,702		\$ 10,147,966	40.00	2.50%	\$ 253,699	\$ 326,303	\$ (72,604)	No
1820	MS - Protection & Control	\$ 9,724,177	\$ 1,011,192	\$ 8,712,985	\$ 203,770		\$ 8,814,870	20.00	5.00%	\$ 440,743	\$ 715,441	\$ (274,697)	No
1820	MS - SwitchGear	\$ 2,216,037	\$ 2,174	\$ 2,213,863	\$ 693,520		\$ 2,560,623	30.00	3.33%	\$ 85,354	\$ 116,064	\$ (30,710)	No
Subtotal 1820										\$ 774,557	\$ 1,153,878	\$ (379,321)	
1825	Storage Battery Equipment	\$ -		\$ -			\$ -	-					
1830	Poles, Towers & Fixtures	\$ 113,829,010		\$ 113,829,010	\$ 15,749,827	\$ (59,283)	\$ 121,674,282	45.00	2.22%	\$ 2,703,873	\$ 2,857,680	\$ (153,807)	No
1835	Overhead Conductors & Devices	\$ 102,674,158		\$ 102,674,158	\$ 11,150,543	\$ (73,684)	\$ 108,212,588	40.00	2.50%	\$ 2,705,315	\$ 3,180,794	\$ (475,479)	No
1836	Contract Services	\$ 1,277		\$ 1,277	\$ -	\$ -	\$ 1,277	25.00	4.00%	\$ 51	\$ 268	\$ (217)	No
1840	Underground Conduit	\$ 70,946,265	\$ 77,228	\$ 70,869,037	\$ 8,070,403		\$ 74,904,238	60.00	1.67%	\$ 1,248,404	\$ 1,384,952	\$ (136,548)	No
1845	Underground Conductors & Devices	\$ 214,995,763	\$ 1,607,457	\$ 213,388,306	\$ 31,247,882	\$ (476,860)	\$ 228,773,817	45.00	2.22%	\$ 5,083,863	\$ 6,097,677	\$ (1,013,814)	No
1849	Overhead Transformers	\$ 20,313,317		\$ 20,313,317	\$ 1,592,695	\$ (588,977)	\$ 20,815,176	40.00	2.50%	\$ 520,379	\$ 662,416	\$ (142,037)	No
1850	Underground Transformers	\$ 124,666,972	\$ 157,913	\$ 124,509,059	\$ 8,069,278	\$ (1,547,045)	\$ 127,770,176	30.00	3.33%	\$ 4,259,006	\$ 5,814,932	\$ (1,555,926)	No
1855	Overhead services	\$ 10,259,521		\$ 10,259,521	\$ 1,096,397		\$ 10,807,720	40.00	2.50%	\$ 270,193	\$ 310,193	\$ (40,000)	No
1856	Underground Services	\$ 47,892,364		\$ 47,892,364	\$ 3,458,910		\$ 49,621,819	25.00	4.00%	\$ 1,984,873	\$ 2,987,367	\$ (1,002,494)	No
1860	Meters	\$ 11,476,888	\$ 9,434	\$ 11,467,454	\$ 845,682		\$ 11,890,295	25.00	4.00%	\$ 475,612	\$ 467,236	\$ 8,376	No
1861	Interval Meters	\$ 12,367,314		\$ 12,367,314	\$ 4,168,839		\$ 14,451,733	15.00	6.67%	\$ 963,449	\$ 985,498	\$ (22,049)	No
1862	Smart Meters	\$ 46,922,382		\$ 46,922,382	\$ 1,447,734		\$ 47,646,249	15.00	6.67%	\$ 3,176,417	\$ 3,452,909	\$ (276,493)	No
1870	Leased Properties	\$ -		\$ -	\$ -		\$ -	-			\$ -		
1908	Buildings & Fixtures	\$ 20,555,542		\$ 20,555,542	\$ 520,347		\$ 20,815,715	50.00	2.00%	\$ 416,314	\$ 441,017	\$ (24,702)	No
1908	Building & Fixtures - Structure	\$ 17,001,103		\$ 17,001,103	\$ 282,142		\$ 17,142,174	50.00	2.00%	\$ 342,843	\$ 396,349	\$ (53,506)	No
1908	Building & Fixtures - Windows	\$ 2,682,153		\$ 2,682,153	\$ 86,591		\$ 2,725,449	30.00	3.33%	\$ 90,848	\$ 98,659		No
Subtotal 1908										\$ 850,006	\$ 936,025	\$ (86,018)	
1910	Leasehold improvements	\$ 11,225		\$ 11,225	\$ (7,164)		\$ 7,643	10	10.00%	\$ 764	\$ -	\$ 764	No
1910	LH improvements-JOC/Cochrane	\$ 53,946		\$ 53,946	\$ 157,874		\$ 132,883	2	50.00%	\$ 66,441	\$ 8,221	\$ 58,220	No
Subtotal 1910										\$ 67,206	\$ 8,221	\$ 58,984	
1915	Office Furniture & Equipment	\$ 4,876,458	\$ 21,758	\$ 4,854,700	\$ 17,376		\$ 4,863,388	10.00	10.00%	\$ 486,339	\$ 593,930	\$ (107,591)	No
1920	Computer Equipment - Hardware	\$ 82,693		\$ 82,693	\$ (0)		\$ 82,693	5.00	20.00%	\$ 16,539	\$ -	\$ 16,539	No
1920	HW - Desktops/Laptops	\$ 1,520,435	\$ 691,967	\$ 828,468	\$ 309,367		\$ 983,152	4.00	25.00%	\$ 245,788	\$ 266,555	\$ (20,767)	No
1920	HW - Servers	\$ 3,160,714	\$ 790,252	\$ 2,370,462	\$ 1,745,238		\$ 3,243,081	5.00	20.00%	\$ 648,616	\$ 616,004	\$ 32,612	No

Appendix 2-CD2 Depreciation and Amortization Expense

Year: **2013** MIFRS

OEB Account	Description	Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	Disposals	Total for Depreciation ²	Years	Depreciation Rate	Calculated Depreciation Expense	Actual Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(f)	(e) = (c) + ½ x (d) + ½ x (f)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(i)	(k) = (f)-(i)	
1920	HW - MFP's	\$ 468,370	\$ 82,234	\$ 386,136	\$ 87,634		\$ 429,953	5.00	20.00%	\$ 85,991	\$ 59,770	\$ 26,221	No
1920	HW - Switches/Routers	\$ 1,619,847	\$ 130,987	\$ 1,488,860	\$ (4,489)		\$ 1,486,616	6.00	16.67%	\$ 247,769	\$ 251,900	\$ (4,130)	No
Subtotal 1920										\$ 1,244,703	\$ 1,194,228	\$ 50,474	
1925	Computer Software	\$ 11,791,701	\$ 1,823,338	\$ 9,968,363	\$ 2,816,643		\$ 11,376,685	4.00	25.00%	\$ 2,844,171	\$ 2,700,858	\$ 143,313	No
1925	CIS Software	\$ 286,665		\$ 286,665	\$ 396,059		\$ 484,695	10.00	10.00%	\$ 48,469	\$ -	\$ 48,469	No
1930	Transportation Equipment - Light Vehicles	\$ 4,674,808	\$ 205,387	\$ 4,469,421	\$ 1,808,634	\$ (9,974)	\$ 5,368,751	7.00	14.29%	\$ 766,964	\$ 958,229	\$ (191,265)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 6,688,130		\$ 6,688,130	\$ 88,391	\$ (82)	\$ 6,732,284	12.00	8.33%	\$ 561,024	\$ 632,110	\$ (71,086)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -		\$ 165,563	22.00	4.55%	\$ 7,526	\$ 6,007	\$ 1,519	No
Subtotal 1930										\$ 1,335,514	\$ 1,596,346	\$ (260,832)	
1935	Stores Equipment	\$ 3,504		\$ 3,504	\$ -		\$ 3,504	10.00	10.00%	\$ 350	\$ 648	\$ (298)	No
1940	Tools, Shop & Garage Equipment	\$ 3,242,632	\$ 183,357	\$ 3,059,275	\$ 510,219		\$ 3,314,385	10.00	10.00%	\$ 331,438	\$ 429,820	\$ (98,382)	No
1955	Communications Equipment	\$ 1,816,883	\$ 55,635	\$ 1,761,248	\$ 241,321		\$ 1,881,909	6.00	16.67%	\$ 313,651	\$ 401,700	\$ (88,048)	No
1955	Wireless Communication Equipment	\$ 58,854	\$ 39,778	\$ 19,077	\$ -		\$ 19,077	3.00	33.33%	\$ 6,359	\$ 9,578	\$ (3,219)	No
Subtotal 1955										\$ 320,010	\$ 411,277	\$ (91,267)	
1960	Miscellaneous Equipment			\$ -			\$ -	-					
1961	Process Re-Engineering	\$ (4,884,243)		\$ (4,884,243)	\$ 4,884,243		\$ (2,442,122)	3.00	33.33%	\$ (814,041)	\$ 120,228	\$ (934,268)	No
1980	System Supervisor Equipment	\$ 2,132,946	\$ 100,452	\$ 2,032,494	\$ 54,744		\$ 2,059,866	15.00	6.67%	\$ 137,324	\$ 190,008	\$ (52,684)	No
1980	RTU	\$ 6,153,451	\$ 374,235	\$ 5,779,217	\$ 1,237,169		\$ 6,397,801	15.00	6.67%	\$ 426,520	\$ 720,579	\$ (294,059)	No
1980	Display Wall	\$ 588,033	\$ 212,264	\$ 375,769	\$ 18,022	\$ (5,333)	\$ 382,114	10.00	10.00%	\$ 38,211	\$ 73,362	\$ (35,150)	No
Subtotal 1980										\$ 602,056	\$ 983,949	\$ (381,893)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)			\$ -			\$ -	-		\$ -			
1995	Contributions & Grants			\$ -			\$ -	37.50	2.67%	\$ -		\$ -	No
1995	Contributions & Grants- post IFRs	\$ (279,841,374)		\$ (279,841,374)	\$ (24,096,984)	\$ 1,116,550	\$ (291,331,591)	37.50	2.67%	\$ (7,768,842)	\$ (8,836,252)	\$ 1,067,410	No
2005	Leased Property- 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -		\$ 17,549,082	25	4.00%	\$ 701,963	\$ 730,711	\$ (28,748)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 4,972,017		\$ 4,972,017	\$ -		\$ 4,972,017	19.25	5.19%	\$ 258,287	\$ 288,281	\$ (29,995)	No
				\$ -			\$ -						
Total										\$ 27,628,561	\$ 34,870,090	\$ (7,241,530)	

Notes:

¹ This adjustment removes those assets that been fully depreciated.

² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.

³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board.

⁴ Opening cost balance agrees with 2013 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.

⁵ Total difference explained per exhibit VI.19.1

Deduct: Socialized renewable generation	\$ (74,000)
Depreciation Additions per 2012 Appendix G-2a-1	\$ 34,796,090
Depreciation Additions per 2012 Appendix G-2a-1 (\$000)	\$ 34,796

File Number: EB-2015-0003
Exhibit:
Tab:
Schedule:
Page:

Revision Date: August 21, 2015

Appendix 2-CD1
Depreciation and Amortization Expense

Year: 2012 MIFRS

Account	Description	Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	WIP Change /other Adjustments	Disposals	Total for Depreciation ²	Years	Depreciation Rate	Calculated Depreciation Expense	Actual Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(i)	(f)	(e) = (c) + ½ x (d) + ½ x (f) + ½ x (i)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (h)-(j)	
1805	Land	\$ 10,967,832		\$ 10,967,832	\$ 7,116,899			\$ 14,526,281	0		\$ -	\$ -	\$ -	
1806	Land Rights	\$ 765,752		\$ 765,752	\$ 30,568			\$ 781,036	0		\$ -	\$ -	\$ -	
1808	Buildings	\$ 6,120,072		\$ 6,120,072	\$ 187,664			\$ 6,213,904	40	2.50%	\$ 155,348	\$ 197,341	\$ (41,993)	No
1810	Major Spare Parts	\$ 9,183,889	\$ -	\$ 9,183,889	\$ (1,075,575)			\$ 8,646,102	0	0.00%	\$ -	\$ -	\$ -	
1815	Transformer Station Equipment >50 kV	\$ (61,884)		\$ (61,884)	\$ 43,511			\$ (40,129)	40	2.50%	\$ (1,003)	\$ -	\$ (1,003)	No
1815	TS - Power Transformer & Other	\$ 9,507,113		\$ 9,507,113	\$ 330,461			\$ 9,672,343	40	2.50%	\$ 241,809	\$ 313,476	\$ (71,668)	No
1815	TS - Tap Changer	\$ 9,507,113	\$ 123,703	\$ 9,383,410	\$ 86,788			\$ 9,426,804	25	4.00%	\$ 377,072	\$ 770,606	\$ (393,534)	No
1815	TS - Winding	\$ 38,979,163		\$ 38,979,163	\$ 133,250			\$ 39,045,788	40	2.50%	\$ 976,145	\$ 1,285,326	\$ (309,181)	No
1815	TS - Support Steel Structure	\$ 6,654,979		\$ 6,654,979	\$ 21,727			\$ 6,665,843	40	2.50%	\$ 166,646	\$ 219,433	\$ (52,787)	No
1815	TS- Grounding Station	\$ 4,726,649		\$ 4,726,649	\$ 18,048			\$ 4,735,673	40	2.50%	\$ 118,392	\$ 156,064	\$ (37,672)	No
1815	TS - P&C System	\$ 4,753,556	\$ 1,021,809	\$ 3,731,747	\$ 138,825			\$ 3,801,159	20	5.00%	\$ 190,058	\$ 418,422	\$ (228,364)	No
1815	TS - Switchgear & Relays	\$ 17,112,803		\$ 17,112,803	\$ 52,437			\$ 17,139,021	30	3.33%	\$ 571,301	\$ 913,826	\$ (342,525)	No
1815	TS - Capacitor Banks	\$ 3,802,845		\$ 3,802,845	\$ 12,690			\$ 3,809,190	30	3.33%	\$ 126,973	\$ 203,072	\$ (76,099)	No
Subtotal 1815											\$ 2,767,392	\$ 4,280,226	\$ (1,512,834)	
1820	Distribution Station Equipment <50 kV	\$ (163,475)		\$ (163,475)	\$ 18,097			\$ (154,426)	30	3.33%	\$ (5,148)	\$ (3,930)	\$ (1,218)	No
1820	MS - Power Transformer	\$ 9,878,053		\$ 9,878,053	\$ 72,562			\$ 9,914,334	40	2.50%	\$ 247,858	\$ 324,289	\$ (76,431)	No
1820	MS - Protection & Control	\$ 9,664,514	\$ 1,004,290	\$ 8,660,224	\$ 59,663			\$ 8,690,055	20	5.00%	\$ 434,503	\$ 727,075	\$ (292,572)	No
1820	MS - SwitchGear	\$ 2,147,671		\$ 2,147,671	\$ 68,367			\$ 2,181,854	30	3.33%	\$ 72,728	\$ 114,089	\$ (41,360)	No
Subtotal 1820											\$ 749,942	\$ 1,161,523	\$ (411,581)	
1825	Storage Battery Equipment			\$ -				\$ -	0					
1830	Poles, Towers & Fixtures	\$ 100,912,590		\$ 100,912,590	\$ 13,031,070		\$ (114,651)	\$ 107,370,800	45	2.22%	\$ 2,386,018	\$ 2,605,951	\$ (219,934)	No
1835	Overhead Conductors & Devices	\$ 94,289,247		\$ 94,289,247	\$ 8,571,803		\$ (186,892)	\$ 98,481,703	40	2.50%	\$ 2,462,043	\$ 2,996,224	\$ (534,181)	No
1836	Contract Services	\$ 1,277		\$ 1,277		\$ -		\$ 1,277	25	4.00%	\$ 51	\$ 269	\$ (218)	No
1840	Underground Conduit	\$ 63,373,941	\$ 16,659	\$ 63,357,283	\$ 7,572,324	\$ -		\$ 67,143,445	60	1.67%	\$ 1,119,057	\$ 1,253,271	\$ (134,214)	No
1845	Underground Conductors & Devices	\$ 185,285,788	\$ 1,452,824	\$ 183,832,964	\$ 30,099,266		\$ (389,290)	\$ 198,687,951	45	2.22%	\$ 4,415,288	\$ 5,461,706	\$ (1,046,418)	No
1849	Overhead Transformers	\$ 19,101,813		\$ 19,101,813	\$ 1,796,412		\$ (584,909)	\$ 19,707,565	40	2.50%	\$ 492,689	\$ 638,163	\$ (145,474)	No
1850	Underground Transformers	\$ 113,944,254	\$ 39,889	\$ 113,904,365	\$ 11,803,073		\$ (1,080,354)	\$ 119,265,724	30	3.33%	\$ 3,975,524	\$ 5,555,775	\$ (1,580,251)	No
1855	Overhead Services	\$ 8,976,989		\$ 8,976,989	\$ 1,282,532			\$ 9,618,255	40	2.50%	\$ 240,456	\$ 281,555	\$ (41,099)	No
1856	Underground Services	\$ 44,956,111		\$ 44,956,111	\$ 2,936,253			\$ 46,424,238	25	4.00%	\$ 1,856,970	\$ 2,957,518	\$ (1,100,548)	No
1860	Meters	\$ 8,603,818	\$ 9,434	\$ 8,594,384	\$ 1,203,753		\$ (75,174)	\$ 9,158,673	25	4.00%	\$ 366,347	\$ 424,794	\$ (58,447)	No
1861	Interval Meters	\$ 9,454,519		\$ 9,454,519	\$ 2,704,192	\$ 208,603		\$ 11,015,218	15	6.67%	\$ 734,348	\$ 777,178	\$ (42,830)	No
1862	Smart Meters	\$ 46,535,921		\$ 46,535,921	\$ 470,924		\$ (84,463)	\$ 46,729,152	15	6.67%	\$ 3,115,277	\$ 3,413,142	\$ (297,865)	No
1870	Leased Properties	\$ -		\$ -	\$ -			\$ -	10	10.00%	\$ -	\$ -	\$ -	
1908	Buildings & Fixtures	\$ 20,314,207		\$ 20,314,207	\$ 241,334			\$ 20,434,874	50	2.00%	\$ 408,697	\$ 435,775	\$ (27,078)	No
1908	Building & Fixtures - Structure	\$ 16,914,769		\$ 16,914,769	\$ 86,334			\$ 16,957,936	50	2.00%	\$ 339,159	\$ 394,010	\$ (54,851)	No
1908	Building & Fixtures - Windows	\$ 2,655,479		\$ 2,655,479	\$ 26,674			\$ 2,668,816	30	3.33%	\$ 88,961	\$ 97,218	\$ (8,258)	No
Subtotal 1908											\$ 836,817	\$ 927,003	\$ (90,186)	

Appendix 2-CD1 Depreciation and Amortization Expense

Year: 2012 MIFRS

Account	Description	Opening Balance MIFRS Cost ⁴	Less Fully Depreciated ¹	Net for Depreciation	Additions	WIP Change /other Adjustments	Disposals	Total for Depreciation ²	Years	Depreciation Rate	Calculated Depreciation Expense	Actual Depreciation Expense	Differences ⁵	Did Depreciation Rate in "g" Change (Yes/No)? ³
		(a)	(b)	(c) = (a) - (b)	(d)	(i)	(f)	(e) = (c) + ½ x (d) + ½ x (f) + ½ x (i)	(f)	(g) = 1 / (f)	(h) = (e) / (f)	(j)	(k) = (h) - (j)	
1910	Leasehold improvements	\$ -		\$ -	\$ 11,225			\$ 5,613	10	10.00%	\$ 561	\$ -	\$ 561	No
1910	LH improvements-JOC/Cochrane	\$ -		\$ -	\$ 53,946			\$ 26,973	2	50.00%	\$ 13,486	\$ 240	\$ 13,246	No
								Subtotal 1910			\$ 14,048	\$ 240	\$ 13,808	
1915	Office Furniture & Equipment	\$ 3,653,846	\$ 16,144	\$ 3,637,702	\$ 1,222,611			\$ 4,249,008	10	10.00%	\$ 424,901	\$ 556,015	\$ (131,114)	No
1920	Computer Equipment - Hardware	\$ 0		\$ 0	\$ 82,693			\$ 41,346	5.00	20.00%	\$ 8,269	\$ -	\$ 8,269	No
1920	HW - Desktops/Laptops	\$ 1,179,810	\$ 405,084	\$ 774,726	\$ 340,625			\$ 945,038	4.00	25.00%	\$ 236,260	\$ 353,176	\$ (116,916)	No
1920	HW - Servers	\$ 2,573,824	\$ 305,768	\$ 2,268,055	\$ 586,890			\$ 2,561,500	5.00	20.00%	\$ 512,300	\$ 707,330	\$ (195,030)	No
1920	HW - MFP's	\$ 247,892	\$ 31,828	\$ 216,064	\$ 220,478			\$ 328,303	5	20.00%	\$ 65,261	\$ 68,448	\$ (3,187)	No
1920	HW - Switches/Routers	\$ 1,098,302	\$ 32,831	\$ 1,065,470	\$ 521,545			\$ 1,326,243	6	16.67%	\$ 221,041	\$ 260,585	\$ (39,545)	No
								Subtotal 1920			\$ 1,043,130	\$ 1,389,539	\$ (346,409)	
1925	Computer Software	\$ 8,750,349	\$ 391,870	\$ 8,358,479	\$ 3,041,352			\$ 9,879,155	4	25.00%	\$ 2,469,789	\$ 2,503,439	\$ (33,650)	No
1925	CIS Software	\$ -		\$ -	\$ 286,665	\$ (286,665)		\$ 0	10	10.00%	\$ 0	\$ -		No
1930	Transportation Equipment - Light Vehicles	\$ 3,719,076		\$ 3,719,076	\$ 955,732			\$ 4,196,942	7	14.29%	\$ 599,563	\$ 780,868	\$ (181,305)	No
1930	Transportation Equipment - Heavy Vehicles	\$ 5,696,742		\$ 5,696,742	\$ 991,388			\$ 6,192,436	12	8.33%	\$ 516,036	\$ 609,316	\$ (93,279)	No
1930	Transportation Equipment - Trailers	\$ 165,563		\$ 165,563	\$ -			\$ 165,563	22	4.55%	\$ 7,526	\$ 6,023	\$ 1,503	No
								Subtotal 1930			\$ 1,123,125	\$ 1,396,206	\$ (273,081)	
1935	Stores Equipment	\$ (3,583)		\$ (3,583)	\$ 7,087			\$ (39)	10	10.00%	\$ (4)	\$ 211	\$ (215)	No
1940	Tools, Shop & Garage Equipment	\$ 2,528,018	\$ 39,142	\$ 2,488,876	\$ 714,614			\$ 2,846,183	10	10.00%	\$ 284,618	\$ 419,213	\$ (134,595)	No
1955	Communications Equipment	\$ 1,563,008	\$ 54,666	\$ 1,508,341	\$ 253,875			\$ 1,635,279	6	16.67%	\$ 272,546	\$ 358,050	\$ (85,503)	No
1955	Wireless Communication Equipment	\$ 55,431	\$ 20,932	\$ 34,499	\$ 3,423			\$ 36,211	3	33.33%	\$ 12,070	\$ 19,439	\$ (7,369)	No
								Subtotal 1955			\$ 284,617	\$ 377,489	\$ (92,872)	
1960	Miscellaneous Equipment			\$ -				\$ -	10	10.00%	\$ -	\$ -	\$ -	
1961	Process Re-Engineering	\$ -		\$ -	\$ (4,884,243)			\$ (2,442,122)	3	33.33%	\$ (814,041)	\$ (120,228)	\$ (693,813)	No
1980	System Supervisor Equipment	\$ 1,809,664	\$ 87,183	\$ 1,722,481	\$ 323,282			\$ 1,884,122	15	6.67%	\$ 125,608	\$ 189,847	\$ (64,239)	No
1980	RTU	\$ 5,740,351	\$ 324,543	\$ 5,415,808	\$ 419,768		\$ (6,667)	\$ 5,622,358	15	6.67%	\$ 374,824	\$ 697,866	\$ (323,042)	No
1980	Display Wall	\$ 548,737	\$ 155,089	\$ 393,648	\$ 39,296			\$ 413,295	10	10.00%	\$ 41,330	\$ 90,983	\$ (49,654)	No
								Subtotal 1980			\$ 541,762	\$ 978,696	\$ (436,935)	
1985	Miscellaneous Fixed Assets (Sentinel Lights)			\$ -				\$ -	0				\$ -	
1995	Contributions & Grants			\$ -				\$ -	37.5	2.67%	\$ -		\$ -	No
1995	Contributions & Grants- Post IFRS	\$ (243,086,345)		\$ (243,086,345)	\$ (37,639,769)		\$ 884,740	\$ (261,463,859)	37.5	2.67%	\$ (6,972,370)	\$ (8,140,757)	\$ 1,168,387	No
2005	Leased Property- 80 Addiscott	\$ 17,549,082		\$ 17,549,082	\$ -			\$ 17,549,082	25	4.00%	\$ 701,963	\$ 732,713	\$ (30,750)	No
1611	Barrie - Cont. Capital - Ont. Hydro	\$ 609,442		\$ 609,442	\$ 4,362,575			\$ 2,790,730	19.25	5.19%	\$ 144,973	\$ 288,281	\$ (143,308)	No
								\$ -						
								\$ -						
								\$ -						
	Total	\$ 693,266,577	\$ 5,533,690	\$ 687,732,887	\$ 61,056,983	\$ (78,062)	\$ (1,637,660)	\$ 718,261,378		\$ 5	\$ 24,920,077	\$ 33,312,696	\$ (8,392,620)	
											Deduct: Socialized renewable generation		\$ (50,000)	
											Depreciation Additions per 2012 Appendix G-2a-1		\$ 33,262,696	
											Depreciation Additions per 2012 Appendix G-2a-1 (\$000)		\$ 33,263	

Notes:¹ This adjustment removes those assets that been fully depreciated.² Applicable for the standard Board policy of the "half-year" rule, that additions in the year attract a half-year depreciation expense in the first year.³ Applicants must indicate YES or NO as to whether the "Depreciation Rate" for the asset in column "g" has changed from the last rebasing year approved by the Board. Changes may arise due to the adoption of International Financial Reporting Standards⁴ Opening cost balance agrees with 2012 Test Year Appendix G-2a-1 Fixed Asset Continuity per Section 2, Tab 2.⁵ Total difference explained per exhibit VI.19.1



Version 2.0

Utility Name	PowerStream Inc. - South
Assigned EB Number	EB-2015-xxxx
Name and Title	Tom Barrett, Manager Rate Applications
Phone Number	905-532-4640
Email Address	tom.barrett@powerstream.ca
Date	30-Apr-15
Last COS Re-based Year	2013

Note: Drop-down lists are shaded blue; Input cells are shaded green.

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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.



Income Tax/PILs Workform for 2016 Custom IR

[1. Info](#)
[A. Data Input Sheet](#)
[B. Tax Rates & Exemptions](#)
[C. Sch 8 Hist](#)
[D. Schedule 10 CEC Hist](#)
[E. Sch 13 Tax Reserves Hist](#)
[F. Sch 7-1 Loss Cfwd Hist](#)
[G. Adj. Taxable Income Historic](#)
[H. PILs,Tax Provision Historic](#)
[I. Schedule 8 CCA Bridge Year](#)
[J. Schedule 10 CEC Bridge Year](#)

[K. Sch 13 Tax Reserves Bridge](#)
[L. Sch 7-1 Loss Cfwd Bridge](#)
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[O. Schedule 8 CCA Test Year](#)
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[R. Sch 7-1 Loss Cfwd](#)
[S. Taxable Income Test Year](#)
[T. PILs,Tax Provision](#)



Income Tax/PILs Workform for 2016 Custom IR

	Test Year 1 (2016)	Test Year 2 (2017)	Test Year 3 (2018)	Test Year 4 (2019)	Test Year 5 (2020)	
Rate Base	\$ 1,008,057,574	\$ 1,091,776,553	\$ 1,173,034,221	\$ 1,244,720,821	\$ 1,314,691,292	
Return on Ratebase						
Deemed ShortTerm Debt	\$ 40,322,303	\$ 43,671,062	\$ 46,921,369	\$ 49,788,833	\$ 52,587,652	$W = S * T$
Deemed Long Term Debt	\$ 564,512,241	\$ 611,394,870	\$ 656,899,164	\$ 697,043,660	\$ 736,227,124	$X = S * U$
Deemed Equity	\$ 403,223,030	\$ 436,710,621	\$ 469,213,689	\$ 497,888,328	\$ 525,876,517	$Y = S * V$
Short Term Interest Rate	\$ 870,962	\$ 1,310,132	\$ 1,407,641	\$ 1,493,665	\$ 1,577,630	$AC = W * Z$
Long Term Interest	\$ 22,347,734	\$ 24,491,485	\$ 26,461,324	\$ 28,078,432	\$ 29,656,827	$AD = X * AA$
Return on Equity (Regulatory Income)	\$ 37,499,742	\$ 40,614,088	\$ 43,636,873	\$ 46,303,615	\$ 48,906,516	$AE = Y * AB$
Return on Rate Base	\$ 60,718,438	\$ 66,415,705	\$ 71,505,838	\$ 75,875,711	\$ 80,140,972	$AF = AC + AD + AE$

Return on Rate Base Parameteres

Deemed ShortTerm Debt %	T	4.00%	4.00%	4.00%	4.00%	4.00%
Deemed Long Term Debt %	U	56.00%	56.00%	56.00%	56.00%	56.00%
Deemed Equity %	V	40.00%	40.00%	40.00%	40.00%	40.00%
Short Term Interest Rate	Z	2.16%	3.00%	3.00%	3.00%	3.00%
Long Term Interest	AA	3.96%	4.01%	4.03%	4.03%	4.03%
Return on Equity	AB	9.30%	9.30%	9.30%	9.30%	9.30%

Questions that must be answered

	Historic 2014	Bridge 2015	Test Year 1 2016	Test Year 2 2017	Test Year 3 2018	Test Year 4 2019	Test Year 5 2020
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes						
2. Does the applicant have any SRED Expenditures?							
3. Does the applicant have any Capital Gains or Losses for tax purposes?							
4. Does the applicant have any Capital Leases?	No						
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?							
6. Since 1999, has the applicant acquired another regulated applicant's assets?							
7. Did the applicant pay dividends? <i>If Yes, please describe what was the tax treatment in the manager's summary.</i>							
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?							

[illegible]



Income Tax/PILs

Workform for 2016 Custom IR

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historic per tax returns	Less: Non- Distribution Portion	UCC Regulated Historic Year
1	Distribution System - post 1987	380,866,553		380,866,553
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election			0
2	Distribution System - pre 1988	47,884,706		47,884,706
8	General Office/Stores Equip	37,366,014		37,366,014
10	Computer Hardware/ Vehicles	4,999,488		4,999,488
10.1	Certain Automobiles			0
12	Computer Software	697,008		697,008
13₁	Lease # 1	166,462		166,462
13₂	Lease #2	3,592,709		3,592,709
13₃	Lease # 3	486,637		486,637
13₄	Lease # 4	940,498		940,498
14	Franchise			0
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	365,506		365,506
42	Fibre Optic Cable			0
43.1	Certain Energy-Efficient Electrical Generating Equipment			0
43.2	Certain Clean Energy Generation Equipment			0
45	Computers & Systems Software acq'd post Mar 22/04	36,306		36,306
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			0
47	Distribution System - post February 2005	325,433,485		325,433,485
50	Data Network Infrastructure Equipment - post Mar 2007	2,575,472		2,575,472
52	Computer Hardware and system software			0
95	CWIP	68,314,217		68,314,217
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
	SUB-TOTAL - UCC	873,725,061	0	873,725,061



Income Tax/PILs Workform for 2016 Custom IR

Schedule 10 CEC - Historical Year

Cumulative Eligible Capital

5,784,065

Additions

Cost of Eligible Capital Property Acquired during Test Year

46,195

Other Adjustments

0

Subtotal

46,195

 $\times 3/4 = 34,646$

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

 $\times 1/2 = 0$

34,646

34,646

Amount transferred on amalgamation or wind-up of subsidiary

0

0

Subtotal

5,818,711

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

 $\times 3/4 =$

0

Cumulative Eligible Capital Balance

5,818,711

Current Year Deduction

5,818,711

 $\times 7\% =$

407,310

Cumulative Eligible Capital - Closing Balance

5,411,401



Income Tax/PILs Workform for 2016 Custom IR

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
Employee future benefits			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	17,362,424		17,362,424
-Short & Long-term Disability			0
-Accumulated 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)	69,157		69,157
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0
Other			0
Bad debt general provision	1,641,878		
inventory general provision	152,286		
			0
			0
Total	19,225,745	0	17,431,581



Income Tax/PILs Workform for 2016 Custom IR

Schedule 7-1 Loss Carry Forward - Historic

Corporation Loss Continuity and Application

	Total	Non-Distribution Portion	Utility Balance
Non-Capital Loss Carry Forward Deduction			
Actual Historic			0

	Total	Non-Distribution Portion	Utility Balance
Net Capital Loss Carry Forward Deduction			
Actual Historic			0

Income Tax/PILs Workform for 2016 Custom IR

Adjusted Taxable Income - Historic Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	A	13,947,478		13,947,478
Additions:				
Interest and penalties on taxes	103			0
Amortization of tangible assets	104	37,252,358		37,252,358
Amortization of intangible assets	106	3,301,540		3,301,540
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	419,695		419,695
Taxable Capital Gains	113			0
Political Donations	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118	1,132,172		1,132,172
Capitalized interest	119			0
Non-deductible club dues and fees	120	46,294		46,294
Non-deductible meals and entertainment expense	121	125,519		125,519
Non-deductible automobile expenses	122	10,637		10,637
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	19,225,745		19,225,745
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	41,093		41,093
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
Retail settlement variances charged to income	294	13,937,654		13,937,654
Income tax provision	295	804,143		804,143
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		5,398		5,398
Derecognition of assets expense		2,078,248		2,078,248
Ontario Specific Tax Credits - Co-op		201,000		201,000
Ontario Specific Tax Credits - Apprenticeship		295,014		295,014
imputed interest on lease capitalized for accounting		1,134,547		1,134,547
				0
				0
				0
				0
				0
Total Additions		80,011,057	0	80,011,057

Deductions:

Gain on disposal of assets per financial statements	401	46,182		46,182
Dividends not taxable under section 83	402			0
Capital cost allowance from Schedule 8	403	61,263,323		61,263,323
Terminal loss from Schedule 8	404			0
Cumulative eligible capital deduction from Schedule 10	405	407,310		407,310
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411	1,874,370		1,874,370
Tax reserves claimed in current year	413			0
Reserves from financial statements - balance at beginning of year	414	20,789,352		20,789,352
Contributions to deferred income plans	416			0
Book income of joint venture or partnership	305	-462,672		-462,672
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	1,450,713		1,450,713
Capital Lease Payments	391	1,429,911		1,429,911
Non-taxable imputed interest income on deferral and variance accounts	392			0
	393			0
	394			0
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)		563,628		563,628
Deduction of amortization of deferred revenue		2,453,587		2,453,587
				0
				0
				0
				0
				0
				0
Total Deductions		89,815,704	0	89,815,704
Net Income for Tax Purposes		4,142,831	0	4,142,831
Charitable donations from Schedule 2	311	186,000		186,000
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		3,956,831	0	3,956,831



Income Tax/PILs Workform for 2016 Custom IR

PILs Tax Provision - Historic Year

Note: Input the actual information from the tax returns for the historic year.

Wires Only

Regulatory Taxable Income

\$ 3,956,831 A

Ontario Income Taxes

Income tax payable

Ontario Income Tax

11.50% B

\$ 455,036 C = A * B

Small business credit

Ontario Small Business Threshold
Rate reduction (negative)

\$ 166,667 D

-7.00% E

-\$ 3,889 F = D * E

Ontario Income tax

\$ 451,147 J = C + F

Combined Tax Rate and PILs

Effective Ontario Tax Rate

11.40%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

26.402% M = K + L

Total Income Taxes

\$ 1,044,671 N = A * M

Investment Tax Credits

\$ 605,593 O

Miscellaneous Tax Credits

\$ 496,014 P

Total Tax Credits

\$ 1,101,607 Q = O + P

Corporate PILs/Income Tax Provision for Historic Year

-\$ 56,936 R = N - Q

Schedule 8 CCA - Bridge Year

Class	Class Description	UCC Regulated Historic 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	\$ 380,866,553	\$ 3,972,000		\$ 384,838,553	\$ 1,986,000	\$ 382,852,553	4%	\$ 15,314,102	\$ 369,524,451
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election				\$ -	\$ -	\$ -	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 47,884,706			\$ 47,884,706	\$ -	\$ 47,884,706	6%	\$ 2,873,082	\$ 45,011,624
8	General Office/Stores Equip	\$ 37,366,014	\$ 1,554,000		\$ 38,920,014	\$ 777,000	\$ 38,143,014	20%	\$ 7,628,603	\$ 31,291,411
10	Computer Hardware/ Vehicles	\$ 4,999,488	\$ 2,263,000		\$ 7,262,488	\$ 1,131,500	\$ 6,130,988	30%	\$ 1,839,296	\$ 5,423,192
10.1	Certain Automobiles				\$ -	\$ -	\$ -	30%	\$ -	\$ -
12	Computer Software	\$ 697,008	\$ 50,245,800		\$ 50,942,808	\$ 25,122,900	\$ 25,819,908	100%	\$ 25,819,908	\$ 25,122,900
13.1	Lease # 1	\$ 166,462			\$ 166,462	\$ -	\$ 166,462		\$ 9,727	\$ 156,735
13.2	Lease #2	\$ 3,592,709			\$ 3,592,709	\$ -	\$ 3,592,709		\$ 256,622	\$ 3,336,087
13.3	Lease # 3	\$ 486,637			\$ 486,637	\$ -	\$ 486,637		\$ 31,395	\$ 455,242
13.4	Lease # 4	\$ 940,498			\$ 940,498	\$ -	\$ 940,498		\$ 36,882	\$ 903,616
14	Franchise				\$ -	\$ -	\$ -		\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	\$ 365,506			\$ 365,506	\$ -	\$ 365,506	8%	\$ 29,240	\$ 336,266
42	Fibre Optic Cable				\$ -	\$ -	\$ -	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment				\$ -	\$ -	\$ -	30%	\$ -	\$ -
43.2	Certain Clean Energy Generation Equipment				\$ -	\$ -	\$ -	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 36,306			\$ 36,306	\$ -	\$ 36,306	45%	\$ 16,338	\$ 19,968
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)				\$ -	\$ -	\$ -	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 325,433,485	\$ 80,283,500		\$ 405,716,985	\$ 40,141,750	\$ 365,575,235	8%	\$ 29,246,019	\$ 376,470,966
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 2,575,472	\$ 2,036,000		\$ 4,611,472	\$ 1,018,000	\$ 3,593,472	55%	\$ 1,976,410	\$ 2,635,062
52	Computer Hardware and system software				\$ -	\$ -	\$ -	100%	\$ -	\$ -
95	CWIP	\$ 68,314,217			\$ 68,314,217	\$ -	\$ 68,314,217		\$ -	\$ 68,314,217
	Land		\$ 1,125,000		\$ 1,125,000	\$ 562,500	\$ 562,500		\$ -	\$ 1,125,000
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
					\$ -	\$ -	\$ -		\$ -	\$ -
	TOTAL	\$ 873,725,061	\$ 141,479,300	\$ -	\$ 1,015,204,361	\$ 70,739,650	\$ 944,464,711		\$ 85,077,624	\$ 930,126,737



Income Tax/PILs Workform for 2016 Custom IR

Schedule 10 CEC - Bridge Year

Cumulative Eligible Capital

5,411,401

Additions

Cost of Eligible Capital Property Acquired during Test Year

33,000

Other Adjustments

0

Subtotal

33,000

x 3/4 = 24,750

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

24,750

24,750

Amount transferred on amalgamation or wind-up of subsidiary

0

0

Subtotal

5,436,151

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

5,436,151

Current Year Deduction

5,436,151

x 7% =

380,531

Cumulative Eligible Capital - Closing Balance

5,055,621



Income Tax/PILs

Workform for 2016 Custom IR

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Historic Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Bridge Year Adjustments		Balance for Bridge Year	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	0		0			0	0	
- Medical and Life Insurance	17,362,424		17,362,424	2,423,419		19,785,843	2,423,419	
-Short & Long-term Disability	0		0			0	0	
-Accumulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	69,157		69,157			69,157	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	17,431,581	0	17,431,581	2,423,419	0	19,855,000	2,423,419	0



Income Tax/PILs Workform for 2016 Custom IR

Corporation Loss Continuity and Application

Schedule 7-1 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction	Total
Actual Historic	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year	
Other Adjustments Add (+) Deduct (-)	
Balance available for use in Test Year	0
Amount to be used in Bridge Year	
Balance available for use post Bridge Year	0

Net Capital Loss Carry Forward Deduction	Total
Actual Historic	0
Application of Loss Carry Forward to reduce taxable income in Bridge Year	
Other Adjustments Add (+) Deduct (-)	
Balance available for use in Test Year	0
Amount to be used in Bridge Year	
Balance available for use post Bridge Year	0



Income Tax/PILs Workform for 2016 Custom IR

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Total for Regulated Utility
Income before PILs/Taxes	A	34,976,530
Additions:		
Interest and penalties on taxes	103	
Amortization of tangible assets	104	42,664,000
Amortization of intangible assets	106	
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	300,000
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	50,700
Non-deductible meals and entertainment expense	121	119,600
Non-deductible automobile expenses	122	10,800
Non-deductible life insurance premiums	123	
Non-deductible company pension plans	124	
Tax reserves deducted in prior year	125	0
Reserves from financial statements- balance at end of year	126	19,855,000
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	41,100
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		
Interest Expensed on Capital Leases	290	
Realized Income from Deferred Credit Accounts	291	
Pensions	292	
Non-deductible penalties	293	
	294	



Income Tax/PILs

Workform for 2016 Custom IR

Adjusted Taxable Income - Bridge Year

	295	
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		
Ontario Tax Credits - Co-op		205,000
Ontario Tax Credits - Apprentice		300,900
Interest expense - leased building		1,114,500
Total Additions		64,661,600
Deductions:		
Gain on disposal of assets per financial statements	401	61,000
Dividends not taxable under section 83	402	
Capital cost allowance from Schedule 8	403	85,077,624
Terminal loss from Schedule 8	404	
Cumulative eligible capital deduction from Schedule 10	405	380,531
Allowable business investment loss	406	
Deferred and prepaid expenses	409	
Scientific research expenses claimed in year	411	1,407,863
Tax reserves claimed in current year	413	0
Reserves from financial statements - balance at beginning of year	414	17,431,581
Contributions to deferred income plans	416	
Book income of joint venture or partnership	305	
Equity in income from subsidiary or affiliates	306	
<i>Other deductions: (Please explain in detail the nature of the item)</i>		
Interest capitalized for accounting deducted for tax	390	
Capital Lease Payments	391	1,429,900
Non-taxable imputed interest income on deferral and variance accounts	392	
reserves - correction (fix later)	393	2,387,519
	394	
ARO Payments - Deductible for Tax when Paid		
ITA 13(7.4) Election - Capital Contributions Received		



Income Tax/PILs

Workform for 2016 Custom IR

Adjusted Taxable Income - Bridge Year

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)		465,500
Total Deductions		108,641,518
Net Income for Tax Purposes		-9,003,388
Charitable donations from Schedule 2	311	300,000
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	
Net-capital losses of preceding taxation years from Schedule 4 (Please include explanation and calculation in Manager's summary)	332	
Limited partnership losses of preceding taxation years from Schedule 4	335	
TAXABLE INCOME		-9,303,388



Income Tax/PILs Workform for 2016 Custom IR

PILS Tax Provision - Bridge Year

Wires Only

Regulatory Taxable Income

-\$	9,303,388	A
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Ontario Income Taxes

Income tax payable

Ontario Income Tax

11.50% B \$ - C = A * B

Small business credit

Ontario Small Business Threshold
Rate reduction

\$ - D
-7.00% E \$ - F = D * E

Ontario Income tax

\$	-	J = C + F
----	---	-----------

Combined Tax Rate and PILs

Effective Ontario Tax Rate
Federal tax rate
Combined tax rate

11.50% K = J / A
15.00% L

	26.50%	M = K + L
--	--------	-----------

Total Income Taxes

-\$	2,465,398	N = A * M
-----	-----------	-----------

Investment Tax Credits

\$	605,593	O
----	---------	---

Miscellaneous Tax Credits

\$	505,900	P
----	---------	---

Total Tax Credits

\$	1,111,493	Q = O + P
----	-----------	-----------

Corporate PILs/Income Tax Provision for Bridge Year

-\$	3,576,891	R = N - Q
-----	-----------	-----------

Grossed up income tax

-\$	4,866,518
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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.



Class	Class Description	UCC Test Year 1 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 1 CCA	UCC End of Test Year 1
1	Distribution System - post 1987	\$ 369,524,451	474,000		\$ 369,998,451	\$ 237,000	\$ 369,761,451	4%	\$ 14,790,458	\$ 355,207,993
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	\$ -			\$ -	\$ -	\$ -	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 45,011,624			\$ 45,011,624	\$ -	\$ 45,011,624	6%	\$ 2,700,697	\$ 42,310,926
8	General Office/Stores Equip	\$ 31,291,411	759,000		\$ 32,050,411	\$ 379,500	\$ 31,670,911	20%	\$ 6,334,182	\$ 25,716,229
10	Computer Hardware/ Vehicles	\$ 5,423,192	3,124,000		\$ 8,547,192	\$ 1,562,000	\$ 6,985,192	30%	\$ 2,095,557	\$ 6,451,634
10.1	Certain Automobiles	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
12	Computer Software	\$ 25,122,900	12,299,900		\$ 37,422,800	\$ 6,149,950	\$ 31,272,850	100%	\$ 31,272,850	\$ 6,149,950
13.1	Lease # 1	\$ 156,735			\$ 156,735	\$ -	\$ 156,735		\$ 9,727	\$ 147,008
13.2	Lease #2	\$ 3,336,087			\$ 3,336,087	\$ -	\$ 3,336,087		\$ 256,622	\$ 3,079,465
13.3	Lease # 3	\$ 455,242			\$ 455,242	\$ -	\$ 455,242		\$ 31,395	\$ 423,847
13.4	Lease # 4	\$ 903,616			\$ 903,616	\$ -	\$ 903,616		\$ 36,882	\$ 866,734
14	Franchise	\$ -			\$ -	\$ -	\$ -		\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldg	\$ 336,266			\$ 336,266	\$ -	\$ 336,266	8%	\$ 26,901	\$ 309,364
42	Fibre Optic Cable	\$ -			\$ -	\$ -	\$ -	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
43.2	Certain Clean Energy Generation Equipment	\$ -			\$ -	\$ -	\$ -	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 19,968			\$ 19,968	\$ -	\$ 19,968	45%	\$ 8,986	\$ 10,983
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 376,470,966	97,253,300		\$ 473,724,266	\$ 48,626,650	\$ 425,097,616	8%	\$ 34,007,809	\$ 439,716,457
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 2,635,062	2,194,000		\$ 4,829,062	\$ 1,097,000	\$ 3,732,062	55%	\$ 2,052,634	\$ 2,776,428
52	Computer Hardware and system software	\$ -			\$ -	\$ -	\$ -	100%	\$ -	\$ -
95	CWIP	\$ 68,314,217			\$ 68,314,217	\$ -	\$ 68,314,217	0%	\$ -	\$ 68,314,217
	Land				\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
					\$ -	\$ -	\$ -	0%	\$ -	\$ -
	TOTAL	\$ 929,001,737	\$ 116,104,200	\$ -	\$ 1,045,105,937	\$ 58,052,100	\$ 987,053,837		\$ 93,624,702	\$ 951,481,235

Class	Class Description	UCC Test Year 2 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 2 CCA	UCC End of Test Year 2
1	Distribution System - post 1987	\$ 355,207,993	480,000		\$ 355,687,993	\$ 240,000	\$ 355,447,993	4%	\$ 14,217,920	\$ 341,470,073
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	\$ -			\$ -	\$ -	\$ -	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 42,310,926			\$ 42,310,926	\$ -	\$ 42,310,926	6%	\$ 2,538,656	\$ 39,772,271
8	General Office/Stores Equip	\$ 25,716,229	1,010,000		\$ 26,726,229	\$ 505,000	\$ 26,221,229	20%	\$ 5,244,246	\$ 21,481,983
10	Computer Hardware/ Vehicles	\$ 6,451,634	2,686,000		\$ 9,137,634	\$ 1,343,000	\$ 7,794,634	30%	\$ 2,338,390	\$ 6,799,244
10.1	Certain Automobiles	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
12	Computer Software	\$ 6,149,950	10,368,100		\$ 16,518,050	\$ 5,184,050	\$ 11,334,000	100%	\$ 11,334,000	\$ 5,184,050
13 1	Lease # 1	\$ 147,008			\$ 147,008	\$ -	\$ 147,008		\$ 9,727	\$ 137,281
13 2	Lease #2	\$ 3,079,465			\$ 3,079,465	\$ -	\$ 3,079,465		\$ 256,622	\$ 2,822,843
13 3	Lease # 3	\$ 423,847			\$ 423,847	\$ -	\$ 423,847		\$ 31,395	\$ 392,452
13 4	Lease # 4	\$ 866,734			\$ 866,734	\$ -	\$ 866,734		\$ 36,882	\$ 829,852
14	Franchise	\$ -			\$ -	\$ -	\$ -		\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldg	\$ 309,364			\$ 309,364	\$ -	\$ 309,364	8%	\$ 24,749	\$ 284,615
42	Fibre Optic Cable	\$ -			\$ -	\$ -	\$ -	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
43.2	Certain Clean Energy Generation Equipment	\$ -			\$ -	\$ -	\$ -	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 10,983			\$ 10,983	\$ -	\$ 10,983	45%	\$ 4,942	\$ 6,040
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 439,716,457	125,544,900		\$ 565,261,357	\$ 62,772,450	\$ 502,488,907	8%	\$ 40,199,113	\$ 525,062,244
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 2,776,428	2,954,000		\$ 5,730,428	\$ 1,477,000	\$ 4,253,428	55%	\$ 2,339,385	\$ 3,391,043
52	Computer Hardware and system software	\$ -			\$ -	\$ -	\$ -	100%	\$ -	\$ -
95	CWIP	\$ 68,314,217			\$ 68,314,217	\$ -	\$ 68,314,217	0%	\$ -	\$ 68,314,217
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
	TOTAL	\$ 951,481,235	\$ 143,043,000	\$ -	\$ 1,094,524,235	\$ 71,521,500	\$ 1,023,002,735		\$ 78,576,027	\$ 1,015,948,208

Class	Class Description	UCC Test Year 3 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 3 CCA	UCC End of Test Year 3
1	Distribution System - post 1987	\$ 341,470,073	563,000		\$ 342,033,073	\$ 281,500	\$ 341,751,573	4%	\$ 13,670,063	\$ 328,363,010
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	\$ -			\$ -	\$ -	\$ -	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 39,772,271			\$ 39,772,271	\$ -	\$ 39,772,271	6%	\$ 2,386,336	\$ 37,385,934
8	General Office/Stores Equip	\$ 21,481,983	925,000		\$ 22,406,983	\$ 462,500	\$ 21,944,483	20%	\$ 4,388,897	\$ 18,018,087
10	Computer Hardware/ Vehicles	\$ 6,799,244	2,910,000		\$ 9,709,244	\$ 1,455,000	\$ 8,254,244	30%	\$ 2,476,273	\$ 7,232,971
10.1	Certain Automobiles	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
12	Computer Software	\$ 5,184,050	6,254,200		\$ 11,438,250	\$ 3,127,100	\$ 8,311,150	100%	\$ 8,311,150	\$ 3,127,100
13.1	Lease # 1	\$ 137,281			\$ 137,281	\$ -	\$ 137,281		\$ 9,727	\$ 127,554
13.2	Lease #2	\$ 2,822,843			\$ 2,822,843	\$ -	\$ 2,822,843		\$ 256,622	\$ 2,566,221
13.3	Lease # 3	\$ 392,452			\$ 392,452	\$ -	\$ 392,452		\$ 31,395	\$ 361,057
13.4	Lease # 4	\$ 829,852			\$ 829,852	\$ -	\$ 829,852		\$ 36,882	\$ 792,970
14	Franchise	\$ -			\$ -	\$ -	\$ -		\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldg	\$ 284,615			\$ 284,615	\$ -	\$ 284,615	8%	\$ 22,769	\$ 261,846
42	Fibre Optic Cable	\$ -			\$ -	\$ -	\$ -	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
43.2	Certain Clean Energy Generation Equipment	\$ -			\$ -	\$ -	\$ -	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 6,040			\$ 6,040	\$ -	\$ 6,040	45%	\$ 2,718	\$ 3,322
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 525,062,244	110,141,100		\$ 635,203,344	\$ 55,070,550	\$ 580,132,794	8%	\$ 46,410,624	\$ 588,792,721
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 3,391,043	1,355,000		\$ 4,746,043	\$ 677,500	\$ 4,068,543	55%	\$ 2,237,698	\$ 2,508,344
52	Computer Hardware and system software	\$ -			\$ -	\$ -	\$ -	100%	\$ -	\$ -
95	CWIP	\$ 68,314,217			\$ 68,314,217	\$ -	\$ 68,314,217	0%	\$ -	\$ 68,314,217
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
	TOTAL	\$ 1,015,948,208	\$ 122,148,300	\$ -	\$ 1,138,096,508	\$ 61,074,150	\$ 1,077,022,358		\$ 80,241,154	\$ 1,057,855,354

Class	Class Description	UCC Test Year 4 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 4 CCA	UCC End of Test Year 4
1	Distribution System - post 1987	\$ 328,363,010	554,000		\$ 328,917,010	\$ 277,000	\$ 328,640,010	4%	\$ 13,145,600	\$ 315,771,410
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	\$ -			\$ -	\$ -	-	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 37,385,934			\$ 37,385,934	\$ -	\$ 37,385,934	6%	\$ 2,243,156	\$ 35,142,778
8	General Office/Stores Equip	\$ 18,018,087	919,000		\$ 18,937,087	\$ 459,500	\$ 18,477,587	20%	\$ 3,695,517	\$ 15,241,569
10	Computer Hardware/ Vehicles	\$ 7,232,971	3,098,000		\$ 10,330,971	\$ 1,549,000	\$ 8,781,971	30%	\$ 2,634,591	\$ 7,696,380
10.1	Certain Automobiles	\$ -			\$ -	\$ -	-	30%	\$ -	\$ -
12	Computer Software	\$ 3,127,100	7,803,700		\$ 10,930,800	\$ 3,901,850	\$ 7,028,950	100%	\$ 7,028,950	\$ 3,901,850
13 1	Lease # 1	\$ 127,554			\$ 127,554	\$ -	\$ 127,554		\$ 9,727	\$ 117,827
13 2	Lease #2	\$ 2,566,221			\$ 2,566,221	\$ -	\$ 2,566,221		\$ 256,622	\$ 2,309,599
13 3	Lease # 3	\$ 361,057			\$ 361,057	\$ -	\$ 361,057		\$ 31,395	\$ 329,662
13 4	Lease # 4	\$ 792,970			\$ 792,970	\$ -	\$ 792,970		\$ 36,882	\$ 756,088
14	Franchise	\$ -			\$ -	\$ -	-		\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldg	\$ 261,846			\$ 261,846	\$ -	\$ 261,846	8%	\$ 20,948	\$ 240,898
42	Fibre Optic Cable	\$ -			\$ -	\$ -	-	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ -			\$ -	\$ -	-	30%	\$ -	\$ -
43.2	Certain Clean Energy Generation Equipment	\$ -			\$ -	\$ -	-	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 3,322			\$ 3,322	\$ -	\$ 3,322	45%	\$ 1,495	\$ 1,827
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -			\$ -	\$ -	-	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 588,792,721	117,463,000		\$ 706,255,721	\$ 58,731,500	\$ 647,524,221	8%	\$ 51,801,938	\$ 654,453,783
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 2,508,344	2,310,000		\$ 4,818,344	\$ 1,155,000	\$ 3,663,344	55%	\$ 2,014,839	\$ 2,803,505
52	Computer Hardware and system software	\$ -			\$ -	\$ -	-	100%	\$ -	\$ -
95	CWIP	\$ 68,314,217			\$ 68,314,217	\$ -	\$ 68,314,217	0%	\$ -	\$ 68,314,217
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	-	0%	\$ -	\$ -
	TOTAL	\$ 1,057,855,354	\$ 132,147,700	\$ -	\$ 1,190,003,054	\$ 66,073,850	\$ 1,123,929,204		\$ 82,921,661	\$ 1,107,081,393

Class	Class Description	UCC Test Year 5 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 5 CCA	UCC End of Test Year 5
1	Distribution System - post 1987	\$ 315,771,410	556,000		\$ 316,327,410	\$ 278,000	\$ 316,049,410	4%	\$ 12,641,976	\$ 303,685,433
1 Enhanced	Non-residential Buildings Reg. 1100(1)(a.1) election	\$ -			\$ -	\$ -	\$ -	6%	\$ -	\$ -
2	Distribution System - pre 1988	\$ 35,142,778			\$ 35,142,778	\$ -	\$ 35,142,778	6%	\$ 2,108,567	\$ 33,034,212
8	General Office/Stores Equip	\$ 15,241,569	1,139,000		\$ 16,380,569	\$ 569,500	\$ 15,811,069	20%	\$ 3,162,214	\$ 13,218,355
10	Computer Hardware/ Vehicles	\$ 7,696,380	2,948,000		\$ 10,644,380	\$ 1,474,000	\$ 9,170,380	30%	\$ 2,751,114	\$ 7,893,266
10.1	Certain Automobiles	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
12	Computer Software	\$ 3,901,850	8,127,900		\$ 12,029,750	\$ 4,063,950	\$ 7,965,800	100%	\$ 7,965,800	\$ 4,063,950
13.1	Lease # 1	\$ 117,827			\$ 117,827	\$ -	\$ 117,827		\$ 9,727	\$ 108,100
13.2	Lease #2	\$ 2,309,599			\$ 2,309,599	\$ -	\$ 2,309,599		\$ 256,622	\$ 2,052,977
13.3	Lease # 3	\$ 329,662			\$ 329,662	\$ -	\$ 329,662		\$ 31,395	\$ 298,267
13.4	Lease # 4	\$ 756,088			\$ 756,088	\$ -	\$ 756,088		\$ 36,882	\$ 719,206
14	Franchise	\$ -			\$ -	\$ -	\$ -		\$ -	\$ -
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldg	\$ 240,898			\$ 240,898	\$ -	\$ 240,898	8%	\$ 19,272	\$ 221,626
42	Fibre Optic Cable	\$ -			\$ -	\$ -	\$ -	12%	\$ -	\$ -
43.1	Certain Energy-Efficient Electrical Generating Equipment	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
43.2	Certain Clean Energy Generation Equipment	\$ -			\$ -	\$ -	\$ -	50%	\$ -	\$ -
45	Computers & Systems Software acq'd post Mar 22/04	\$ 1,827			\$ 1,827	\$ -	\$ 1,827	45%	\$ 822	\$ 1,005
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	\$ -			\$ -	\$ -	\$ -	30%	\$ -	\$ -
47	Distribution System - post February 2005	\$ 654,453,783	110,105,300		\$ 764,559,083	\$ 55,052,650	\$ 709,506,433	8%	\$ 56,760,515	\$ 707,798,568
50	Data Network Infrastructure Equipment - post Mar 2007	\$ 2,803,505	2,531,000		\$ 5,334,505	\$ 1,265,500	\$ 4,069,005	55%	\$ 2,237,953	\$ 3,096,552
52	Computer Hardware and system software	\$ -			\$ -	\$ -	\$ -	100%	\$ -	\$ -
95	CWIP	\$ 68,314,217			\$ 68,314,217	\$ -	\$ 68,314,217	0%	\$ -	\$ 68,314,217
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
		\$ -			\$ -	\$ -	\$ -	0%	\$ -	\$ -
	TOTAL	\$ 1,107,081,393	\$ 125,407,200	\$ -	\$ 1,232,488,593	\$ 62,703,600	\$ 1,169,784,993		\$ 87,982,858	\$ 1,144,505,735



Income Tax/PILs Workform for 2016 Custom IR

Schedule 10 CEC

Schedule 10 CEC		Test Year 1 (2016)		Test Year 2 (2017)		Test Year 3 (2018)		Test Year 4 (2019)		Test Year 5 (2020)	
Cumulative Eligible Capital		5,055,621		4,725,442		4,418,376		4,133,503		3,868,570	
<u>Additions</u>											
Cost of Eligible Capital Property Acquired during Test Year	34,000		34,000		35,000		35,000		36,000		
Other Adjustments	0		0		0		0		0		
Subtotal	34,000	x 3/4 = 25,500	34,000	x 3/4 = 25,500	35,000	x 3/4 = 26,250	35,000	x 3/4 = 26,250	36,000	x 3/4 = 27,000	
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	0	x 1/2 = 0	0	x 1/2 = 0	0	x 1/2 = 0	0	x 1/2 = 0	
		25,500	25,500		26,250	26,250	26,250		27,000	27,000	
Amount transferred on amalgamation or wind-up of subsidiary	0		0		0		0		0		0
Subtotal			5,081,121		4,750,942		4,444,626		4,159,753		3,895,570
<u>Deductions</u>											
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year	0		0		0		0		0		
Other Adjustments	0		0		0		0		0		
Subtotal	0	x 3/4 = 0	0	x 3/4 = 0	0	x 3/4 = 0	0	x 3/4 = 0	0	x 3/4 = 0	0
Cumulative Eligible Capital Balance		5,081,121		4,750,942		4,444,626		4,159,753		3,895,570	
Current Year Deduction (Carry Forward to Tab "Test Year Taxable Income")	5,081,121	x 7% = 355,678	4,750,942	x 7% = 332,566	4,444,626	x 7% = 311,124	4,159,753	x 7% = 291,183	3,895,570	x 7% = 272,690	
Cumulative Eligible Capital - Closing Balance		4,725,442		4,418,376		4,133,503		3,868,570		3,622,880	



Income Tax/PILs

Workform for 2016 Custom IR

Schedule 13 Tax Reserves - Test Year 1 (2016)

Continuity of Reserves

Description	Bridge Year	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance	Test Year 1 Adjustments		Balance for Test Year 1	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	0		0			0	0	
- Medical and Life Insurance	19,785,843		19,785,843	637,100		20,422,943	637,100	
- Short & Long-term Disability	0		0			0	0	
- Accumulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	69,157		69,157			69,157	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	19,855,000	0	19,855,000	637,100	0	20,492,100	637,100	0

Schedule 13 Tax Reserves - Test Year 2 (2017)

Continuity of Reserves

Description	Test Year 1 (2016)	Eliminate Amounts Not Relevant for Test Year 1	Adjusted Utility Balance	Test Year 2 Adjustments		Balance for Test Year 2	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	0		0			0	0	
- Medical and Life Insurance	20,422,943		20,422,943	637,800		21,060,743	637,800	
-Short & Long-term Disability	0		0			0	0	
-Accumulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	69,157		69,157			69,157	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	20,492,100	0	20,492,100	637,800	0	21,129,900	637,800	0

Schedule 13 Tax Reserves - Test Year 3 (2018)**Continuity of Reserves**

Description	Test Year 2 (2017)	Eliminate Amounts Not Relevant for Test Year 2	Adjusted Utility Balance	Test Year 3 Adjustments		Balance for Test Year 3	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	0		0			0	0	
- Medical and Life Insurance	21,060,743		21,060,743	638,600		21,699,343	638,600	
-Short & Long-term Disability	0		0			0	0	
-Accumulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	69,157		69,157			69,157	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	21,129,900	0	21,129,900	638,600	0	21,768,500	638,600	0

Schedule 13 Tax Reserves - Test Year 4 (2019)

Continuity of Reserves

Description	Test Year 3 (2018)	Eliminate Amounts Not Relevant for Test Year 3	Adjusted Utility Balance	Test Year 4 Adjustments		Balance for Test Year 4	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	0		0			0	0	
- Medical and Life Insurance	21,699,343		21,699,343	639,400		22,338,743	639,400	
-Short & Long-term Disability	0		0			0	0	
-Accumulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	69,157		69,157			69,157	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	21,768,500	0	21,768,500	639,400	0	22,407,900	639,400	0

Schedule 13 Tax Reserves - Test Year 5 (2020)

Continuity of Reserves

Description	Test Year 4 (2019)	Eliminate Amounts Not Relevant for Test Year 4	Adjusted Utility Balance	Test Year 5 Adjustments		Balance for Test Year 5	Change During the Year	Disallowed Expenses
				Additions	Disposals			
Capital Gains Reserves ss.40(1)	0		0			0	0	
Tax Reserves Not Deducted for accounting purposes								
Reserve for doubtful accounts ss. 20(1)(l)	0		0			0	0	
Reserve for goods and services not delivered ss. 20(1)(m)	0		0			0	0	
Reserve for unpaid amounts ss. 20(1)(n)	0		0			0	0	
Debt & Share Issue Expenses ss. 20(1)(e)	0		0			0	0	
Other tax reserves	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	0	0	0	0	0	0	0	0
Financial Statement Reserves (not deductible for Tax Purposes)								
General Reserve for Inventory Obsolescence (non-specific)	0		0			0	0	
General reserve for bad debts	0		0			0	0	
Accrued Employee Future Benefits:	0		0			0	0	
- Medical and Life Insurance	22,338,743		22,338,743	640,200		22,978,943	640,200	
-Short & Long-term Disability	0		0			0	0	
-Accumulated Sick Leave	0		0			0	0	
- Termination Cost	0		0			0	0	
- Other Post-Employment Benefits	0		0			0	0	
Provision for Environmental Costs	0		0			0	0	
Restructuring Costs	0		0			0	0	
Accrued Contingent Litigation Costs	0		0			0	0	
Accrued Self-Insurance Costs	0		0			0	0	
Other Contingent Liabilities	0		0			0	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	69,157		69,157			69,157	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	0		0			0	0	
Other	0		0			0	0	
	0		0			0	0	
	0		0			0	0	
Total	22,407,900	0	22,407,900	640,200	0	23,048,100	640,200	0



Income Tax/PILs
Workform for 2016 Custom IR

Schedule 7-1 Loss Carry Forward

Test Year 1 (2016)

Test Year 2 (2017)

Test Year 3 (2018)

Test Year 4 (2019)

Test Year 5 (2020)

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year			0
Application of Loss Carry Forward to reduce taxable income in 2005			0
Other Adjustments Add (+) Deduct (-)			0
Balance available for use in Test Year	0	0	0
Amount to be used in Test Year			0
Balance available for use post Test Year	0	0	0

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year			0
Application of Loss Carry Forward to reduce taxable income in 2005			0
Other Adjustments Add (+) Deduct (-)			0
Balance available for use in Test Year	0	0	0
Amount to be used in Test Year			0
Balance available for use post Test Year	0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0

Total	Non-Distribution Portion	Utility Balance
		0
		0
		0
0	0	0
		0
0	0	0



Income Tax/PILs

Workform for 2016 Custom IR

[illegible]

-46.287.243	-27.030.035	-25.820.645	-25.419.690	-27.322.541
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Income Tax/PILs Workform for 2016 Custom IR

PILs Tax Provision - Test Year 1 (2016)

Wires Only

Regulatory Taxable Income

-\$	8,787,501	A
-----	-----------	---

Ontario Income Taxes

Income tax payable

Ontario Income Tax

4.50%

B

\$

-

C = A * B

Small business credit

Ontario Small Business Threshold
Rate reduction

\$

-

D

-7.00%

E

\$

-

F = D * E

Ontario Income tax

\$	-	J = C + F
----	---	-----------

Combined Tax Rate and PILs

Effective Ontario Tax Rate

11.50%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

	26.50%	M = K + L
--	--------	-----------

Total Income Taxes

-\$	2,328,688	N = A * M
-----	-----------	-----------

Investment Tax Credits

\$	605,593	O
----	---------	---

Miscellaneous Tax Credits

\$	516,000	P
----	---------	---

Total Tax Credits

\$	1,121,593	Q = O + P
----	-----------	-----------

Corporate PILs/Income Tax Provision for Test Year

-\$	3,450,281	R = N - Q
-----	-----------	-----------

Corporate PILs/Income Tax Provision Gross Up ¹

73.50%

S = 1 - M

-\$	1,243,979	T = R / S - R
-----	-----------	---------------

Income Tax (grossed-up)

-\$	4,694,260	U = R + T
-----	-----------	-----------

PILs Tax Provision - Test Year 2 (2017)**Wires Only****Regulatory Taxable Income****\$ 13,584,053 A****Ontario Income Taxes***Income tax payable***Ontario Income Tax**11.50% **B** \$ 1,562,166 **C = A * B***Small business credit*Ontario Small Business Threshold
Rate reduction\$ 500,000 **D**
-7.00% **E****F = D * E***Ontario Income tax***\$ 1,562,166 J = C + F****Combined Tax Rate and PILs**

Effective Ontario Tax Rate

11.50%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

26.50% M = K + L**Total Income Taxes****\$ 3,599,774 N = A * M**

Investment Tax Credits

\$ 605,593 O

Miscellaneous Tax Credits

\$ 526,400 P**Total Tax Credits****\$ 1,131,993 Q = O + P****Corporate PILs/Income Tax Provision for Test Year****\$ 2,467,781 R = N - Q**Corporate PILs/Income Tax Provision Gross Up ¹

73.50%

S = 1 - M**\$ 889,744 T = R / S - R****Income Tax (grossed-up)****\$ 3,357,525 U = R + T**

PILs Tax Provision - Test Year 3 (2018)**Wires Only****Regulatory Taxable Income****\$ 17,816,228 A****Ontario Income Taxes***Income tax payable***Ontario Income Tax**11.50% **B** \$ 2,048,866 **C = A * B***Small business credit*Ontario Small Business Threshold
Rate reduction\$ 500,000 **D**
-7.00% **E****F = D * E***Ontario Income tax***\$ 2,048,866 J = C + F****Combined Tax Rate and PILs**

Effective Ontario Tax Rate

11.50%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

26.50% M = K + L**Total Income Taxes****\$ 4,721,301 N = A * M**

Investment Tax Credits

\$ 605,593 O

Miscellaneous Tax Credits

\$ 536,900 P**Total Tax Credits****\$ 1,142,493 Q = O + P****Corporate PILs/Income Tax Provision for Test Year****\$ 3,578,808 R = N - Q**Corporate PILs/Income Tax Provision Gross Up ¹

73.50%

S = 1 - M**\$ 1,290,318 T = R / S - R****Income Tax (grossed-up)****\$ 4,869,126 U = R + T**

PILs Tax Provision - Test Year 4 (2019)**Wires Only****Regulatory Taxable Income****\$ 20,883,925 A****Ontario Income Taxes***Income tax payable***Ontario Income Tax**11.50% **B** \$ 2,401,651 **C = A * B***Small business credit*Ontario Small Business Threshold
Rate reduction\$ 500,000 **D**
-7.00% **E****F = D * E***Ontario Income tax***\$ 2,401,651 J = C + F****Combined Tax Rate and PILs**

Effective Ontario Tax Rate

11.50%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

26.50% M = K + L**Total Income Taxes****\$ 5,534,240 N = A * M**

Investment Tax Credits

\$ 605,593 O

Miscellaneous Tax Credits

\$ 547,600 P**Total Tax Credits****\$ 1,153,193 Q = O + P****Corporate PILs/Income Tax Provision for Test Year****\$ 4,381,047 R = N - Q**Corporate PILs/Income Tax Provision Gross Up ¹

73.50%

S = 1 - M**\$ 1,579,561 T = R / S - R****Income Tax (grossed-up)****\$ 5,960,608 U = R + T**

PILs Tax Provision - Test Year 5 (2020)**Wires Only****Regulatory Taxable Income****\$ 21,583,975 A****Ontario Income Taxes***Income tax payable***Ontario Income Tax**11.50% **B** \$ 2,482,157 **C = A * B***Small business credit*Ontario Small Business Threshold
Rate reduction\$ 500,000 **D**
-7.00% **E****F = D * E***Ontario Income tax***\$ 2,482,157 J = C + F****Combined Tax Rate and PILs**

Effective Ontario Tax Rate

11.50%

K = J / A

Federal tax rate

15.00%

L

Combined tax rate

26.50% M = K + L**Total Income Taxes****\$ 5,719,753 N = A * M**

Investment Tax Credits

\$ 605,593 O

Miscellaneous Tax Credits

\$ 558,600 P**Total Tax Credits****\$ 1,164,193 Q = O + P****Corporate PILs/Income Tax Provision for Test Year****\$ 4,555,560 R = N - Q**Corporate PILs/Income Tax Provision Gross Up ¹

73.50%

S = 1 - M**\$ 1,642,481 T = R / S - R****Income Tax (grossed-up)****\$ 6,198,041 U = R + T**

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Appendix 2-P (1) Cost Allocation - 2016

Please complete the following four tables.

A) Allocated Costs

Classes	Costs Allocated from Previous Study (PowerStream 2013)	%	Costs Allocated in 2016 Test Year Study (Column 7A)	%
Residential	\$ 86,596,037	52.78%	\$ 107,674,776	53.94%
GS < 50 kW	\$ 25,700,411	15.66%	\$ 30,484,705	15.27%
GS > 50 kW	\$ 48,128,504	29.33%	\$ 58,309,560	29.21%
Large User	\$ 347,235	0.21%	\$ 444,970	0.22%
Street Lighting	\$ 2,820,943	1.72%	\$ 1,991,526	1.00%
Sentinel Lighting	\$ 16,178	0.01%	\$ 25,066	0.01%
Unmetered Scattered Load (USL)	\$ 460,065	0.28%	\$ 683,488	0.34%
Total	\$ 164,069,372	100.00%	\$ 199,614,092	100.00%

B) Calculated Class Revenues

Classes (same as previous table)	Column 7B Load Forecast (LF) X current approved rates	Column 7C LF X current approved rates X (1 + d)	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue
Residential	\$ 87,473,969	\$ 101,115,223	\$ 101,115,223	\$ 7,573,814
GS < 50 kW	\$ 24,576,765	\$ 28,409,424	\$ 28,507,357	\$ 1,870,815
GS > 50 kW	\$ 46,764,217	\$ 54,056,930	\$ 54,243,277	\$ 2,902,423
Large User	\$ 266,234	\$ 307,752	\$ 364,942	\$ 14,343
Street Lighting	\$ 2,219,325	\$ 2,565,421	\$ 2,221,990	\$ 167,842
Sentinel Lighting	\$ 16,351	\$ 18,901	\$ 18,966	\$ 1,626
Unmetered Scattered Load (USL)	\$ 475,661	\$ 549,839	\$ 551,734	\$ 59,741
Total	\$ 161,792,522	\$ 187,023,489	\$ 187,023,489	\$ 12,590,603
	<i>line 18</i>	<i>line 23</i>	<i>As per Rate model</i>	<i>line 19</i>

Notes:

- Columns 7B to 7D - LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, (kWh or kW, as applicable). Revenue Quantities should be net of Transformer Ownership Allowance. Exclude revenue from rate adders and rate riders.
- Columns 7C and 7D - Column total in each column should equal the Base Revenue Requirement
- Columns 7C - The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.
- Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

C) Rebalancing Revenue-to-Cost (R/C) Ratios

Class	Previously Approved Ratio	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Current Year	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2013			
	%	%	%	%
Residential	102.1	100.9	100.9	85 - 115
GS < 50 kW	98.0	99.3	99.7	80 - 120
GS > 50 kW	98.0	97.7	98.0	80 - 120
Large User	85.0	72.4	85.2	85 - 115
Street Lighting	89.7	137.2	120.0	80 - 120
Sentinel Lighting	95.0	81.9	82.2	80 - 120
Unmetered Scattered Load (USL)	102.4	89.2	89.5	80 - 120

Notes:

- 1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is
- 2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.

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Appendix 2-P (2) Cost Allocation - 2017

Please complete the following four tables.

A) Allocated Costs

Classes	Costs Allocated from Previous Study (PowerStream 2013)	%	Costs Allocated in 2017 Test Year Study (Column 7A)	%
Residential	\$ 86,596,037	52.78%	\$ 124,417,434	55.78%
GS < 50 kW	\$ 25,700,411	15.66%	\$ 31,437,996	14.10%
GS > 50 kW	\$ 48,128,504	29.33%	\$ 64,016,527	28.70%
Large User	\$ 347,235	0.21%	\$ 500,935	0.22%
Street Lighting	\$ 2,820,943	1.72%	\$ 1,971,703	0.88%
Sentinel Lighting	\$ 16,178	0.01%	\$ 27,167	0.01%
Unmetered Scattered Load (USL)	\$ 460,065	0.28%	\$ 671,265	0.30%
Total	\$ 164,069,372	100.00%	\$ 223,043,027	100.00%

B) Calculated Class Revenues

Classes (same as previous table)	Column 7B Load Forecast (LF) X current approved rates	Column 7C LF X current approved rates X (1 + d)	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue
Residential	\$ 88,052,546	\$ 113,967,689	\$ 114,344,829	\$ 8,199,319
GS < 50 kW	\$ 24,601,972	\$ 31,842,690	\$ 31,842,690	\$ 1,588,508
GS > 50 kW	\$ 46,870,375	\$ 60,665,007	\$ 60,865,759	\$ 2,707,047
Large User	\$ 265,314	\$ 343,400	\$ 412,998	\$ 13,932
Street Lighting	\$ 2,205,179	\$ 2,854,195	\$ 2,206,635	\$ 159,409
Sentinel Lighting	\$ 16,285	\$ 21,079	\$ 21,148	\$ 1,536
Unmetered Scattered Load (USL)	\$ 487,251	\$ 630,656	\$ 630,656	\$ 48,561
Total	\$ 162,498,923	\$ 210,324,715	\$ 210,324,715	\$ 12,718,312
	<i>line 18</i>	<i>line 23</i>	<i>As per Rate model</i>	<i>line 19</i>

Notes:

- Columns 7B to 7D - LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, (kWh or kW, as applicable). Revenue Quantities should be net of Transformer Ownership Allowance. Exclude revenue from rate adders and rate riders.
- Columns 7C and 7D - Column total in each column should equal the Base Revenue Requirement
- Columns 7C - The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.
- Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

C) Rebalancing Revenue-to-Cost (R/C) Ratios

Class	Previously Approved Ratio	Status Quo Ratios (7C + 7E) / (7A)	Proposed Ratios	Policy Range
	Most Current Year		(7D + 7E) / (7A)	
	2013			
	%	%	%	%
Residential	102.1	98.2	98.5	85 - 115
GS < 50 kW	98.0	106.3	106.3	80 - 120
GS > 50 kW	98.0	99.0	99.3	80 - 120
Large User	85.0	71.3	85.2	85 - 115
Street Lighting	89.7	152.8	120.0	80 - 120
Sentinel Lighting	95.0	83.2	83.5	80 - 120
Unmetered Scattered Load (USL)	102.4	101.2	101.2	80 - 120

Notes:

- 1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is
- 2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.

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Appendix 2-P (3) Cost Allocation - 2018

Please complete the following four tables.

A) Allocated Costs

Classes	Costs Allocated from Previous Study (PowerStream 2013)	%	Costs Allocated in 2018 Test Year Study (Column 7A)	%
Residential	\$ 86,596,037	52.78%	\$ 129,814,629	55.42%
GS < 50 kW	\$ 25,700,411	15.66%	\$ 32,916,096	14.05%
GS > 50 kW	\$ 48,128,504	29.33%	\$ 68,407,399	29.20%
Large User	\$ 347,235	0.21%	\$ 534,825	0.23%
Street Lighting	\$ 2,820,943	1.72%	\$ 1,833,897	0.78%
Sentinel Lighting	\$ 16,178	0.01%	\$ 28,527	0.01%
Unmetered Scattered Load (USL)	\$ 460,065	0.28%	\$ 711,238	0.30%
Total	\$ 164,069,372	100.00%	\$ 234,246,611	100.00%

B) Calculated Class Revenues

Classes (same as previous table)	Column 7B Load Forecast (LF) X current approved rates	Column 7C LF X current approved rates X (1 + d)	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue
Residential	\$ 88,738,706	\$ 120,277,792	\$ 120,825,233	\$ 8,253,509
GS < 50 kW	\$ 24,641,636	\$ 33,399,648	\$ 33,399,648	\$ 1,596,380
GS > 50 kW	\$ 47,017,036	\$ 63,727,606	\$ 64,017,660	\$ 2,746,511
Large User	\$ 264,402	\$ 358,375	\$ 441,994	\$ 14,238
Street Lighting	\$ 2,188,947	\$ 2,966,932	\$ 2,045,717	\$ 154,959
Sentinel Lighting	\$ 16,284	\$ 22,072	\$ 22,173	\$ 1,542
Unmetered Scattered Load (USL)	\$ 499,851	\$ 677,506	\$ 677,506	\$ 49,542
Total	\$ 163,366,863	\$ 221,429,930	\$ 221,429,930	\$ 12,816,681
	<i>line 18</i>	<i>line 23</i>	<i>As per Rate model</i>	<i>line 19</i>

Notes:

- Columns 7B to 7D - LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, (kWh or kW, as applicable). Revenue Quantities should be net of Transformer Ownership Allowance. Exclude revenue from rate adders and rate riders.
- Columns 7C and 7D - Column total in each column should equal the Base Revenue Requirement
- Columns 7C - The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.
- Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

C) Rebalancing Revenue-to-Cost (R/C) Ratios

Class	Previously Approved Ratio	Status Quo Ratios (7C + 7E) / (7A)	Proposed Ratios	Policy Range
	Most Current Year		(7D + 7E) / (7A)	
	2013			
	%	%	%	%
Residential	102.1	99.0	99.4	85 - 115
GS < 50 kW	98.0	106.3	106.3	80 - 120
GS > 50 kW	98.0	97.2	97.6	80 - 120
Large User	85.0	69.7	85.3	85 - 115
Street Lighting	89.7	170.2	120.0	80 - 120
Sentinel Lighting	95.0	82.8	83.1	80 - 120
Unmetered Scattered Load (USL)	102.4	102.2	102.2	80 - 120

Notes:

- 1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is
- 2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.

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Appendix 2-P (4) Cost Allocation - 2019

Please complete the following four tables.

A) Allocated Costs

Classes	Costs Allocated from Previous Study (PowerStream 2013)	%	Costs Allocated in 2019 Test Year Study (Column 7A)	%
Residential	\$ 86,596,037	52.78%	\$ 135,038,349	55.13%
GS < 50 kW	\$ 25,700,411	15.66%	\$ 34,297,310	14.00%
GS > 50 kW	\$ 48,128,504	29.33%	\$ 72,344,156	29.53%
Large User	\$ 347,235	0.21%	\$ 563,849	0.23%
Street Lighting	\$ 2,820,943	1.72%	\$ 1,923,886	0.79%
Sentinel Lighting	\$ 16,178	0.01%	\$ 29,738	0.01%
Unmetered Scattered Load (USL)	\$ 460,065	0.28%	\$ 753,702	0.31%
Total	\$ 164,069,372	100.00%	\$ 244,950,990	100.00%

B) Calculated Class Revenues

Classes (same as previous table)	Column 7B Load Forecast (LF) X current approved rates	Column 7C LF X current approved rates X (1 + d)	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue
Residential	\$ 89,550,354	\$ 126,419,794	\$ 126,782,794	\$ 8,322,435
GS < 50 kW	\$ 24,671,990	\$ 34,829,877	\$ 34,829,877	\$ 1,604,995
GS > 50 kW	\$ 47,117,950	\$ 66,517,230	\$ 67,031,999	\$ 2,787,657
Large User	\$ 263,499	\$ 371,986	\$ 467,678	\$ 14,472
Street Lighting	\$ 2,213,696	\$ 3,125,113	\$ 2,151,474	\$ 157,189
Sentinel Lighting	\$ 16,284	\$ 22,989	\$ 23,166	\$ 1,543
Unmetered Scattered Load (USL)	\$ 513,593	\$ 725,048	\$ 725,048	\$ 50,661
Total	\$ 164,347,366	\$ 232,012,036	\$ 232,012,036	\$ 12,938,953
	<i>line 18</i>	<i>line 23</i>	<i>As per Rate model</i>	<i>line 19</i>

Notes:

- Columns 7B to 7D - LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, (kWh or kW, as applicable). Revenue Quantities should be net of Transformer Ownership Allowance. Exclude revenue from rate adders and rate riders.
- Columns 7C and 7D - Column total in each column should equal the Base Revenue Requirement
- Columns 7C - The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.
- Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

C) Rebalancing Revenue-to-Cost (R/C) Ratios

Class	Previously Approved Ratio	Status Quo Ratios (7C + 7E) / (7A)	Proposed Ratios (7D + 7E) / (7A)	Policy Range
	Most Current Year			
	2013			
	%	%	%	%
Residential	102.1	99.8	100.0	85 - 115
GS < 50 kW	98.0	106.2	106.2	80 - 120
GS > 50 kW	98.0	95.8	96.5	80 - 120
Large User	85.0	68.5	85.5	85 - 115
Street Lighting	89.7	170.6	120.0	80 - 120
Sentinel Lighting	95.0	82.5	83.1	80 - 120
Unmetered Scattered Load (USL)	102.4	102.9	102.9	80 - 120

Notes:

- 1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is
- 2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.

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Appendix 2-P (5) Cost Allocation - 2020

Please complete the following four tables.

A) Allocated Costs

Classes	Costs Allocated from Previous Study (PowerStream 2013)	%	Costs Allocated in 2020 Test Year Study (Column 7A)	%
Residential	\$ 86,596,037	52.78%	\$ 139,785,024	54.88%
GS < 50 kW	\$ 25,700,411	15.66%	\$ 35,602,682	13.98%
GS > 50 kW	\$ 48,128,504	29.33%	\$ 75,913,452	29.80%
Large User	\$ 347,235	0.21%	\$ 588,386	0.23%
Street Lighting	\$ 2,820,943	1.72%	\$ 1,995,858	0.78%
Sentinel Lighting	\$ 16,178	0.01%	\$ 30,752	0.01%
Unmetered Scattered Load (USL)	\$ 460,065	0.28%	\$ 795,487	0.31%
Total	\$ 164,069,372	100.00%	\$ 254,711,641	100.00%

B) Calculated Class Revenues

Classes (same as previous table)	Column 7B Load Forecast (LF) X current approved rates	Column 7C LF X current approved rates X (1 + d)	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue
Residential	\$ 90,632,689	\$ 132,169,435	\$ 132,169,435	\$ 8,396,616
GS < 50 kW	\$ 24,734,193	\$ 36,069,815	\$ 36,069,815	\$ 1,616,588
GS > 50 kW	\$ 47,290,488	\$ 68,963,606	\$ 69,882,107	\$ 2,828,433
Large User	\$ 262,603	\$ 382,954	\$ 490,554	\$ 14,674
Street Lighting	\$ 2,236,980	\$ 3,262,183	\$ 2,235,765	\$ 159,264
Sentinel Lighting	\$ 16,284	\$ 23,747	\$ 24,063	\$ 1,544
Unmetered Scattered Load (USL)	\$ 528,572	\$ 770,815	\$ 770,815	\$ 51,967
Total	\$ 165,701,810	\$ 241,642,555	\$ 241,642,555	\$ 13,069,086
	<i>line 18</i>	<i>line 23</i>	<i>As per Rate model</i>	<i>line 19</i>

Notes:

- Columns 7B to 7D - LF means Load Forecast of Annual Billing Quantities (i.e. customers or connections X 12, (kWh or kW, as applicable). Revenue Quantities should be net of Transformer Ownership Allowance. Exclude revenue from rate adders and rate riders.
- Columns 7C and 7D - Column total in each column should equal the Base Revenue Requirement
- Columns 7C - The Board cost allocation model calculates "1+d" in worksheet O-1, cell C21. "d" is defined as Revenue Deficiency/ Revenue at Current Rates.
- Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

C) Rebalancing Revenue-to-Cost (R/C) Ratios

Class	Previously Approved Ratio	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Current Year	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2013			
	%	%	%	%
Residential	102.1	100.6	100.6	85 - 115
GS < 50 kW	98.0	105.9	105.9	80 - 120
GS > 50 kW	98.0	94.6	95.8	80 - 120
Large User	85.0	67.6	85.9	85 - 115
Street Lighting	89.7	171.4	120.0	80 - 120
Sentinel Lighting	95.0	82.2	83.3	80 - 120
Unmetered Scattered Load (USL)	102.4	103.4	103.4	80 - 120

Notes:

- 1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is
- 2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.

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Appendix 2-PA New Rate Design Policy For Residential Customers - 2016

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	325,345
kWh	2,714,896,670

Proposed Residential Class Specific Revenue Requirement ¹	\$ 101,115,222.74
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	12.67
Distribution Volumetric Rate (\$/kWh)	0.014

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	12.67	325,345	\$ 49,465,415.79	56.55%
Variable	0.014	2,714,896,670	\$ 38,008,553.38	43.45%
TOTAL	-	-	\$ 87,473,969.17	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	0
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 57,179,371.00	14.65	\$ 57,195,607.05
Variable	\$ 43,935,851.74	0.0162	\$ 43,981,326.05
TOTAL	\$ 101,115,222.74	-	\$ 101,176,933.10

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed				
Variable				
TOTAL	-	\$ -	-	

Checks ³	
Change in Fixed Rate	
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	

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Appendix 2-PA New Rate Design Policy For Residential Customers - 2017

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	331,461
kWh	2,689,802,037

Proposed Residential Class Specific Revenue Requirement ¹	\$ 114,344,829.49
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	14.65
Distribution Volumetric Rate (\$/kWh)	0.0162

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	14.65	331,461	\$ 58,270,829.15	57.21%
Variable	0.0162	2,689,802,037	\$ 43,574,792.99	42.79%
TOTAL	-	-	\$ 101,845,622.14	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	4
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 65,422,233.01	16.45	\$ 65,430,384.95
Variable	\$ 48,922,596.47	0.0182	\$ 48,954,397.07
TOTAL	\$ 114,344,829.49	-	\$ 114,384,782.02

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	67.91%	\$ 77,652,882.13	19.52	\$ 77,641,405.12
Variable	32.09%	\$ 36,691,947.36	0.0136	\$ 36,581,307.70
TOTAL	-	\$ 114,344,829.49	-	\$ 114,222,712.82

Checks ³	
Change in Fixed Rate	4.87
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 122,116.67
	-0.11%

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Appendix 2-PA New Rate Design Policy For Residential Customers - 2018

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	337,643
kWh	2,671,680,575

Proposed Residential Class Specific Revenue Requirement ¹	\$ 120,825,232.79
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	19.52
Distribution Volumetric Rate (\$/kWh)	0.0136

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	19.52	337,643	\$ 79,089,398.72	68.52%
Variable	0.0136	2,671,680,575	\$ 36,334,855.82	31.48%
TOTAL	-	-	\$ 115,424,254.54	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	3
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 82,790,181.75	20.43	\$ 82,776,455.73
Variable	\$ 38,035,051.04	0.0142	\$ 37,937,864.17
TOTAL	\$ 120,825,232.79	-	\$ 120,714,319.90

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	79.01%	\$ 95,468,532.10	23.56	\$ 95,458,311.16
Variable	20.99%	\$ 25,356,700.70	0.0095	\$ 25,380,965.46
TOTAL	-	\$ 120,825,232.79	-	\$ 120,839,276.62

Checks ³	
Change in Fixed Rate	4.04
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 14,043.83
	0.01%

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Appendix 2-PA

New Rate Design Policy For Residential Customers - 2019

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	343,901
kWh	2,661,694,451

Proposed Residential Class Specific Revenue Requirement ¹	\$ 126,782,793.50
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	23.56
Distribution Volumetric Rate (\$/kWh)	0.0095

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	23.56	343,901	\$ 97,227,549.36	79.36%
Variable	0.0095	2,661,694,451	\$ 25,286,097.29	20.64%
TOTAL	-	-	\$ 122,513,646.65	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	2
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 100,615,569.38	24.38	\$ 100,611,530.28
Variable	\$ 26,167,224.13	0.0098	\$ 26,084,605.62
TOTAL	\$ 126,782,793.50	-	\$ 126,696,135.90

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	89.68%	\$ 113,699,181.44	27.55	\$ 113,693,505.30
Variable	10.32%	\$ 13,083,612.06	0.0049	\$ 13,042,302.81
TOTAL	-	\$ 126,782,793.50	-	\$ 126,735,808.11

Checks ³	
Change in Fixed Rate	3.99
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 46,985.39
	-0.04%

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Appendix 2-PA New Rate Design Policy For Residential Customers - 2020

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	350,319
kWh	2,669,304,612

Proposed Residential Class Specific Revenue Requirement ¹	\$ 132,169,435.21
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	27.55
Distribution Volumetric Rate (\$/kWh)	0.0049

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	27.55	350,319	\$ 115,815,296.10	89.85%
Variable	0.0049	2,669,304,612	\$ 13,079,592.60	10.15%
TOTAL	-	-	\$ 128,894,888.70	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	1
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 118,757,558.42	28.25	\$ 118,757,971.50
Variable	\$ 13,411,876.79	0.005	\$ 13,346,523.06
TOTAL	\$ 132,169,435.21	-	\$ 132,104,494.56

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	100.00%	\$ 132,169,435.21	31.44	\$ 132,168,163.68
Variable	0.00%	\$ -	0	\$ -
TOTAL	-	\$ 132,169,435.21	-	\$ 132,168,163.68

Checks ³	
Change in Fixed Rate	3.89
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 1,271.53
	0.00%



Ontario Energy Board

2016 Cost Allocation Model

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Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast	8,469,035,571
-------------------------------	---------------

Total kWhs from Load Forecast	12,505,119
-------------------------------	------------

Deficiency/sufficiency (RRWF 8. cell F51)	- 25,230,966
--	--------------

Miscellaneous Revenue (RRWF 5. cell F48)	12,590,603
--	------------

	ID	Total	1	2	3	6	7	8	9
			Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data									
Forecast kWh	CEN	8,469,035,571	2,714,896,670	1,038,581,794	4,576,806,248	76,536,992	47,666,024	378,095	14,169,748
Forecast kW	CDEM	12,505,119			12,220,067	150,807	133,270	975	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		3,737,149			3,586,342	150,807			
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-							
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	8,469,035,571	2,714,896,670	1,038,581,794	4,576,806,248	76,536,992	47,666,024	378,095	14,169,748
Existing Monthly Charge			\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01
Existing Distribution kWh Rate			\$0.0140	\$0.0139					\$0.0159
Existing Distribution kW Rate					\$3.3278	\$1.4159	\$6.6546	\$8.0172	

Existing TOA Rate					\$0.60	\$0.60			
Additional Charges									
Distribution Revenue from Rates		\$164,034,812	\$87,473,969	\$24,576,765	\$48,916,023	\$356,718	\$2,219,325	\$16,351	\$475,661
Transformer Ownership Allowance		\$2,242,289	\$0	\$0	\$2,151,805	\$90,484	\$0	\$0	\$0
Net Class Revenue	CREV	\$161,792,522	\$87,473,969	\$24,576,765	\$46,764,217	\$266,234	\$2,219,325	\$16,351	\$475,661

2016 Cost Allocation Model

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Sheet I6.2 Customer Data Worksheet -

		1	2	3	6	7	8	9
ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data								
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498			
Number of Bills	CNB	2,531,806	2,046,093	388,822	59,576	24	441	1,343
Number of Devices	CDEV						88,126	
Number of Connections (Unmetered)	CCON	33,784					30,599	209
Total Number of Customers	CCA	365,834	325,345	32,402	4,965	2	43	101
Bulk Customer Base	CCB	365,834	325,345	32,402	4,965	2	43	101
Primary Customer Base	CCP	374,726	325,345	32,402	4,965	1	8,937	101
Line Transformer Customer Base	CCLT	374,361	325,345	32,402	4,600		8,937	101
Secondary Customer Base	CCS	330,445	314,190	14,760			24	101
Weighted - Services	CWCS	314,190	314,190	-	-	-	-	-
Weighted Meter -Capital	CWMC	96,491,674	63,596,341	20,509,799	12,331,533	54,000	-	-
Weighted Meter Reading	CWMR	3,915,039	2,344,430	417,752	1,152,498	360	-	-
Weighted Bills	CWNB	3,277,652	2,046,093	777,644	417,032	360	882	134

Bad Debt Data

Historic Year:	2012	1,043,927	676,110	77,416	290,401			
Historic Year:	2013	938,021	569,210	72,602	296,210			
Historic Year:	2014	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

2016 Cost Allocation Model

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Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
CO-INCIDENT PEAK									
1 CP									
Transformation CP	TCP1	1,641,487	561,374	282,250	787,285	9,269	-	-	1,308
Bulk Delivery CP	BCP1	1,641,487	561,374	282,250	787,285	9,269	-	-	1,308
Total Sytem CP	DCP1	1,641,487	561,374	282,250	787,285	9,269	-	-	1,308
4 CP									
Transformation CP	TCP4	6,122,186	2,021,721	1,005,095	3,056,294	33,975	-	-	5,102
Bulk Delivery CP	BCP4	6,122,186	2,021,721	1,005,095	3,056,294	33,975	-	-	5,102
Total Sytem CP	DCP4	6,122,186	2,021,721	1,005,095	3,056,294	33,975	-	-	5,102
12 CP									
Transformation CP	TCP12	16,317,012	5,698,174	2,317,452	8,120,642	99,442	61,773	427	19,101
Bulk Delivery CP	BCP12	16,317,012	5,698,174	2,317,452	8,120,642	99,442	61,773	427	19,101
Total Sytem CP	DCP12	16,317,012	5,698,174	2,317,452	8,120,642	99,442	61,773	427	19,101
NON CO. INCIDENT PEAK									
1 NCP									
Classification NCP from Load Data Provider	DNCP1	1,793,528	652,299	282,250	826,485	12,451	17,336	132	2,576
Primary NCP	PNCP1	1,788,893	652,299	282,250	826,485	7,816	17,336	132	2,576
Line Transformer NCP	LTNCP1	1,524,618	652,299	282,250	570,025		17,336	132	2,576
Secondary NCP	SNCP1	652,430	652,299					132	
4 NCP									
Classification NCP from Load Data Provider	DNCP4	6,705,342	2,414,983	1,037,847	3,125,889	49,693	66,336	500	10,093
Primary NCP	PNCP4	6,681,804	2,414,983	1,037,847	3,125,889	26,155	66,336	500	10,093
Line Transformer NCP	LTNCP4	5,685,683	2,414,983	1,037,847	2,155,923		66,336	500	10,093
Secondary NCP	SNCP4	2,415,484	2,414,983					500	
12 NCP									
Classification NCP from Load Data Provider	DNCP12	17,912,308	6,363,781	2,541,930	8,670,428	146,184	161,953	1,168	26,865
Primary NCP	PNCP12	17,847,714	6,363,781	2,541,930	8,670,428	81,590	161,953	1,168	26,865
Line Transformer NCP	LTNCP12	15,075,682	6,363,781	2,541,930	5,979,987		161,953	1,168	26,865
Secondary NCP	SNCP12	6,364,948	6,363,781					1,168	

2016 Cost Allocation Model

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Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

		1	2	3	6	7	8	9
Rate Base Assets		Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
crev mi	Distribution Revenue at Existing Rates	\$161,792,522	\$87,473,969	\$24,576,765	\$46,764,217	\$266,234	\$2,219,325	\$475,661
	Miscellaneous Revenue (mi)	\$12,590,603	\$7,573,814	\$1,870,815	\$2,902,423	\$14,343	\$167,842	\$59,741
Miscellaneous Revenue Input equals Output								
Total Revenue at Existing Rates		\$174,383,125	\$95,047,783	\$26,447,580	\$49,666,640	\$280,577	\$2,387,167	\$535,402
Factor required to recover deficiency (1 + D)		1.1559						
Distribution Revenue at Status Quo Rates		\$187,023,489	\$101,115,223	\$28,409,424	\$54,056,930	\$307,752	\$2,565,421	\$549,839
Miscellaneous Revenue (mi)		\$12,590,603	\$7,573,814	\$1,870,815	\$2,902,423	\$14,343	\$167,842	\$59,741
Total Revenue at Status Quo Rates		\$199,614,092	\$108,689,036	\$30,280,238	\$56,959,353	\$322,095	\$2,733,263	\$609,579
Expenses								
di	Distribution Costs (di)	\$28,115,861	\$13,840,281	\$3,802,018	\$9,998,637	\$80,194	\$321,234	\$69,355
cu	Customer Related Costs (cu)	\$24,533,673	\$15,979,820	\$4,812,289	\$3,324,007	\$3,876	\$230,305	\$2,145
ad	General and Administration (ad)	\$43,566,292	\$24,575,451	\$7,093,009	\$11,161,671	\$71,914	\$455,516	\$5,230
dep	Depreciation and Amortization (dep)	\$47,368,554	\$25,093,730	\$6,856,900	\$14,768,439	\$115,735	\$428,370	\$5,877
INPUT	PLIs (INPUT)	(\$4,693,815)	(\$2,361,659)	(\$663,657)	(\$1,596,768)	(\$13,609)	(\$46,596)	(\$643)
INT	Interest	\$23,216,498	\$11,681,214	\$3,282,572	\$7,897,915	\$67,311	\$230,471	\$3,179
Total Expenses		\$162,107,062	\$88,808,837	\$25,183,132	\$45,553,901	\$325,421	\$1,619,300	\$596,540
Direct Allocation		\$10,837	\$0	\$0	\$10,837	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$37,496,193	\$18,865,939	\$5,301,573	\$12,755,659	\$108,712	\$372,226	\$86,949
Revenue Requirement (includes NI)		\$199,614,092	\$107,674,776	\$30,484,705	\$58,309,560	\$444,970	\$1,991,526	\$683,488
Revenue Requirement Input equals Output								
Rate Base Calculation								
Net Assets								
dp	Distribution Plant - Gross	\$1,281,718,445	\$659,797,744	\$179,726,842	\$422,561,264	\$3,302,627	\$13,103,977	\$3,044,251
gp	General Plant - Gross	\$198,013,491	\$100,767,017	\$27,723,248	\$66,371,414	\$552,433	\$2,086,270	\$28,987
accum dep	Accumulated Depreciation	(\$205,553,944)	(\$109,495,376)	(\$29,415,166)	(\$63,954,237)	(\$510,620)	(\$1,745,468)	(\$409,281)
co	Capital Contribution	(\$352,390,470)	(\$186,451,585)	(\$47,883,230)	(\$112,061,431)	(\$760,992)	(\$4,209,744)	(\$59,387)
Total Net Plant		\$921,787,522	\$464,617,801	\$130,151,695	\$312,917,010	\$2,583,448	\$9,235,036	\$2,154,989
Directly Allocated Net Fixed Assets		\$74,245	\$0	\$0	\$74,245	\$0	\$0	\$0
COP	Cost of Power (COP)	\$1,053,061,247	\$339,586,810	\$129,033,060	\$567,244,736	\$9,485,917	\$5,907,679	\$1,756,184
OM&A Expenses		\$96,215,825	\$54,395,552	\$15,707,316	\$24,484,315	\$155,984	\$1,007,055	\$454,087
Directly Allocated Expenses		\$366	\$0	\$0	\$0	\$366	\$0	\$0
Subtotal		\$1,149,277,438	\$393,982,362	\$144,740,376	\$591,729,051	\$9,642,267	\$6,914,734	\$2,210,272
Working Capital		\$86,195,808	\$29,548,677	\$10,855,528	\$44,379,679	\$723,170	\$518,605	\$165,770
Total Rate Base		\$1,008,057,575	\$494,166,478	\$141,007,223	\$357,296,689	\$3,380,863	\$9,753,641	\$2,320,759
Rate Base Input equals Output								
Equity Component of Rate Base		\$403,223,030	\$197,666,591	\$56,402,889	\$142,918,676	\$1,352,345	\$3,901,456	\$928,304
Net Income on Allocated Assets		\$37,496,193	\$19,880,200	\$5,097,106	\$11,405,452	(\$14,163)	\$1,113,963	\$596
Net Income on Direct Allocation Assets		\$3,549	\$0	\$0	\$0	\$3,549	\$0	\$0
Net Income		\$37,499,742	\$19,880,200	\$5,097,106	\$11,405,452	(\$10,614)	\$1,113,963	\$596
RATIOS ANALYSIS								
REVENUE TO EXPENSES STATUS QUO%		100.00%	100.94%	99.33%	97.68%	72.39%	137.24%	81.89%
EXISTING REVENUE MINUS ALLOCATED COSTS		(\$25,230,967)	(\$12,626,993)	(\$4,037,126)	(\$8,642,920)	(\$164,393)	\$395,641	(\$148,087)
Deficiency Input equals Output								
STATUS QUO REVENUE MINUS ALLOCATED COSTS		\$0	\$1,014,261	(\$204,467)	(\$1,350,207)	(\$122,875)	\$741,737	(\$73,909)
RETURN ON EQUITY COMPONENT OF RATE BASE		9.30%	10.06%	9.04%	7.98%	-0.78%	28.55%	1.40%

2016 Cost Allocation Model

EB-2015-0003

Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$4.60	\$15.06	\$51.25	\$348.09	\$0.62	\$0.81	\$4.30
\$7.71	\$24.63	\$90.00	\$511.73	\$1.14	\$1.49	\$7.83
\$16.83	\$33.80	\$124.23	\$683.12	\$2.99	\$7.29	\$15.05
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

2017 Cost Allocation Model

EB-2015-0003

Sheet 16.1 Revenue Worksheet -

Total kWhs from Load Forecast	8,424,812,745
-------------------------------	---------------

Total kW from Load Forecast	12,470,788
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Deficiency/sufficiency (RRWF 8. cell F51)	47,825,791
---	------------

Miscellaneous Revenue (RRWF 5. cell F48)	12,718,312
---	------------

			1	2	3	6	7	8	9
	ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data									
Forecast kWh	CEN	8,424,812,745	2,689,802,037	1,031,991,524	4,566,530,904	75,964,677	45,603,291	377,900	14,542,413
Forecast kW	CDEM	12,470,788			12,192,632	149,679	127,503	975	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		3,727,970			3,578,291	149,679			
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-							
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	8,424,812,745	2,689,802,037	1,031,991,524	4,566,530,904	75,964,677	45,603,291	377,900	14,542,413
Existing Monthly Charge			\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01
Existing Distribution kWh Rate			\$0.0140	\$0.0139					\$0.0159
Existing Distribution kW Rate					\$3.3278	\$1.4159	\$6.6546	\$8.0172	
Existing TOA Rate					\$0.60	\$0.60			
Additional Charges									
Distribution Revenue from Rates		\$164,735,705	\$88,052,546	\$24,601,972	\$49,017,349	\$355,121	\$2,205,179	\$16,285	\$487,251
Transformer Ownership Allowance		\$2,236,782	\$0	\$0	\$2,146,974	\$89,807	\$0	\$0	\$0
Net Class Revenue	CREV	\$162,498,923	\$88,052,546	\$24,601,972	\$46,870,375	\$265,314	\$2,205,179	\$16,285	\$487,251

2016 Cost Allocation Model

EB-2015-0003

Sheet I6.2 Customer Data Worksheet -

		1	2	3	6	7	8	9
ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data								
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498			
Number of Bills	CNB	4,469,917	3,977,531	393,301	60,967	24	441	1,343
Number of Devices	CDEV						89,729	
Number of Connections (Unmetered)	CCON	34,407					31,156	207
Total Number of Customers	CCA	372,506	331,461	32,775	5,081	2	43	101
Bulk Customer Base	CCB	372,506	331,461	32,775	5,081	2	43	101
Primary Customer Base	CCP	380,389	331,461	32,775	5,081	1	7,927	101
Line Transformer Customer Base	CCLT	380,016	331,461	32,775	4,709		7,927	101
Secondary Customer Base	CCS	336,562	320,307	14,760			24	101
Weighted - Services	CWCS	320,307	320,307	-	-	-	-	-
Weighted Meter -Capital	CWMC	98,223,040	64,732,217	20,790,825	12,645,999	54,000	-	-
Weighted Meter Reading	CWMR	5,863,198	4,275,868	422,231	1,162,791	2,309	-	-
Weighted Bills	CWNB	5,228,588	3,977,531	786,602	426,769	360	882	134

Bad Debt Data

Historic Year:	2012	1,043,927	676,110	77,416	290,401			
Historic Year:	2013	938,021	569,210	72,602	296,210			
Historic Year:	2014	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

2017 Cost Allocation Model

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Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
CO-INCIDENT PEAK									
1 CP									
Transformation CP	TCP1	1,637,748	559,050	280,744	787,412	9,200	-	-	1,343
Bulk Delivery CP	BCP1	1,637,748	559,050	280,744	787,412	9,200	-	-	1,343
Total Sytem CP	DCP1	1,637,748	559,050	280,744	787,412	9,200	-	-	1,343
4 CP									
Transformation CP	TCP4	6,108,826	2,013,349	999,730	3,056,789	33,721	-	-	5,236
Bulk Delivery CP	BCP4	6,108,826	2,013,349	999,730	3,056,789	33,721	-	-	5,236
Total Sytem CP	DCP4	6,108,826	2,013,349	999,730	3,056,789	33,721	-	-	5,236
12 CP									
Transformation CP	TCP12	16,273,910	5,674,579	2,305,083	8,121,958	98,699	53,561	427	19,604
Bulk Delivery CP	BCP12	16,273,910	5,674,579	2,305,083	8,121,958	98,699	53,561	427	19,604
Total Sytem CP	DCP12	16,273,910	5,674,579	2,305,083	8,121,958	98,699	53,561	427	19,604
NON CO. INCIDENT PEAK									
1 NCP									
Classification NCP from Load Data Provider	DNCP1	1,787,124	649,597	280,744	826,619	12,358	15,032	132	2,643
Primary NCP	PNCP1	1,784,829	649,597	280,744	826,619	7,758	17,336	132	2,643
Line Transformer NCP	LTNCP1	1,520,570	649,597	280,744	570,118		17,336	132	2,643
Secondary NCP	SNCP1	649,729	649,597					132	
4 NCP									
Classification NCP from Load Data Provider	DNCP4	6,681,384	2,404,983	1,032,307	3,126,396	49,321	57,518	500	10,358
Primary NCP	PNCP4	6,658,023	2,404,983	1,032,307	3,126,396	25,960	57,518	500	10,358
Line Transformer NCP	LTNCP4	5,661,940	2,404,983	1,032,307	2,156,273		57,518	500	10,358
Secondary NCP	SNCP4	2,405,483	2,404,983					500	
12 NCP									
Classification NCP from Load Data Provider	DNCP12	17,851,878	6,337,429	2,528,363	8,671,833	145,091	140,424	1,167	27,571
Primary NCP	PNCP12	17,787,767	6,337,429	2,528,363	8,671,833	80,980	140,424	1,167	27,571
Line Transformer NCP	LTNCP12	15,015,910	6,337,429	2,528,363	5,980,956		140,424	1,167	27,571
Secondary NCP	SNCP12	6,338,596	6,337,429					1,167	

2017 Cost Allocation Model

EB-2015-0003
Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets		Total	1 Residential	2 GS <50	3 GS-50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
crev	Distribution Revenue at Existing Rates	\$162,498,923	\$88,052,546	\$24,601,972	\$46,870,375	\$265,314	\$2,205,179	\$16,285	\$487,251
mi	Miscellaneous Revenue (mi)	\$12,718,312	\$8,199,319	\$1,588,508	\$2,707,047	\$13,932	\$159,409	\$1,536	\$48,561
		Miscellaneous Revenue Input equals Output							
Total Revenue at Existing Rates		\$175,217,235	\$96,251,865	\$26,190,480	\$49,577,422	\$279,246	\$2,364,588	\$17,821	\$535,811
Factor required to recover deficiency (1 + D)		1.2943							
Distribution Revenue at Status Quo Rates		\$210,324,715	\$113,967,689	\$31,842,690	\$60,665,007	\$343,400	\$2,854,195	\$21,079	\$630,656
Miscellaneous Revenue (mi)		\$12,718,312	\$8,199,319	\$1,588,508	\$2,707,047	\$13,932	\$159,409	\$1,536	\$48,561
Total Revenue at Status Quo Rates		\$223,043,027	\$122,167,008	\$33,431,198	\$63,372,054	\$357,332	\$3,013,604	\$22,614	\$679,216
Expenses									
di	Distribution Costs (di)	\$29,409,976	\$14,470,522	\$3,967,821	\$10,513,759	\$83,964	\$295,806	\$4,288	\$73,816
cu	Customer Related Costs (cu)	\$27,903,898	\$20,778,424	\$4,015,634	\$2,721,071	\$4,008	\$233,921	\$2,001	\$148,841
ad	General and Administration (ad)	\$44,494,168	\$27,180,107	\$6,200,155	\$10,457,146	\$70,789	\$410,589	\$4,926	\$170,456
dep	Depreciation and Amortization (dep)	\$51,456,219	\$27,109,897	\$7,429,923	\$16,256,898	\$126,774	\$414,789	\$6,401	\$111,537
INPUT	PILs (INPUT)	\$3,357,236	\$1,678,371	\$472,758	\$1,158,148	\$9,810	\$29,671	\$460	\$8,018
INT	Interest	\$25,799,396	\$12,897,802	\$3,633,013	\$8,900,038	\$75,386	\$228,013	\$3,532	\$61,613
Total Expenses		\$182,420,895	\$104,115,123	\$25,719,305	\$50,007,059	\$370,730	\$1,612,790	\$21,607	\$574,281
Direct Allocation		\$11,541	\$0	\$0	\$0	\$11,541	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$40,610,592	\$20,302,312	\$5,718,692	\$14,009,467	\$118,664	\$358,913	\$5,560	\$96,984
Revenue Requirement (includes NI)		\$223,043,027	\$124,417,434	\$31,437,996	\$64,016,527	\$500,935	\$1,971,703	\$27,167	\$671,265
		Revenue Requirement Input equals Output							
Rate Base Calculation									
Net Assets									
dp	Distribution Plant - Gross	\$1,413,252,474	\$724,798,278	\$197,688,689	\$470,725,286	\$3,665,664	\$12,747,826	\$198,513	\$3,428,217
gp	General Plant - Gross	\$217,562,031	\$110,118,451	\$30,373,962	\$73,854,622	\$610,856	\$2,027,825	\$31,635	\$544,680
accum dep	Accumulated Depreciation	(\$255,521,692)	(\$135,476,420)	(\$36,472,841)	(\$80,438,594)	(\$637,565)	(\$1,940,457)	(\$29,744)	(\$526,070)
co	Capital Contribution	(\$373,866,181)	(\$197,899,114)	(\$50,728,444)	(\$119,417,824)	(\$802,698)	(\$3,916,931)	(\$62,115)	(\$1,039,057)
Total Net Plant		\$1,001,426,632	\$501,541,196	\$140,861,366	\$344,723,490	\$2,836,258	\$8,918,263	\$138,290	\$2,407,770
Directly Allocated Net Fixed Assets		\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
COP	Cost of Power (COP)	\$1,101,867,272	\$353,843,216	\$134,864,298	\$595,364,993	\$9,903,953	\$5,945,564	\$49,269	\$1,895,978
OM&A Expenses		\$101,808,043	\$62,429,052	\$14,183,610	\$23,691,975	\$158,761	\$940,317	\$11,215	\$393,113
Directly Allocated Expenses		\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
Subtotal		\$1,203,675,681	\$416,272,268	\$149,047,908	\$619,056,969	\$10,063,080	\$6,885,881	\$60,484	\$2,289,091
Working Capital		\$90,275,676	\$31,220,420	\$11,178,593	\$46,429,273	\$754,731	\$516,441	\$4,536	\$171,682
Total Rate Base		\$1,091,776,553	\$532,761,616	\$152,039,959	\$391,152,763	\$3,665,235	\$9,434,704	\$142,826	\$2,579,452
		Rate Base Input equals Output							
Equity Component of Rate Base		\$436,710,621	\$213,104,646	\$60,815,983	\$156,461,105	\$1,466,094	\$3,773,882	\$57,130	\$1,031,781
Net Income on Allocated Assets		\$40,610,592	\$18,051,885	\$7,711,893	\$13,364,995	(\$24,938)	\$1,400,814	\$1,007	\$104,936
Net Income on Direct Allocation Assets		\$3,496	\$0	\$0	\$0	\$3,496	\$0	\$0	\$0
Net Income		\$40,614,088	\$18,051,885	\$7,711,893	\$13,364,995	(\$21,443)	\$1,400,814	\$1,007	\$104,936
RATIOS ANALYSIS									
REVENUE TO EXPENSES STATUS QUO%		100.00%	98.19%	106.34%	98.99%	71.33%	152.84%	83.24%	101.18%
EXISTING REVENUE MINUS ALLOCATED COSTS		(\$47,825,792)	(\$28,165,569)	(\$5,247,516)	(\$14,439,104)	(\$221,688)	\$392,885	(\$9,346)	(\$135,453)
		Deficiency Input equals Output							
STATUS QUO REVENUE MINUS ALLOCATED COSTS		\$0	(\$2,250,427)	\$1,993,202	(\$644,472)	(\$143,602)	\$1,041,901	(\$4,553)	\$7,952
RETURN ON EQUITY COMPONENT OF RATE BASE		9.30%	8.47%	12.68%	8.54%	-1.46%	37.12%	1.76%	10.17%

2016 Cost Allocation Model

EB-2015-0003

Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$5.78	\$13.76	\$44.97	\$368.47	\$0.62	\$0.77	\$3.58
\$9.55	\$21.60	\$75.73	\$531.24	\$1.10	\$1.38	\$6.34
\$19.37	\$30.26	\$103.11	\$691.76	\$2.92	\$7.80	\$13.71
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

2018 Cost Allocation Model

EB-2015-0003

Sheet 16.1 Revenue Worksheet -

Total kWhs from Load Forecast	8,393,124,352
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Total kW from Load Forecast	12,448,749
-----------------------------	------------

Deficiency/sufficiency (RRWF 8. cell F51)	58,063,067
---	------------

Miscellaneous Revenue (RRWF 5. cell F48)	12,816,681
---	------------

			1	2	3	6	7	8	9
	ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data									
Forecast kWh	CEN	8,393,124,352	2,671,680,575	1,026,341,815	4,560,986,411	75,397,535	43,415,288	377,847	14,924,880
Forecast kW	CDEM	12,448,749			12,177,828	148,561	121,385	975	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		3,722,508			3,573,946	148,561			
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-							
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	16,925,337,399	8,462,668,700	2,734,798,535	1,029,394,754	-	75,397,535	38,502,066	377,840
Existing Monthly Charge			\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01
Existing Distribution kWh Rate			\$0.0140	\$0.0139					\$0.0159
Existing Distribution kW Rate					\$3.3278	\$1.4159	\$6.6546	\$8.0172	
Existing TOA Rate					\$0.60	\$0.60			
Additional Charges									
Distribution Revenue from Rates		\$165,600,367	\$88,738,706	\$24,641,636	\$49,161,404	\$353,539	\$2,188,947	\$16,284	\$499,851
Transformer Ownership Allowance		\$2,233,505	\$0	\$0	\$2,144,368	\$89,137	\$0	\$0	\$0
Net Class Revenue	CREV	\$163,366,863	\$88,738,706	\$24,641,636	\$47,017,036	\$264,402	\$2,188,947	\$16,284	\$499,851



2016 Cost Allocation Model

EB-2015-0003**Sheet I6.2 Customer Data Worksheet -**

Billing Data			1	2	3	6	7	8	9
	ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498				
Number of Bills	CNB	4,550,950	4,051,711	397,833	62,363	24	441	1,343	37,235
Number of Devices	CDEV						91,348		
Number of Connections (Unmetered)	CCON	35,046					31,718	207	3,121
Total Number of Customers	CCA	379,259	337,643	33,153	5,197	2	43	101	3,121
Bulk Customer Base	CCB	379,259	337,643	33,153	5,197	2	43	101	3,121
Primary Customer Base	CCP	385,991	337,643	33,153	5,197	1	6,776	101	3,121
Line Transformer Customer Base	CCLT	385,611	337,643	33,153	4,818		6,776	101	3,121
Secondary Customer Base	CCS	342,792	326,537	14,760			24	101	1,370
Weighted - Services	CWCS	326,537	326,537	-	-	-	-	-	-
Weighted Meter -Capital	CWMC	99,970,432	65,880,350	21,075,617	12,960,464	54,000		-	-
Weighted Meter Reading	CWMR	5,952,241	4,350,048	426,763	1,173,122	2,309		-	-
Weighted Bills	CWNB	5,322,529	4,051,711	795,666	436,541	360	882	134	37,235

Bad Debt Data

Historic Year:	2012	1,043,927	676,110	77,416	290,401				
Historic Year:	2013	938,021	569,210	72,602	296,210				
Historic Year:	2014	985,895	598,261	76,307	311,328				
Three-year average		989,281	614,527	75,442	299,313	-	-	-	-

2018 Cost Allocation Model

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Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
CO-INCIDENT PEAK									
1 CP									
Transformation CP	TCP1	1,634,425	558,146	279,312	786,458	9,131	-	-	1,378
Bulk Delivery CP	BCP1	1,634,425	558,146	279,312	786,458	9,131	-	-	1,378
Total Sytem CP	DCP1	1,634,425	558,146	279,312	786,458	9,131	-	-	1,378
4 CP									
Transformation CP	TCP4	6,096,652	2,010,093	994,633	3,053,084	33,469	-	-	5,374
Bulk Delivery CP	BCP4	6,096,652	2,010,093	994,633	3,053,084	33,469	-	-	5,374
Total Sytem CP	DCP4	6,096,652	2,010,093	994,633	3,053,084	33,469	-	-	5,374
12 CP									
Transformation CP	TCP12	16,234,220	5,665,401	2,293,329	8,112,112	97,962	44,869	427	20,119
Bulk Delivery CP	BCP12	16,234,220	5,665,401	2,293,329	8,112,112	97,962	44,869	427	20,119
Total Sytem CP	DCP12	16,234,220	5,665,401	2,293,329	8,112,112	97,962	44,869	427	20,119
NON CO. INCIDENT PEAK									
1 NCP									
Classification NCP from Load Data Provider	DNCP1	1,781,178	648,547	279,312	825,617	12,265	12,592	132	2,713
Primary NCP	PNCP1	1,781,356	648,547	279,312	825,617	7,700	17,336	132	2,713
Line Transformer NCP	LTNCP1	1,517,467	648,547	279,312	569,427		17,336	132	2,713
Secondary NCP	SNCP1	648,679	648,547					132	
4 NCP									
Classification NCP from Load Data Provider	DNCP4	6,659,010	2,401,094	1,027,044	3,122,606	48,953	48,183	500	10,631
Primary NCP	PNCP4	6,635,823	2,401,094	1,027,044	3,122,606	25,766	48,183	500	10,631
Line Transformer NCP	LTNCP4	5,641,110	2,401,094	1,027,044	2,153,659		48,183	500	10,631
Secondary NCP	SNCP4	2,401,594	2,401,094					500	
12 NCP									
Classification NCP from Load Data Provider	DNCP12	17,795,076	6,327,179	2,515,470	8,661,321	144,008	117,634	1,167	28,296
Primary NCP	PNCP12	17,731,444	6,327,179	2,515,470	8,661,321	80,376	117,634	1,167	28,296
Line Transformer NCP	LTNCP12	14,963,453	6,327,179	2,515,470	5,973,706		117,634	1,167	28,296
Secondary NCP	SNCP12	6,328,346	6,327,179					1,167	

2018 Cost Allocation Model

EB-2015-0003
Sheet O1 Revenue to Cost Summary Worksheet -

Instructions:
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets		Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
crev	Distribution Revenue at Existing Rates	\$163,366,863	\$88,738,706	\$24,641,636	\$47,017,036	\$264,402	\$2,188,947	\$16,284	\$499,851
mi	Miscellaneous Revenue (mi)	\$12,616,681	\$8,253,509	\$1,596,380	\$2,746,511	\$14,238	\$154,959	\$1,542	\$49,542
Total Revenue at Existing Rates		\$176,183,544	\$96,992,215	\$26,238,016	\$49,763,547	\$278,640	\$2,343,906	\$17,827	\$549,393
Factor required to recover deficiency (1 + D)		1.3554							
Distribution Revenue at Status Quo Rates		\$221,429,930	\$120,277,792	\$33,399,648	\$63,727,606	\$358,375	\$2,966,932	\$22,072	\$677,506
Miscellaneous Revenue (mi)		\$12,616,681	\$8,253,509	\$1,596,380	\$2,746,511	\$14,238	\$154,959	\$1,542	\$49,542
Total Revenue at Status Quo Rates		\$234,246,611	\$128,531,301	\$34,996,028	\$66,474,117	\$372,613	\$3,121,891	\$23,614	\$727,048
Expenses									
di	Distribution Costs (di)	\$30,562,771	\$15,037,309	\$4,118,827	\$10,974,730	\$87,355	\$261,897	\$4,424	\$78,229
cu	Customer Related Costs (cu)	\$28,194,430	\$21,015,492	\$4,028,870	\$2,753,914	\$3,950	\$238,273	\$2,000	\$151,932
ad	General and Administration (ad)	\$44,966,493	\$27,401,373	\$6,238,100	\$10,694,619	\$72,410	\$381,273	\$4,960	\$173,758
dep	Depreciation and Amortization (dep)	\$54,142,417	\$28,401,836	\$7,810,780	\$17,295,682	\$134,439	\$372,886	\$6,703	\$120,091
INPUT	PIUs (INPUT)	\$4,868,743	\$2,419,972	\$683,400	\$1,701,467	\$14,352	\$36,949	\$666	\$11,936
INT	Interest	\$27,866,772	\$13,850,971	\$3,911,516	\$9,738,527	\$82,147	\$211,483	\$3,810	\$68,319
Total Expenses		\$190,601,627	\$108,126,954	\$26,791,493	\$53,158,938	\$394,655	\$1,502,761	\$22,562	\$604,265
Direct Allocation		\$11,545	\$0	\$0	\$0	\$11,545	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$43,633,439	\$21,687,675	\$6,124,602	\$15,248,462	\$128,625	\$331,137	\$5,965	\$106,973
Revenue Requirement (includes NI)		\$234,246,611	\$129,814,629	\$32,916,096	\$68,407,399	\$534,825	\$1,833,897	\$28,527	\$711,238
Revenue Requirement Input equals Output									
Rate Base Calculation									
Net Assets									
dp	Distribution Plant - Gross	\$1,551,118,563	\$793,132,382	\$216,549,292	\$521,404,135	\$4,051,250	\$11,924,880	\$216,281	\$3,840,342
gum	General Plant - Gross	\$233,234,688	\$117,500,399	\$32,486,214	\$80,100,418	\$659,628	\$1,857,112	\$33,733	\$597,185
accum dep	Accumulated Depreciation	(\$308,989,890)	(\$163,237,663)	(\$44,013,099)	(\$98,250,067)	(\$774,421)	(\$2,022,112)	(\$36,162)	(\$656,169)
co	Capital Contribution	(\$396,251,289)	(\$210,078,546)	(\$53,688,972)	(\$126,932,835)	(\$945,652)	(\$3,519,215)	(\$65,241)	(\$1,120,830)
Total Net Plant		\$1,079,112,271	\$537,316,572	\$151,333,435	\$376,321,651	\$3,090,805	\$8,240,665	\$148,611	\$2,660,531
Directly Allocated Net Fixed Assets		\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
COP	Cost of Power (COP)	\$1,147,578,679	\$556,158,736	\$181,145,468	\$119,645,188	\$931,252	\$5,173,446	\$2,372,680	\$207,579
OM&A Expenses		\$103,723,695	\$63,454,174	\$14,385,797	\$24,423,263	\$163,715	\$881,443	\$11,384	\$403,918
Directly Allocated Expenses		\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
Subtotal		\$1,251,302,740	\$619,612,910	\$195,531,265	\$144,068,451	\$1,095,334	\$6,054,890	\$2,384,063	\$611,498
Working Capital		\$93,847,705	\$46,470,968	\$14,664,845	\$10,805,134	\$82,150	\$454,117	\$178,805	\$45,862
Total Rate Base		\$1,173,034,222	\$583,787,541	\$165,998,280	\$387,126,785	\$3,247,200	\$8,694,782	\$327,416	\$2,706,394
Rate Base Input equals Output									
Equity Component of Rate Base		\$469,213,689	\$233,515,016	\$66,399,312	\$154,850,714	\$1,298,880	\$3,477,913	\$130,966	\$1,082,557
Net Income on Allocated Assets		\$43,633,439	\$20,404,347	\$8,204,535	\$13,315,179	(\$33,587)	\$1,619,130	\$1,052	\$122,783
Net Income on Direct Allocation Assets		\$3,434	\$0	\$0	\$0	\$3,434	\$0	\$0	\$0
Net Income		\$43,636,873	\$20,404,347	\$8,204,535	\$13,315,179	(\$30,153)	\$1,619,130	\$1,052	\$122,783
RATIOS ANALYSIS									
REVENUE TO EXPENSES STATUS QUO%		100.00%	99.01%	106.32%	97.17%	69.67%	170.23%	82.78%	102.22%
EXISTING REVENUE MINUS ALLOCATED COSTS		(\$58,063,068)	(\$32,822,414)	(\$6,678,080)	(\$18,643,853)	(\$256,185)	\$510,009	(\$10,701)	(\$161,845)
Deficiency Input equals Output									
STATUS QUO REVENUE MINUS ALLOCATED COSTS		\$0	(\$1,283,328)	\$2,079,932	(\$1,933,283)	(\$162,212)	\$1,287,994	(\$4,913)	\$15,810
RETURN ON EQUITY COMPONENT OF RATE BASE		9.30%	8.74%	12.36%	8.60%	-2.32%	46.55%	0.80%	11.34%



Ontario Energy Board

2018 Cost Allocation Model

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Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$5.76	\$13.72	\$45.04	\$366.55	\$0.62	\$0.77	\$3.56
\$9.42	\$21.29	\$74.67	\$520.83	\$1.10	\$1.37	\$6.27
\$19.52	\$30.26	\$102.36	\$694.20	\$2.74	\$8.10	\$13.96
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

2019 Cost Allocation Model

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Sheet 16.1 Revenue Worksheet -

Total kWhs from Load Forecast	8,365,182,779
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Total kW from Load Forecast	12,417,312
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Deficiency/sufficiency (RRWF 8. cell F51)	67,664,670
--	------------

Miscellaneous Revenue (RRWF 5. cell F48)	12,938,953
--	------------

			1	2	3	6	7	8	9
	ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data									
Forecast kWh	CEN	8,365,182,779	2,661,694,451	1,019,915,394	4,549,627,143	74,835,513	43,415,040	377,833	15,317,406
Forecast kW	CDEM	12,417,312			12,147,499	147,454	121,385	975	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		3,712,499			3,565,045	147,454			
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-							
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	8,365,182,779	2,661,694,451	1,019,915,394	4,549,627,143	74,835,513	43,415,040	377,833	15,317,406
Existing Monthly Charge			\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01
Existing Distribution kWh Rate			\$0.0140	\$0.0139					\$0.0159
Existing Distribution kW Rate					\$3.3278	\$1.4159	\$6.6546	\$8.0172	
Existing TOA Rate					\$0.60	\$0.60			
Additional Charges									
Distribution Revenue from Rates		\$166,574,865	\$89,550,354	\$24,671,990	\$49,256,977	\$351,971	\$2,213,696	\$16,284	\$513,593
Transformer Ownership Allowance		\$2,227,500	\$0	\$0	\$2,139,027	\$88,472	\$0	\$0	\$0
Net Class Revenue	CREV	\$164,347,366	\$89,550,354	\$24,671,990	\$47,117,950	\$263,499	\$2,213,696	\$16,284	\$513,593



2016 Cost Allocation Model

EB-2015-0003**Sheet I6.2 Customer Data Worksheet -**

Billing Data			1	2	3	6	7	8	9
	ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498				
Number of Bills	CNB	4,633,116	4,126,806	402,422	63,782	24	441	1,343	38,298
Number of Devices	CDEV						92,985		
Number of Connections (Unmetered)	CCON	35,703					32,286	207	3,210
Total Number of Customers	CCA	386,107	343,901	33,535	5,315	2	43	101	3,210
Bulk Customer Base	CCB	386,107	343,901	33,535	5,315	2	43	101	3,210
Primary Customer Base	CCP	392,916	343,901	33,535	5,315	1	6,853	101	3,210
Line Transformer Customer Base	CCLT	392,528	343,901	33,535	4,927		6,853	101	3,210
Secondary Customer Base	CCS	349,053	332,798	14,760			24	101	1,370
Weighted - Services	CWCS	332,798	332,798	-	-	-	-	-	-
Weighted Meter -Capital	CWMC	101,743,085	67,042,599	21,363,423	13,283,063	54,000	-	-	-
Weighted Meter Reading	CWMR	6,042,425	4,425,143	431,352	1,183,622	2,309	-	-	-
Weighted Bills	CWNB	5,417,798	4,126,806	804,844	446,474	360	882	134	38,298

Bad Debt Data

Historic Year:	2012	1,043,927	676,110	77,416	290,401				
Historic Year:	2013	938,021	569,210	72,602	296,210				
Historic Year:	2014	985,895	598,261	76,307	311,328				
Three-year average		989,281	614,527	75,442	299,313	-	-	-	-

2019 Cost Allocation Model

EB-2015-0003

Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes		Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
CO-INCIDENT PEAK									
1 CP									
Transformation CP	TCP1	1,628,850	556,387	277,831	784,154	9,063	-	-	1,414
Bulk Delivery CP	BCP1	1,628,850	556,387	277,831	784,154	9,063	-	-	1,414
Total Sytem CP	DCP1	1,628,850	556,387	277,831	784,154	9,063	-	-	1,414
4 CP									
Transformation CP	TCP4	6,075,995	2,003,761	989,360	3,044,139	33,220	-	-	5,515
Bulk Delivery CP	BCP4	6,075,995	2,003,761	989,360	3,044,139	33,220	-	-	5,515
Total Sytem CP	DCP4	6,075,995	2,003,761	989,360	3,044,139	33,220	-	-	5,515
12 CP									
Transformation CP	TCP12	16,179,799	5,647,555	2,281,173	8,088,347	97,232	44,418	427	20,648
Bulk Delivery CP	BCP12	16,179,799	5,647,555	2,281,173	8,088,347	97,232	44,418	427	20,648
Total Sytem CP	DCP12	16,179,799	5,647,555	2,281,173	8,088,347	97,232	44,418	427	20,648
NON CO. INCIDENT PEAK									
1 NCP									
Classification NCP from Load Data Provider	DNCP1	1,775,089	646,504	277,831	823,198	12,174	12,466	132	2,784
Primary NCP	PNCP1	1,775,428	646,504	277,831	823,198	7,642	17,336	132	2,784
Line Transformer NCP	LTNCP1	1,512,346	646,504	277,831	567,758		17,336	132	2,784
Secondary NCP	SNCP1	646,636	646,504					132	
4 NCP									
Classification NCP from Load Data Provider	DNCP4	6,636,285	2,393,530	1,021,599	3,113,458	48,588	47,699	500	10,910
Primary NCP	PNCP4	6,613,271	2,393,530	1,021,599	3,113,458	25,574	47,699	500	10,910
Line Transformer NCP	LTNCP4	5,621,588	2,393,530	1,021,599	2,147,349		47,699	500	10,910
Secondary NCP	SNCP4	2,394,030	2,393,530					500	
12 NCP									
Classification NCP from Load Data Provider	DNCP12	17,734,925	6,307,248	2,502,136	8,635,947	142,934	116,452	1,167	29,041
Primary NCP	PNCP12	17,671,767	6,307,248	2,502,136	8,635,947	79,777	116,452	1,167	29,041
Line Transformer NCP	LTNCP12	14,912,249	6,307,248	2,502,136	5,956,205		116,452	1,167	29,041
Secondary NCP	SNCP12	6,308,415	6,307,248					1,167	

2019 Cost Allocation Model

EB-2015-0003
Sheet O1 Revenue to Cost Summary Worksheet -

Instructions:
Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets		Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
crev	Distribution Revenue at Existing Rates	\$164,347,366	\$89,550,354	\$24,671,990	\$47,117,950	\$263,499	\$2,213,696	\$16,284	\$513,593
	Miscellaneous Revenue (mi)	\$12,938,953	\$8,322,435	\$1,604,995	\$2,787,657	\$14,472	\$157,189	\$1,543	\$50,661
Total Revenue at Existing Rates		\$177,286,319	\$97,872,789	\$26,276,985	\$49,905,607	\$277,971	\$2,370,885	\$17,827	\$564,254
Factor required to recover deficiency (1 + D)		1.4117							
mi	Distribution Revenue at Status Quo Rates	\$232,012,036	\$126,419,794	\$34,829,877	\$66,517,230	\$371,986	\$3,125,113	\$22,989	\$725,048
	Miscellaneous Revenue (mi)	\$12,938,953	\$8,322,435	\$1,604,995	\$2,787,657	\$14,472	\$157,189	\$1,543	\$50,661
Total Revenue at Status Quo Rates		\$244,950,990	\$134,742,229	\$36,434,873	\$69,304,887	\$386,458	\$3,282,302	\$24,532	\$775,709
Expenses									
di	Distribution Costs (di)	\$31,668,230	\$15,548,816	\$4,261,184	\$11,409,847	\$90,538	\$270,745	\$4,538	\$82,563
cu	Customer Related Costs (cu)	\$28,638,208	\$21,369,271	\$4,064,360	\$2,799,412	\$3,901	\$242,609	\$2,002	\$156,653
ad	General and Administration (ad)	\$45,801,653	\$27,844,966	\$6,325,895	\$10,983,714	\$74,279	\$388,497	\$5,013	\$179,289
dep	Depreciation and Amortization (dep)	\$57,001,044	\$29,780,962	\$8,208,373	\$18,339,353	\$142,009	\$394,153	\$7,008	\$129,185
INPUT	PILs (INPUT)	\$5,960,174	\$2,949,435	\$833,059	\$2,098,531	\$17,598	\$45,732	\$814	\$15,005
INT	Interest	\$29,569,940	\$14,632,897	\$4,133,016	\$10,411,345	\$87,310	\$226,889	\$4,039	\$74,444
Total Expenses		\$198,639,249	\$112,126,345	\$27,825,886	\$56,042,203	\$415,636	\$1,568,626	\$23,414	\$637,139
Direct Allocation		\$11,503	\$0	\$0	\$0	\$11,503	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$46,300,238	\$22,912,004	\$6,471,424	\$16,301,953	\$136,709	\$355,260	\$6,324	\$116,563
	Revenue Requirement (includes NI)	\$244,950,990	\$135,038,349	\$34,297,310	\$72,344,156	\$563,849	\$1,923,886	\$29,738	\$753,702
Rate Base Calculation									
Net Assets									
dp	Distribution Plant - Gross	\$1,685,741,646	\$859,555,036	\$234,704,905	\$569,585,968	\$4,408,514	\$12,993,045	\$233,228	\$4,260,952
gp	General Plant - Gross	\$247,492,731	\$124,164,744	\$34,357,925	\$85,603,029	\$701,067	\$1,981,915	\$35,608	\$648,444
accum dep	Accumulated Depreciation	(\$365,405,131)	(\$192,248,735)	(\$51,933,858)	(\$117,051,716)	(\$918,191)	(\$2,411,685)	(\$42,789)	(\$798,157)
co	Capital Contribution	(\$419,076,180)	(\$222,071,934)	(\$56,680,228)	(\$134,456,468)	(\$889,217)	(\$3,704,554)	(\$69,174)	(\$1,205,606)
Total Net Plant		\$1,148,753,065	\$569,399,111	\$160,448,744	\$403,680,813	\$3,302,172	\$8,858,720	\$157,872	\$2,905,633
Directly Allocated Net Fixed Assets		\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
COP	Cost of Power (COP)	\$1,172,471,696	\$373,065,537	\$142,952,278	\$637,679,916	\$10,489,014	\$6,085,092	\$52,957	\$2,146,902
	OM&A Expenses	\$106,108,091	\$64,763,052	\$14,651,439	\$25,192,974	\$168,719	\$901,852	\$11,552	\$418,505
Directly Allocated Expenses		\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
Subtotal		\$1,278,580,153	\$437,828,589	\$157,603,716	\$662,872,890	\$10,658,099	\$6,986,944	\$64,510	\$2,565,406
Working Capital		\$95,893,512	\$32,837,144	\$11,820,279	\$49,715,467	\$799,357	\$524,021	\$4,838	\$192,405
Total Rate Base		\$1,244,720,822	\$602,236,255	\$172,269,023	\$453,396,280	\$4,175,775	\$9,382,741	\$162,711	\$3,098,039
Rate Base Input equals Output									
Equity Component of Rate Base		\$497,888,329	\$240,894,502	\$68,907,609	\$181,358,512	\$1,670,310	\$3,753,096	\$65,084	\$1,239,215
Net Income on Allocated Assets		\$46,300,238	\$22,615,883	\$8,608,987	\$13,262,684	(\$40,682)	\$1,713,676	\$1,118	\$138,571
Net Income on Direct Allocation Assets		\$3,377	\$0	\$0	\$0	\$3,377	\$0	\$0	\$0
Net Income		\$46,303,615	\$22,615,883	\$8,608,987	\$13,262,684	(\$37,305)	\$1,713,676	\$1,118	\$138,571
RATIOS ANALYSIS									
REVENUE TO EXPENSES STATUS QUO%		100.00%	99.78%	106.23%	95.80%	68.54%	170.61%	82.49%	102.92%
EXISTING REVENUE MINUS ALLOCATED COSTS		(\$67,664,670)	(\$37,165,560)	(\$8,020,325)	(\$22,438,549)	(\$285,878)	\$446,999	(\$11,911)	(\$189,447)
Deficiency Input equals Output									
STATUS QUO REVENUE MINUS ALLOCATED COSTS		\$0	(\$296,121)	\$2,137,563	(\$3,039,269)	(\$177,391)	\$1,358,416	(\$5,206)	\$22,008
RETURN ON EQUITY COMPONENT OF RATE BASE		9.30%	9.39%	12.49%	7.31%	-2.23%	45.66%	1.72%	11.18%

2019 Cost Allocation Model

EB-2015-0003

Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

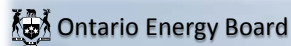
Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$5.77	\$13.76	\$45.27	\$366.49	\$0.62	\$0.77	\$3.56
\$9.37	\$21.17	\$74.21	\$514.67	\$1.09	\$1.37	\$6.26
\$19.69	\$30.42	\$102.64	\$720.18	\$2.79	\$8.33	\$14.22
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01



2020 Cost Allocation Model

EB-2015-0003

Sheet 16.1 Revenue Worksheet -

Total kWhs from Load Forecast	8,364,914,896
-------------------------------	---------------

Total kW from Load Forecast	12,407,159
-----------------------------	------------

Deficiency/sufficiency (RRWF 8. cell F51)	75,940,745
--	------------

Miscellaneous Revenue (RRWF 5. cell F48)	13,069,086
--	------------

			1	2	3	6	7	8	9
	ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data									
Forecast kWh	CEN	8,364,914,896	2,669,304,612	1,015,577,678	4,546,351,409	74,278,555	43,304,558	377,829	15,720,255
Forecast kW	CDEM	12,407,159			12,138,752	146,357	121,076	975	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		3,708,835			3,562,478	146,357			
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-							
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	8,411,546,941	2,713,502,642	1,020,971,584	4,549,129,870	74,278,555	37,566,265	377,820	15,720,206
Existing Monthly Charge			\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01
Existing Distribution kWh Rate			\$0.0140	\$0.0139					\$0.0159
Existing Distribution kW Rate					\$3.3278	\$1.4159	\$6.6546	\$8.0172	
Existing TOA Rate					\$0.60	\$0.60			
Additional Charges									
Distribution Revenue from Rates		\$167,927,111	\$90,632,689	\$24,734,193	\$49,427,975	\$350,417	\$2,236,980	\$16,284	\$528,572
Transformer Ownership Allowance		\$2,225,301	\$0	\$0	\$2,137,487	\$87,814	\$0	\$0	\$0
Net Class Revenue	CREV	\$165,701,810	\$90,632,689	\$24,734,193	\$47,290,488	\$262,603	\$2,236,980	\$16,284	\$528,572

2016 Cost Allocation Model

EB-2015-0003

Sheet I6.2 Customer Data Worksheet -

		1	2	3	6	7	8	9
ID	Total	Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data								
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498			
Number of Bills	CNB	4,717,490	4,203,822	407,119	65,227	24	441	1,343
Number of Devices	CDEV						94,661	
Number of Connections (Unmetered)	CCON	36,387					32,868	207
Total Number of Customers	CCA	393,139	350,319	33,927	5,436	2	43	101
Bulk Customer Base	CCB	393,139	350,319	33,927	5,436	2	43	101
Primary Customer Base	CCP	400,008	350,319	33,927	5,436	1	6,913	101
Line Transformer Customer Base	CCLT	399,611	350,319	33,927	5,039		6,913	101
Secondary Customer Base	CCS	355,457	339,202	14,760			24	101
Weighted - Services	CWCS	339,202	339,202	-	-	-	-	-
Weighted Meter -Capital	CWMC	103,555,605	68,234,470	21,658,764	13,608,372	54,000	-	-
Weighted Meter Reading	CWMR	6,134,831	4,502,159	436,049	1,194,315	2,309	-	-
Weighted Bills	CWNB	5,515,539	4,203,822	814,238	456,589	360	882	134

Bad Debt Data

Historic Year:	2012	1,043,927	676,110	77,416	290,401			
Historic Year:	2013	938,021	569,210	72,602	296,210			
Historic Year:	2014	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

2016 Cost Allocation Model

EB-2015-0003

Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12

Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes	Total	1	2	3	6	7	8	9		
		Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load		
CO-INCIDENT PEAK										
1 CP										
Transformation CP	TCP1	1,624,264	553,799	277,026	782,991	8,996	-	-	1,451	
Bulk Delivery CP	BCP1	1,624,264	553,799	277,026	782,991	8,996	-	-	1,451	
Total Sytem CP	DCP1	1,624,264	553,799	277,026	782,991	8,996	-	-	1,451	
4 CP										
Transformation CP	TCP4	6,059,191	1,994,441	986,494	3,039,624	32,972	-	-	5,660	
Bulk Delivery CP	BCP4	6,059,191	1,994,441	986,494	3,039,624	32,972	-	-	5,660	
Total Sytem CP	DCP4	6,059,191	1,994,441	986,494	3,039,624	32,972	-	-	5,660	
12 CP										
Transformation CP	TCP12	16,134,104	5,538,453	2,290,356	8,152,586	97,001	35,260	338	20,109	
Bulk Delivery CP	BCP12	16,134,104	5,538,453	2,290,356	8,152,586	97,001	35,260	338	20,109	
Total Sytem CP	DCP12	16,134,104	5,538,453	2,290,356	8,152,586	97,001	35,260	338	20,109	
NON CO INCIDENT PEAK										
1 NCP										
Classification NCP from Load Data Provider		DNCP1	1,769,859	643,497	277,026	821,977	12,083	12,286	132	2,857
Primary NCP		PNCP1	1,770,411	643,497	277,026	821,977	7,585	17,336	132	2,857
Line Transformer NCP		LTNCP1	1,507,765	643,497	277,026	566,916		17,336	132	2,857
Secondary NCP		SNCP1	643,628	643,497					132	
4 NCP										
Classification NCP from Load Data Provider		DNCP4	6,616,812	2,382,396	1,018,640	3,108,840	48,227	47,012	500	11,197
Primary NCP		PNCP4	6,593,969	2,382,396	1,018,640	3,108,840	25,384	47,012	500	11,197
Line Transformer NCP		LTNCP4	5,603,910	2,382,396	1,018,640	2,144,165		47,012	500	11,197
Secondary NCP		SNCP4	2,382,896	2,382,396					500	
12 NCP										
Classification NCP from Load Data Provider		DNCP12	17,683,552	6,277,910	2,494,887	8,623,139	141,870	114,775	1,167	29,804
Primary NCP		PNCP12	17,620,864	6,277,910	2,494,887	8,623,139	79,183	114,775	1,167	29,804
Line Transformer NCP		LTNCP12	14,865,914	6,277,910	2,494,887	5,947,371		114,775	1,167	29,804
Secondary NCP		SNCP12	6,279,077	6,277,910					1,167	

2020 Cost Allocation Model

EB-2015-0003
Sheet 01 Revenue to Cost Summary Worksheet -
Instructions:

Please see the first tab in this workbook for detailed instructions

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base	Total	1 Residential	2 GS <50	3 GS>50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
Assets								
crev								
mi								
Distribution Revenue at Existing Rates	\$165,701,810	\$90,632,689	\$24,734,193	\$47,290,488	\$262,603	\$2,236,980	\$16,284	\$528,572
Miscellaneous Revenue (mi)	\$13,069,086	\$3,396,616	\$1,616,588	\$2,829,433	\$14,674	\$159,264	\$1,544	\$51,967
Total Revenue at Existing Rates	\$178,770,895	\$94,029,305	\$26,350,781	\$50,119,921	\$277,277	\$2,396,244	\$17,828	\$580,539
Factor required to recover deficiency (1 + D)	1.4583							
Distribution Revenue at Status Quo Rates	\$241,642,355	\$132,169,435	\$36,069,815	\$69,963,606	\$382,954	\$3,262,183	\$23,747	\$770,815
Miscellaneous Revenue (mi)	\$13,069,086	\$3,396,616	\$1,616,588	\$2,829,433	\$14,674	\$159,264	\$1,544	\$51,967
Total Revenue at Status Quo Rates	\$254,711,441	\$140,566,051	\$37,686,403	\$71,792,039	\$397,628	\$3,421,447	\$25,291	\$822,782
Expenses								
di								
cu								
ad								
dep								
INPUT								
INT								
Distribution Costs (di)	\$32,680,032	\$16,001,571	\$4,397,288	\$11,818,698	\$93,323	\$277,589	\$4,637	\$86,926
Customer Related Costs (cu)	\$29,172,292	\$21,784,474	\$4,117,187	\$2,855,701	\$3,892	\$246,994	\$2,003	\$162,041
General and Administration (ad)	\$46,375,655	\$28,133,353	\$6,387,021	\$11,198,527	\$75,460	\$392,009	\$5,027	\$184,257
Depreciation and Amortization (dep)	\$60,139,114	\$31,323,101	\$9,656,291	\$19,446,907	\$149,643	\$414,624	\$7,331	\$139,217
Pills (INPUT)	\$6,197,619	\$3,054,011	\$864,526	\$2,196,232	\$18,281	\$47,713	\$844	\$16,012
Interest	\$31,232,328	\$15,390,408	\$4,356,701	\$11,067,709	\$92,123	\$240,445	\$4,252	\$80,690
Total Expenses	\$205,797,039	\$115,686,918	\$28,781,014	\$58,583,774	\$432,722	\$1,619,373	\$24,094	\$669,143
Direct Allocation	\$11,419	\$0	\$0	\$0	\$11,419	\$0	\$0	\$0
NI								
Allocated Net Income (NI)	\$48,903,183	\$24,098,106	\$6,821,667	\$17,329,678	\$144,245	\$376,485	\$6,658	\$126,344
Revenue Requirement (includes NI)	\$254,711,441	\$139,785,024	\$35,602,682	\$75,913,452	\$588,386	\$1,995,858	\$30,752	\$795,487
Revenue Requirement Input equals Output								
Rate Base Calculation								
Net Assets								
dp								
ap								
accum dep								
co								
Distribution Plant - Gross	\$1,820,880,640	\$925,696,964	\$253,328,387	\$618,163,771	\$4,755,679	\$13,985,722	\$249,647	\$4,700,469
General Plant - Gross	\$263,610,090	\$131,684,102	\$36,548,421	\$91,767,043	\$746,123	\$2,109,787	\$37,677	\$706,936
Accumulated Depreciation	(\$424,942,783)	(\$222,603,282)	(\$60,361,904)	(\$137,095,962)	(\$1,068,500)	(\$2,809,698)	(\$49,648)	(\$953,769)
Capital Contribution	(\$442,646,040)	(\$234,228,614)	(\$59,862,907)	(\$142,375,395)	(\$933,143)	(\$3,877,960)	(\$71,121)	(\$1,296,944)
Total Net Plant	\$1,216,901,898	\$600,559,170	\$169,651,907	\$430,459,523	\$3,500,158	\$9,407,851	\$166,556	\$3,156,643
Directly Allocated Net Fixed Assets	\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
COP								
Cost of Power (COP)	\$1,194,640,335	\$385,009,270	\$145,005,725	\$646,371,949	\$10,554,593	\$5,411,352	\$53,686	\$2,233,759
OM&A Expenses	\$108,227,976	\$65,919,398	\$14,901,486	\$25,872,927	\$172,675	\$916,591	\$11,667	\$433,224
Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
Subtotal	\$1,302,868,679	\$450,928,668	\$159,907,221	\$672,244,875	\$10,727,634	\$6,327,943	\$65,353	\$2,666,983
Working Capital	\$97,715,151	\$33,819,650	\$11,993,042	\$50,418,366	\$804,573	\$474,596	\$4,902	\$200,024
Total Rate Base	\$1,314,691,294	\$634,378,820	\$181,645,039	\$480,877,889	\$4,378,976	\$9,882,447	\$171,458	\$3,356,667
Rate Base Input equals Output								
Equity Component of Rate Base	\$525,876,518	\$253,751,528	\$72,658,016	\$192,351,156	\$1,751,590	\$3,952,979	\$68,583	\$1,342,667
Net Income on Allocated Assets	\$48,903,183	\$24,879,133	\$8,905,389	\$13,208,265	(\$46,513)	\$1,802,074	\$1,196	\$153,639
Net Income on Direct Allocation Assets	\$3,333	\$0	\$0	\$0	\$3,333	\$0	\$0	\$0
Net Income	\$48,906,516	\$24,879,133	\$8,905,389	\$13,208,265	(\$43,180)	\$1,802,074	\$1,196	\$153,639
RATIOS ANALYSIS								
REVENUE TO EXPENSES STATUS QUO%	100.00%	100.56%	105.85%	94.57%	67.58%	171.43%	82.24%	103.43%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$75,940,745)	(\$40,755,719)	(\$9,251,900)	(\$25,794,531)	(\$311,108)	\$400,386	(\$12,925)	(\$214,948)
Deficiency Input equals Output								
STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$781,027	\$2,083,722	(\$4,121,413)	(\$190,758)	\$1,425,589	(\$5,452)	\$27,295
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	9.80%	12.26%	6.87%	-2.47%	45.59%	1.74%	11.44%



Ontario Energy Board

2020 Cost Allocation Model

EB-2015-0003

Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS <50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$5.82	\$13.92	\$45.94	\$371.16	\$0.62	\$0.77	\$3.57
\$9.36	\$21.19	\$74.30	\$515.18	\$1.09	\$1.36	\$6.24
\$19.84	\$30.64	\$103.15	\$743.86	\$2.82	\$8.50	\$14.40
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

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File Number: EB-2015-003

Exhibit: A

Tab: 2

Schedule: 9

Page: 1 of 1

Date: August 21, 2015

**Appendix 2-JA
Summary of Recoverable OM&A Expenses**

	2012 Actuals	Last Board-Approved Rebasings Year 2013	Last Rebasings Year 2013 Actuals	2014 Actuals	2015 Bridge Year	2016 TEST YEAR 1	2017 TEST YEAR 2	2018 TEST YEAR 3	2019 TEST YEAR 4	2020 TEST YEAR 5
Reporting Basis	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Operations	\$ 12,468	\$ 12,773	\$ 12,240	\$ 13,211	\$ 13,955	\$ 14,797	\$ 15,369	\$ 15,750	\$ 16,128	\$ 16,346
Maintenance	\$ 19,409	\$ 19,091	\$ 20,030	\$ 20,167	\$ 21,450	\$ 22,601	\$ 23,558	\$ 24,402	\$ 25,209	\$ 26,161
SubTotal	\$ 31,877	\$ 31,864	\$ 32,270	\$ 33,379	\$ 35,405	\$ 37,398	\$ 38,926	\$ 40,152	\$ 41,336	\$ 42,507
%Change (year over year)			1.2%	3.4%	6.1%	5.6%	4.1%	3.2%	2.9%	2.8%
%Change (Test Year vs Last Rebasings Year - Actual)						15.9%	20.6%	24.4%	28.1%	31.7%
Billing and Collecting	\$ 13,315	\$ 14,124	\$ 13,642	\$ 16,089	\$ 16,711	\$ 17,282	\$ 20,441	\$ 20,685	\$ 21,090	\$ 21,508
Community Relations	\$ 1,500	\$ 1,399	\$ 1,431	\$ 1,740	\$ 1,806	\$ 2,124	\$ 2,194	\$ 2,221	\$ 2,250	\$ 2,276
Administrative and General	\$ 36,101	\$ 35,554	\$ 33,506	\$ 34,246	\$ 38,635	\$ 39,413	\$ 40,248	\$ 40,665	\$ 41,433	\$ 41,937
SubTotal	\$ 50,915	\$ 51,077	\$ 48,579	\$ 52,075	\$ 57,152	\$ 58,818	\$ 62,882	\$ 63,571	\$ 64,772	\$ 65,721
%Change (year over year)			-4.6%	7.2%	9.7%	2.9%	6.9%	1.1%	1.9%	1.5%
%Change (Test Year vs Last Rebasings Year - Actual)						21.1%	29.4%	30.9%	33.3%	35.3%
Total	\$ 82,792	\$ 82,941	\$ 80,849	\$ 85,454	\$ 92,558	\$ 96,216	\$ 101,808	\$ 103,724	\$ 106,109	\$ 108,228
%Change (year over year)			-2.3%	5.7%	8.3%	4.0%	5.8%	1.9%	2.3%	2.0%

Note 4)

	2012 Actuals	Last Board-Approved Rebasings Year 2013	Last Rebasings Year 2013 Actuals	2014 Actuals	2015 Bridge Year	2016 TEST YEAR 1	2017 TEST YEAR 2	2018 TEST YEAR 3	2019 TEST YEAR 4	2020 TEST YEAR 5
Operations	\$ 12,468	\$ 12,773	\$ 12,240	\$ 13,211	\$ 13,955	\$ 14,797	\$ 15,369	\$ 15,750	\$ 16,128	\$ 16,346
Maintenance	\$ 19,409	\$ 19,091	\$ 20,030	\$ 20,167	\$ 21,450	\$ 22,601	\$ 23,558	\$ 24,402	\$ 25,209	\$ 26,161
Billing and Collecting	\$ 13,315	\$ 14,124	\$ 13,642	\$ 16,089	\$ 16,711	\$ 17,282	\$ 20,441	\$ 20,685	\$ 21,090	\$ 21,508
Community Relations	\$ 1,500	\$ 1,399	\$ 1,431	\$ 1,740	\$ 1,806	\$ 2,124	\$ 2,194	\$ 2,221	\$ 2,250	\$ 2,276
Administrative and General	\$ 36,101	\$ 35,554	\$ 33,506	\$ 34,246	\$ 38,635	\$ 39,413	\$ 40,248	\$ 40,665	\$ 41,433	\$ 41,937
Total	\$ 82,792	\$ 82,941	\$ 80,849	\$ 85,454	\$ 92,558	\$ 96,216	\$ 101,808	\$ 103,724	\$ 106,109	\$ 108,228
%Change (year over year)			-2.3%	5.7%	8.3%	4.0%	5.8%	1.9%	2.3%	2.0%

Note 4)

	2012 Actuals	Last Board-Approved Rebasings Year 2013	Last Rebasings Year 2013 Actuals	Variance 2013 BA vs. 2013 Actuals	2014 Actuals	Variance 2014 Actuals vs. 2013 Actuals	2015 Bridge Year	Variance 2015 Bridge vs. 2014 Actuals	2016 TEST YEAR 1	Variance 2016 TEST 1 vs. 2015 Bridge	2017 TEST YEAR 2	Variance 2017 TEST 2 vs. 2016 TEST 1	2018 TEST YEAR 3	Variance 2018 TEST 3 vs. 2017 TEST 2	2019 TEST YEAR 4	Variance 2019 TEST 4 vs. 2018 TEST 3	2020 TEST YEAR 5	Variance 2020 TEST 5 vs. 2019 TEST 4
Operations	\$ 12,468	\$ 12,773	\$ 12,240	\$ 532	\$ 13,211	\$ 971	\$ 13,955	\$ 744	\$ 14,797	\$ 842	\$ 15,369	\$ 571	\$ 15,750	\$ 382	\$ 16,128	\$ 378	\$ 16,346	\$ 218
Maintenance	\$ 19,409	\$ 19,091	\$ 20,030	\$ 938	\$ 20,167	\$ 138	\$ 21,450	\$ 1,283	\$ 22,601	\$ 1,151	\$ 23,558	\$ 957	\$ 24,402	\$ 845	\$ 25,209	\$ 806	\$ 26,161	\$ 953
Billing and Collecting	\$ 13,315	\$ 14,124	\$ 13,642	\$ 482	\$ 16,089	\$ 2,447	\$ 16,711	\$ 622	\$ 17,282	\$ 571	\$ 20,441	\$ 3,159	\$ 20,685	\$ 245	\$ 21,090	\$ 405	\$ 21,508	\$ 418
Community Relations	\$ 1,500	\$ 1,399	\$ 1,431	\$ 33	\$ 1,740	\$ 309	\$ 1,806	\$ 66	\$ 2,124	\$ 318	\$ 2,194	\$ 70	\$ 2,221	\$ 27	\$ 2,250	\$ 28	\$ 2,276	\$ 26
Administrative and General	\$ 36,101	\$ 35,554	\$ 33,506	\$ 2,048	\$ 34,246	\$ 740	\$ 38,635	\$ 4,389	\$ 39,413	\$ 778	\$ 40,248	\$ 835	\$ 40,665	\$ 417	\$ 41,433	\$ 768	\$ 41,937	\$ 504
Total OM&A Expenses	\$ 82,792	\$ 82,941	\$ 80,849	\$ 2,092	\$ 85,454	\$ 4,605	\$ 92,558	\$ 7,104	\$ 96,216	\$ 3,659	\$ 101,808	\$ 5,592	\$ 103,724	\$ 1,916	\$ 106,109	\$ 2,385	\$ 108,228	\$ 2,120
Adjustments for Total non-recoverable items (from Appendices 2-JA and 2-JB)																		
Total Recoverable OM&A Expenses	\$ 82,792	\$ 82,941	\$ 80,849	\$ 2,092	\$ 85,454	\$ 4,605	\$ 92,558	\$ 7,104	\$ 96,216	\$ 3,659	\$ 101,808	\$ 5,592	\$ 103,724	\$ 1,916	\$ 106,109	\$ 2,385	\$ 108,228	\$ 2,120
Variance from previous year		Note 4)	\$ -1,943		\$ 4,605		\$ 7,104		\$ 3,659		\$ 5,592		\$ 1,916		\$ 2,385		\$ 2,120	
Percent change (year over year)			-2.3%		5.7%		8.3%		4.0%		5.8%		1.9%		2.3%		2.0%	
Percent Change:																		
Test year vs. Most Current Actual																		
Simple average of % variance for all years									12.6%		19.1%		21.4%		24.2%		26.7%	
Compound Annual Growth Rate for all years																		3.45%
Compound Growth Rate																		3.41%
2015 Bridge vs. 2012 Actuals										3.79%								

Note:

- "BA" = Board-Approved
- 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.
- 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.
- OEB 2013 Approved Budget is \$ 80,000. Difference of \$ 2,941 relates to Joint Services Costs included in OM&A. The Revenue for Joint Services is included in Other Income.

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**Appendix 2-JB
Recoverable OM&A Cost Driver Table**

Total OM&A (000's)	2013 Actual	2014 Actual	2015 Bridge Year	2016 Test Year	2017 Test Year	2018 Test Year	2019 Test Year	2020 Test Year	2013 Actuals to 2015 Bridge Year	2016 to 2020 Test Years
Opening Balance *	\$ 82,941	\$ 80,849	\$ 85,454	\$ 92,558	\$ 96,216	\$ 101,808	\$ 103,724	\$ 106,109	\$ 82,941	\$ 92,558
Compensation	(204)	538	2,508	1,136	267	745	787	901	2,842	3,837
Asset Management	(922)	1,949	579	472	578	364	416	369	1,605	2,199
Vegetation Management	1,872	(1,565)	403	614	526	531	536	542	710	2,749
Customer Information System Implementation	-	1,349	1,310	(122)	(158)	(182)	1	1	2,659	(460)
Risk Management	(109)	330	757	518	485	(36)	138	(103)	978	1,002
Growth	(73)	59	144	369	140	232	87	106	131	935
Customer Expectation	95	754	(248)	58	25	25	25	25	602	158
Compliance	(361)	262	185	132	3,714	126	129	139	86	4,240
Other	(2,390)	929	1,464	482	15	110	265	139	4	1,011
Closing Balance	\$ 80,849	\$ 85,454	\$ 92,558	\$ 96,216	\$ 101,808	\$ 103,724	\$ 106,109	\$ 108,228	\$ 92,558	\$ 108,228

* OEB 2013 Approved Budget is \$ 80,000. Difference of \$ 2,941 relates to Joint Services Costs included in OM&A. The Revenue for Joint Services is included in Other Income.

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Appendix 2-JC
OM&A Programs Table

Programs (000's)	Last Rebasings Year (2013 Board- Approved)**	Last Rebasings Year (2013 Actual)	2014 Actual	2015 Bridge Year	2016 Test Year	2017 Test Year	2018 Test Year	2019 Test Year	2020 Test Year	Variance 2016 Test Year vs. Last rebasings year (2013 Board -Approved)	Variance 2017 Test Year vs. 2016 Test Year	Variance (2018 Test Year vs. 2017 Test Year)	Variance (2019 Test Year vs. 2018 Test Year)	Variance (2020 Test Year vs. 2019 Test Year)
Asset Management														
Smart Grid	\$ -	\$ -	\$ -	\$ -	\$ 463	\$ 469	\$ 475	\$ 481	\$ 488	\$ 463	\$ 6	\$ 6	\$ 6	\$ 7
System Control	\$ 3,343	\$ 3,408	\$ 3,653	\$ 3,837	\$ 3,954	\$ 4,233	\$ 4,393	\$ 4,561	\$ 4,559	\$ 611	\$ 279	\$ 160	\$ 168	\$ (2)
Lines	\$ 12,046	\$ 13,919	\$ 13,040	\$ 14,161	\$ 15,172	\$ 15,898	\$ 16,783	\$ 17,488	\$ 18,301	\$ 3,126	\$ 725	\$ 885	\$ 705	\$ 813
Protection and Control	\$ 1,512	\$ 1,327	\$ 1,353	\$ 1,464	\$ 1,390	\$ 1,425	\$ 1,347	\$ 1,411	\$ 1,443	\$ (122)	\$ 35	\$ (78)	\$ 64	\$ 33
Stations	\$ 2,055	\$ 1,795	\$ 2,079	\$ 2,174	\$ 2,238	\$ 2,298	\$ 2,359	\$ 2,422	\$ 2,481	\$ 183	\$ 60	\$ 61	\$ 63	\$ 58
Metering	\$ 3,478	\$ 2,988	\$ 3,696	\$ 3,652	\$ 3,800	\$ 3,937	\$ 3,913	\$ 3,887	\$ 3,936	\$ 322	\$ 137	\$ (24)	\$ (26)	\$ 49
Asset Investment Planning	\$ 2,986	\$ 2,718	\$ 3,024	\$ 3,301	\$ 3,392	\$ 3,516	\$ 3,597	\$ 3,662	\$ 3,735	\$ 405	\$ 124	\$ 81	\$ 65	\$ 73
Engineering Design Distribution	\$ 3,983	\$ 3,758	\$ 3,948	\$ 4,040	\$ 4,149	\$ 4,255	\$ 4,337	\$ 4,420	\$ 4,505	\$ 166	\$ 105	\$ 83	\$ 83	\$ 85
Engineering and Operations Strategy	\$ 2,460	\$ 2,356	\$ 2,587	\$ 2,777	\$ 2,839	\$ 2,896	\$ 2,948	\$ 3,003	\$ 3,059	\$ 379	\$ 57	\$ 52	\$ 55	\$ 56
Subtotal	\$ 31,864	\$ 32,270	\$ 33,379	\$ 35,405	\$ 37,398	\$ 38,926	\$ 40,152	\$ 41,336	\$ 42,507	\$ 5,534	\$ 1,528	\$ 1,226	\$ 1,184	\$ 1,171
Finance														
Rates and Regulatory Affairs	\$ 2,778	\$ 2,363	\$ 3,074	\$ 3,259	\$ 3,034	\$ 3,061	\$ 3,115	\$ 3,080	\$ 3,134	\$ 256	\$ 27	\$ 54	\$ (35)	\$ 54
Customer Service	\$ 14,124	\$ 13,642	\$ 16,089	\$ 16,711	\$ 17,282	\$ 20,441	\$ 20,685	\$ 21,090	\$ 21,508	\$ 3,157	\$ 3,159	\$ 245	\$ 405	\$ 418
Corporate Finance and Reporting	\$ 5,386	\$ 5,124	\$ 5,138	\$ 5,701	\$ 6,049	\$ 6,183	\$ 6,308	\$ 6,534	\$ 6,589	\$ 662	\$ 134	\$ 125	\$ 226	\$ 55
Subtotal	\$ 22,289	\$ 21,129	\$ 24,301	\$ 25,672	\$ 26,364	\$ 29,685	\$ 30,108	\$ 30,704	\$ 31,232	\$ 4,075	\$ 3,320	\$ 423	\$ 596	\$ 528
Corporate Services														
Supply Chain Services	\$ 5,812	\$ 5,514	\$ 5,737	\$ 5,979	\$ 6,277	\$ 6,351	\$ 6,424	\$ 6,493	\$ 6,559	\$ 466	\$ 73	\$ 73	\$ 69	\$ 65
Information Services	\$ 6,904	\$ 6,458	\$ 6,061	\$ 9,132	\$ 9,085	\$ 9,260	\$ 9,256	\$ 9,454	\$ 9,484	\$ 2,181	\$ 175	\$ (3)	\$ 197	\$ 30
Corporate Communications	\$ 1,399	\$ 1,431	\$ 1,740	\$ 1,806	\$ 2,124	\$ 2,194	\$ 2,221	\$ 2,250	\$ 2,276	\$ 725	\$ 70	\$ 27	\$ 28	\$ 26
Legal	\$ 479	\$ 385	\$ 351	\$ 513	\$ 639	\$ 737	\$ 761	\$ 787	\$ 808	\$ 160	\$ 99	\$ 24	\$ 26	\$ 21
Human Resources and Organizational Effectiveness	\$ 4,870	\$ 5,037	\$ 5,125	\$ 5,458	\$ 5,669	\$ 5,736	\$ 5,776	\$ 5,883	\$ 5,982	\$ 799	\$ 67	\$ 40	\$ 106	\$ 100
Corporate	\$ 5,588	\$ 4,968	\$ 5,667	\$ 5,364	\$ 5,318	\$ 5,434	\$ 5,543	\$ 5,646	\$ 5,750	\$ (270)	\$ 116	\$ 109	\$ 102	\$ 105
Strategic Direction	\$ 3,736	\$ 3,655	\$ 3,092	\$ 3,227	\$ 3,342	\$ 3,485	\$ 3,482	\$ 3,557	\$ 3,630	\$ (394)	\$ 143	\$ (4)	\$ 75	\$ 73
Subtotal	\$ 28,788	\$ 27,450	\$ 27,774	\$ 31,480	\$ 32,454	\$ 33,197	\$ 33,464	\$ 34,068	\$ 34,489	\$ 3,666	\$ 743	\$ 267	\$ 605	\$ 421
Total	\$ 82,941	\$ 80,849	\$ 85,454	\$ 92,558	\$ 96,216	\$ 101,808	\$ 103,724	\$ 106,109	\$ 108,228	\$ 13,275	\$ 5,592	\$ 1,916	\$ 2,385	\$ 2,120

** OEB 2013 Approved Budget is \$ 80,000. Difference of \$ 2,941 relates to Joint Services Costs included in OM&A. The Revenue for Joint Services is included in Other Income.

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
- 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

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Appendix 2-L

Recoverable OM&A Cost per Customer and per FTE

	Last Rebasing Year 2013 Board Approved*	Last Rebasing Year 2013 Actual	2014 Actual	2015 Bridge Year	2016 Test Year	2017 Test Year	2018 Test Year	2019 Test Year	2020 Test Year
Number of Customers	350,482	349,797	356,461	362,543	368,663	374,990	381,372	387,845	394,508
Total Recoverable OM&A from	\$ 82,941	\$ 80,849	\$ 85,454	\$ 92,558	\$ 96,216	\$ 101,808	\$ 103,724	\$ 106,109	\$ 108,228
OM&A cost per customer	\$ 236.65	\$ 231.13	\$ 239.73	\$ 255.30	\$ 260.99	\$ 271.50	\$ 271.98	\$ 273.59	\$ 274.34
Number of FTEs**	550.65	533.1	544.09	567.45	566.87	561.87	562.87	564.87	562.87
Customers/FTEs	636.49	656.16	655.15	638.90	650.35	667.40	677.55	686.61	700.89
OM&A Cost per FTE	150.62	151.66	157.06	163.11	169.73	181.20	184.28	187.85	192.28

* OEB 2013 Approved Budget is \$ 80,000,000. Difference of \$ 2,941,000 relates to Joint Services Costs included in OM&A. The Revenue for Joint Services is included in Other Income.

** FTE does not include reduction for shared services employees