

August 15, 2016

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street
26th Floor, Box 2319
Toronto, ON M4P 1E4

Dear Ms. Walli,

**Re: PowerStream Inc. (Licence ED-2004-0420)
2016 -2020 Electricity Distribution Rate Application EB-2015-0003
Draft Rate Order**

Pursuant to the Ontario Energy Board (OEB) Decision and Order dated August 4, 2016, PowerStream attaches two copies of the draft rate order and proposed Tariff of Rates and Charges for 2016 and 2017 reflecting the OEB's findings.

An electronic copy of the draft rate order has been filed on RESS and forwarded to the intervenors.

Yours truly,

Original signed by

Tom Barrett
Manager, Rate Applications

PowerStream Inc.

EB-2015-0003

2016 – 2020 Custom IR Rate Application

Draft Rate Order for

Rates Effective January 1, 2016

(Implementation October 1, 2016)

and

Rates Effective January 1, 2017

Filed: August 15, 2016

Table of Contents

I. Introduction	3
II. Summary.....	4
III. Rate Base and Revenue Requirement Calculation.....	7
IV. Rate Design	11

Schedules

- Schedule A – Draft Tariff of Rates and Charges effective January 1, 2016
(implemented October 1, 2016)
- Schedule B – Draft Tariff of Rates and Charges effective January 1, 2017
- Schedule C – Bill Impacts
- Schedule D – 2017 OEB Revenue Requirement Work Forms
- Schedule E – 2017 Income Tax / PILs Work form
- Schedule F – 2017 Revenue Validation
- Schedule G – 2016 Price Cap Rate Adjustment
- Schedule H – EDDVAR Continuity Schedule and Rate Riders
- Schedule I – Cost Allocation
- Schedule J – Foregone Revenue Calculations
- Schedule K - ICM True-up Model
- Schedule L - Chapter 2 Appendix 2-PA new Rate Design Policy for Residential
Customers
- Schedule M – Fixed Asset Continuity Schedules
- Schedule N – 2016 OEB Revenue Requirement Work Forms

I. Introduction

PowerStream Inc. (“PowerStream”) submits the following Draft Rate Order (“DRO”), including Proposed 2016 Tariff of Rates and Charges (Schedule A) and Proposed 2017 Tariff of Rates and Charges (Schedule B), as directed by the Ontario Energy Board (the “Board”) in its Decision dated August 4, 2016.

There was a full Oral Hearing on all issues on November 20, 23 and 26, 2015. The Board heard PowerStream’s Examination-in-Chief, Cross-Examination by Board Counsel and Intervenors and Re-examination by PowerStream’s Counsel. At the conclusion of the hearing, the Board directed that the proceeding would continue by way of written submissions. PowerStream filed its Argument-in-Chief on December 14, 2015, Board Staff submissions were filed on January 13, 2016 and Intervenor submissions were filed January 14 and 15, 2016. PowerStream’s Reply Argument was filed January 29, 2016.

The DRO reflects the Board’s Decision on the issues.

Changes resulting from the Board Decision are discussed in the following sections.

PowerStream’s rates were declared interim as of January 1, 2016. The Decision states that PowerStream’s new 2016 rates will be effective January 1, 2016 and implemented October 1, 2016 and that new 2017 rates will be effective and implemented January 1, 2017. PowerStream has calculated a “Foregone Distribution Revenue” rate rider to adjust for the difference in revenue requirement under the 2016 approved rates compared to the interim rates for the period from the effective date to the implementation. See Section IV Rate Design, Effective and Implementation Dates for Rates – Foregone Revenues, for further details.

The Appendices listed in the table of contents above and referenced in this document, are being filed electronically the DRO.

The following have not changed from the filed evidence and are not reproduced:

- Low Voltage Charges for 2017 (August 21, 2015 Application Update)
- Retail Transmission Rates for 2017 (August 21, 2015 Application Update)
- Loss Factors for 2017 (May 22, 2015 Application)

II. Summary

This DRO reflects the Board's Decision. Changes from the Application update filed August 21, 2015, arising from the Board's Decision and are as follows:

- Rates for 2016 are calculated from the approved 2015 rates adjusted for the approved price cap adjustment of 1.8% increase;
- The revenue requirement for 2017 has been adjusted to reflect the approved OM&A level of \$96.2 million and approved capital expenditures amount of \$115.8 million;
- PowerStream has adjusted the Deferral and Variance account amounts for disposition and associated rate riders to:
 - Separate Wholesale Market Participants as per the OEB's new EDDVAR model;
 - Update interest at the Board's prescribed interest rate of 1.10% for April 1, 2015 to September 30, 2016;
 - Remove the claim for peak demand savings;
- Rates for 2018 onwards will be determined under the Board's Price Cap Incentive Regulation and ICM; and
- Renewable Generation Connection Rate Protection (RGCRP) for 2016 and 2017 approved as claimed. See section III, subsection "Renewable Generation Connection Rate Protection (RGCRP)" for details of the amounts for approval.

Low voltage and transmission rates and loss factors have been approved as filed and have been included in the Draft Tariffs of Rates and Charges effective January 1, 2017. No changes to these charges were made to the 2016 rates.

Rate Base and Revenue Requirement Impact:

The impact of the Board's Decision on rate base and revenue requirement for PowerStream's 2017 test year is summarized in Table 1 below.

Table 1: PowerStream 2017 Rate Base and Revenue Requirement Summary (\$ millions)

	Draft Rate Order	August 21, 2015 Update	Increase (Decrease)
Rate Base	\$1,086.0	\$1,091.8	(\$5.8)
Revenue Requirement	\$204.3	\$210.3	(\$6.0)

This is discussed further in Section III, Rate Base and Revenue Requirement Calculation.

The approved 2017 revenue requirement of \$204.3 million is allocated between customer classes based on the Board's Cost Allocation Methodology as discussed below in Section IV under Cost Allocation.

PowerStream has completed the OEB Revenue Requirement Work Form (Schedule D) and the revenue validation table (Schedule F).

Bill Impacts:

Tables 2 and 3 show the monthly distribution and total bill impacts for typical customers for 2016 and 2017.

Table 2: 2016 and 2017 Monthly Bill Impacts – Distribution Charges

Customer Class	Billing	Consumption per Customer (kWh)	Load per Customer (kW)	Distribution Component	
	Determinant			2016	2017
Residential	kWh	750		6.7%	13.6%
GS<50 kW	kWh	2,000		7.7%	12.5%
GS>50 kW	kW	80,000	250	20.3%	14.8%
Large Use	kW	2,800,000	7,350	7.2%	29.3%
Unmetered Scattered Load	kWh	150		7.1%	15.4%
Sentinel Lights	kW	180		(4.2%)	18.1%
Street Lighting	kW	280		14.1%	(11.4%)
Average				8.4%	13.2%

Table 3: 2016 and 2017 Monthly Bill Impacts – Total Bill

Customer Class	Billing	Consumption per Customer (kWh)	Load per Customer (kW)	Total Bill	
	Determinant			2016	2017
Residential	kWh	750		1.5%	3.5%
GS<50 kW	kWh	2,000		1.5%	2.8%
GS>50 kW	kW	80,000	250	1.6%	1.8%
Large Use	kW	2,800,000	7,350	0.3%	1.9%
Unmetered Scattered Load	kWh	150		2.2%	5.1%
Sentinel Lights	kW	180		(1.3%)	5.7%
Street Lighting	kW	280		2.4%	0.3%
Average				1.2%	3.0%

Total bill impacts are below the OEB's threshold of 10%.

See Schedule C for the detailed bill impact calculations.

III. Rate Base and Revenue Requirement Calculation

The impact of the Board Decision on PowerStream's 2017 rate base and revenue requirement is shown and discussed below.

Rate Base:

Changes to PowerStream's rate base are shown in Table 4 below.

Table 4: PowerStream 2017 Rate Base (\$ Millions)

	Draft Rate Order	Aug. 21, 2015 Update	Change*
Net Fixed Assets (NFA) - beginning	\$956.7	\$956.7	\$0.0
+ Capital spending	\$115.8	\$131.6	(\$15.8)
+ Opening WIP	\$57.4	\$57.4	\$0.0
- Closing WIP	(\$40.0)	(\$44.6)	\$4.7
- Amortization	(\$52.5)	(\$52.8)	\$0.3
- Dispositions at net book value	(\$2.0)	(\$2.0)	\$0.0
= Net Fixed Assets (NFA) - year end	\$1,035.4	\$1,046.3	(\$10.8)
Average NFA for Rate Base	\$996.1	\$1,001.5	(\$5.4)
Cost of Power	\$1,101.9	\$1,101.9	\$0.0
Distribution Expenses	\$96.2	\$101.8	(\$5.6)
	\$1,198.1	\$1,203.7	(\$5.6)
Working Capital Allowance 7.50%	\$89.9	\$90.3	(\$0.4)
Rate Base	\$1,085.9	\$1,091.8	(\$5.8)

* Minor differences may result from rounding

The decrease in closing NFA of \$10.8 is the result of a decrease in capital spending of \$15.8 million, less a reduction in work-in-progress (WIP) of \$4.7 million, for a net reduction in capital additions of \$11.1 million. The lower capital additions result in lower depreciation expense and a decrease in accumulated amortization of \$0.3 million, which reduces the change in closing net book value from \$11.1 million to \$10.8 million. The effect of averaging results in a reduction in Average NFA of \$5.4 million.

WIP in the Application is forecast based on a historical analysis of the relationship between the amount of capital work done in a year and the amount of WIP at year end.

A reduction of capital work of \$15.8 million results in a forecast of year end WIP of \$40.0 million, a reduction of \$4.7 million.

A reduction in approved OM&A of \$5.6 million, at the working capital allowance (WCA) factor of 7.5%, results in a decrease in WCA of \$0.4 million.

The combined effect of the reduction in the approved level of 2017 capital spending and OM&A is a reduction in rate base of \$5.8 million.

Revenue Requirement:

Changes to PowerStream's revenue requirement are shown in Table 5 below.

Table 5: Summary of 2017 Revenue Requirement (\$ Millions)

	Draft Rate Order	Aug. 21, 2015 Update	Change*
OM&A Expenses	\$96.2	\$101.8	(\$5.6)
Depreciation	\$51.2	\$51.5	(\$0.3)
Target Net Income	\$40.4	\$40.6	(\$0.2)
Interest	\$25.6	\$25.8	(\$0.2)
Taxes	\$3.6	\$3.4	\$0.2
Service Revenue Requirement	\$217.0	\$223.0	(\$6.0)
Revenue offsets	(\$12.7)	(\$12.7)	\$0.0
Base Revenue Requirement	\$204.3	\$210.3	(\$6.0)

* Minor differences may result from rounding

OM&A expenses for 2017 are reduced by \$5.6 million to \$96.2 million. This amount has been calculated based on the 2015 budgeted OM&A of \$92.6 million plus 3.9% as directed in the Decision.

Depreciation expense is reduced by \$0.3 million due to application of half-year depreciation on the reduction in 2017 capital additions of \$11.1 million. Amortization expense for 2017 in the amount of \$50.0 million (addition to Accumulated Depreciation less amounts re-allocated to other costs) can be found on the Fixed Asset Continuity Schedule for 2017 attached as Schedule M. This is a reduction from the amount of \$50.3 million on corresponding schedule filed August 21, 2015.

The reduction in target net income of \$0.2 million results from the reduction in deemed equity of 40% of the reduction in rate base of \$5.8 million times the 2017 ROE of 9.30% in the Application.

The reduction in deemed interest expense of \$0.2 million results from the reduction in deemed debt of 60% of the reduction in rate base of \$5.8 million times the 2017 cost of debt in the Application.

Taxes increase by \$0.2 million as there is an increase in taxable income as shown in Table 6 below.

Table 6: 2017 Tax Calculation (\$ millions)

	Draft Rate Order	August 21, 2015 Update	Increase (Decrease)
Target net income	\$40.4	\$40.6	(\$0.2)
Amortization	\$53.8	\$54.1	(\$0.3)
Other Additions	\$23.2	\$23.2	\$0.0
CCA	(\$77.4)	(\$78.5)	\$1.1
Other Deductions	(\$25.8)	(\$25.8)	\$0.0
Taxable Income	\$14.2	\$13.6	\$0.6
Tax at 26.5%	\$3.8	\$3.6	\$0.2
Less Tax credits	(\$1.1)	(\$1.1)	\$0.0
Tax	\$2.6	\$2.5	\$0.2
Gross-up	\$0.9	\$0.9	\$0.1
Grossed-up Tax	\$3.6	\$3.4	\$0.2

*minor differences may result due to rounding

The combined result of all of the above changes is a reduction in 2017 revenue requirement of \$6.0 million from \$210.3 million to \$204.3 million.

Renewable Generation Connection Rate Protection (RGCRP):

A portion of eligible investments in enabling renewable generation are funded through RGCRP. The Decision approves our RGCRP for 2016 and 2017 as filed on page 13 under 3.3.1:

PowerStream filed an update to its compensation claim for Renewable Generation Connection Rate Protection (RGCRP), showing \$272,792 for 2016 and \$271,060 for 2017. No parties expressed any concerns with the RGCRP claims made by PowerStream for these years.

Please note that the amount claimed for 2016 in the Application was \$427,270 as shown in the following table from Section VI, Tab 27, Schedule 1, page 4 of 4, Filed: May 22, 2015.

Proposed for Recoveries - TEST YEARS					
	2016	2017	2018	2019	2020
2011 & Prior RGC Investment					
2012 RGC Investment					
2013 RGC Investment					
2014 RGC Investment	\$150,269 ⁽¹⁾				
2015 RGC Investment	\$4,208 ⁽²⁾				
2010-2020 RGC Investment	\$272,792	\$271,060	\$266,079	\$260,517	\$256,894
	<u>\$427,270</u>	<u>\$271,060</u>	<u>\$266,079</u>	<u>\$260,517</u>	<u>\$256,894</u>

NOTES:

- (1) Revenue Requirement for 2014 and 2015
- (2) Revenue Requirement for 2015

The total of \$427,270 for 2016 includes amounts for eligible investments made in 2014 and 2015 for which the RGCRP claim is being made for the first time in 2016 based on actual amounts. For the 2014 eligible investments \$150,269 represents the revenue requirement for 2014 and 2015. For the 2015 eligible investments \$ 4,208 represents the revenue requirement for 2015.

Due to the timing of the Decision, 2016 RGCRP funding was continued at the approved 2015 amount of \$261,290 resulting in a shortfall of \$165,980 in 2016. This shortfall needs to be added to the amount to be paid in 2017 of \$271,060 bringing the total amount for 2017 to \$437,040.

IV. Rate Design

PowerStream has applied the same process, as in its May 22, 2015 Application and August 21, 2015 update, to the updated 2017 revenue requirement to determine distribution rates. The approved revenue requirement has been allocated to rate classes in the same portion determined using the 2016 (“status quo”) rates based on PowerStream’s 2013 cost of service application and cost allocation. The Board’s Cost Allocation methodology has been employed, as described in the next section, to ensure that the revenue collected from each rate class results in a revenue-to-cost ratio within the OEB approved range.

Cost Allocation:

The revenue amounts at the 2016 rates have been entered into the 2017 Cost Allocation model to determine if the revenue-to-cost ratios (R/C) are within the OEB approved ranges.

For the Street Lighting class, the R/C was outside the approved range. PowerStream decreased the revenue allocated to the Street Lighting class by \$632,329 to bring the R/C to 120% - the upper threshold of the Board approved range.

For the Large Use class, the R/C was outside the approved range. PowerStream increased the revenue allocated to the Large Use class by \$66,571 to bring the R/C to 85% - the lower threshold of the Board approved range.

The remaining amount of \$565,758 was allocated pro rata to all classes with a R/C below 100%. This resulted in an increase of \$368,542 to the Residential class, \$196,034 to the GS>50 kW class and \$1,114 to the Large Use class. This adjustment brought the R/C closer to 100% but below it for these classes.

Please see Schedule I for the Cost Allocation schedules. This schedule also contains the MicroFIT Charge Worksheet from the Cost Allocation model. Schedule I shows the revenue allocation between classes at the “status quo” and the adjustment to bring the R/C ratios within the Board approved ranges.

Schedule I shows the final revenue allocation after applying the Board’s cost allocation methodology, and determination of the final rates using the approved billing determinants and customer counts as filed.

New Rate Design policy for Residential Customers:

PowerStream's proposal as filed is to move Residential customers to a fully fixed distribution rate over four years starting in 2017. PowerStream's current approved Residential rates represent a fixed to variable revenue split of 57.15% and 42.85%. In 2017, PowerStream has increased the fixed portion of the allocated revenue requirement by 10.17% to 62.87% and reduced the variable portion by 10.17% to 32.13% before determining the fixed and variable distribution charges. See Appendix 2-PA in Schedule L for the calculations.

Effective and Implementation Dates for Rates – Foregone Revenues:

The Decision provides that rates are effective January 1, 2016 but will not be implemented until October 1, 2016. PowerStream's approved 2015 rates were declared interim rates as of January 1, 2016 by the Board Panel at the hearing on November 26, 2015.

The difference between the effective and implementation date for the new rates results in a period where there is "foregone revenue" as customers are charged at the interim rates rather than the new rates. PowerStream has calculated the "foregone revenue" as the difference between the amounts billable for the period January 1 to September 30, 2016 at the interim rates compared to amounts at the new rates effective January 1, 2016, using the customer counts, consumption and loads for this period from the customer and load forecasts approved for 2016.

PowerStream's calculations show that customers will be billed in total \$2.382 million less for distribution charges in the January 1 to September 30, 2016 period at the interim rates than if billed at the new rates effective January 1, 2016.

PowerStream proposes to recover the foregone distribution charges for the January to September 2016 period through rate class specific foregone revenue rate riders over the three month period from October 1, 2016 to December 31, 2016.

Total bill impacts for each customer class are below the Board's threshold of 10%. Please see Section II, Bill Impacts for bill impact details.

Table 7 below summarizes the foregone revenue by customer class and Table 8 shows the resulting foregone rate riders and a revenue validation.

Table 7: Foregone Revenue Amounts

Rate Class	Revenue at Approved Rates	Revenue at Interim Rates	Foregone Revenue
Residential	\$67,944,880	\$66,638,215	\$1,306,665
GS<50 kW	\$18,880,351	\$18,507,945	\$372,406
GS>50 kW	\$37,579,289	\$36,914,941	\$664,348
Large Use	\$272,026	\$267,215	\$4,811
Unmetered	\$361,771	\$355,131	\$6,640
Sentinel Lighting	\$12,463	\$12,245	\$218
Street Lighting	\$1,639,792	\$1,612,879	\$26,913
Total	\$126,690,573	\$124,308,571	\$2,382,001

Table 8: Foregone Revenue Rate Riders

Rate Class	Customers / Connections	kWhs/kWs	Foregone Revenue Rate Riders		Recovery (Refund)
			Fixed	Variable	
Residential	325,345		\$1.34	\$0.0000	\$1,307,886
GS<50 kW	32,402	253,439,715	\$1.41	\$0.0009	\$365,155
GS>50 kW	4,965	2,980,866	\$7.45	\$0.1857	\$664,507
Large Use	2	37,930	\$322.17	\$0.0759	\$4,812
Unmetered	2,976	3,612,126	\$0.39	\$0.0009	\$6,733
Sentinel Lighting	209	248	\$0.18	\$0.4232	\$218
Street Lighting	88,126	40,735	\$0.06	\$0.2721	\$26,947
Total					\$2,376,258

The rate riders have been calculated as a fixed monthly charge for the Residential class and a fixed monthly charge and a variable charge for the other customer classes.

See Schedule J for the detailed calculations of the foregone revenue and rate riders.

Deferral and Variance Account (DVA) Rate Riders:

PowerStream has updated the disposition amounts of the December 31, 2014 deferral and variance account balances filed to reflect the following changes:

- Update interest for 2015 to use the OEB prescribed rate of 1.10% starting in Q2, (filing was based on Q1-2015 rate of 1.47% for entire year);
- Accrue interest for January 1 to September 30, 2016 at the OEB prescribed rate of 1.10%;
- Update the LRAMVA amount to remove the peak demand savings from the LRAMVA calculation in accordance with the OEB LRAM Variance Account Report, May 19, 2016;
- Update the ICM true-up amount to cover 2016; and
- Remove the IFRS-CGAAP Transitional PP&E amount.

PowerStream has completed the OEB's updated EDDVAR Continuity Schedule which addresses separating balances that do not apply to Wholesale Market Participants (WMP). This is attached as Schedule H.

The changes are summarized in Table 9 below which compares the updated amounts with the amounts as filed in the Application.

Table 9: DVA Amounts – Updated vs. Application

Description	May 2015 Filing	Interest Update	Other Adjustment	Aug 2016 DRO	Change
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)	\$5,359,719	\$24,547	\$0	\$5,384,266	\$24,547
Total of Account 1580 and 1588 (not allocated to WMPs)	(\$5,496,352)	(\$25,378)	\$0	(\$5,521,730)	(\$25,378)
Balance of Account 1589 Allocated to Non-WMPs	\$10,422,091	\$48,011	\$0	\$10,470,102	\$48,011
Balance of Account 1589 allocated to Class A Non-WMP Customers	\$0	\$0	\$0	\$0	\$0
Group 2 Accounts	\$3,220,045	\$13,285	(\$431,207)	\$2,802,124	(\$417,921)
IFRS-CGAAP Transition PP&E Amounts Balance	(\$2,392,747)	\$0	\$2,392,747	\$0	\$2,392,747
LRAM Variance Account	(\$504,257)	(\$17,143)	(\$73,343)	(\$594,743)	(\$90,486)
Smart Grid Funding Adder true-up	(\$525,761)	(\$4,341)	\$0	(\$530,102)	(\$4,341)
Smart Meters Residual Amounts	\$599,111	\$1,917	\$0	\$601,028	\$1,917
Total	\$10,681,849	\$40,899	\$1,888,197	\$12,610,945	\$1,929,096

Interest has been updated for 2015 to use the OEB prescribed rate of 1.10% starting in Q2, (filing was based on Q1-2015 rate of 1.47% for entire year) and to accrue interest for

January 1 to September 30, 2016 at the OEB prescribed rate of 1.10% for all groups of DVAs above.

Other adjustments are discussed below. The Group 2 adjustment relates to the ICM True-up related to the approved ICM funding approved in 2014.

ICM True-up:

The ICM true-up has been updated as shown in Table 10 below. PowerStream has recalculated the revenue requirement as per the response to G-Energy Probe -15 and extended the true-up to include 2016 as these assets are not included in rate base until the new cost of service rates effective January 1, 2017.

Table 10: ICM True-up Amount

	Draft Rate Order	Application	Increase (Decrease)
ICM Incremental Revenue Requirement	\$2,772,177	\$2,159,200	\$612,977
Interest on Amortization Expense	\$18,247	\$10,172	\$8,075
Subtotal A	\$2,790,424	\$2,169,372	\$621,052
less:			\$0
ICM Funding Adder Revenues	\$2,881,705	\$1,855,500	\$1,026,205
ICM Funding Adder Interest	\$50,941	\$24,887	\$26,054
Subtotal B	\$2,932,646	\$1,880,387	\$1,052,259
ICM True-up Amount	(\$142,222)	\$288,985	(\$431,207)

See Schedule K for the ICM True-up model

IFRS-CGAAP Transitional PP&E Amount:

In PowerStream's 2013 Cost of Service rate application, the IFRS-CGAAP Transitional PP&E amount of \$9.6 million was deducted from rate base and amortization over four years of \$2.4 million per year was deducted in the determination of revenue requirement and setting of rates. This results in refunding \$9.6 million to customers by December 31, 2016 leaving a balance of \$0.0 million to be refunded.

LRAMVA:

In accordance with the *Report of the Ontario Energy Board, Updated Policy for the Lost Revenue Adjustment Mechanism Calculations*, Issued on May 19, 2016 (EB-2016-0182), PowerStream has revised its LRAMVA calculations in relation to

peak demand savings from demand response programs. PowerStream confirms that peak demand savings from demand response programs are not included in the revised LRAMVA claim calculations.

Table 11: Application (May 22, 2015)

Rate Classification	LRAMVA 2011	LRAMVA 2012	LRAMVA 2013	Carrying Interest	Total Claim
LRAM/VA - Residential	\$17	\$2,512	(\$369,794)	(\$10,687)	(\$377,952)
LRAM/VA - GS<50	\$0	\$14,182	\$40,121	\$1,467	\$55,770
LRAM/VA - GS>50	\$67	\$6,437	(\$155,278)	(\$5,262)	(\$154,035)
LRAM/VA - LU	\$0	\$0	(\$5,144)	(\$176)	(\$5,320)
LRAM/VA - USL	\$0	\$0	(\$3,234)	(\$110)	(\$3,344)
LRAM/VA - Sentinel	\$0	\$0	(\$157)	(\$5)	(\$162)
LRAM/VA - S/L	\$0	\$0	(\$18,579)	(\$635)	(\$19,214)
Total	\$84	\$23,131	(\$512,064)	(\$15,408)	(\$504,257)

Table 12: Revised Claim

Rate Classification	LRAMVA 2011	LRAMVA 2012	LRAMVA 2013	Carrying Interest	Total Claim
LRAM/VA - Residential	\$17	\$2,512	(\$369,794)	(\$15,648)	(\$382,913)
LRAM/VA - GS<50	\$0	\$14,182	\$40,121	\$1,796	\$56,099
LRAM/VA - GS>50	\$67	\$6,437	(\$236,211)	(\$9,962)	(\$239,669)
LRAM/VA - LU	\$0	\$0	(\$5,144)	(\$218)	(\$5,362)
LRAM/VA - USL	\$0	\$0	(\$3,234)	(\$137)	(\$3,371)
LRAM/VA - Sentinel	\$0	\$0	(\$157)	(\$7)	(\$163)
LRAM/VA - S/L	\$0	\$0	(\$18,579)	(\$787)	(\$19,366)
	\$84	\$23,131	(\$592,997)	(\$24,963)	(\$594,745)

Table 13: Variance to May 22, 2015 Claim

Rate Classification	LRAMVA 2011	LRAMVA 2012	LRAMVA 2013	Interest Adjustment	Total Claim
LRAM/VA - Residential	\$0	\$0	\$0	(\$3,030)	(\$3,030)
LRAM/VA - GS<50	\$0	\$0	\$0	\$329	\$329
LRAM/VA - GS>50	\$0	\$0	(\$80,933)	(\$4,701)	(\$85,634)
LRAM/VA - LU	\$0	\$0	\$0	(\$42)	(\$42)
LRAM/VA - USL	\$0	\$0	\$0	(\$26)	(\$26)
LRAM/VA - Sentinel	\$0	\$0	\$0	(\$1)	(\$1)
LRAM/VA - S/L	\$0	\$0	\$0	(\$152)	(\$152)
	\$0	\$0	(\$80,933)	(\$7,624)	(\$88,557)

Table 14 below was filed in a response to VECC-40, which can be found in PowerStream's application update filed on May 22, 2015 (Section III, Tab 1, Schedule 1, page 357)

Table 14: Details by CDM Initiative for GS>50, 2013

CDM Programs	2013 CDM Report		A	B	C	A + B + C
	Net Annual kW Savings	Net Annual kWh Savings	Demand (at 6.5)	ADD: 2012 Persistence (at 12)	ADD: 2011 Persistence (at 12)	Total AVG Demand
Program Enabled Savings	5	7,515	33	2,220	36	2,289
ERIP: Retrofit Business	4,744	27,131,061	30,838	55,774	20,321	106,932
ERIP: Retrofit Industrial	0	0	0	0	0	0
New Construction and Major R	778	1,579,613	5,056	0	125	5,182
Energy Audit	79	436,057	514	684	60	1,258
Energy Manager	421	3,717,682	2,737	228	0	2,965
DR3 Industrial	6,406	157,656	19,218			19,218
DR3 Business	1,921	28,336	5,763			5,763
ERIP: pre-2011	0	0	0	0	1,375	1,375
High Performance New Constr	14	221,916	92	1,314	1,105	2,511
Business Refrigeration	2	15	10	0	0	10
						147,501

D

Table 5: Revised Details by CDM Initiative for GS>50, 2013

CDM Programs	2013 CDM Report		A	B	C	A + B + C
	Net Annual kW Savings	Net Annual kWh Savings	Demand (at 6.5)	ADD: 2012 Persistence (at 12)	ADD: 2011 Persistence (at 12)	Total AVG Demand
Program Enabled Savings	5	7,515	33	2,220	36	2,289
ERIP: Retrofit Business	4,744	27,131,061	30,838	55,774	20,321	106,932
ERIP: Retrofit Industrial	0	0	0	0	0	0
New Construction and Major R	778	1,579,613	5,056	0	125	5,182
Energy Audit	79	436,057	514	684	60	1,258
Energy Manager	421	3,717,682	2,737	228	0	2,965
DR3 Industrial	6,406	157,656	0			0
DR3 Business	1,921	28,336	0			0
ERIP: pre-2011	0	0	0	0	1,375	1,375
High Performance New Constr	14	221,916	92	1,314	1,105	2,511
Business Refrigeration	2	15	10	0	0	10
						122,520

E

Difference (E - D) - represents kW demand difference from DR3 Programs	(24,981)	F
Distribution Rate for GS>50 Rate Classification (EB-2012-0161)	\$ 3.2397	G
Adjustment (F X G)	(\$80,932)	

An adjustment to GS>50 rate classification is calculated as the difference in kW demand from DR3 programs, that is multiplied by the 2013 volumetric distribution rate to arrive at the difference of \$80,932. This is the only peak demand savings program in the original

claim and it has no persistence from prior years. Interest adjustment relates to the updated OEB approved interest rate of 1.10%, effective April 1, 2015 and an addition of 2016 carrying interest.

DVA Rate Riders:

The deferral and variance account (DVA) rate riders have been calculated over the same periods of one or two years as per the Application. The smart grid funding adder true-up and the LRAM variance account refunds are being refunded over one year to help mitigate rebasing bill impacts. Other recoveries are being collected over 2 years to mitigate bill impacts.

The start dates are October 1, 2016 and the end dates are September 30, 2017 and September 2018 respectively. Calculations of the rate riders are included with the EDDVAR Continuity Schedule in Schedule H.

V. Conclusion

PowerStream has fully complied with the Decision and has implemented all of the changes directed by the Board in its Decision.

PowerStream respectfully submits its draft Tariff of Rates and Changes, to be effective as of January 1, 2016, and implemented as of October 1, 2016, and for 2017 to be effective and implemented as of January 1, 2017 for the Board's approval.

Dated this 15th day of August, 2016

Original signed by Tom Barrett

Tom Barrett,

Manger, Rate Applications

PowerStream Inc.

PowerStream Inc.

Proposed 2016 Electricity Distribution Rates

EB-2015-0003

Effective Date - January 1, 2016

Implementation Date - October 1, 2016

PowerStream Inc.
TARIFF OF RATES AND CHARGES
Effective Date Effective Date - January 1, 2016
Implementation Date Implementation Date - October 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	\$	12.90
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	0.0143
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016)		
- effective until September 30, 2018	\$	0.12
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance)		
- effective until September 30, 2017	\$	(0.10)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.07
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance)		
effective until September 30, 2017	\$	(0.04)
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until September 30, 2018	\$	0.06
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	1.34

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	0.0035

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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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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	\$	26.55
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	0.0142
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kWh	0.0001
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$/kWh	0.0009
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.14
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) - effective until September 30, 2017	\$	(0.17)
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until September 30, 2018	\$	0.21
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	1.41

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	0.0030

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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	\$	140.97
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	6.99
Distribution Volumetric Rate	\$/kW	3.3877
Low Voltage Service Rate	\$/kW	0.1189
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0173
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1169
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1224)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018		
Applicable only for Non-RPP Customers	\$/kW	0.4319
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016)		
- effective until September 30, 2018	\$/kW	0.0620
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance)		
- effective until September 30, 2017	\$/kW	(0.0196)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$/kW	0.1857
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.72
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance)		
- effective until September 30, 2017	\$	(4.81)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	7.45
Retail Transmission Rate - Network Service Rate	\$/kW	2.9192
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1726
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.0601
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.2687

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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	\$	6,073.68
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	104.59
Distribution Volumetric Rate	\$/kW	1.4414
Low Voltage Service Rate	\$/kW	0.1437
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0073
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1584
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1659)
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kW	0.0840
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kW	(0.0356)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$/kW	0.0759
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	30.93
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) - effective until September 30, 2017	\$	(199.61)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	322.17
Retail Transmission Rate - Network Service Rate	\$/kW	3.4638
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2027

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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 (e.g. nameplate rating of the generation facility).	\$/kW	2.8081
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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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.14
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.0162
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kWh	(0.0002)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$/kWh	0.0009
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.04
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) - effective until September 30, 2017	\$	(0.02)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	0.39
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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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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)	\$	3.47
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.09
Distribution Volumetric Rate	\$/kW	8.1615
Low Voltage Service Rate	\$/kW	0.1031
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0416
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1210
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1267)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kW	0.4470
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kW	0.0641
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kW	(0.1678)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$/kW	0.4232
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.02
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) - effective until September 30, 2017	\$	(1.19)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	0.18

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.2561
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8629

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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)	\$	1.28
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.02
Distribution Volumetric Rate	\$/kW	6.7744
Low Voltage Service Rate	\$/kW	0.0917
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0345
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1116
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1169)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kW	0.4124
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kW	0.0592
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kW	(0.1455)
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$/kW	0.2721
Rate Rider for Foregone Revenue (2016) - effective until December 31, 2016	\$	0.06
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.01

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.2203
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9503

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011

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 Order of the Board, and amendments thereto as approved by the Board, which may be administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the shall be made except as permitted by this schedule, unless required by the Distributor's 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 invoiced by a distributor and that are not subject to Board approval, such as the Debt 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 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 furnished for the purpose of the distribution of electricity shall be made except as permitted required by the Distributor's Licence or a Code or Order of the Board, and amendments Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity 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 invoiced by a distributor and that are not subject to Board approval, such as the Debt 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	1.0345
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 2017 Electricity Distribution Rates

EB-2015-0003

Effective Date - 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.

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	\$	18.95
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0133
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$	0.12
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$	(0.10)
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) effective until September 30, 2017	\$	(0.04)
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until December 31, 2018	\$	0.06

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	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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.

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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	\$	29.32
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0188
Low Voltage Service Rate	\$/kWh	0.0004
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kWh	0.0001
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) effective until September 30, 2017	\$	(0.17)
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until September 30, 2018	\$	0.21

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	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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
Distribution Volumetric Rate	\$/kW	4.3302
Low Voltage Service Rate	\$/kW	0.1589
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1169
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1224)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018		
Applicable only for Non-RPP Customers	\$/kW	0.4319
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016)		
- effective until September 30, 2018	\$/kW	0.0620
Rate Rider for Recovery of Lost Revenenue Adjustment Mechanism Variance Account (2013 balance)		
- effective until September 30, 2017	\$/kW	(0.0196)
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance)		
effective until September 30, 2017	\$	(4.81)
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	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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	2.3344
Low Voltage Service Rate	\$/kW	0.1630
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1584
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1659)
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kW	0.0840
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kW	(0.0356)
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) effective until September 30, 2017	\$	(199.61)
Retail Transmission Rate - Network Service Rate	\$/kW	3.5361
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3178

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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 (e.g. nameplate rating of the generation facility).	\$/kW	2.8081
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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)	\$	8.81
Distribution Volumetric Rate	\$/kWh	0.0200
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kWh	(0.0003)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0012
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kWh	(0.0002)
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) effective until September 30, 2017	\$	(0.02)
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	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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)	\$	4.2900
Distribution Volumetric Rate	\$/kW	10.1097
Low Voltage Service Rate	\$/kW	0.1170
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1210
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1267)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kW	0.4470
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kW	0.0641
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kW	(0.1678)
Rate Rider for Recovery of Smart Grid True-up Variance Account (2014 balance) effective until September 30, 2017	\$	(1.1900)

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	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.2200
Distribution Volumetric Rate	\$/kW	6.4251
Low Voltage Service Rate	\$/kW	0.1288
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until September 30, 2018	\$/kW	0.1116
Rate Rider for Disposition of Deferral/Variance Account - Power (2016) - effective until September 30, 2018	\$/kW	(0.1169)
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until September 30, 2018 Applicable only for Non-RPP Customers	\$/kW	0.4124
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 (2016) - effective until September 30, 2018	\$/kW	0.0592
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until September 30, 2017	\$/kW	(0.1455)

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	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
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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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 Order of the Board, and amendments thereto as approved by the Board, which may be administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the shall be made except as permitted by this schedule, unless required by the Distributor's 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 invoiced by a distributor and that are not subject to Board approval, such as the Debt 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 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 furnished for the purpose of the distribution of electricity shall be made except as permitted required by the Distributor's Licence or a Code or Order of the Board, and amendments Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity 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 invoiced by a distributor and that are not subject to Board approval, such as the Debt Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers 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	1.03690
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.01450
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.02660
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.00450

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Distribution Component	
				2016	2017
Residential	kWh	750		6.7%	13.6%
GS<50 kW	kWh	2,000		7.7%	12.5%
GS>50 kW	kW	80,000	250	20.3%	14.8%
Large Use	kW	2,800,000	7,350	7.2%	29.3%
Unmetered Scattered Load	kWh	150		7.1%	15.4%
Sentinel Lights	kW	180		(4.2%)	18.1%
Street Lighting	kW	280		14.1%	(11.4%)
Average				8.4%	13.2%

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Total Bill	
				2016	2017
Residential	kWh	750		1.5%	3.5%
GS<50 kW	kWh	2,000		1.5%	2.8%
GS>50 kW	kW	80,000	250	1.6%	1.8%
Large Use	kW	2,800,000	7,350	0.3%	1.9%
Unmetered Scattered Load	kWh	150		2.2%	5.1%
Sentinel Lights	kW	180		(1.3%)	5.7%
Street Lighting	kW	280		2.4%	0.3%
Average				1.2%	3.0%



1380
5520

Appendix 2-W
 Bill Impacts - Residential

Customer Class: **RESIDENTIAL**

TOU / non-TOU: **TOU**

Consumption **750**

	Charge Unit	Volume	2015 Current Board-Approved		2016 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 12.67	\$ 12.67	\$ 12.90	\$ 12.90	\$ 0.23	1.8%	\$ 18.95	\$ 18.95	\$ 6.05	46.9%
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	\$ 0.07	\$ -	0.0%	\$ -	\$ -	\$ (0.07)	-100.0%
Forgone Revenue Rate Rider (2016)	Monthly	1	\$ -	\$ -	\$ 1.34	\$ 1.34	\$ 1.34		\$ -	\$ -	\$ (1.34)	-100.0%
Distribution Volumetric Rate	per kWh	750	\$ 0.0140	\$ 10.50	\$ 0.0143	\$ 10.73	\$ 0.23	2.1%	\$ 0.0133	\$ 9.98	\$ (0.75)	-7.0%
Smart Meter Disposition Rider	per kWh	750	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
LRAM & SSM Rate Rider	per kWh	750	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
ICM Rate Rider (2014)	per kWh	750	\$ 0.0001	\$ 0.08	\$ 0.0001	\$ 0.08	\$ -	0.0%	\$ -	\$ -	\$ (0.08)	-100.0%
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	Monthly	1	\$ -	\$ -	\$ 0.12	\$ 0.12	\$ 0.12		\$ 0.12	\$ 0.12	\$ -	0.0%
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	Monthly	1	\$ -	\$ -	\$ (0.10)	\$ (0.10)	\$ (0.10)		\$ (0.10)	\$ (0.10)	\$ -	0.0%
Account 1575 (2016)	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Smart Grid True-up (2016)	Monthly	1	\$ -	\$ -	\$ 0.04	\$ (0.04)	\$ (0.04)		\$ (0.04)	\$ (0.04)	\$ -	0.0%
Recovery of Stranded Meter Assets (2016)	Monthly	1	\$ -	\$ -	\$ 0.06	\$ 0.06	\$ 0.06		\$ 0.06	\$ 0.06	\$ -	0.0%
	per kWh	750	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 23.52		\$ 25.35	\$ 1.84	7.8%		\$ 28.97	\$ 3.62	14.3%
Disposition of Deferral/Variance Accounts (2016)	per kWh	750	\$ -	\$ -	\$ 0.0003	\$ 0.23	\$ 0.23		\$ 0.0003	\$ 0.23	\$ -	0.0%
Disposition of Deferral/Variance Accounts - Power (2016)	per kWh	750	\$ -	\$ -	\$ (0.0003)	\$ (0.23)	\$ (0.23)		\$ (0.0003)	\$ (0.23)	\$ -	0.0%
Low Voltage Service Charge	per kWh	750	\$ 0.0003	\$ 0.23	\$ 0.0003	\$ 0.23	\$ -	0.0%	\$ 0.0005	\$ 0.38	\$ 0.15	66.7%
Line Losses on Cost of Power		25.88	\$ 0.1118	\$ 2.89	\$ 0.1118	\$ 2.89	\$ -	0.0%	\$ 0.1118	\$ 3.10	\$ 0.20	7.0%
Smart Meter Entity Charge	Monthly	1	\$ 0.79	\$ 0.79	\$ 0.79	\$ 0.79	\$ -		\$ 0.79	\$ 0.79	\$ -	0.0%
Sub-Total B - Distribution (includes Sub-Total A)				\$ 27.42		\$ 29.26	\$ 1.84	6.7%		\$ 33.23	\$ 3.97	13.6%
RTSR - Network	per kWh	776	\$ 0.0080	\$ 6.21	\$ 0.0080	\$ 6.21	\$ -	0.0%	\$ 0.0082	\$ 6.38	\$ 0.17	2.7%
RTSR - Line and Transformation Connection	per kWh	776	\$ 0.0035	\$ 2.72	\$ 0.0035	\$ 2.72	\$ -	0.0%	\$ 0.0038	\$ 2.96	\$ 0.24	8.8%
Sub-Total C - Delivery (including Sub-Total B)				\$ 36.35		\$ 38.18	\$ 1.84	5.0%		\$ 42.56	\$ 4.38	11.5%
Wholesale Market Service Charge (WMSC)	per kWh	776	\$ 0.0036	\$ 2.79	\$ 0.0036	\$ 2.79	\$ -	0.0%	\$ 0.0036	\$ 2.80	\$ 0.01	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	776	\$ 0.0013	\$ 1.01	\$ 0.0013	\$ 1.01	\$ -	0.0%	\$ 0.0013	\$ 1.01	\$ 0.00	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.25	\$ 0.25	\$ -	0.0%	\$ 0.25	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	750	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
TOU - Off Peak	per kWh	480	\$ 0.0870	\$ 41.76	\$ 0.0870	\$ 41.76	\$ -	0.0%	\$ 0.0870	\$ 41.76	\$ -	0.0%
TOU - Mid Peak	per kWh	135	\$ 0.1320	\$ 17.82	\$ 0.1320	\$ 17.82	\$ -	0.0%	\$ 0.1320	\$ 17.82	\$ -	0.0%
TOU - On Peak	per kWh	135	\$ 0.1800	\$ 24.30	\$ 0.1800	\$ 24.30	\$ -	0.0%	\$ 0.1800	\$ 24.30	\$ -	0.0%
OESP Charge	per kWh	750	\$ 0.0011	\$ 0.83	\$ 0.0011	\$ 0.83	\$ -	0.0%	\$ 0.0011	\$ 0.83	\$ -	0.0%
				\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Total Bill on TOU (before Taxes)				\$ 125.10		\$ 126.94	\$ 1.84	1.5%		\$ 131.32	\$ 4.38	3.5%
HST			13%	\$ 16.26	13%	\$ 16.50	\$ 0.24	1.5%	13%	\$ 17.07	\$ 0.57	3.5%
Total Bill (including HST)				\$ 141.37		\$ 143.44	\$ 2.07	1.5%		\$ 148.39	\$ 4.95	3.5%
Ontario Clean Energy Benefit ¹			0%	\$ -		\$ -	\$ -			\$ -	\$ -	
Total Bill on TOU (including OCEB)				\$ 141.37		\$ 143.44	\$ 2.07	1.5%		\$ 148.39	\$ 4.95	3.5%



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 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 26.08	\$ 26.08	\$ 26.55	\$ 26.55	\$ 0.47	1.8%	\$ 29.32	\$ 29.32	\$ 2.77	10.4%
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	\$ 0.14	\$ -	0.0%	\$ -	\$ -	\$ (0.14)	-100.0%
Forgone Revenue Rate Rider - Fixed Component (2016)	Monthly	1	\$ -	\$ -	\$ 1.41	\$ 1.41	\$ 1.41		\$ -	\$ -	\$ (1.41)	-100.0%
		1	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Distribution Volumetric Rate	per kWh	2,000	\$ 0.0139	\$ 27.80	\$ 0.0142	\$ 28.40	\$ 0.60	2.2%	\$ 0.0188	\$ 37.60	\$ 9.20	32.4%
Smart Meter Disposition Rider	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Forgone Revenue Rate Rider - Variable Component (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0009	\$ 1.80	\$ 1.80		\$ -	\$ -	\$ (1.80)	-100.0%
ICM Rate Rider (2014)	per kWh	2,000	\$ 0.0001	\$ 0.20	\$ 0.0001	\$ 0.20	\$ -	0.0%	\$ -	\$ -	\$ (0.20)	-100.0%
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0002	\$ 0.40	\$ 0.40		\$ 0.0002	\$ 0.40	\$ -	0.0%
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0001	\$ 0.20	\$ 0.20		\$ 0.0001	\$ 0.20	\$ -	0.0%
Account 1575 (2016)	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Smart Grid True-up (2016)	Monthly	1	\$ -	\$ -	\$ (0.17)	\$ (0.17)	\$ (0.17)		\$ (0.1700)	\$ (0.17)	\$ -	0.0%
Recovery of Stranded Meter Assets (2016)	Monthly	1	\$ -	\$ -	\$ 0.21	\$ 0.21	\$ 0.21		\$ 0.21	\$ 0.21	\$ -	0.0%
	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 54.77		\$ 59.69	\$ 4.92	9.0%		\$ 67.56	\$ 7.87	13.2%
Disposition of Deferral/Variance Accounts (2016)	per kWh	2,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Disposition of Deferral/Variance Accounts - Power (2016)	per kWh	2,000	\$ -	\$ -	\$ 0.0003	\$ 0.60	\$ 0.60		\$ 0.0003	\$ 0.60	\$ -	0.0%
	per kWh	2,000	\$ -	\$ -	\$ (0.0003)	\$ (0.60)	\$ (0.60)		\$ (0.0003)	\$ (0.60)	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Low Voltage Service Charge	per kWh	2,000	\$ 0.0003	\$ 0.60	\$ 0.0003	\$ 0.60	\$ -	0.0%	\$ 0.0004	\$ 0.80	\$ 0.20	33.3%
Line Losses on Cost of Power		69.00	\$ 0.1118	\$ 7.72	\$ 0.1118	\$ 7.72	\$ -	0.0%	\$ 0.1118	\$ 8.25	\$ 0.54	7.0%
Smart Meter Entity Charge	Monthly	1	\$ 0.7900	\$ 0.79	\$ 0.7900	\$ 0.79	\$ -		\$ 0.7900	\$ 0.79	\$ -	0.0%
Sub-Total B - Distribution (includes Sub-Total A)				\$ 63.88		\$ 68.80	\$ 4.92	7.7%		\$ 77.41	\$ 8.61	12.5%
RTSR - Network	per kWh	2,069	\$ 0.0072	\$ 14.90	\$ 0.0072	\$ 14.90	\$ -	0.0%	\$ 0.0073	\$ 15.14	\$ 0.24	1.6%
RTSR - Line and Transformation Connection	per kWh	2,069	\$ 0.0030	\$ 6.21	\$ 0.0030	\$ 6.21	\$ -	0.0%	\$ 0.0033	\$ 6.84	\$ 0.64	10.3%
Sub-Total C - Delivery (including Sub-Total B)				\$ 84.98		\$ 89.90	\$ 4.92	5.8%		\$ 99.39	\$ 9.49	10.6%
Wholesale Market Service Charge (WMSC)	per kWh	2,069	\$ 0.0036	\$ 7.45	\$ 0.0036	\$ 7.45	\$ -	0.0%	\$ 0.0036	\$ 7.47	\$ 0.02	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	2,069	\$ 0.0013	\$ 2.69	\$ 0.0013	\$ 2.69	\$ -	0.0%	\$ 0.0013	\$ 2.70	\$ 0.01	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 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%
TOU - Off Peak	per kWh	1,280	\$ 0.0870	\$ 111.36	\$ 0.0870	\$ 111.36	\$ -	0.0%	\$ 0.0870	\$ 111.36	\$ -	0.0%
TOU - Mid Peak	per kWh	360	\$ 0.1320	\$ 47.52	\$ 0.1320	\$ 47.52	\$ -	0.0%	\$ 0.1320	\$ 47.52	\$ -	0.0%
TOU - On Peak	per kWh	360	\$ 0.1800	\$ 64.80	\$ 0.1800	\$ 64.80	\$ -	0.0%	\$ 0.1800	\$ 64.80	\$ -	0.0%
OESP Charge	per kWh	2,000	\$ 0.0011	\$ 2.20	\$ 0.0011	\$ 2.20	\$ -	0.0%	\$ 0.0011	\$ 2.20	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Total Bill on TOU (before Taxes)				\$ 335.25		\$ 340.17	\$ 4.92	1.5%		\$ 349.68	\$ 9.51	2.8%
HST			13%	\$ 43.58	13%	\$ 44.22	\$ 0.64	1.5%	13%	\$ 45.46	\$ 1.24	2.8%
Total Bill (including HST)				\$ 378.83		\$ 384.39	\$ 5.56	1.5%		\$ 395.14	\$ 10.75	2.8%
Ontario Clean Energy Benefit ¹			0%	\$ -		\$ -	\$ -			\$ -	\$ -	
Total Bill on TOU (including OCEB)				\$ 378.83		\$ 384.39	\$ 5.56	1.5%		\$ 395.14	\$ 10.75	2.8%



Appendix 2-W
 Bill Impacts - GS > 50

Customer Class: **GS > 50**

TOU / non-TOU: **TOU**
 Consumption: **80,000**
 Load: **250**

	Charge Unit	Volume	2015 Current Board-Approved		2016 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 138.48	\$ 138.48	\$ 140.97	\$ 140.97	\$ 2.49	1.8%	\$ 138.48	\$ 138.48	\$ (2.49)	-1.8%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 6.99	\$ 6.99	\$ 6.99	\$ 6.99	\$ -	0.0%	\$ -	\$ -	\$ (6.99)	-100.0%
ICM Rate Rider (2014)	Monthly	1	\$ 0.72	\$ 0.72	\$ 0.72	\$ 0.72	\$ -	0.0%	\$ -	\$ -	\$ (0.72)	-100.0%
Forgone Revenue Rate Rider - Fixed Component (2016)	Monthly	1	\$ -	\$ -	\$ 7.45	\$ 7.45	\$ 7.45	-	\$ -	\$ -	\$ (7.45)	-100.0%
	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Distribution Volumetric Rate	per kW	250	\$ 3.3278	\$ 831.95	\$ 3.3877	\$ 846.93	\$ 14.98	1.8%	\$ 4.3302	\$ 1,082.55	\$ 235.63	27.8%
Smart Meter Disposition Rider	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Forgone Revenue Rate Rider - Variable Component (2016)	per kW	250	\$ -	\$ -	\$ 0.1857	\$ 46.43	\$ 46.43	-	\$ -	\$ -	\$ (46.43)	-100.0%
ICM Rate Rider (2014)	per kW	250	\$ 0.0173	\$ 4.33	\$ 0.0173	\$ 4.33	\$ -	0.0%	\$ -	\$ -	\$ (4.33)	-100.0%
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	per kW	250	\$ -	\$ -	\$ 0.0620	\$ 15.50	\$ 15.50	-	\$ 0.0620	\$ 15.50	\$ -	0.0%
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	250	\$ -	\$ -	\$ 0.0196	\$ (4.90)	\$ (4.90)	-	\$ 0.0196	\$ (4.90)	\$ -	0.0%
Account 1575 (2016)	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Smart Grid True-up (2016)	Monthly	1	\$ -	\$ -	\$ 4.81	\$ (4.81)	\$ (4.81)	-	\$ 4.8100	\$ (4.81)	\$ -	0.0%
	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total A (excluding pass through)				\$ 982.47		\$ 1,059.60	\$ 77.13	7.9%		\$ 1,226.82	\$ 167.23	15.8%
Disposition of Deferral/Variance Accounts (2016)	per kW	250	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts - Power (2016)	per kW	250	\$ -	\$ -	\$ 0.1169	\$ 29.23	\$ 29.23	-	\$ 0.1169	\$ 29.23	\$ -	0.0%
Disposition of Deferral/Variance Accounts - Power - Global Adjustment (2016)	per kW	250	\$ -	\$ -	\$ 0.1224	\$ (30.60)	\$ (30.60)	-	\$ 0.1224	\$ (30.60)	\$ -	0.0%
Disposition of Global Adjustment Sub-Account (2014)	per kW	250	\$ -	\$ -	\$ 0.4319	\$ 107.98	\$ 107.98	-	\$ 0.4319	\$ 107.98	\$ -	0.0%
	per kW	250	\$ -	\$ (18.00)	\$ -	\$ -	\$ 18.00	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kW	250	\$ 0.1189	\$ 29.73	\$ 0.1189	\$ 29.73	\$ -	0.0%	\$ 0.1589	\$ 39.73	\$ 10.00	33.6%
Line Losses on Cost of Power		2,760.00	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)				\$ 994.19		\$ 1,195.92	\$ 201.73	20.3%		\$ 1,373.15	\$ 177.23	14.8%
RTSR - Network	per kW	250	\$ 2.9192	\$ 729.80	\$ 2.9192	\$ 729.80	\$ -	0.0%	\$ 2.9268	\$ 731.70	\$ 1.90	0.3%
RTSR - Line and Transformation Connection	per kW	250	\$ 1.1726	\$ 293.15	\$ 1.1726	\$ 293.15	\$ -	0.0%	\$ 1.2618	\$ 315.45	\$ 22.30	7.6%
Sub-Total C - Delivery (including Sub-Total B)				\$ 2,017.14		\$ 2,218.87	\$ 201.73	10.0%		\$ 2,420.30	\$ 201.43	9.1%
Wholesale Market Service Charge (WMSC)	per kWh	82,760	\$ 0.0036	\$ 297.94	\$ 0.0036	\$ 297.94	\$ -	0.0%	\$ 0.0036	\$ 298.63	\$ 0.69	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	82,760	\$ 0.0013	\$ 107.59	\$ 0.0013	\$ 107.59	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ 0.25	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.25	\$ 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%
TOU - Off Peak	per kWh	52,966	\$ 0.0870	\$ 4,608.08	\$ 0.0870	\$ 4,608.08	\$ -	0.0%	\$ 0.0870	\$ 4,618.77	\$ 10.69	0.2%
TOU - Mid Peak	per kWh	14,897	\$ 0.1320	\$ 1,966.38	\$ 0.1320	\$ 1,966.38	\$ -	0.0%	\$ 0.1320	\$ 1,970.94	\$ 4.56	0.2%
TOU - On Peak	per kWh	14,897	\$ 0.1800	\$ 2,681.42	\$ 0.1800	\$ 2,681.42	\$ -	0.0%	\$ 0.1800	\$ 2,687.64	\$ 6.22	0.2%
OESP Charge	per kWh	80,000	\$ 0.0011	\$ 88.00	\$ 0.0011	\$ 88.00	\$ -	0.0%	\$ 0.0011	\$ 88.00	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Total Bill on TOU (before Taxes)				\$ 12,326.79		\$ 12,528.52	\$ 201.73	1.6%		\$ 12,752.36	\$ 223.84	1.8%
HST			13%	\$ 1,602.48	13%	\$ 1,628.71	\$ 26.22	1.6%	13%	\$ 1,657.81	\$ 29.10	1.8%
Total Bill (including HST)				\$ 13,929.28		\$ 14,157.23	\$ 227.95	1.6%		\$ 14,410.17	\$ 252.94	1.8%
Ontario Clean Energy Benefit ¹				\$ -		\$ -	\$ -	-		\$ -	\$ -	-
Total Bill on TOU (including OCEB)				\$ 13,929.28		\$ 14,157.23	\$ 227.95	1.6%		\$ 14,410.17	\$ 252.94	1.8%



Appendix 2-W
 Bill Impacts - Large User

Customer Class: **Large User**

TOU / non-TOU: **TOU**
 Consumption **2,800,000**
 Load **7,350**

	Charge Unit	Volume	2015 Current Board-Approved		2016 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge		
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	
Monthly Service Charge	Monthly	1	\$ 5,966.29	\$ 5,966.29	\$ 6,073.68	\$ 6,073.68	\$ 107.39	1.8%	\$ 5,966.29	\$ 5,966.29	\$ (107.39)	-1.8%	
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
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	\$ 30.93	\$ -	0.0%	\$ -	\$ -	\$ (30.93)	-100.0%	
Forgone Revenue Rate Rider - Fixed Component (2016)	Monthly	1	\$ -	\$ -	\$ 322.17	\$ 322.17	\$ 322.17		\$ -	\$ -	\$ (322.17)	-100.0%	
Distribution Volumetric Rate	per kW	7,350	\$ 1.4159	\$ 10,406.87	\$ 1.4414	\$ 10,594.29	\$ 187.43	1.8%	\$ 2.3344	\$ 17,157.84	\$ 6,563.55	62.0%	
Smart Meter Disposition Rider	per kW	7,350	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
Forgone Revenue Rate Rider - Variable Component (2016)	per kW	7,350	\$ -	\$ -	\$ 0.0759	\$ 557.87	\$ 557.87		\$ -	\$ -	\$ (557.87)	-100.0%	
ICM Rate Rider (2014)	per kW	7,350	\$ 0.0073	\$ 53.66	\$ 0.0073	\$ 53.66	\$ -	0.0%	\$ -	\$ -	\$ (53.66)	-100.0%	
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	per kW	7,350	\$ -	\$ -	\$ 0.0840	\$ 617.40	\$ 617.40		\$ 0.0840	\$ 617.40	\$ -	0.0%	
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	7,350	\$ -	\$ -	\$ 0.0356	\$ (261.66)	\$ (261.66)		\$ -0.0356	\$ (261.66)	\$ -	0.0%	
Account 1575 (2016)	per kW	7,350	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
Smart Grid True-up (2016)	Monthly	1	\$ -	\$ -	\$ 199.61	\$ (199.61)	\$ (199.61)		\$ -199.6100	\$ (199.61)	\$ -	0.0%	
Sub-Total A (excluding pass through)				\$ 16,562.33		\$ 17,893.31	\$ 1,330.98	8.0%		\$ 23,280.26	\$ 5,386.95	30.1%	
Disposition of Deferral/Variance Accounts (2016)	per kW	7,350	\$ -	\$ -	\$ 0.1584	\$ 1,164.24	\$ 1,164.24		\$ 0.1584	\$ 1,164.24	\$ -	0.0%	
Disposition of Deferral/Variance Accounts - Power (2016)	per kW	7,350	\$ -	\$ -	\$ 0.1659	\$ (1,219.37)	\$ (1,219.37)		\$ -0.1659	\$ (1,219.37)	\$ -	0.0%	
Disposition of Deferral/Variance Accounts - Power - Global Adjustment (2016)	per kW	7,350	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
Low Voltage Service Charge	per kW	7,350	\$ 0.1437	\$ 1,056.20	\$ 0.1437	\$ 1,056.20	\$ -	0.0%	\$ 0.1630	\$ 1,198.05	\$ 141.86	13.4%	
Line Losses on Cost of Power		96,600		\$ -	###	\$ -	\$ -			\$ -	\$ -		
Sub-Total B - Distribution (includes Sub-Total A)				\$ 17,618.53		\$ 18,894.38	\$ 1,275.86	7.2%		\$ 24,423.19	\$ 5,528.81	29.3%	
RTSR - Network	per kW	7350	\$ 3.4638	\$ 25,458.93	###	\$ 3.4638	\$ 25,458.93	\$ -	0.0%	\$ 3.5361	\$ 25,990.34	\$ 531.40	2.1%
RTSR - Line and Transformation Connection	per kW	7350	\$ 1.2027	\$ 8,839.85	###	\$ 1.2027	\$ 8,839.85	\$ -	0.0%	\$ 1.3178	\$ 9,685.83	\$ 845.98	9.6%
Sub-Total C - Delivery (including Sub-Total B)				\$ 51,917.30		\$ 53,193.16	\$ 1,275.86	2.5%		\$ 60,099.35	\$ 6,906.20	13.0%	
Wholesale Market Service Charge (WMSC)	per kWh	2,896,600	\$ 0.0036	\$ 10,427.76	###	\$ 0.0036	\$ 10,427.76	\$ -	0.0%	\$ 0.0036	\$ 10,451.95	\$ 24.19	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	2,896,600	\$ 0.0013	\$ 3,765.58	###	\$ 0.0013	\$ 3,765.58	\$ -	0.0%	\$ 0.0013	\$ 3,774.32	\$ 8.74	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	
Debt Retirement Charge (DRC)	per kWh	2,800,000	\$ 0.0070	\$ 19,600.00	\$ 0.0070	\$ 19,600.00	\$ -	0.0%	\$ 0.0070	\$ 19,600.00	\$ -	0.0%	
TOU - Off Peak	per kWh	1,853,824	\$ 0.0870	\$ 161,282.69	###	\$ 0.0870	\$ 161,282.69	\$ -	0.0%	\$ 0.0870	\$ 161,656.86	\$ 374.17	0.2%
TOU - Mid Peak	per kWh	521,388	\$ 0.1320	\$ 68,823.22	###	\$ 0.1320	\$ 68,823.22	\$ -	0.0%	\$ 0.1320	\$ 68,982.88	\$ 159.67	0.2%
TOU - On Peak	per kWh	521,388	\$ 0.1800	\$ 93,849.84	###	\$ 0.1800	\$ 93,849.84	\$ -	0.0%	\$ 0.1800	\$ 94,067.57	\$ 217.73	0.2%
OESP Charge	per kWh	2,800,000	\$ 0.0011	\$ 3,080.00	\$ 0.0011	\$ 3,080.00	\$ -	0.0%	\$ 0.0011	\$ 3,080.00	\$ -	0.0%	
Total Bill on TOU (before Taxes)				\$ 412,746.63		\$ 414,022.49	\$ 1,275.86	0.3%		\$ 421,713.18	\$ 7,690.69	1.9%	
HST			13%	\$ 53,657.06		\$ 53,822.92	\$ 165.86	0.3%	13%	\$ 54,822.71	\$ 999.79	1.9%	
Total Bill (including HST)				\$ 466,403.70		\$ 467,845.41	\$ 1,441.72	0.3%		\$ 476,535.89	\$ 8,690.48	1.9%	
Ontario Clean Energy Benefit ¹						\$ -	\$ -			\$ -	\$ -		
Total Bill on TOU (including OCEB)				\$ 466,403.70		\$ 467,845.41	\$ 1,441.72	0.3%		\$ 476,535.89	\$ 8,690.48	1.9%	



Appendix 2-W
 Bill Impacts - Unmetered Scattered Load

Customer Class: **USL**

TOU / non-TOU: **TOU**

Consumption **150**

	Charge Unit	Volume	2015 Current Board-Approved		2016 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 7.01	\$ 7.01	\$ 7.14	\$ 7.14	\$ 0.13	1.9%	\$ 8.81	\$ 8.81	\$ 1.67	23.4%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ -	0.0%	\$ -	\$ -	\$ (0.11)	-100.0%
ICM Rate Rider (2014)	Monthly	1	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ -	0.0%	\$ -	\$ -	\$ (0.04)	-100.0%
Forgone Revenue Rate Rider - Fixed Component (2016)	Monthly	1	\$ -	\$ -	\$ 0.39	\$ 0.39	\$ 0.39	-	\$ -	\$ -	\$ (0.39)	-100.0%
		1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Distribution Volumetric Rate	per kWh	150	\$ 0.0159	\$ 2.39	\$ 0.0162	\$ 2.43	\$ 0.04	1.9%	\$ 0.0200	\$ 3.00	\$ 0.57	23.5%
Smart Meter Disposition Rider	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Forgone Revenue Rate Rider - Variable Component (2016)	per kWh	150	\$ -	\$ -	\$ 0.0009	\$ 0.14	\$ 0.14	-	\$ -	\$ -	\$ (0.14)	-100.0%
ICM Rate Rider (2014)	per kWh	150	\$ 0.0001	\$ 0.02	\$ 0.0001	\$ 0.02	\$ -	0.0%	\$ -	\$ -	\$ (0.02)	-100.0%
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	per kWh	150	\$ -	\$ -	\$ 0.0002	\$ 0.03	\$ 0.03	-	\$ 0.0002	\$ 0.03	\$ -	0.0%
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	150	\$ -	\$ -	\$ 0.0002	\$ (0.03)	\$ (0.03)	-	\$ 0.0002	\$ (0.03)	\$ -	0.0%
Account 1575 (2016)	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Smart Grid True-up (2016)	Monthly	1	\$ -	\$ -	\$ 0.02	\$ (0.02)	\$ (0.02)	-	\$ 0.0200	\$ (0.02)	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total A (excluding pass through)				\$ 9.56		\$ 10.24	\$ 0.68	7.1%		\$ 11.79	\$ 1.55	15.1%
Disposition of Deferral/Variance Accounts (2016)	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts - Power (2016)	per kWh	150	\$ -	\$ -	\$ 0.0003	\$ 0.05	\$ 0.05	-	\$ 0.0003	\$ 0.05	\$ -	0.0%
	per kWh	150	\$ -	\$ -	\$ 0.0003	\$ (0.05)	\$ (0.05)	-	\$ 0.0003	\$ (0.05)	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kWh	150	\$ 0.0003	\$ 0.05	\$ 0.0003	\$ 0.05	\$ -	0.0%	\$ 0.0005	\$ 0.08	\$ 0.03	66.7%
Line Losses on Cost of Power		5.17	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)				\$ 9.61		\$ 10.29	\$ 0.68	7.1%		\$ 11.87	\$ 1.58	15.4%
RTSR - Network	per kWh	155	\$ 0.0072	\$ 1.12	\$ 0.0072	\$ 1.12	\$ -	0.0%	\$ 0.0069	\$ 1.07	\$ (0.04)	-3.9%
RTSR - Line and Transformation Connection	per kWh	155	\$ 0.0034	\$ 0.53	\$ 0.0034	\$ 0.53	\$ -	0.0%	\$ 0.0035	\$ 0.54	\$ 0.02	3.2%
Sub-Total C - Delivery (including Sub-Total B)				\$ 11.25		\$ 11.93	\$ 0.68	6.0%		\$ 13.48	\$ 1.55	13.0%
Wholesale Market Service Charge (WMSC)	per kWh	155	\$ 0.0036	\$ 0.56	\$ 0.0036	\$ 0.56	\$ -	0.0%	\$ 0.0036	\$ 0.56	\$ 0.00	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	155	\$ 0.0013	\$ 0.20	\$ 0.0013	\$ 0.20	\$ -	0.0%	\$ 0.0013	\$ 0.20	\$ 0.00	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	150	\$ 0.0070	\$ 1.05	\$ 0.0070	\$ 1.05	\$ -	0.0%	\$ 0.0070	\$ 1.05	\$ -	0.0%
TOU - Off Peak	per kWh	99	\$ 0.0870	\$ 8.64	\$ 0.0870	\$ 8.64	\$ -	0.0%	\$ 0.0870	\$ 8.66	\$ 0.02	0.2%
TOU - Mid Peak	per kWh	28	\$ 0.1320	\$ 3.69	\$ 0.1320	\$ 3.69	\$ -	0.0%	\$ 0.1320	\$ 3.70	\$ 0.01	0.2%
TOU - On Peak	per kWh	28	\$ 0.1800	\$ 5.03	\$ 0.1800	\$ 5.03	\$ -	0.0%	\$ 0.1800	\$ 5.04	\$ 0.01	0.2%
OESP Charge	per kWh	150	\$ 0.0011	\$ 0.17	\$ 0.0011	\$ 0.17	\$ -	0.0%	\$ 0.0011	\$ 0.17	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Total Bill on TOU (before Taxes)				\$ 30.83		\$ 31.51	\$ 0.68	2.2%		\$ 33.10	\$ 1.59	5.1%
HST			13%	\$ 4.01	13%	\$ 4.10	\$ 0.09	2.2%	13%	\$ 4.30	\$ 0.21	5.1%
Total Bill (including HST)				\$ 34.84		\$ 35.61	\$ 0.77	2.2%		\$ 37.41	\$ 1.80	5.1%
Ontario Clean Energy Benefit ¹				\$ -		\$ -	\$ -	-		\$ -	\$ -	-
Total Bill on TOU (including OCEB)				\$ 34.84		\$ 35.61	\$ 0.77	2.2%		\$ 37.41	\$ 1.80	5.1%



Appendix 2-W
 Bill Impacts - Sentinel Lighting

Customer Class: **Sentinel**

TOU / non-TOU: **TOU**
 Consumption **180**
 Load **1**

	Charge Unit	Volume	2015 Current Board-Approved		2016 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 3.41	\$ 3.41	\$ 3.47	\$ 3.47	\$ 0.06	1.8%	\$ 4.29	\$ 4.29	\$ 0.82	23.6%
Smart Meter Rate Adder	Monthly	1	-	-	-	-	-	-	-	-	-	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.09	\$ -	0.0%	\$ -	\$ -	\$ (0.09)	-100.0%
ICM Rate Rider (2014)	Monthly	1	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ -	0.0%	\$ -	\$ -	\$ (0.02)	-100.0%
Forgone Revenue Rate Rider - Fixed Component (2016)	Monthly	1	-	-	\$ 0.18	\$ 0.18	\$ 0.18	-	-	-	\$ (0.18)	-100.0%
Distribution Volumetric Rate	per kW	1	\$ 8.0172	\$ 8.02	\$ 8.1615	\$ 8.16	\$ 0.14	1.8%	\$ 10.1097	\$ 10.11	\$ 1.95	23.9%
Smart Meter Disposition Rider	per kW	1	-	-	-	-	-	-	-	-	-	-
Forgone Revenue Rate Rider - Variable Component (2016)	per kW	1	-	-	\$ 0.4232	\$ 0.42	\$ 0.42	-	-	-	\$ (0.42)	-100.0%
ICM Rate Rider (2014)	per kW	1	\$ 0.0416	\$ 0.04	\$ 0.0416	\$ 0.04	\$ -	0.0%	\$ -	\$ -	\$ (0.04)	-100.0%
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	per kW	1	-	-	\$ 0.0641	\$ 0.06	\$ 0.06	-	\$ 0.0641	\$ 0.06	-	0.0%
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	1	-	-	\$ 0.1678	\$ (0.17)	\$ (0.17)	-	\$ 0.1678	\$ (0.17)	-	0.0%
Account 1575 (2016)	per kW	1	-	-	-	-	-	-	-	-	-	-
Smart Grid True-up (2016)	Monthly	1	-	-	\$ 1.19	\$ (1.19)	\$ (1.19)	-	\$ 1.1900	\$ (1.19)	-	0.0%
Sub-Total A (excluding pass through)				\$ 11.58		\$ 11.09	\$ (0.49)	-4.2%		\$ 13.11	\$ 2.01	18.2%
Disposition of Deferral/Variance Accounts (2016)	per kW	1	-	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts - Power (2016)	per kW	1	-	-	\$ 0.1210	\$ 0.12	\$ 0.12	-	\$ 0.1210	\$ 0.12	\$ -	0.0%
	per kW	1	-	-	\$ 0.1267	\$ (0.13)	\$ (0.13)	-	\$ 0.1267	\$ (0.13)	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kW	1	\$ 0.1031	\$ 0.10	\$ 0.1031	\$ 0.10	\$ -	0.0%	\$ 0.1170	\$ 0.12	\$ 0.01	13.5%
Line Losses on Cost of Power		6.21										
Sub-Total B - Distribution (includes Sub-Total A)				\$ 11.68		\$ 11.19	\$ (0.49)	-4.2%		\$ 13.22	\$ 2.03	18.1%
RTSR - Network	per kW	1	\$ 2.2561	\$ 2.26	\$ 2.2561	\$ 2.26	\$ -	0.0%	\$ 2.2743	\$ 2.27	\$ 0.02	0.8%
RTSR - Line and Transformation Connection	per kW	1	\$ 0.8629	\$ 0.86	\$ 0.8629	\$ 0.86	\$ -	0.0%	\$ 0.9336	\$ 0.93	\$ 0.07	8.2%
Sub-Total C - Delivery (including Sub-Total B)				\$ 14.80		\$ 14.31	\$ (0.49)	-3.3%		\$ 16.43	\$ 2.12	14.8%
Wholesale Market Service Charge (WMSC)	per kWh	186	\$ 0.0036	\$ 0.67	\$ 0.0036	\$ 0.67	\$ -	0.0%	\$ 0.0036	\$ 0.67	\$ 0.00	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	186	\$ 0.0013	\$ 0.24	\$ 0.0013	\$ 0.24	\$ -	0.0%	\$ 0.0013	\$ 0.24	\$ 0.00	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	180	\$ 0.0070	\$ 1.26	\$ 0.0070	\$ 1.26	\$ -	0.0%	\$ 0.0070	\$ 1.26	\$ -	0.0%
TOU - Off Peak	per kWh	119.2	\$ 0.0870	\$ 10.37	\$ 0.0870	\$ 10.37	\$ -	0.0%	\$ 0.0870	\$ 10.39	\$ 0.02	0.2%
TOU - Mid Peak	per kWh	33.5	\$ 0.1320	\$ 4.42	\$ 0.1320	\$ 4.42	\$ -	0.0%	\$ 0.1320	\$ 4.43	\$ 0.01	0.2%
TOU - On Peak	per kWh	33.5	\$ 0.1800	\$ 6.03	\$ 0.1800	\$ 6.03	\$ -	0.0%	\$ 0.1800	\$ 6.05	\$ 0.01	0.2%
OESP Charge	per kWh	180	\$ 0.0011	\$ 0.20	\$ 0.0011	\$ 0.20	\$ -	0.0%	\$ 0.0011	\$ 0.20	\$ -	0.0%
				\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Total Bill on TOU (before Taxes)				\$ 38.25		\$ 37.76	\$ (0.49)	-1.3%		\$ 39.92	\$ 2.17	5.7%
HST			13%	\$ 4.97	13%	\$ 4.91	\$ (0.06)	-1.3%	13%	\$ 5.19	\$ 0.28	5.7%
Total Bill (including HST)				\$ 43.22		\$ 42.66	\$ (0.56)	-1.3%		\$ 45.11	\$ 2.45	5.7%
Ontario Clean Energy Benefit ¹							\$ -	-		\$ -	\$ -	-
Total Bill on TOU (including OCEB)				\$ 43.22		\$ 42.66	\$ (0.56)	-1.3%		\$ 45.11	\$ 2.45	5.7%

\$ 1.00



Appendix 2-W
 Bill Impacts - Street Lighting

Customer Class: **S/L**

TOU / non-TOU: **TOU**
 Consumption **280**
 Load **1**

	Charge Unit	Volume	2015 Current Board-Approved		2016 IRM		Impact 2016 vs. 2015		2017 TEST YEAR		Impact 2017 TEST vs. 2016 Bridge	
			Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 1.26	\$ 1.26	\$ 1.28	\$ 1.28	\$ 0.02	1.6%	\$ 1.22	\$ 1.22	\$ (0.06)	-4.7%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ -	0.0%	\$ -	\$ -	\$ (0.02)	-100.0%
ICM Rate Rider (2014)	Monthly	1	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ -	0.0%	\$ -	\$ -	\$ (0.01)	-100.0%
Forgone Revenue Rate Rider - Fixed Component (2016)	Monthly	1	\$ -	\$ -	\$ 0.06	\$ 0.06	\$ 0.06	-	\$ -	\$ -	\$ (0.06)	-100.0%
	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Distribution Volumetric Rate	per kW	1	\$ 6.6546	\$ 6.65	\$ 6.7744	\$ 6.77	\$ 0.12	1.8%	\$ 6.4251	\$ 6.43	\$ (0.35)	-5.2%
Smart Meter Disposition Rider	per kW	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Forgone Revenue Rate Rider - Variable Component (2016)	per kW	1	\$ -	\$ -	\$ 0.2721	\$ 0.27	\$ 0.27	-	\$ -	\$ -	\$ (0.27)	-100.0%
ICM Rate Rider (2014)	per kW	1	\$ 0.0345	\$ 0.03	\$ 0.0345	\$ 0.03	\$ -	0.0%	\$ -	\$ -	\$ (0.03)	-100.0%
Disposition of Deferral/Variance Accounts - Group 2 Accounts (2016)	per kW	1	\$ -	\$ -	\$ 0.0592	\$ 0.06	\$ 0.06	-	\$ 0.0592	\$ 0.06	\$ -	0.0%
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	1	\$ -	\$ -	\$ 0.1455	\$ (0.15)	\$ (0.15)	-	\$ 0.1455	\$ (0.15)	\$ -	0.0%
Account 1575 (2016)	per kW	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Foregone Revenue/Var	Monthly	1	\$ -	\$ -	\$ 0.2721	\$ 0.27	\$ 0.27	-	\$ -	\$ -	\$ (0.27)	-100.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total A (excluding pass through)				\$ 7.98		\$ 8.64	\$ 0.66	8.2%		\$ 7.56	\$ (1.08)	-12.5%
Disposition of Deferral/Variance Accounts (2016)	per kW	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Disposition of Deferral/Variance Accounts - Power (2016)	per kW	1	\$ -	\$ -	\$ 0.1116	\$ 0.11	\$ 0.11	-	\$ 0.1116	\$ 0.11	\$ -	0.0%
Disposition of Deferral/Variance Accounts - Power - Global Adjustment (2016)	per kW	1	\$ -	\$ -	\$ 0.1169	\$ (0.12)	\$ (0.12)	-	\$ 0.1169	\$ (0.12)	\$ -	0.0%
Disposition of Global Adjustment Sub-Account (2014)	per kW	1	\$ -0.0653	\$ (0.07)	\$ -	\$ -	\$ 0.07	-100.0%	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Low Voltage Service Charge	per kW	1	\$ 0.0917	\$ 0.09	\$ 0.0917	\$ 0.09	\$ -	0.0%	\$ 0.1288	\$ 0.13	\$ 0.04	40.5%
Line Losses on Cost of Power		9.66	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)				\$ 8.01		\$ 9.14	\$ 1.13	14.1%		\$ 8.09	\$ (1.04)	-11.4%
RTSR - Network	per kW	1	\$ 2.2203	\$ 2.22	\$ 2.2203	\$ 2.22	\$ -	0.0%	\$ 2.9431	\$ 2.94	\$ 0.72	32.6%
RTSR - Line and Transformation Connection	per kW	1	\$ 0.9503	\$ 0.95	\$ 0.9503	\$ 0.95	\$ -	0.0%	\$ 1.3520	\$ 1.35	\$ 0.40	42.3%
Sub-Total C - Delivery (including Sub-Total B)				\$ 11.18		\$ 12.31	\$ 1.13	10.1%		\$ 12.39	\$ 0.08	0.7%
Wholesale Market Service Charge (WMSC)	per kWh	289.7	\$ 0.0036	\$ 1.04	\$ 0.0036	\$ 1.04	\$ -	0.0%	\$ 0.0036	\$ 1.05	\$ 0.00	0.2%
Rural and Remote Rate Protection (RRRP)	per kWh	289.7	\$ 0.0013	\$ 0.38	\$ 0.0013	\$ 0.38	\$ -	0.0%	\$ 0.0013	\$ 0.38	\$ 0.00	0.2%
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%
Debt Retirement Charge (DRC)	per kWh	280	\$ 0.0070	\$ 1.96	\$ 0.0070	\$ 1.96	\$ -	0.0%	\$ 0.0070	\$ 1.96	\$ -	0.0%
TOU - Off Peak	per kWh	185.4	\$ 0.0870	\$ 16.13	\$ 0.0870	\$ 16.13	\$ -	0.0%	\$ 0.0870	\$ 16.17	\$ 0.04	0.2%
TOU - Mid Peak	per kWh	52.1	\$ 0.1320	\$ 6.88	\$ 0.1320	\$ 6.88	\$ -	0.0%	\$ 0.1320	\$ 6.90	\$ 0.02	0.2%
TOU - On Peak	per kWh	52.1	\$ 0.1800	\$ 9.38	\$ 0.1800	\$ 9.38	\$ -	0.0%	\$ 0.1800	\$ 9.41	\$ 0.02	0.2%
OESP Charge	per kWh	280	\$ 0.0011	\$ 0.31	\$ 0.0011	\$ 0.31	\$ -	0.0%	\$ 0.0011	\$ 0.31	\$ -	0.0%
			\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Total Bill on TOU (before Taxes)				\$ 47.51		\$ 48.64	\$ 1.13	2.4%		\$ 48.80	\$ 0.16	0.3%
HST			13%	\$ 6.18	13%	\$ 6.32	\$ 0.15	2.4%	13%	\$ 6.34	\$ 0.02	0.3%
Total Bill (including HST)				\$ 53.69		\$ 54.96	\$ 1.28	2.4%		\$ 55.15	\$ 0.18	0.3%
Ontario Clean Energy Benefit ¹				\$ -		\$ -	\$ -	-		\$ -	\$ -	-
Total Bill on TOU (including OCEB)				\$ 53.69		\$ 54.96	\$ 1.28	2.4%		\$ 55.15	\$ 0.18	0.3%

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

[1. Info](#)

[2. Table of Contents](#)

[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

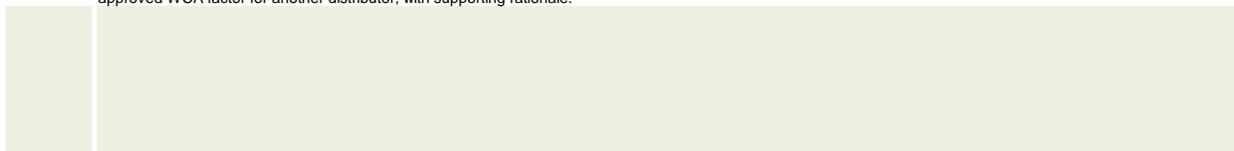
Revenue Requirement Workform (RRWF) for 2015 Filers

Data Input ⁽¹⁾

	Initial Application	(2)	Adjustments	Interrogatory Responses	(6)	Adjustments	Per Board Decision
1 Rate Base							
Gross Fixed Assets (average)	\$1,254,110,434		\$3,000,000	#####		(\$5,516,763)	\$1,251,593,671
Accumulated Depreciation (average)	(\$255,309,557)	(5)	(\$300,000)	(\$255,609,557)		\$140,129	(\$255,469,429)
Allowance for Working Capital:							
Controllable Expenses	\$98,112,314		\$3,696,095	\$ 101,808,409		(\$5,641,166)	\$96,167,243
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		\$3,150,972	\$165,649,895
Distribution Revenue at Proposed Rates	\$211,062,321		(\$737,607)	\$210,324,714		(\$6,019,127)	\$204,305,587
Other Revenue:							
Specific Service Charges	\$3,474,784		\$0	\$3,474,784		\$0	\$3,474,784
Late Payment Charges	\$2,076,532		\$0	\$2,076,532		\$0	\$2,076,532
Other Distribution Revenue	\$2,025,296		\$0	\$2,025,296		\$0	\$2,025,296
Other Income and Deductions	\$5,141,699		\$0	\$5,141,699		\$0	\$5,141,699
Total Revenue Offsets	\$12,718,312	(7)	\$0	\$12,718,312		\$0	\$12,718,312
Operating Expenses:							
OM+A Expenses	\$96,510,540		\$3,696,095	\$ 100,206,635		(\$5,641,166)	\$94,565,469
Depreciation/Amortization	\$51,161,387		\$300,000	\$ 51,461,387		(\$257,835)	\$51,203,551
Property taxes	\$1,601,774		\$ -	\$ 1,601,774		(\$0)	\$1,601,774
Other expenses							
3 Taxes/PILs							
Taxable Income:							
Adjustments required to arrive at taxable income	(\$27,130,035)	(3)		(\$27,030,035)			(\$26,168,908)
Utility Income Taxes and Rates:							
Income taxes (not grossed up)	\$3,074,594			\$2,467,781			\$2,638,806
Income taxes (grossed up)	\$4,183,121			\$3,357,525			\$3,590,212
Federal tax (%)	15.00%			15.00%			15.00%
Provincial tax (%)	11.50%			11.50%			11.50%
Income Tax Credits	(\$1,131,993)			(\$1,131,993)			(\$1,131,993)
4 Capitalization/Cost of Capital							
Capital Structure:							
Long-term debt Capitalization Ratio (%)	56.0%			56.0%			56.0%
Short-term debt Capitalization Ratio (%)	4.0%	(8)		4.0%	(8)		4.0% (8)
Common Equity Capitalization Ratio (%)	40.0%			40.0%			40.0%
Preferred Shares Capitalization Ratio (%)							
	100.0%			100.0%			100.0%
Cost of Capital							
Long-term debt Cost Rate (%)	4.01%			4.01%			4.01%
Short-term debt Cost Rate (%)	3.00%			3.00%			3.00%
Common Equity Cost Rate (%)	9.30%			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)	\$1,254,110,434	\$3,000,000	\$1,257,110,434	(\$5,516,763)	\$1,251,593,671
2	Accumulated Depreciation (average)	(3)	(\$255,309,557)	(\$300,000)	(\$255,609,557)	\$140,129	(\$255,469,429)
3	Net Fixed Assets (average)	(3)	\$998,800,877	\$2,700,000	\$1,001,500,877	(\$5,376,634)	\$996,124,242
4	Allowance for Working Capital	(1)	\$157,219,200	(\$66,943,524)	\$90,275,676	(\$423,087)	\$89,852,589
5	Total Rate Base		<u>\$1,156,020,076</u>	<u>(\$64,243,524)</u>	<u>\$1,091,776,553</u>	<u>(\$5,799,722)</u>	<u>\$1,085,976,831</u>

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses		\$98,112,314	\$3,696,095	\$101,808,409	(\$5,641,166)	\$96,167,243
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	(\$5,641,166)	\$1,198,034,515
9	Working Capital Rate %	(2)	13.00%	-5.50%	7.50%	0.00%	7.50%
10	Working Capital Allowance		<u>\$157,219,200</u>	<u>(\$66,943,524)</u>	<u>\$90,275,676</u>	<u>(\$423,087)</u>	<u>\$89,852,589</u>

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	(\$6,019,127)	\$204,305,587
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	(\$6,019,127)	\$217,023,899
Operating Expenses:						
4	OM+A Expenses	\$96,510,540	\$3,696,095	\$100,206,635	(\$5,641,166)	\$94,565,469
5	Depreciation/Amortization	\$51,161,387	\$300,000	\$51,461,387	(\$257,835)	\$51,203,551
6	Property taxes	\$1,601,774	\$ -	\$1,601,774	(\$0)	\$1,601,774
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$149,273,700	\$3,996,095	\$153,269,795	(\$5,899,001)	\$147,370,794
10	Deemed Interest Expense	\$27,319,864	(\$1,518,247)	\$25,801,617	(\$137,063)	\$25,664,554
11	Total Expenses (lines 9 to 10)	\$176,593,565	\$2,477,848	\$179,071,412	(\$6,036,064)	\$173,035,348
12	Utility income before income taxes	\$47,187,068	(\$3,215,455)	\$43,971,613	\$16,937	\$43,988,550
13	Income taxes (grossed-up)	\$4,183,121	(\$825,596)	\$3,357,525	\$232,687	\$3,590,212
14	Utility net income	\$43,003,947	(\$2,389,859)	\$40,614,088	(\$215,750)	\$40,398,338

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



Revenue Requirement Workform (RRWF) for 2015 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
Determination of Taxable Income				
1	Utility net income before taxes	\$43,003,947	\$40,614,088	\$40,398,338
2	Adjustments required to arrive at taxable utility income	(\$27,130,035)	(\$27,030,035)	(\$26,168,908)
3	Taxable income	<u>\$15,873,912</u>	<u>\$13,584,053</u>	<u>\$14,229,431</u>
Calculation of Utility income Taxes				
4	Income taxes	\$3,074,594	\$2,467,781	\$2,638,806
6	Total taxes	<u>\$3,074,594</u>	<u>\$2,467,781</u>	<u>\$2,638,806</u>
7	Gross-up of Income Taxes	\$1,108,527	\$889,744	\$951,406
8	Grossed-up Income Taxes	<u>\$4,183,121</u>	<u>\$3,357,525</u>	<u>\$3,590,212</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$4,183,121</u>	<u>\$3,357,525</u>	<u>\$3,590,212</u>
10	Other tax Credits	(\$1,131,993)	(\$1,131,993)	(\$1,131,993)
Tax Rates				
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

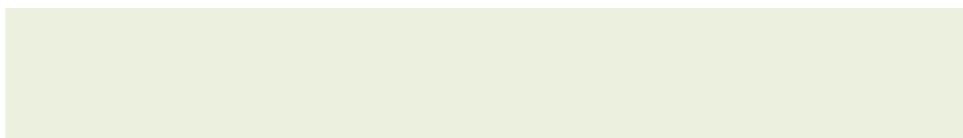
Capitalization/Cost of Capital

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%	\$608,147,025	4.01%	\$24,361,382
9	Short-term Debt	4.00%	\$43,439,073	3.00%	\$1,303,172
10	Total Debt	60.00%	\$651,586,099	3.94%	\$25,664,554
	Equity				
11	Common Equity	40.00%	\$434,390,732	9.30%	\$40,398,338
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$434,390,732	9.30%	\$40,398,338
14	Total	100.00%	\$1,085,976,831	6.08%	\$66,062,892

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		\$38,655,691
2	Distribution Revenue	\$163,344,950	\$163,344,950	\$162,498,923	\$162,498,923	\$165,649,895	\$165,649,895
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>\$178,368,207</u>	<u>\$217,023,899</u>
5	Operating Expenses	\$149,273,700	\$149,273,700	\$153,269,795	\$153,269,795	\$147,370,794	\$147,370,794
6	Deemed Interest Expense	\$27,319,864	\$27,319,864	\$25,801,617	\$25,801,617	\$25,664,554	\$25,664,554
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>\$173,035,348</u>	<u>\$173,035,348</u>
9	Utility Income Before Income Taxes	<u>(\$530,303)</u>	\$47,187,068	<u>(\$3,854,178)</u>	\$43,971,613	\$5,332,859	\$43,988,550
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>(\$26,168,908)</u>	<u>(\$26,168,908)</u>
11	Taxable Income	<u>(\$27,660,337)</u>	\$20,057,033	<u>(\$30,884,212)</u>	\$16,941,578	<u>(\$20,836,049)</u>	\$17,819,643
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>(\$5,521,553)</u>	\$4,722,205
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>\$11,986,405</u>	<u>\$40,398,338</u>
16	Utility Rate Base	\$1,156,020,076	\$1,156,020,076	\$1,091,776,553	\$1,091,776,553	\$1,085,976,831	\$1,085,976,831
17	Deemed Equity Portion of Rate Base	\$462,408,031	\$462,408,031	\$436,710,621	\$436,710,621	\$434,390,732	\$434,390,732
18	Income/(Equity Portion of Rate Base)	1.72%	9.30%	1.25%	9.30%	2.76%	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%	-6.54%	0.00%
21	Indicated Rate of Return	3.05%	6.08%	2.86%	6.08%	3.47%	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%	-2.62%	0.00%
24	Target Return on Equity	\$43,003,947	\$43,003,947	\$40,614,088	\$40,614,088	\$40,398,338	\$40,398,338
25	Revenue Deficiency/(Sufficiency)	\$35,072,267	\$ -	\$35,151,956	\$0	\$28,411,933	\$ -
26	Gross Revenue Deficiency/(Sufficiency)	<u>\$47,717,370 (1)</u>		<u>\$47,825,791 (1)</u>		<u>\$38,655,691 (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	\$94,565,469
2	Amortization/Depreciation	\$51,161,387	\$51,461,387	\$51,203,551
3	Property Taxes	\$1,601,774	\$1,601,774	\$1,601,774
5	Income Taxes (Grossed up)	\$4,183,121	\$3,357,525	\$3,590,212
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$27,319,864	\$25,801,617	\$25,664,554
	Return on Deemed Equity	\$43,003,947	\$40,614,088	\$40,398,338
8	Service Revenue Requirement (before Revenues)	<u>\$223,780,633</u>	<u>\$223,043,025</u>	<u>\$217,023,899</u>
9	Revenue Offsets	\$12,718,312	\$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>\$204,305,587</u>
11	Distribution revenue	\$211,062,321	\$210,324,714	\$204,305,587
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>\$217,023,899</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



PowerStream Inc.
EB-2015-0003
Revenue Requirement Change Analysis
August 15, 2016 DRO

2017 Test Year

Item / Description (2)	Cost of Capital		Rate Base and Capital Expenditures				Operating Expenses			Revenue Requirement	
	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
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)
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
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)
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)
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Old Average PP&E	(60,923,993)		(1,001,500,877)			(51,461,387)			(112,385,379)		(112,385,379)
New Average PP&E	60,596,918		996,124,242			\$51,203,551			111,800,469		111,800,469
Net change	(327,075)	0.00%	(5,376,634)	-	-	(257,835)	-	-	(584,910)	-	(584,910)
Old WCA % 13%	(5,491,712)		(90,275,676)	(1,203,675,681)	(90,275,676)				(5,491,712)		(5,491,712)
New WCA % 7.5%	5,465,975		89,852,589	1,198,034,515	89,852,589				5,465,975		5,465,975
Net change	(25,738)	0.00%	(423,087)	(5,641,166)	(423,087)	-	-	-	(25,738)	-	(25,738)
Old PILs						(3,357,525)			(3,357,525)		(3,357,525)
New PILs						3,590,212			3,590,212		3,590,212
Net change	-	0.00%	-	-	-	232,687	-	-	232,687	-	232,687
Old OM&A								(101,808,409)	(101,808,409)		(101,808,409)
New OM&A								96,167,243	96,167,243		96,167,243
Net change	-	0.00%	-	-	-	-	-	(5,641,166)	(5,641,166)	-	(5,641,166)
Overall Changes	\$ (352,813)	0.00%	\$ (5,799,722)	\$ (5,641,166)	\$ (423,087)	\$ (257,835)	\$ 232,687	\$ (5,641,166)	\$ (6,019,127)	\$ -	\$ (6,019,127)
Revised Amounts	\$ 66,062,892	0.00%	\$ 1,085,976,831	\$ 1,198,034,515	\$ 89,852,589	\$ 51,203,551	\$ 3,590,212	\$ 96,167,243	\$ 217,023,899	\$ 12,718,312	\$ 204,305,587
Decision	\$ 66,062,892	6.08%	\$ 1,085,976,831	\$ 1,198,034,515	\$ 89,852,589	\$ 51,203,551	\$ 3,590,212	\$ 96,167,243	\$ 217,023,899	\$ 12,718,312	\$ 204,305,587



Income Tax/PILs Workform for 2016 Custom IR

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](#)

[M. Adj. Taxable Income Bridge](#)

[N. PILs,Tax Provision Bridge](#)

[O. Schedule 8 CCA Test Year](#)

[P. Schedule 10 CEC Test Year](#)

[Q Sch 13 Tax Reserve Test Year](#)

[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 (2017)	
Rate Base	\$ 1,071,267,833	\$ 1,085,976,831	
Return on Ratebase			
Deemed ShortTerm Debt	\$ 42,850,713	\$ 43,439,073	$W = S * T$
Deemed Long Term Debt	\$ 599,909,986	\$ 608,147,025	$X = S * U$
Deemed Equity	\$ 428,507,133	\$ 434,390,732	$Y = S * V$
Short Term Interest Rate	\$ 707,037	\$ 1,303,172	$AC = W * Z$
Long Term Interest	\$ 23,749,049	\$ 24,361,382	$AD = X * AA$
Return on Equity (Regulatory Income)	\$ 39,851,163	\$ 40,398,338	$AE = Y * AB$
Return on Rate Base	\$ 64,307,249	\$ 66,062,892	$AF = AC + AD + AE$

Return on Rate Base Parameters

Deemed ShortTerm Debt %	T	4.00%	4.00%
Deemed Long Term Debt %	U	56.00%	56.00%
Deemed Equity %	V	40.00%	40.00%
Short Term Interest Rate	Z	1.65%	3.00%
Long Term Interest	AA	3.96%	4.01%
Return on Equity	AB	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 2010
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?							



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		x 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		x 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		x 3/4 =	0

Cumulative Eligible Capital Balance **5,818,711**

Current Year Deduction **5,818,711 x 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
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
<i>Other deductions: (Please explain in detail the nature of the item)</i>				
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.

Regulatory Taxable Income

Wires Only

\$ 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



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	0
Other Adjustments Add (+) Deduct (-)	0
Balance available for use in Test Year	0
Amount to be used in Bridge Year	0
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	0
Other Adjustments Add (+) Deduct (-)	0
Balance available for use in Test Year	0
Amount to be used in Bridge Year	0
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
Ontario Income Taxes				
<i>Income tax payable</i>	Ontario Income Tax	11.50%	B	$C = A * B$
<i>Small business credit</i>	Ontario Small Business Threshold	\$ -	D	
	Rate reduction	-7.00%	E	$F = D * E$
<i>Ontario Income tax</i>			\$ -	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			-\$ 2,465,398	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	

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.



Income Tax/PILs Workform for 2016 Custom IR

Schedule 10 CEC	Test Year 1 (2016)		Test Year 2 (2017)	
Cumulative Eligible Capital		5,055,621		4,725,442
Additions				
Cost of Eligible Capital Property Acquired during Test Year	34,000		30,000	
Other Adjustments	0		0	
Subtotal	<u>34,000</u>	x 3/4 = 25,500	<u>30,000</u>	x 3/4 = 22,500
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
		<u>25,500</u>	<u>22,500</u>	22,500
Amount transferred on amalgamation or wind-up of subsidiary	0		0	
Subtotal		<u>5,081,121</u>		<u>4,747,942</u>
Deductions				
Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all ECP during Test Year	0		0	
Other Adjustments	0		0	
Subtotal	<u>0</u>	x 3/4 = 0	<u>0</u>	x 3/4 = 0
Cumulative Eligible Capital Balance		5,081,121		4,747,942
Current Year Deduction (Carry Forward to Tab "Test Year Taxable Income")	5,081,121	x 7% = 355,678	4,747,942	x 7% = 332,356
Cumulative Eligible Capital - Closing Balance		4,725,442		4,415,586



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



Income Tax/PILs Workform for 2016 Custom IR

Schedule 7-1 Loss Carry Forward

Test Year 1 (2016)

Test Year 2 (2017)

Corporation Loss Continuity and Application

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



Income Tax/PILs Workform for 2016 Custom IR

PILs Tax Provision - Test Year 1 (2016)

						Wires Only	
Regulatory Taxable Income						-\$ 6,436,080 A	
Ontario Income Taxes							
<i>Income tax payable</i>	Ontario Income Tax	4.50%	B	\$ -		C = A * B	
<i>Small business credit</i>	Ontario Small Business Threshold	\$ -	D				
	Rate reduction	-7.00%	E	\$ -		F = D * E	
<i>Ontario Income tax</i>						\$ - 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						-\$ 1,705,561 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						-\$ 2,827,154 R = N - Q	
Corporate PILs/Income Tax Provision Gross Up ¹				73.50%	S = 1 - M	-\$ 1,019,314 T = R / S - R	
Income Tax (grossed-up)						-\$ 3,846,468 U = R + T	

Note:

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

PILs Tax Provision - Test Year 2 (2017)

Wires Only

Regulatory Taxable Income						\$ 14,229,431	A
Ontario Income Taxes							
<i>Income tax payable</i>	Ontario Income Tax	11.50%	B	\$	1,636,385	C = A * B	
<i>Small business credit</i>	Ontario Small Business Threshold	\$ 500,000	D				
	Rate reduction	-7.00%	E			F = D * E	
 <i>Ontario Income tax</i>						\$ 1,636,385	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						\$ 3,770,799	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						\$ 2,638,806	R = N - Q
	Corporate PILs/Income Tax Provision Gross Up ¹				73.50%	\$ 951,406	S = 1 - M
Income Tax (grossed-up)						\$ 3,590,212	U = R + T

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

**Appendix 2-V
 Revenue Reconciliation - 2017 TEST YEAR**

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	329,696	333,233	331,465	2,689,802,037		\$ 18.95	\$ 0.0133		\$ 111,149,394	\$ 111,092,397	\$ 111,092,397	-\$ 56,997	
GS < 50 kW	Customers	32,603	32,948	32,776	1,031,991,524		\$ 29.32	\$ 0.0188		\$ 30,934,675	\$ 30,952,867	\$ 30,952,867	\$ 18,192	
GS > 50 to 4,999 kW	Customers	5,023	5,138	5,081	4,566,530,904	12,192,632	\$ 138.48		\$ 4.3302	\$ 61,239,105	\$ 59,091,978	\$ 2,146,974	\$ 61,238,952	-\$ 152
Large Use	Customers	2	2	2	75,964,677	149,679	\$ 5,966.29		\$ 2.3344	\$ 492,602	\$ 402,799	\$ 89,807	\$ 492,606	\$ 5
Streetlighting	Connections	88,990	90,469	89,730	45,603,291	127,503	\$ 1.22		\$ 6.4251	\$ 2,132,858	\$ 2,132,846		\$ 2,132,846	-\$ 13
Sentinel Lighting	Connections	207	207	207	377,900	975	\$ 4.29		\$ 10.1097	\$ 20,511	\$ 20,511		\$ 20,511	\$ 0
Unmetered Scattered Load	Customers	3,011	3,077	3,044	14,542,413		\$ 8.81	\$ 0.0200		\$ 612,660	\$ 612,191		\$ 612,191	-\$ 469
Total										\$ 206,581,805	\$ 204,305,588	\$ 2,236,782	\$ 206,542,370	-\$ 39,435

Note

- The class specific revenue requirements in column N must be the amounts used in the final rate design process. The total of column N should equate to the proposed base revenue requirement.
- Rates should be entered with the number of decimal places that will show on the Tariff of Rates and Charges.



2016 IRM Workform

Utility Name	PowerStream Inc.
Service Territory	York Region
Assigned EB Number	EB-2004-0420
Name of Contact and Title	Tom Barrett, Manager, Rates Applications
Phone Number	905-532-4640
Email Address	tom.barrett@powerstream.ca
We are applying for rates effective	January 1, 2016
Rate-Setting Method	Price Cap IR
Please indicate the last Cost of Service Re-Basing Year	2013



2016 IRM Workform

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2015

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

EB-2014-0108

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	\$	12.67
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.20
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.07
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0140
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until December 31, 2015 Applicable only for Non-RPP Customers.	\$/kWh	(0.0002)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2015) - effective until December 31, 2015	\$/kWh	0.0001
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism - effective until December 31, 2015 applicable only to each customer or connection in the Barrie Rate Zone	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0080

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 or Remote Electricity Rate Protection Charge (RRRP)	\$/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	\$	26.08
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.55
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.14
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0139
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until December 31, 2015 Applicable only for Non-RPP Customers.	\$/kWh	(0.0002)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2015) - effective until December 31, 2015	\$/kWh	0.0004
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism - effective until December 31, 2015 applicable only to each customer or connection in the Barrie Rate Zone	\$/kWh	0.0004
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0030

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/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 - effective until December 31, 2016	\$	6.99
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.72
Distribution Volumetric Rate	\$/kW	3.3278
Low Voltage Service Rate	\$/kW	0.1189
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kW	(0.2207)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until December 31, 2015 Applicable only for Non-RPP Customers.	\$/kW	(0.0720)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0173
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2015) - effective until December 31, 2015	\$/kW	0.0134
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism - effective until December 31, 2015 applicable only to each customer or connection in the Barrie Rate Zone	\$/kW	0.0099
Retail Transmission Rate - Network Service Rate	\$/kW	2.9192
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1726
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.0601
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.2687

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/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 - effective until December 31, 2016	\$	104.59
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	30.93
Distribution Volumetric Rate	\$/kW	1.4159
Low Voltage Service Rate	\$/kW	0.1437
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kW	(0.1973)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0073
Retail Transmission Rate - Network Service Rate	\$/kW	3.4638
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2027

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/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.

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 - APPROVED ON AN INTERIM BASIS

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

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)	\$	7.01
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.11
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.04
Distribution Volumetric Rate	\$/kWh	0.0159
Low Voltage Service Rate	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kWh	(0.0006)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until December 31, 2015 Applicable only for Non-RPP Customers.	\$/kWh	(0.0002)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0072
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 or Remote Electricity Rate Protection Charge (RRRP)	\$/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)	\$	3.41
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.09
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.02
Distribution Volumetric Rate	\$/kW	8.0172
Low Voltage Service Rate	\$/kW	0.1031
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kW	(0.2297)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until December 31, 2015 Applicable only for Non-RPP Customers.	\$/kW	(0.0732)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0416
Retail Transmission Rate - Network Service Rate	\$/kW	2.2561
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8629

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/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
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.02
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$	0.01
Distribution Volumetric Rate	\$/kW	6.6546
Low Voltage Service Rate	\$/kW	0.0917
Rate Rider for Disposition of Deferral/Variance Accounts (2014) - effective until December 31, 2015	\$/kW	(0.2002)
Rate Rider for Disposition of Global Adjustment Account (2014) - effective until December 31, 2015 Applicable only for Non-RPP Customers.	\$/kW	(0.0653)
Rate Rider for Recovery of Incremental Capital Module Costs (2014) - in effect until the effective date of the next cost of service-based rate order	\$/kW	0.0345
Retail Transmission Rate - Network Service Rate	\$/kW	2.2203
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9503

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/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.

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

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
Special meter reads	\$	30.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	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

Other

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 - Primary Metered Customer < 5,000 kW	1.0243
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0345
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0045
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0145



2016 IRM Workform

Price Escalator	2.10%	Productivity Factor	0.00%
Choose Stretch Factor Group	III	Price Cap Index	1.80%
Associated Stretch Factor Value	0.30%		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	12.67		0.0140		1.80%	12.90	0.0143
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	26.08		0.0139		1.80%	26.55	0.0142
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	138.48		3.3278		1.80%	140.97	3.3877
LARGE USE SERVICE CLASSIFICATION	5,966.29		1.4159		1.80%	6,073.68	1.4414
STANDBY POWER SERVICE CLASSIFICATION			2.7584		1.80%		2.8081
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	7.01		0.0159		1.80%	7.14	0.0162
SENTINEL LIGHTING SERVICE CLASSIFICATION	3.41		8.0172		1.80%	3.47	8.1615
STREET LIGHTING SERVICE CLASSIFICATION	1.26		6.6546		1.80%	1.28	6.7744
microFIT SERVICE CLASSIFICATION	5.40					5.40	

Note: There are no related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor is set at the 2016 values.



Ontario Energy Board

2016 Deferral/Variance Account Workform

Version 2.6

Utility Name	<input type="text"/>
Service Territory	<input type="text"/>
Assigned EB Number	<input type="text"/>
Name of Contact and Title	<input type="text"/>
Phone Number	<input type="text"/>
Email Address	<input type="text"/>

General Notes

Notes

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

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

		2009										2010				
Account Descriptions	Account Number	Opening Principal Amounts as of Jan-1-09	Transactions ¹ Debit/ (Credit) during 2009	Board-Approved Disposition during 2009	Principal Adjustments ² during 2009	Closing Principal Balance as of Dec-31-09	Opening Interest Amounts as of Jan-1-09	Interest Jan-1 to Dec-31-09	Board-Approved Disposition during 2009	Interest Adjustments ¹ during 2009	Closing Interest Amounts as of Dec-31-09	Opening Principal Amounts as of Jan-1-10	Transactions ² Debit/ (Credit) during 2010	Board-Approved Disposition during 2010	Principal Adjustments ² during 2010	Closing Principal Balance as of Dec-31-10
37	Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital ⁵	1555				\$0				\$0	\$0				\$0	
38	Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries ⁵	1555				\$0				\$0	\$0				\$0	
39	Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs ⁵	1555				\$0				\$0	\$0				\$0	
40	Smart Meter OM&A Variance ⁵	1556				\$0				\$0	\$0				\$0	
41	IFRS-CGAAP Transition PP&E Amounts Balance + Return Component ⁶	1575														
42	Accounting Changes Under CGAAP Balance + Return Component ⁶	1576														

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e.g: debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related Board decision.

¹ Do not include interest, adjustments, or OEB approved dispositions in this column

² Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:

³ "By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of January 1, 2011 will require a variance account for OCEB purposes... The Board expects that any principal balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will be addressed through the monthly settlement process with the IESO or the host distributor, as applicable.

⁴ Please describe "other" components of 1508 and add more component lines if necessary.

⁵ Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Variance Account rate rider. For details on how to dispose of balances in Smart Meter accounts see the Board's Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

⁶ The Board requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In the "Adjustments during 2015" column of the continuity schedule, please enter the amounts to be included in the Account 1575 and 1576 rate rider calculation from the applicable Chapter 2 appendices. For Account 1575, please provide the value in cell F39 from the relevant Chapter 2 Appendix (i.e. 2-EA, 2-EB or 2-EC). For Account 1576, please provide the value in cell F39 from the relevant Chapter 2 Appendix (i.e. 2-ED or 2-EE).

Ontario Energy Board

2016 Deferral/Variance Account Workform

Account Descriptions	Account Number						2011										Opening Principal Amounts as of Jan-1-12
		Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	Board-Approved Disposition during 2010	Interest Adjustments ¹ during 2010	Closing Interest Amounts as of Dec-31-10	Opening Principal Amounts as of Jan-1-11	Transactions ² Debit/ (Credit) during 2011	Board-Approved Disposition during 2011	Principal Adjustments ² during 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	Board-Approved Disposition during 2011	Interest Adjustments ¹ during 2011	Closing Interest Amounts as of Dec-31-11	
Group 1 Accounts																	
LV Variance Account	1550	\$0				\$0	\$0	-\$680,807			-\$680,807	\$0	-\$25,273			-\$25,273	-\$680,807
Smart Metering Entity Charge Variance Account	1551	\$0				\$0	\$0	\$0			\$0	\$0				\$0	\$0
RSVA - Wholesale Market Service Charge	1580	\$0				\$0	\$0	-\$22,160,709			-\$22,160,709	\$0	-\$453,592			-\$453,592	-\$22,160,709
RSVA - Retail Transmission Network Charge	1584	\$0				\$0	\$0	\$2,673,296			\$2,673,296	\$0	-\$116,407			-\$116,407	\$2,673,296
RSVA - Retail Transmission Connection Charge	1586	\$0				\$0	\$0	-\$3,227,883			-\$3,227,883	\$0	-\$156,955			-\$156,955	-\$3,227,883
RSVA - Power (excluding Global Adjustment)	1588	\$0				\$0	\$0	\$2,102,302		-\$13	\$2,102,289	\$0	\$400,055			\$400,055	\$2,102,289
RSVA - Global Adjustment	1589	\$0				\$0	\$0	\$17,526,364			\$17,526,364	\$0	\$668,802			\$668,802	\$17,526,364
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	\$0				\$0	\$0	-\$1,042			-\$1,042	\$0	\$3,222			\$3,222	-\$1,042
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	\$0				\$0	\$0				\$0					\$0	\$0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	\$0				\$0	\$0				\$0					\$0	\$0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	\$0				\$0	\$0	\$2,233,467			\$2,233,467	\$0	-\$1,943,690			-\$1,943,690	\$2,233,467
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	\$0				\$0	\$0				\$0					\$0	\$0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$0				\$0	\$0				\$0					\$0	\$0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	\$0				\$0	\$0				\$0					\$0	\$0
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	-\$1,535,012	\$0	-\$13	-\$1,535,025	\$0	-\$1,623,838	\$0	\$0	-\$1,623,838	-\$1,535,025
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0	\$0	\$0	\$0	\$0	-\$19,061,376	\$0	-\$13	-\$19,061,389	\$0	-\$2,292,640	\$0	\$0	-\$2,292,640	-\$19,061,389
RSVA - Global Adjustment	1589	\$0	\$0	\$0	\$0	\$0	\$0	\$17,526,364	\$0	\$0	\$17,526,364	\$0	\$668,802	\$0	\$0	\$668,802	\$17,526,364
Group 2 Accounts																	
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	\$0				\$0	\$0	-\$69,263			-\$69,263	\$0	\$7,219			\$7,219	-\$69,263
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$0				\$0	\$0				\$0					\$0	\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act ⁸	1508										\$0					\$0	\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508										\$0					\$0	\$0
Other Regulatory Assets - Sub-Account - Other ⁴	1508	\$0				\$0	\$0	\$65,841			\$65,841	\$0	\$1,281			\$1,281	\$65,841
Retail Cost Variance Account - Retail	1518	\$0				\$0	\$0	-\$675			-\$675	\$0	\$11,326			\$11,326	-\$675
Misc. Deferred Debits	1525	\$0				\$0	\$0	-\$24,855			-\$24,855	\$0	\$10,879			\$10,879	-\$24,855
Board-Approved CDM Variance Account	1567	\$0				\$0	\$0				\$0					\$0	\$0
Extra-Ordinary Event Costs	1572	\$0				\$0	\$0				\$0					\$0	\$0
Deferred Rate Impact Amounts	1574	\$0				\$0	\$0				\$0					\$0	\$0
RSVA - One-time	1582	\$0				\$0	\$0	\$34,959			\$34,959	\$0	\$16,154			\$16,154	\$34,959
Other Deferred Credits	2425	\$0				\$0	\$0	-\$49,851,515			-\$49,851,515	\$0	-\$3,835			-\$3,835	-\$49,851,515
Group 2 Sub-Total		\$0	\$0	\$0	\$0	\$0	\$0	-\$49,845,508	\$0	\$0	-\$49,845,508	\$0	\$43,024	\$0	\$0	\$43,024	-\$49,845,508
PLIs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$0				\$0	\$0	-\$5,353,731		\$15	-\$5,353,716	\$0	-\$167,587			-\$167,587	-\$5,353,716
PLIs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0				\$0	\$0				\$0					\$0	\$0
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		\$0	\$0	\$0	\$0	\$0	\$0	-\$56,734,251	\$0	\$2	-\$56,734,249	\$0	-\$1,748,401	\$0	\$0	-\$1,748,401	-\$56,734,249
LRAM Variance Account	1568					\$0	\$0	\$0			\$0					\$0	\$0
Total including Account 1568		\$0	\$0	\$0	\$0	\$0	\$0	-\$56,734,251	\$0	\$2	-\$56,734,249	\$0	-\$1,748,401	\$0	\$0	-\$1,748,401	-\$56,734,249
Renewable Generation Connection Capital Deferral Account	1531	\$0				\$0	\$0	\$524,817			\$524,817	\$0	\$2,721			\$2,721	\$524,817
Renewable Generation Connection OM&A Deferral Account	1532	\$0				\$0	\$0	\$142,559			\$142,559	\$0	\$570			\$570	\$142,559
Renewable Generation Connection Funding Adder Deferral Account	1533	\$0				\$0	\$0	\$0			\$0					\$0	\$0
Smart Grid Capital Deferral Account	1534	\$0				\$0	\$0	\$488,920			\$488,920	\$0	\$4,399			\$4,399	\$488,920
Smart Grid OM&A Deferral Account	1535	\$0				\$0	\$0	\$450,104		-\$200	\$449,904	\$0	\$5,078		\$200	\$5,278	\$449,904
Smart Grid Funding Adder Deferral Account	1536	\$0				\$0	\$0	\$0			\$0					\$0	\$0
Retail Cost Variance Account - STR	1548	\$0				\$0	\$0	-\$26,129			-\$26,129	\$0	-\$2,885			-\$2,885	-\$26,129

Account Descriptions	Account Number	2011														Opening Principal Amounts as of Jan-1-12	
		Opening Interest Amounts as of Jan-1-10	Interest Jan-1 to Dec-31-10	Board-Approved Disposition during 2010	Interest Adjustments ¹ during 2010	Closing Interest Amounts as of Dec-31-10	Opening Principal Amounts as of Jan-1-11	Transactions ² Debit/ (Credit) during 2011	Board-Approved Disposition during 2011	Principal Adjustments ² during 2011	Closing Principal Balance as of Dec-31-11	Opening Interest Amounts as of Jan-1-11	Interest Jan-1 to Dec-31-11	Board-Approved Disposition during 2011	Interest Adjustments ¹ during 2011		Closing Interest Amounts as of Dec-31-11
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital ⁵	1555	\$0				\$0	\$0	-\$7,519,984	-\$7,519,984		\$0	\$0				\$0	\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries ⁵	1555	\$0				\$0	\$0	\$19,906,754	\$19,906,754		\$0	\$0				\$0	\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs ⁵	1555	\$0				\$0	\$0	\$12,788,784		\$12,788,784	\$0	\$0				\$0	\$12,788,784
Smart Meter OM&A Variance ⁵	1556	\$0				\$0	\$0	\$4,022,668	\$3,781,861	\$240,807	\$0	\$0				\$0	\$240,807
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component ⁶	1575																
Accounting Changes Under CGAAP Balance + Return Component ⁶	1576																

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e figure and credit balance are to have a negative figure) as per the related Board decision.

Do not include interest, adjustments, or OEB approved dispositions in this column

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dis

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Januar

balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will

Please describe "other" components of 1508 and add more component lines if necessary.

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Varianc

Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

The Board requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In t

Account 1575 and 1576 rate rider calculation from the applicable Chapter 2 appendices. For Account 1575, please provi

please provide the value in cell F39 from the relevant Chapter 2 Appendix (i.e. 2-ED or 2-EE).

Ontario Energy Board

2016 Deferral/Variance Account Workform

Account Descriptions	Account Number	2012								2013						
		Transactions ² Debit/ (Credit) during 2012	Board-Approved Disposition during 2012	Principal Adjustments ² during 2012	Closing Principal Balance as of Dec-31-12	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	Board-Approved Disposition during 2012	Interest Adjustments ¹ during 2012	Closing Interest Amounts as of Dec-31-12	Opening Principal Amounts as of Jan-1-13	Transactions ² Debit/ (Credit) during 2013	Board-Approved Disposition during 2013	Principal Adjustments ² during 2013	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13
Group 1 Accounts																
LV Variance Account	1550	\$477,919	-\$680,807		\$477,919	-\$25,273	-\$7,005	-\$35,310		\$3,032	\$477,919	-\$112,182		\$365,737	\$3,032	\$6,431
Smart Metering Entity Charge Variance Account	1551				\$0	\$0				\$0	\$0	\$185,108		\$185,108	\$0	\$1,632
RSVA - Wholesale Market Service Charge	1580	-\$10,646,313	-\$22,160,709		-\$10,646,313	-\$453,592	-\$411,074	-\$780,247		-\$84,419	-\$10,646,313	-\$5,065,917		-\$15,712,230	-\$84,419	-\$200,434
RSVA - Retail Transmission Network Charge	1584	\$1,005,953	\$2,673,296		\$1,005,953	-\$116,407	\$62,777	-\$77,003		\$23,373	\$1,005,953	\$2,616,584		\$3,622,537	\$23,373	\$30,713
RSVA - Retail Transmission Connection Charge	1586	-\$588,231	-\$3,227,884		-\$588,230	-\$156,955	-\$52,540	-\$204,532		-\$4,963	-\$588,230	\$601,094		\$12,864	-\$4,963	-\$5,847
RSVA - Power (excluding Global Adjustment)	1588	\$877,101	\$2,102,302		\$877,088	\$400,055	\$8,778	\$431,043		-\$22,210	\$877,088	\$1,357,196		\$2,234,284	-\$22,210	\$51,968
RSVA - Global Adjustment	1589	-\$1,664,568	\$17,526,364		-\$1,664,568	\$668,802	\$259,570	\$927,145		\$1,227	-\$1,664,568	-\$3,374,332		-\$5,038,900	\$1,227	\$22,026
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595		-\$15		\$0	\$3,222		\$3,208		\$14		-\$15		\$0	\$14	
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595				\$0	\$0				\$0				\$0	\$0	
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595				\$0	\$0				\$0				\$0	\$0	
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	-\$680,508	\$8,245,690		-\$6,692,731	-\$1,943,690	\$144,693	\$86,845		-\$1,885,842	-\$6,692,731	\$4,236,921		-\$2,455,810	-\$1,885,842	-\$96,444
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595				\$0	\$0				\$0				\$0	\$0	
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595				\$0	\$0				\$0				\$0	\$0	
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595				\$0	\$0				\$0				\$0	\$0	
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		-\$11,218,662	\$4,477,210	\$0	-\$17,230,897	-\$1,623,838	\$5,199	\$351,149	\$0	-\$1,969,788	-\$17,230,897	\$444,472	\$0	\$0	-\$16,786,425	-\$1,969,788
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		-\$9,554,094	-\$13,049,154	\$0	-\$15,566,329	-\$2,292,640	-\$254,371	-\$575,996	\$0	-\$1,971,015	-\$15,566,329	\$3,818,804	\$0	\$0	-\$11,747,525	-\$1,971,015
RSVA - Global Adjustment	1589	-\$1,664,568	\$17,526,364	\$0	-\$1,664,568	\$668,802	\$259,570	\$927,145	\$0	\$1,227	-\$1,664,568	-\$3,374,332	\$0	\$0	-\$5,038,900	\$1,227
Group 2 Accounts																
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	-\$404,677	-\$219,916		-\$254,024	\$7,219	-\$3,693	\$6,642		-\$3,116	-\$254,024	\$117,323		-\$136,701	-\$3,116	-\$2,775
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508				\$0	\$0				\$0	\$0			\$0	\$0	
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act ⁸	1508				\$0	\$0				\$0	\$0			\$0	\$0	
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508				\$0	\$0				\$0	\$0			\$0	\$0	
Other Regulatory Assets - Sub-Account - Other ⁴	1508	\$6,717,978	\$65,840		\$6,717,979	\$1,281	\$968	\$2,252		-\$3	\$6,717,979	-\$1,150,010		\$5,567,969	-\$3	\$70,986
Retail Cost Variance Account - Retail	1518	-\$3,168	-\$674		-\$3,169	\$11,326	\$161	\$11,316		\$171	-\$3,169	\$83,709		\$80,540	\$171	\$757
Misc. Deferred Debits	1525	\$24,855			\$0	\$10,879	-\$10,879			\$0	\$0			\$0	\$0	
Board-Approved CDM Variance Account	1567				\$0	\$0				\$0	\$0	-\$775,217		-\$775,217	\$0	-\$6,053
Extra-Ordinary Event Costs	1572				\$0	\$0				\$0	\$0			\$0	\$0	
Deferred Rate Impact Amounts	1574				\$0	\$0				\$0	\$0			\$0	\$0	
RSVA - One-time	1582		\$34,960		-\$1	\$16,154	\$517	\$16,668		\$3	-\$1			-\$1	\$3	
Other Deferred Credits	2425	\$6,717,897	-\$532,264		-\$42,601,354	-\$3,835	-\$5,533	-\$8,529		-\$839	-\$42,601,354	\$10,480,844		-\$32,120,510	-\$839	\$841
Group 2 Sub-Total		\$13,052,885	-\$652,054	\$0	-\$36,140,569	\$43,024	-\$18,459	\$28,349	\$0	-\$3,784	-\$36,140,569	\$8,756,649	\$0	\$0	-\$27,383,920	-\$3,784
PLIs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	\$720,232	-\$4,632,496		-\$988	-\$167,587	-\$226,556	-\$394,163		\$20	-\$988			-\$988	\$20	-\$14
PLIs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592				\$0	\$0				\$0	\$0			\$0	\$0	
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		\$2,554,455	-\$807,340	\$0	-\$53,372,454	-\$1,748,401	-\$239,816	-\$14,665	\$0	-\$1,973,552	-\$53,372,454	\$9,201,121	\$0	\$0	-\$44,171,333	-\$1,973,552
LRAM Variance Account	1568	\$716,910			\$716,910	\$0				\$0	\$716,910	-\$513,961		\$202,949	\$0	\$13,029
Total including Account 1568		\$3,271,365	-\$807,340	\$0	-\$52,655,544	-\$1,748,401	-\$239,816	-\$14,665	\$0	-\$1,973,552	-\$52,655,544	\$8,687,160	\$0	\$0	-\$43,968,384	-\$1,973,552
Renewable Generation Connection Capital Deferral Account	1531	\$630,287			\$1,155,104	\$2,721	\$10,209			\$12,930	\$1,155,104	\$883,418		\$2,038,522	\$12,930	\$16,350
Renewable Generation Connection OM&A Deferral Account	1532	\$32,215	\$142,559		\$32,215	\$570	\$1,979	\$2,671		-\$122	\$32,215	\$160,573		\$192,788	-\$122	\$1,189
Renewable Generation Connection Funding Adder Deferral Account	1533				\$0	\$0				\$0	\$0			\$0	\$0	
Smart Grid Capital Deferral Account	1534	\$397,414	\$476,808		\$409,526	\$4,399	\$8,550			\$12,949	\$409,526	\$800,880		\$1,210,406	\$12,949	\$7,498
Smart Grid OM&A Deferral Account	1535	\$799,709	\$450,104		\$799,509	\$5,278	\$10,425	\$11,713		\$3,990	\$799,509	\$628,474		\$1,427,983	\$3,990	\$15,607
Smart Grid Funding Adder Deferral Account	1536				\$0	\$0				\$0	\$0			\$0	\$0	
Retail Cost Variance Account - STR	1548		-\$26,129		\$0	-\$2,885	-\$384	-\$3,270		\$1	\$0			\$0	\$1	

Account Descriptions	Account Number	2012								2013						
		Transactions ² Debit/ (Credit) during 2012	Board-Approved Disposition during 2012	Principal Adjustments ² during 2012	Closing Principal Balance as of Dec-31-12	Opening Interest Amounts as of Jan-1-12	Interest Jan-1 to Dec-31-12	Board-Approved Disposition during 2012	Interest Adjustments ¹ during 2012	Closing Interest Amounts as of Dec-31-12	Opening Principal Amounts as of Jan- 1-13	Transactions ² Debit/ (Credit) during 2013	Board-Approved Disposition during 2013	Principal Adjustments ² during 2013	Closing Principal Balance as of Dec-31-13	Opening Interest Amounts as of Jan-1-13
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital ⁵	1555				\$0	\$0			\$0	\$0				\$0	\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries ⁵	1555				\$0	\$0			\$0	\$0				\$0	\$0	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs ⁵	1555	-\$1,333,881			\$11,454,903	\$0			\$0	\$11,454,903	-\$5,232,747			\$6,222,156	\$0	\$135,982
Smart Meter OM&A Variance ⁵	1556	\$14	\$240,807		\$14	\$0	\$3,540	\$3,549	-\$9	\$14	-\$14			\$0	-\$9	\$9
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component ⁶	1575	-\$9,571,000			-\$9,571,000					-\$9,571,000	\$2,392,753			-\$7,178,247		
Accounting Changes Under CGAAP Balance + Return Component ⁶	1576				\$0					\$0				\$0		

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e figure and credit balance are to have a negative figure) as per the related Board decision.

Do not include interest, adjustments, or OEB approved dispositions in this column

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dis

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Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Varianc Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

The Board requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In t Account 1575 and 1576 rate rider calculation from the applicable Chapter 2 appendices. For Account 1575, please provi please provide the value in cell F39 from the relevant Chapter 2 Appendix (i.e. 2-ED or 2-EE).

Ontario Energy Board

2016 Deferral/Variance Account Workform

Account Descriptions	Account Number	2014											2015				
		Board-Approved Disposition during 2013	Interest Adjustments ¹ during 2013	Closing Interest Amounts as of Dec-31-13	Opening Principal Amounts as of Jan-1-14	Transactions ² Debit / (Credit) during 2014	Board-Approved Disposition during 2014	Principal Adjustments ² during 2014	Closing Principal Balance as of Dec-31-14	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	Board-Approved Disposition during 2014	Interest Adjustments ¹ during 2014	Closing Interest Amounts as of Dec-31-14	Principal Disposition during 2015 - instructed by Board	Interest Disposition during 2015 - instructed by Board	Closing Principal Balances as of Dec 31-14 Adjusted for Dispositions during 2015
Group 1 Accounts																	
LV Variance Account	1550			\$9,463	\$365,737	-\$133,409	\$477,919	-\$245,591	\$9,463	-\$1,339	\$10,057		-\$1,933			-\$245,591	
Smart Metering Entity Charge Variance Account	1551			\$1,632	\$185,108	-\$93,458		\$91,650	\$1,632	\$2,228			\$3,860			\$91,650	
RSVA - Wholesale Market Service Charge	1580			-\$284,853	-\$15,712,230	-\$877,534	-\$10,646,313	-\$5,943,451	-\$284,853	-\$58,992	-\$240,919		-\$102,926			-\$5,943,451	
RSVA - Retail Transmission Network Charge	1584			\$54,086	\$3,622,537	\$1,288,689	\$1,005,953	\$3,905,273	\$54,086	\$47,481	\$38,161		\$63,406			\$3,905,273	
RSVA - Retail Transmission Connection Charge	1586			-\$10,810	\$12,864	\$852,228	-\$588,230	\$1,453,322	-\$10,810	\$10,423	-\$13,609		\$13,222			\$1,453,322	
RSVA - Power (excluding Global Adjustment)	1588			\$29,758	\$2,234,284	-\$794,425	\$877,088	\$562,771	\$29,758	\$27,275	-\$9,317		\$66,350			\$562,771	
RSVA - Global Adjustment	1589			\$23,253	-\$5,038,900	\$13,553,905	-\$1,664,568	\$10,179,573	\$23,253	\$46,383	-\$23,242		\$92,878			\$10,179,573	
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595			\$14	-\$15	\$2	-\$15	\$2	\$14		\$14		\$0			\$2	
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595			\$0	\$0			\$0	\$0				\$0			\$0	
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595			\$0	\$0			\$0	\$0				\$0			\$0	
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595			-\$1,982,286	-\$2,455,810	\$9,270,221	\$10,538,166	-\$3,723,755	-\$1,982,286	-\$56,377	\$277,339		-\$2,316,002	-\$3,723,755	-\$2,316,002	\$0	
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595			\$0	\$0			\$0	\$0				\$0			\$0	
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595			\$0	\$0			\$0	\$0				\$0			\$0	
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595			\$0	\$0			\$0	\$0				\$0			\$0	
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$0	\$0	-\$2,159,743	-\$16,786,425	\$23,066,219	\$0	\$0	\$6,279,794	-\$2,159,743	\$17,082	\$38,484	\$0	-\$2,181,145	-\$3,723,755	-\$2,316,002	\$10,003,549
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$0	\$0	-\$2,182,996	-\$11,747,525	\$9,512,314	\$1,664,568	\$0	-\$3,899,779	-\$2,182,996	-\$29,301	\$61,726	\$0	-\$2,274,023	-\$3,723,755	-\$2,316,002	-\$176,024
RSVA - Global Adjustment	1589	\$0	\$0	\$23,253	-\$5,038,900	\$13,553,905	-\$1,664,568	\$0	\$10,179,573	\$23,253	\$46,383	-\$23,242	\$0	\$92,878	\$0	\$0	\$10,179,573
Group 2 Accounts																	
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508			-\$5,891	-\$136,701	\$280		-\$136,421	-\$5,891	-\$2,006			-\$7,897			-\$136,421	
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508			\$0	\$0	\$9,832,485		\$9,832,485	\$0	\$7,764			\$7,764	\$9,942,013	\$39,554	-\$109,528	
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act ⁸	1508			\$0	\$0			\$0	\$0				\$0			\$0	
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508			\$0	\$0			\$0	\$0				\$0			\$0	
Other Regulatory Assets - Sub-Account - Other ⁴	1508			\$70,983	\$5,567,969	-\$4,723,784		\$844,185	\$70,983	\$52,649			\$123,632	\$603,185	\$94,305	\$241,000	
Retail Cost Variance Account - Retail	1518			\$928	\$80,540	\$131,048		\$211,588	\$928	\$2,253			\$3,181			\$211,588	
Misc. Deferred Debits	1525			\$0	\$0			\$0	\$0				\$0			\$0	
Board-Approved CDM Variance Account	1567			-\$6,053	-\$775,217	\$391,252		-\$383,965	-\$6,053	-\$6,198			-\$12,251	-\$383,965	-\$12,251	\$0	
Extra-Ordinary Event Costs	1572			\$0	\$0			\$0	\$0				\$0			\$0	
Deferred Rate Impact Amounts	1574			\$0	\$0			\$0	\$0				\$0			\$0	
RSVA - One-time	1582			\$3	-\$1			-\$1	\$3				\$3			-\$1	
Other Deferred Credits	2425			\$2	-\$32,120,510	\$7,589,025		-\$24,531,485	\$2				\$2	-\$24,531,485	\$0	\$0	
Group 2 Sub-Total		\$0	\$0	\$59,972	-\$27,383,920	\$13,220,306	\$0	\$0	-\$14,163,614	\$59,972	\$54,462	\$0	\$0	\$114,434	-\$14,370,252	\$121,608	\$206,638
PIs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592			\$6	-\$988			-\$988	\$6	-\$15			-\$9			-\$988	
PIs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592			\$0	\$0			\$0	\$0				\$0			\$0	
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		\$0	\$0	-\$2,099,765	-\$44,171,333	\$36,286,525	\$0	\$0	-\$7,884,808	-\$2,099,765	\$71,529	\$38,484	\$0	-\$2,066,720	-\$18,094,007	-\$2,194,394	\$10,209,199
LRAM Variance Account	1568			\$13,029	\$202,949	\$73,996	-\$72,234	\$204,711	\$13,029	\$3,378		-\$1,108	\$15,299	\$770,967	\$30,714	-\$566,256	
Total including Account 1568		\$0	\$0	-\$2,086,736	-\$43,968,384	\$36,360,521	\$0	-\$72,234	-\$7,680,097	-\$2,086,736	\$74,907	\$38,484	-\$1,108	-\$2,051,421	-\$17,323,040	-\$2,163,680	\$9,642,943
Renewable Generation Connection Capital Deferral Account	1531			\$29,280	\$2,038,522	\$304,154	\$1,343,622	\$999,054	\$29,280	\$28,059			\$57,339	\$999,054	\$57,339	\$0	
Renewable Generation Connection OM&A Deferral Account	1532			\$1,067	\$192,788	\$80,538		\$273,326	\$1,067	\$3,165			\$4,232			\$273,326	
Renewable Generation Connection Funding Adder Deferral Account	1533			\$0	\$0			\$0	\$0				\$0			\$0	
Smart Grid Capital Deferral Account	1534			\$20,447	\$1,210,406	\$1,290,596		\$2,501,002	\$20,447	\$24,519			\$44,966	\$2,501,002	\$44,966	\$0	
Smart Grid OM&A Deferral Account	1535			\$19,597	\$1,427,983	\$799,504		\$2,227,487	\$19,597	\$24,229			\$43,826			\$2,227,487	
Smart Grid Funding Adder Deferral Account	1536			\$0	\$0	-\$872,000		-\$872,000	\$0	-\$4,803			-\$4,803	-\$346,239	-\$4,803	-\$525,761	
Retail Cost Variance Account - STR	1548			\$1	\$0			\$0	\$1				\$1			\$0	

Account Descriptions	Account Number	2014											2015			
		Board-Approved Disposition during 2013	Interest Adjustments ¹ during 2013	Closing Interest Amounts as of Dec-31-13	Opening Principal Amounts as of Jan-1-14	Transactions ² Debit / (Credit) during 2014	Board-Approved Disposition during 2014	Principal Adjustments ² during 2014	Closing Principal Balance as of Dec-31-14	Opening Interest Amounts as of Jan-1-14	Interest Jan-1 to Dec-31-14	Board-Approved Disposition during 2014	Interest Adjustments ¹ during 2014	Closing Interest Amounts as of Dec-31-14	Principal Disposition during 2015 - instructed by Board	Interest Disposition during 2015 - instructed by Board
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital ⁵	1555			\$0	\$0			\$0	\$0				\$0			\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries ⁵	1555			\$0	\$0			\$0	\$0				\$0			\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs ⁵	1555			\$135,982	\$6,222,156	-\$5,815,721		\$406,435	\$135,982	\$50,719			\$186,701			\$406,435
Smart Meter OM&A Variance ⁵	1556			\$0	\$0			\$0	\$0				\$0			\$0
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component ⁶	1575				-\$7,178,247	\$2,392,750		-\$4,785,497						-\$4,785,497		\$0
Accounting Changes Under CGAAP Balance + Return Component ⁶	1576				\$0			\$0								\$0

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e figure and credit balance are to have a negative figure) as per the related Board decision.

Do not include interest, adjustments, or OEB approved dispositions in this column

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dis

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Januar

balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will

Please describe "other" components of 1508 and add more component lines if necessary.

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Varianc

Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

The Board requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In t

Account 1575 and 1576 rate rider calculation from the applicable Chapter 2 appendices. For Account 1575, please provi

please provide the value in cell F39 from the relevant Chapter 2 Appendix (i.e. 2-ED or 2-EE).

Ontario Energy Board

2016 Deferral/Variance Account Workform

Account Descriptions	Account Number	Closing Interest Balances as of Dec 31-13 Adjusted for Dispositions during 2014	Projected Interest on Dec-31-14 Balances		Total Claim	2.1.7 RRR		Variance RRR vs. 2014 Balance (Principal + Interest)
			Projected Interest from Jan 1, 2015 to December 31, 2015 on Dec 31 -14 balance adjusted for disposition during 2014 ⁵	Projected Interest from January 1, 2016 to April 30, 2016 on Dec 31 -14 balance adjusted for disposition during 2015 ⁵		As of Dec 31-14		
Group 1 Accounts								
LV Variance Account	1550	-\$1,933	-\$2,741	-\$2,028	-\$252,293	-\$247,523		\$1
Smart Metering Entity Charge Variance Account	1551	\$3,860	\$1,023	\$757	\$97,290	\$95,510		-\$0
RSVA - Wholesale Market Service Charge	1580	-\$102,926	-\$66,322	-\$49,078	-\$6,161,778	-\$6,046,377		\$0
RSVA - Retail Transmission Network Charge	1584	\$63,406	\$43,579	\$32,248	\$4,044,505	\$3,968,679		\$0
RSVA - Retail Transmission Connection Charge	1586	\$13,222	\$16,217	\$12,001	\$1,494,762	\$1,466,544		\$0
RSVA - Power (excluding Global Adjustment)	1588	\$66,350	\$6,280	\$4,647	\$640,048	\$629,121		\$0
RSVA - Global Adjustment	1589	\$92,878	\$113,593	\$84,058	\$10,470,102	\$10,272,451		\$0
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	\$0		\$0	\$2			-\$2
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	\$0		\$0	\$0			\$0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	\$0		\$0	\$0			\$0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	\$0		\$0	\$0	-\$6,039,756		\$2
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	\$0		\$0	\$0			\$0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	\$0		\$0	\$0			\$0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	\$0		\$0	\$0			\$0
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$134,857	\$111,629	\$82,605	\$10,332,639	\$4,098,649		\$1
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)		\$41,979	-\$1,964	-\$1,454	-\$137,463	-\$6,173,802		\$1
RSVA - Global Adjustment	1589	\$92,878	\$113,593	\$84,058	\$10,470,102	\$10,272,451		\$0
Group 2 Accounts								
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	-\$7,897	-\$1,522	-\$1,127	-\$146,967	-\$144,318		\$0
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	-\$31,790		-\$904	-\$142,222	-\$752,443		-\$10,592,692
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act ⁸	1508	\$0		\$0	\$0			\$0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508	\$0		\$0	\$0			\$0
Other Regulatory Assets - Sub-Account - Other ⁴	1508	\$29,327	\$2,689	\$1,990	\$275,006	\$967,817		-\$0
Retail Cost Variance Account - Retail	1518	\$3,181	\$2,361	\$1,747	\$218,877	\$214,769		-\$0
Misc. Deferred Debits	1525	\$0		\$0	\$0			\$0
Board-Approved CDM Variance Account	1567	\$0		\$0	\$0	-\$396,216		\$0
Extra-Ordinary Event Costs	1572	\$0		\$0	\$0			\$0
Deferred Rate Impact Amounts	1574	\$0		\$0	\$0			\$0
RSVA - One-time	1582	\$3		-\$0	\$2			-\$2
Other Deferred Credits	2425	\$2		\$0	\$2	-\$25,911,598		-\$1,380,115
Group 2 Sub-Total		-\$7,174	\$3,528	\$1,706	\$204,699	-\$26,021,989		-\$11,972,809
PLs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account below)	1592	-\$9	-\$11	-\$8	-\$1,016	-\$997		\$0
PLs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	\$0		\$0	\$0			\$0
Total of Group 1 and Group 2 Accounts (including 1562 and 1592)		\$127,674	\$115,146	\$84,303	\$10,536,321	-\$21,924,336		-\$11,972,808
LRAM Variance Account	1568	-\$15,415	-\$6,787	-\$6,285	-\$594,743	\$293,352		\$73,342
Total including Account 1568		\$112,259	\$108,359	\$78,018	\$9,941,578	-\$21,630,984		-\$11,899,465
Renewable Generation Connection Capital Deferral Account	1531	\$0		\$0	\$0	\$1,056,393		\$0
Renewable Generation Connection OM&A Deferral Account	1532	\$4,232	\$3,050	\$2,257	\$282,865	\$277,557		-\$1
Renewable Generation Connection Funding Adder Deferral Account	1533	\$0		\$0	\$0			\$0
Smart Grid Capital Deferral Account	1534	\$0		\$0	\$0	\$2,545,968		-\$0
Smart Grid OM&A Deferral Account	1535	\$43,826	\$24,856	\$18,394	\$2,314,563	\$2,271,314		\$1
Smart Grid Funding Adder Deferral Account	1536	\$0		-\$4,341	-\$530,102	-\$876,803		-\$0
Retail Cost Variance Account - STR	1548	\$1		\$0	\$1			-\$1

Account Descriptions	Account Number	Closing Interest Balances as of Dec 31-13 Adjusted for Dispositions during 2014	Projected Interest on Dec-31-14 Balances		2.1.7 RRR	Variance RRR vs. 2014 Balance (Principal + Interest)
			Projected Interest from Jan 1, 2015 to December 31, 2015 on Dec 31 -14 balance adjusted for disposition during 2014 ⁵	Projected Interest from January 1, 2016 to April 30, 2016 on Dec 31 -14 balance adjusted for disposition during 2015 ⁵	Total Claim	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital ⁵	1555	\$0		\$0	\$0	\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries ⁵	1555	\$0		\$0	\$0	\$0
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs ⁵	1555	\$186,701	\$4,535	\$3,356	\$601,028	\$593,137
Smart Meter OM&A Variance ⁵	1556	\$0		\$0	\$0	\$0
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component ⁶	1575				\$0	-\$4,785,497
Accounting Changes Under CGAAP Balance + Return Component ⁶	1576				\$0	\$0

For all Board-Approved dispositions, please ensure that the disposition amount has the same sign (e figure and credit balance are to have a negative figure) as per the related Board decision.

Do not include interest, adjustments, or OEB approved dispositions in this column

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB Approved dis

As per the January 6, 2011 Letter from the Board, regarding the implementation of the Ontario Clean Energy Benefit:

"By way of exception... The Board does anticipate that licensed distributors that cannot adapt their invoices as of Januar

balances in "Sub account Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act" will

Please describe "other" components of 1508 and add more component lines if necessary.

Deferral accounts related to Smart Meter deployment are not to be recovered/refunded through the Deferral and Varianc

Guideline: Smart Meter Disposition and Cost Recovery (G-2011-0001)

The Board requires that disposition of Account 1575 and Account 1576 shall require the use of separate rate riders. In t

Account 1575 and 1576 rate rider calculation from the applicable Chapter 2 appendices. For Account 1575, please provi

please provide the value in cell F39 from the relevant Chapter 2 Appendix (i.e. 2-ED or 2-EE).

2016 Deferral/Variance Account Workform

Accounts that produced a variance on the 2014 continuity schedule are listed below.
 Please provide a detailed explanation for each variance below.

Account Descriptions	Account Number	Variance RRR vs. 2014 Balance (Principal + Interest)	Explanation
Group 1 Accounts			
LV Variance Account	1550	\$ 0.93	
Smart Metering Entity Charge Variance Account	1551	\$ (0.25)	
RSVA - Wholesale Market Service Charge	1580	\$ 0.23	
RSVA - Retail Transmission Network Charge	1584	\$ 0.19	
RSVA - Retail Transmission Connection Charge	1586	\$ 0.03	
RSVA - Power (excluding Global Adjustment)	1588	\$ 0.03	
RSVA - Global Adjustment	1589	\$ 0.05	
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	\$ (2.00)	
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	\$ 1.69	
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	\$ (10,592,692.00)	PowerStream's RRR filing included an internal contra account that was used for tracking ICM capital activity. This internal account had a credit balance which should have been omitted in the RRR filing. The DVA continuity amount is correct.
Other Regulatory Assets - Sub-Account - Other 4	1508	\$ (0.07)	
Retail Cost Variance Account - Retail	1518	\$ (0.14)	
Board-Approved CDM Variance Account	1567	\$ 0.29	
RSVA - One-time	1582	\$ (2.19)	
Other Deferred Credits	2425	\$ (1,380,115.00)	RRR filed amount is understated by this amount as there was a late post audit transaction that was recorded after the RRR was submitted. The correct updated amount is filed in this DVA continuity schedule
PILs and Tax Variance for 2006 and Subsequent Years	1592	\$ 0.40	
LRAM Variance Account	1568	\$ 73,342.43	Removed principle and interest for 2014 as our claim is only up to 2013 actuals. Excluded peak demand savings from 2013 DR3 programs. True-up to actual for 2013 based on final verified CDM report requiring an adjustment.
Renewable Generation Connection Capital Deferral Account	1531	\$ 0.22	
Renewable Generation Connection OM&A Deferral Account	1532	\$ (0.65)	
Smart Grid Capital Deferral Account	1534	\$ (0.08)	
Smart Grid OM&A Deferral Account	1535	\$ 1.29	
Smart Grid Funding Adder Deferral Account	1536	\$ (0.32)	
Retail Cost Variance Account - STR	1548	\$ (1.46)	
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs5	1555	\$ 0.81	
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component6	1575	\$ (0.04)	



2016 Deferral/Variance Account Workform

In the green shaded cells, enter the data related to the **proposed** load forecast. Do not enter data for the MicroFit class.

Rate Class <small>(Enter Rate Classes in cells below as they appear on your current tariff of rates and charges)</small>	Units	# of Customers	Total Metered kWh	Total Metered kW	Billed kWh for Non-RPP Customers	Billed kW for Non-RPP Customers	Distribution Revenue ¹	Billed kWh for Wholesale Market Participants (WMP)	Billed kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP Demand (if applicable)	GA Allocator for Class A, Non-WMP Customers (if applicable) ³	Billed kWh for Class A, Non-WMPs Customers (if applicable)	Billed kW for Class A Non-WMP Customers (if applicable)
RESIDENTIAL	kWh	325,345	2,714,896,670		155,835,069	-	87,473,969			2,714,896,670	-			
GENERAL SERVICE LESS THAN 50 KW	kWh	32,402	1,038,581,794		165,757,654	-	24,576,765			1,038,581,794	-			
GENERAL SERVICE 50 TO 4,999 KW	kW	4,965	4,576,806,248	12,220,067	4,194,642,926	11,199,691	48,916,023	23,552,245	62,884	4,553,254,003	12,157,182			
LARGE USER	kW	2	76,536,992	150,807	76,536,992	150,807	356,718			76,536,992	150,807		76,536,992	150,807
STANDBY POWER	kW													
UNMETERED SCATTERED LOAD	kWh	2,976	14,169,748		257,889	-	475,661			14,169,748	-			
SENTINEL LIGHTING	kW	209	378,095	975	46,506	120	16,351			378,095	975			
STREET LIGHTING	kW	88,126	47,666,024	133,270	47,136,932	131,791	2,219,325			47,666,024	133,270			
Total		454,024	8,469,035,571	12,505,119	4,640,213,968	11,482,409	\$ 164,034,812	23,552,245	62,884	8,445,483,326	12,442,234	0%	76,536,992	150,807

¹ For Account 1562, the allocation to customer classes should be performed on the basis of the test year distribution revenue allocation to customer classes found in the Applicant's Cost of Service application that was most recently approved at the time of disposition of the 1562 account balances

² Residual Account balance to be allocated to rate classes in proportion to the recovery share as established when rate riders were implemented.

³ Enter the percentage of the balance in account 1589 allocated to Class A customers. Distributors typically settle GA costs with Class A customers on the basis of actual (i.e. non-estimated) costs. If this is the case, no amount of the balance in 1589 should be allocated to a distributor's Class A customers.

		Amounts from Sheet 2	Allocator	RESIDENTIAL	GENERAL SERVICE LESS THAN 50 KW	GENERAL SERVICE 50 TO 4,999 KW	LARGE USER	STANDBY POWER	UNMETERED SCATTERED LOAD
LV Variance Account	1550	(252,293)	kWh	(80,877)	(30,939)	(136,343)	(2,280)	0	(422)
Smart Metering Entity Charge Variance Account	1551	97,290	# of Customers	88,478	8,812	0	0	0	0
RSVA - Wholesale Market Service Charge	1580	(6,161,778)	kWh	(1,980,774)	(757,743)	(3,322,029)	(55,841)	0	(10,338)
RSVA - Retail Transmission Network Charge	1584	4,044,505	kWh	1,296,537	495,989	2,185,717	36,551	0	6,767
RSVA - Retail Transmission Connection Charge	1586	1,494,762	kWh	479,172	183,307	807,794	13,509	0	2,501
RSVA - Power (excluding Global Adjustment)	1588	640,048	kWh	205,751	78,710	345,072	5,800	0	1,074
RSVA - Global Adjustment	1589	10,470,102	Non-RPP kWh	359,375	382,258	9,619,063	0	0	595
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	2	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	kWh	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	0	kWh	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	0	%	0	0	0	0	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	0	%	0	0	0	0	0	0
Total of Group 1 Accounts (excluding 1589)		(137,463)		8,287	(21,865)	(119,788)	(2,261)	0	(419)
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	(146,967)	kWh	(47,113)	(18,023)	(79,423)	(1,328)	0	(246)
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	(142,222)	kWh	(45,592)	(17,441)	(76,859)	(1,285)	0	(238)
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act8	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508	0	kWh	0	0	0	0	0	0
Other Regulatory Assets - Sub-Account - Other 4	1508	275,006	kWh	88,158	33,725	148,618	2,485	0	460
Retail Cost Variance Account - Retail	1518	218,877	kWh	70,165	26,842	118,285	1,978	0	366
Misc. Deferred Debits	1525	0	kWh	0	0	0	0	0	0
Retail Cost Variance Account - STR	1548	1	kWh	0	0	1	0	0	0
Board-Approved CDM Variance Account	1567	0	kWh	0	0	0	0	0	0
Extra-Ordinary Event Costs	1572	282,865	kWh	90,677	34,689	152,865	2,556	0	473
Deferred Rate Impact Amounts	1574	0	kWh	0	0	0	0	0	0
RSVA - One-time	1582	0	kWh	0	0	0	0	0	0
Other Deferred Credits	2425	2,314,563	kWh	741,973	283,841	1,250,828	20,917	0	3,873
Total of Group 2 Accounts		2,802,124		898,270	343,632	1,514,314	25,324	0	4,688
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account)	1592	(1,016)	kWh	(326)	(125)	(549)	(9)	0	(2)
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	0	kWh	0	0	0	0	0	0
Total of Account 1562 and Account 1592		(1,016)		(326)	(125)	(549)	(9)	0	(2)
LRAM Variance Account (Enter dollar amount for each class)	1568	(594,743)		(383,355)	56,682	(239,768)	(5,369)	0	(3,375)
(Account 1568 - total amount allocated to classes)		(594,743)							
Variance		(0)							
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)		5,384,264		1,783,310	657,168	2,857,168	47,780	0	8,846
Total of Account 1580 and 1588 (not allocated to WMPs)		(5,521,730)		(1,775,023)	(679,034)	(2,976,957)	(50,041)	0	(9,264)
Balance of Account 1589 Allocated to Non-WMPs		10,470,102		359,375	382,258	9,619,063	0	0	595
Balance of Account 1589 allocated to Class A Non-WMP Customers		0		0	0	0	0	0	0
Group 2 Accounts - Total balance allocated to each class		2,802,124		898,270	343,632	1,514,314	25,324	0	4,688
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component	1575	0	kWh	0	0	0	0	0	0
Accounting Changes Under CGAAP Balance + Return Component	1576	0	kWh	0	0	0	0	0	0
Total Balance Allocated to each class for Accounts 1575 and 1576		0		0	0	0	0	0	0
Account 1589 reference calculation by customer and consumption									
Account 1589 / Number of Customers		\$23.06							
1589/total kwh		\$0.0012							

		Amounts from Sheet 2	Allocator	SENTINEL LIGHTING	STREET LIGHTING
LV Variance Account	1550	(252,293)	kWh	(11)	(1,420)
Smart Metering Entity Charge Variance Account	1551	97,290	# of Customers	0	0
RSVA - Wholesale Market Service Charge	1580	(6,161,778)	kWh	(276)	(34,777)
RSVA - Retail Transmission Network Charge	1584	4,044,505	kWh	181	22,764
RSVA - Retail Transmission Connection Charge	1586	1,494,762	kWh	67	8,413
RSVA - Power (excluding Global Adjustment)	1588	640,048	kWh	29	3,612
RSVA - Global Adjustment	1589	10,470,102	Non-RPP kWh	107	108,704
Disposition and Recovery/Refund of Regulatory Balances (2008)	1595	2	%	0	0
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	0	%	0	0
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	0	kWh	0	0
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	0	%	0	0
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	0	kWh	0	0
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	0	%	0	0
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	0	%	0	0
Total of Group 1 Accounts (excluding 1589)		(137,463)		(11)	(1,408)
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	(146,967)	kWh	(7)	(827)
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	(142,222)	kWh	(6)	(800)
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Variance - Ontario Clean Energy Benefit Act8	1508	0	kWh	0	0
Other Regulatory Assets - Sub-Account - Financial Assistance Payment and Recovery Carrying Charges	1508	0	kWh	0	0
Other Regulatory Assets - Sub-Account - Other 4	1508	275,006	kWh	12	1,548
Retail Cost Variance Account - Retail	1518	218,877	kWh	10	1,232
Misc. Deferred Debits	1525	0	kWh	0	0
Retail Cost Variance Account - STR	1548	1	kWh	0	0
Board-Approved CDM Variance Account	1567	0	kWh	0	0
Extra-Ordinary Event Costs	1572	282,865	kWh	13	1,592
Deferred Rate Impact Amounts	1574	0	kWh	0	0
RSVA - One-time	1582	0	kWh	0	0
Other Deferred Credits	2425	2,314,563	kWh	103	13,027
Total of Group 2 Accounts		2,802,124		125	15,771
PILs and Tax Variance for 2006 and Subsequent Years (excludes sub-account and contra account)	1592	(1,016)	kWh	(0)	(6)
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	0	kWh	0	0
Total of Account 1562 and Account 1592		(1,016)		(0)	(6)
LRAM Variance Account (Enter dollar amount for each class)	1568	(594,743)		(164)	(19,393)
(Account 1568 - total amount allocated to classes)		(594,743)			
Variance		(0)			
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)		5,384,264		236	29,757
Total of Account 1580 and 1588 (not allocated to WMPs)		(5,521,730)		(247)	(31,164)
Balance of Account 1589 Allocated to Non-WMPs		10,470,102		107	108,704
Balance of Account 1589 allocated to Class A Non-WMP Customers		0		0	0
Group 2 Accounts - Total balance allocated to each class		2,802,124		125	15,771
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component	1575	0	kWh	0	0
Accounting Changes Under CGAAP Balance + Return Component	1576	0	kWh	0	0
Total Balance Allocated to each class for Accounts 1575 and 1576		0		0	0

Account 1589 reference calculation by customer and consumption	
Account 1589 / Number of Customers	\$23.06
1589/total kwh	\$0.0012

Rate Rider Calculation for Accounts 1575 and 1576

Please indicate the Rate Rider Recovery Period (in years)

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Accounts 1575 and 1576	Rate Rider for Accounts 1575 and 1576	
RESIDENTIAL	# of Customers	325,345	\$ -	-	per customer per month
GENERAL SERVICE LESS THAN 50 KW	kWh	1,038,581,794	\$ -	-	\$/kWh
GENERAL SERVICE 50 TO 4,999 KW	kW	12,220,067	\$ -	-	\$/kW
LARGE USER	kW	150,807	\$ -	-	\$/kW
STANDBY POWER	kW	-	\$ -	-	\$/kW
UNMETERED SCATTERED LOAD	kWh	14,169,748	\$ -	-	\$/kWh
SENTINEL LIGHTING	kW	975	\$ -	-	\$/kW
STREET LIGHTING	kW	133,270	\$ -	-	\$/kW
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
Total			\$ -	-	

Rate Rider Calculation for Accounts 1568

Please indicate the Rate Rider Recovery Period (in years)

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Account 1568	Rate Rider for Account 1568	
RESIDENTIAL	# of Customers	325,345	-\$ 383,355	- 0.0982	per customer per month
GENERAL SERVICE LESS THAN 50 KW	kWh	1,038,581,794	\$ 56,682	0.0001	\$/kWh
GENERAL SERVICE 50 TO 4,999 KW	kW	12,220,067	-\$ 239,768	- 0.0196	\$/kW
LARGE USER	kW	150,807	-\$ 5,369	- 0.0356	\$/kW
STANDBY POWER	kW	-	\$ -	-	\$/kW
UNMETERED SCATTERED LOAD	kWh	14,169,748	-\$ 3,375	- 0.0002	\$/kWh
SENTINEL LIGHTING	kW	975	-\$ 164	- 0.1678	\$/kW
STREET LIGHTING	kW	133,270	-\$ 19,393	- 0.1455	\$/kW
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
			\$ -	-	
Total			-\$ 594,743		

Rate Rider Calculation for Account 1555

Please indicate the Rate Rider Recovery Period (in years)

2

Rate Class	Units	kW / kWh / # of Customers	Balance of Account 1555	Rate Rider for Account 1555	
RESIDENTIAL	# of Customers	325,345	\$ 434,724	0.06	per customer per month
GENERAL SERVICE LESS THAN 50 KW	# of Customers	32,402	\$ 166,304	0.21	per customer per month
Total			\$ 601,028		

Notes:

1) Total Claim Allocation Table by Class

Class	2016 forecast annual kwh	%	Claim
Residential	2,714,896,670	72.33%	\$ 434,724
General Service less than 50 kw	1,038,581,794	27.67%	\$ 166,304
Totals	3,753,478,464	100.00%	\$ 601,028

2) The General Service less than 50kW rate ride is based on "# of customers" since a volumetric basis creates a rate that is zero when rounded to 4 digits.

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)	38,655,691
--	------------

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			\$12.90	\$26.55	\$140.97	\$6,073.68	\$1.28	\$3.47	\$7.14
Existing Distribution kWh Rate			\$0.0143	\$0.0142					\$0.0162
Existing Distribution kW Rate					\$3.3877	\$1.4414	\$6.7744	\$8.1615	
Existing TOA Rate					\$0.60	\$0.60			
Additional Charges									
Distribution Revenue from Rates		\$167,886,677	\$89,774,319	\$25,096,421	\$49,899,496	\$361,516	\$2,241,989	\$16,575	\$496,361
Transformer Ownership Allowance		\$2,236,782	\$0	\$0	\$2,146,974	\$89,807	\$0	\$0	\$0
Net Class Revenue	CREV	\$165,649,895	\$89,774,319	\$25,096,421	\$47,752,521	\$271,708	\$2,241,989	\$16,575	\$496,361

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

EB-2015-0003

Sheet IS 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	1,637,748	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
Bulk Delivery CP	BCP12	16,273,910	5,674,579	2,305,083	8,121,958	98,699	53,561	427
Total Sytem CP	DCP12	16,273,910	5,674,579	2,305,083	8,121,958	98,699	53,561	427
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
Primary NCP	PNCP1	1,784,829	649,597	280,744	826,619	7,758	17,336	132
Line Transformer NCP	LTNCP1	1,520,570	649,597	280,744	570,118		17,336	132
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
Primary NCP	PNCP4	6,658,023	2,404,983	1,032,307	3,126,396	25,960	57,518	500
Line Transformer NCP	LTNCP4	5,661,940	2,404,983	1,032,307	2,156,273		57,518	500
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
Primary NCP	PNCP12	17,787,767	6,337,429	2,528,363	8,671,833	80,980	140,424	1,167
Line Transformer NCP	LTNCP12	15,015,910	6,337,429	2,528,363	5,980,956		140,424	1,167
Secondary NCP	SNCP12	6,338,596	6,337,429					1,167

2017 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

		Total	1 Residential	2 GS <50	3 GS-50	6 Large User	7 Street Light	8 Sentinel	9 Unmetered Scattered Load
Rate Base									
Assets									
crev	Distribution Revenue at Existing Rates	\$165,649,895	\$89,774,319	\$25,096,421	\$47,752,521	\$271,708	\$2,241,989	\$16,575	\$496,361
mi	Miscellaneous Revenue (mi)	\$12,718,312	\$9,207,916	\$1,586,756	\$2,701,039	\$13,762	\$158,951	\$1,525	\$48,363
			Miscellaneous Revenue Input equals Output						
	Total Revenue at Existing Rates	\$178,368,207	\$97,982,235	\$26,683,177	\$50,453,561	\$285,470	\$2,400,940	\$18,100	\$544,725
	Factor required to recover deficiency (1 + D)	1.2334							
	Distribution Revenue at Status Quo Rates	\$204,305,588	\$110,723,856	\$30,952,867	\$58,895,944	\$335,113	\$2,765,174	\$20,443	\$612,191
	Miscellaneous Revenue (mi)	\$12,718,312	\$9,207,916	\$1,586,756	\$2,701,039	\$13,762	\$158,951	\$1,525	\$48,363
	Total Revenue at Status Quo Rates	\$217,023,900	\$118,931,771	\$32,539,622	\$61,596,983	\$348,876	\$2,924,125	\$21,968	\$660,554
	Expenses								
di	Distribution Costs (di)	\$27,319,275	\$13,431,943	\$3,684,678	\$9,778,133	\$78,129	\$274,146	\$3,965	\$68,282
cu	Customer Related Costs (cu)	\$26,937,341	\$20,002,257	\$3,860,094	\$2,704,126	\$3,861	\$223,997	\$1,911	\$141,095
ad	General and Administration (ad)	\$41,910,261	\$25,639,822	\$5,830,721	\$9,825,672	\$65,862	\$384,226	\$4,584	\$159,374
dep	Depreciation and Amortization (dep)	\$51,198,384	\$26,984,693	\$7,393,878	\$16,164,262	\$125,947	\$412,328	\$6,364	\$110,912
INPUT	PI/Ls (INPUT)	\$3,589,902	\$1,795,101	\$505,557	\$1,237,991	\$10,484	\$31,707	\$491	\$8,571
INT	Interest	\$25,662,334	\$12,832,237	\$3,613,961	\$8,849,752	\$74,945	\$226,654	\$3,512	\$61,272
	Total Expenses	\$176,617,496	\$100,686,053	\$24,888,888	\$48,559,937	\$359,228	\$1,553,056	\$20,827	\$549,506
	Direct Allocation	\$11,561	\$0	\$0	\$0	\$11,561	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$40,394,843	\$20,199,106	\$5,688,703	\$13,930,313	\$117,971	\$356,774	\$5,528	\$96,448
	Revenue Requirement (includes NI)	\$217,023,900	\$120,885,159	\$30,577,591	\$62,490,250	\$488,760	\$1,909,830	\$26,356	\$645,954
			Revenue Requirement Input equals Output						
	Rate Base Calculation								
	Net Assets								
dp	Distribution Plant - Gross	\$1,407,478,411	\$721,895,849	\$196,898,494	\$468,733,353	\$3,649,242	\$12,690,062	\$197,659	\$3,413,755
gp	General Plant - Gross	\$216,450,958	\$109,560,013	\$30,221,799	\$73,471,351	\$607,694	\$2,016,736	\$31,471	\$541,894
accum dep	Accumulated Depreciation	(\$255,381,563)	(\$135,409,423)	(\$36,454,215)	(\$80,386,484)	(\$637,107)	(\$1,938,883)	(\$29,723)	(\$525,728)
co	Capital Contribution	(\$372,497,809)	(\$197,098,224)	(\$50,550,376)	(\$119,048,154)	(\$800,519)	(\$3,903,075)	(\$61,900)	(\$1,035,561)
	Total Net Plant	\$896,049,998	\$498,948,214	\$140,115,702	\$342,770,066	\$2,819,310	\$8,864,839	\$137,507	\$2,394,360
	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	\$96,166,877	\$59,074,023	\$13,375,493	\$22,307,931	\$147,851	\$882,368	\$10,460	\$368,751
	Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
	Subtotal	\$1,198,034,515	\$412,917,238	\$148,239,791	\$617,672,924	\$10,052,171	\$6,827,932	\$59,729	\$2,264,729
	Working Capital	\$89,852,589	\$30,968,793	\$11,117,984	\$46,325,469	\$753,913	\$512,095	\$4,480	\$169,855
	Total Rate Base	\$1,085,976,832	\$529,917,007	\$151,233,686	\$389,095,536	\$3,647,468	\$9,376,934	\$141,987	\$2,564,215
			Rate Base Input equals Output						
	Equity Component of Rate Base	\$434,390,733	\$211,966,803	\$60,493,474	\$155,638,214	\$1,458,987	\$3,750,774	\$56,795	\$1,025,686
	Net Income on Allocated Assets	\$40,394,843	\$18,245,718	\$7,650,734	\$13,037,047	(\$21,913)	\$1,371,069	\$1,141	\$111,048
	Net Income on Direct Allocation Assets	\$3,495	\$0	\$0	\$0	\$3,495	\$0	\$0	\$0
	Net Income	\$40,398,338	\$18,245,718	\$7,650,734	\$13,037,047	(\$18,418)	\$1,371,069	\$1,141	\$111,048
	RATIOS ANALYSIS								
	REVENUE TO EXPENSES STATUS QUO%	100.00%	98.38%	106.42%	98.57%	71.38%	153.11%	83.35%	102.26%
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$38,655,693)	(\$22,902,925)	(\$3,894,414)	(\$12,036,690)	(\$203,289)	\$491,109	(\$8,256)	(\$101,229)
			Deficiency Input equals Output						
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	(\$1,953,388)	\$1,962,031	(\$893,267)	(\$139,884)	\$1,014,295	(\$4,388)	\$14,601
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	8.61%	12.65%	8.38%	-1.26%	36.55%	2.01%	10.83%

2017 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
Customer Unit Cost per month - Avoided Cost	\$5.56	\$13.36	\$43.34	\$362.85	\$0.59	\$0.74	\$3.39
Customer Unit Cost per month - Directly Related	\$9.15	\$20.86	\$72.71	\$520.64	\$1.06	\$1.32	\$6.00
Customer Unit Cost per month - Minimum System with PLCC Adjustment	\$18.78	\$29.32	\$102.14	\$674.50	\$2.82	\$7.55	\$13.13
Existing Approved Fixed Charge	\$12.90	\$26.55	\$140.97	\$6,073.68	\$1.28	\$3.47	\$7.14



Ontario Energy Board

2017 Cost Allocation Model

EB-2015-0003

Sheet O3.6 MicroFIT Charge Worksheet -

Instructions:

More Instructions provided on the first tab in this workbook.

ALLOCATION BY RATE CLASSIFICATION

Description	Residential	Monthly Unit Cost
Customer Premises - Operations Labour (5070)	\$ 578,921.04	\$ 0.15
Customer Premises - Materials and Expenses (5075)	\$ 1,773,242.84	\$ 0.45
Meter Expenses (5065)	\$ 2,536,451.46	\$ 0.64
Maintenance of Meters (5175)	\$ -	\$ -
Meter Reading Expenses (5310)	\$ 1,011,235.33	\$ 0.25
Customer Billing (5315)	\$ 8,528,272.39	\$ 2.14
Amortization Expense - General Plant Assigned to Meters	\$ 646,727.90	\$ 0.16
Admin and General Expenses allocated to O&M expenses for meters	\$ 1,949,582.11	\$ 0.49
Allocated PILS (general plant assigned to meters)	\$ 19,925.52	\$ 0.01
Interest Expense	\$ 142,437.11	\$ 0.04
Income Expenses	\$ 224,208.95	\$ 0.06
Total Cost	\$ 17,411,004.65	\$ 4.38
Number of Residential Customers	331,461	

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

**Appendix 2-P
 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%	\$ 120,885,159	55.70%
	\$ 25,700,411	15.66%	\$ 30,577,591	14.09%
GS > 50 kW	\$ 48,128,504	29.33%	\$ 62,490,250	28.79%
Large User	\$ 347,235	0.21%	\$ 488,760	0.23%
Street Lighting	\$ 2,820,943	1.72%	\$ 1,909,830	0.88%
Sentinel Lighting	\$ 16,178	0.01%	\$ 26,356	0.01%
Unmetered Scattered Load (USL)	\$ 460,065	0.28%	\$ 645,954	0.30%
Total	\$ 164,069,372	100.00%	\$ 217,023,900	100.00%

Notes

Customer Classification

Host Distributors: Provide information on embedded distributor(s) as a separate class, if applicable. If embedded distributor(s) are billed as customers in a General Service class, include the allocated cost and revenue of the embedded distributor(s) in the applicable class. Also complete Appendix 2-Q.

If proposed rate classes differ from those in place in the previous Cost Allocation study, modify the rate classes to match the current application as closely as possible.

Class Revenue Requirements

If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model).

This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s), it also does not include Account 4750 - Low Voltage (LV) Costs.

Include Smart Meter costs only to the extent that they are being included in Rate Base and Revenue Requirement (i.e. being transferred from accounts 1555 and 1556 as a result of a prudence review).

B) Calculated Class Revenues

Classes (same as previous table)	Column 7B	Column 7C	Column 7D	Column 7E
	Load Forecast (LF) X current approved rates	LF X current approved rates X (1 + d)	LF X proposed rates	Miscellaneous Revenue
Residential	\$ 89,774,319	\$ 110,723,856	\$ 111,092,397	\$ 8,207,916
GS < 50 kW	\$ 25,096,421	\$ 30,952,867	\$ 30,952,867	\$ 1,586,756
GS > 50 kW	\$ 47,752,521	\$ 58,895,944	\$ 59,091,978	\$ 2,701,039
Large User	\$ 271,708	\$ 335,113	\$ 402,799	\$ 13,762
Street Lighting	\$ 2,241,989	\$ 2,765,174	\$ 2,132,846	\$ 158,951
Sentinel Lighting	\$ 16,575	\$ 20,443	\$ 20,511	\$ 1,525
Unmetered Scattered Load (USL)	\$ 496,361	\$ 612,191	\$ 612,191	\$ 48,363
Total	\$ 165,649,895	\$ 204,305,588	\$ 204,305,588	\$ 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	Proposed Ratios	Policy Range
	Most Current Year	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2013			
	%	%	%	%
Residential	102.1	98.4	98.7	85 - 115
GS < 50 kW	98.0	106.4	106.4	80 - 120
GS > 50 kW	98.0	98.6	98.9	80 - 120
Large User	85.0	71.4	85.2	85 - 115
Street Lighting	89.7	153.1	120.0	80 - 120
Sentinel Lighting	95.0	83.4	83.6	80 - 120
Unmetered Scattered Load (USL)	102.4	102.3	102.3	80 - 120

Notes:

- 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 2011. For applicants whose most recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.
- Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1.



EB-2015-0003

PowerStream 2016 IRM - Draft Rate Order

Forgone Revenue Rate Riders (October - December 2016)

	Fixed RR	Variable RR
Residential	\$1.34	\$0.0000
GS<50 kW	\$1.41	\$0.0009
GS>50 kW	\$7.45	\$0.1857
Large Use	\$322.17	\$0.0759
Unmetered (USL)	\$0.39	\$0.0009
Sentinel Lighting	\$0.18	\$0.4232
Street Lighting	\$0.06	\$0.2721



PowerStream 2016 IRM - Draft Rate Order

Foregone Distribution Revenue (January - September 2016)
 Calculation of Foregone Revenue Rate Rider

FIXED & VARIABLE RATE RIDERS
Res - Fixed Only

Foregone Distribution Revenue	Recovery Period	3	months
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FIXED COMPONENT					
Rate Class	Revenue at Approved Rates	Revenue at Interim Rates	Revenue Under(over)	Customers / Connections	Oct-Dec 2016 Rate Rider
Residential	\$ 67,944,880	\$ 66,638,215	\$ 1,306,665	325,345	\$1.34
GS<50 kW	\$ 7,731,333	\$ 7,594,470	\$ 136,864	32,402	\$1.41
GS>50 kW	\$ 6,279,650	\$ 6,168,730	\$ 110,920	4,965	\$7.45
Large Use	\$ 109,326	\$ 107,393	\$ 1,933	2	\$322.17
Unmetered (USL)	\$ 190,738	\$ 187,265	\$ 3,473	2,976	\$0.39
Sentinel Lighting	\$ 6,527	\$ 6,414	\$ 113	209	\$0.18
Street Lighting	\$ 1,012,919	\$ 997,092	\$ 15,827	88,126	\$0.06
Total	\$ 83,275,374	\$ 81,699,580	\$ 1,575,794	454,024	

VARIABLE COMPONENT					
Rate Class	Revenue at Approved Rates	Revenue at Interim Rates	Revenue Under(over)	kWhs/kWs	Oct-Dec 2016 Rate Rider
Residential					
GS<50 kW	\$ 11,149,018	\$ 10,913,475	\$ 235,543	253,439,715	\$0.0009
GS>50 kW	\$ 31,299,639	\$ 30,746,211	\$ 553,428	2,980,866	\$0.1857
Large Use	\$ 162,700	\$ 159,821	\$ 2,878	37,930	\$0.0759
Unmetered (USL)	\$ 171,033	\$ 167,866	\$ 3,167	3,612,126	\$0.0009
Sentinel Lighting	\$ 5,936	\$ 5,831	\$ 105	248	\$0.4232
Street Lighting	\$ 626,873	\$ 615,787	\$ 11,086	40,735	\$0.2721
Total	\$ 43,415,199	\$ 42,608,992	\$ 806,207	260,111,621	

\$ 2,382,001

Revenue at Approved Rates - PowerStream (A)	Collection Period	9	months
---	-------------------	---	--------

Rate Class	Unit	Billing Determinants		Approved Rates		Distribution Revenue at Approved Rates		
		Fixed	Variable	Fixed	Variable	Fixed	Variable	Total
Residential	kWh	324,756	2,114,735,776	\$ 12.90	\$ 0.0143	\$ 37,704,159	\$ 30,240,722	\$ 67,944,880
GS<50 kW	kWh	32,355	785,142,079	\$ 26.55	\$ 0.0142	\$ 7,731,333	\$ 11,149,018	\$ 18,880,351
GS>50 kW	kW	4,950	9,239,200	\$ 140.97	\$ 3.3877	\$ 6,279,650	\$ 31,299,639	\$ 37,579,289
Large Use	kW	2	112,876	\$ 6,073.68	\$ 1.4414	\$ 109,326	\$ 162,700	\$ 272,026
Unmetered (USL)	kWh	2,968	10,557,621	\$ 7.14	\$ 0.0162	\$ 190,738	\$ 171,033	\$ 361,771
Sentinel Lighting	kW	209	727	\$ 3.47	\$ 8.1615	\$ 6,527	\$ 5,936	\$ 12,463
Street Lighting	kW	87,927	92,536	\$ 1.28	\$ 6.7744	\$ 1,012,919	\$ 626,873	\$ 1,639,792
Total						\$ 53,034,652	\$ 73,655,920	\$ 126,690,573

Revenue at Interim Rates - PowerStream (B)

Rate Class	Unit	Billing Determinants		Interim Rates		Distribution Revenue at Interim Rates		
		Fixed	Variable	Fixed	Variable	Fixed	Variable	Total
Residential	kWh	324,756	2,114,735,776	\$ 12.67	\$ 0.0140	\$ 37,031,914	\$ 29,606,301	\$ 66,638,215
GS<50 kW	kWh	32,355	785,142,079	\$ 26.08	\$ 0.0139	\$ 7,594,470	\$ 10,913,475	\$ 18,507,945
GS>50 kW	kW	4,950	9,239,200	\$ 138.48	\$ 3.3278	\$ 6,168,730	\$ 30,746,211	\$ 36,914,941
Large Use	kW	2	112,876	\$ 5,966.29	\$ 1.4159	\$ 107,393	\$ 159,821	\$ 267,215
Unmetered (USL)	kWh	2,968	10,557,621	\$ 7.01	\$ 0.0159	\$ 187,265	\$ 167,866	\$ 355,131
Sentinel Lighting	kW	209	727	\$ 3.41	\$ 8.0172	\$ 6,414	\$ 5,831	\$ 12,245
Street Lighting	kW	87,927	92,536	\$ 1.26	\$ 6.6546	\$ 997,092	\$ 615,787	\$ 1,612,879
Total						\$ 52,093,279	\$ 72,215,293	\$ 124,308,571

Foregone Revenue (A - B)	\$	941,373	\$	1,440,628	\$	2,382,001
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PowerStream 2016 IRM - Draft Rate Order

Foregone Distribution Revenue (January - September 2016)
 Interim and Approved Rates

Interim Rates

Rate Class	Unit	Interim Rates		Fixed	Variable
		Fixed	Variable	Base Rate	Base Rate
Residential	kWh	\$ 12.67	\$ 0.0140	\$ 12.67	\$ 0.0140
GS<50 kW	kWh	\$ 26.08	\$ 0.0139	\$ 26.08	\$ 0.0139
GS>50 kW	kW	\$ 138.48	\$ 3.3278	\$ 138.48	\$ 3.3278
Large Use	kW	\$ 5,966.29	\$ 1.4159	\$ 5,966.29	\$ 1.4159
Unmetered (USL)	kWh	\$ 7.01	\$ 0.0159	\$ 7.01	\$ 0.0159
Sentinel Lighting	kW	\$ 3.41	\$ 8.0172	\$ 3.41	\$ 8.0172
Street Lighting	kW	\$ 1.26	\$ 6.6546	\$ 1.26	\$ 6.6546

2016 Approved Rates - PowerStream

Rate Class	Unit	New Rates		Fixed	Variable
		Fixed	Variable	Base Rate	Base Rate
Residential	kWh	\$ 12.90	\$ 0.0143	\$ 12.90	\$ 0.0143
GS<50 kW	kWh	\$ 26.55	\$ 0.0142	\$ 26.55	\$ 0.0142
GS>50 kW	kW	\$ 140.97	\$ 3.3877	\$ 140.97	\$ 3.3877
Large Use	kW	\$ 6,073.68	\$ 1.4414	\$ 6,073.68	\$ 1.4414
Unmetered (USL)	kWh	\$ 7.14	\$ 0.0162	\$ 7.14	\$ 0.0162
Sentinel Lighting	kW	\$ 3.47	\$ 8.1615	\$ 3.47	\$ 8.1615
Street Lighting	kW	\$ 1.28	\$ 6.7744	\$ 1.28	\$ 6.7744

NOTES:

1. Approved Tariff of Rates and Charges Effective January 1, 2016 (EB-2015-0003)
2. Tariff of Rates and Charges Effective January 1, 2016, Implementation October 1, 2016, per Draft Rate Order (EB-2015-0003)
3. The ICM rate riders are not included in the Foregone Revenue Recovery Mechanism.



PowerStream 2016 IRM - Draft Rate Order

Foregone Distribution Revenue (January - September 2016)
 Billing Determinants

2016 Billing Determinants - Volumetric

Rate Class	Unit	Total per 2016 CIR Application	January	February	March	April	May	June	July	Aug	Sep	Jan-Sep	Oct-Dec 2016
Residential	kWh	2,714,896,670	237,195,293	231,841,534	214,369,364	182,764,155	191,658,666	251,270,687	315,397,528	284,751,249	205,487,300	2,114,735,776	600,160,894.31
GS<50 kW	kWh	1,038,581,794	94,678,835	89,520,395	88,235,666	77,405,523	79,156,506	86,208,483	97,600,896	93,013,519	79,322,255	785,142,079	253,439,715.25
GS>50 kW	kW	12,220,067	1,032,742	984,264	1,013,193	963,826	995,067	1,069,652	1,111,140	1,082,677	986,640	9,239,200	2,980,866.25
Large Use	kW	150,807	12,946	11,844	12,556	12,022	12,599	12,593	13,045	12,980	12,292	112,876	37,930.46
Unmetered (USL)	kWh	14,169,748	1,190,724	1,064,349	1,254,656	1,123,161	1,209,355	1,197,660	1,219,141	1,192,655	1,105,920	10,557,621	3,612,126.13
Sentinel Lighting	kW	975	86	76	88	76	85	76	83	81	76	727	247.97
Street Lighting	kW	133,270	14,758	12,655	10,129	12,491	9,483	6,683	6,498	9,836	10,003	92,536	40,735

2016 Billing Determinants - Customer/Connection Count

Rate Class	2016 AVG	January	February	March	April	May	June	July	August	September	Jan-Sep 2016 AVG	Oct-Dec 2016
Residential	325,345	323,203	323,588	323,974	324,362	324,752	325,142	325,534	325,927	326,321	324,756	327,111
GS<50 kW	32,402	32,233	32,263	32,294	32,324	32,355	32,386	32,417	32,448	32,479	32,355	32,541
GS>50 kW	4,965	4,910	4,919	4,930	4,939	4,949	4,960	4,969	4,980	4,990	4,950	5,010
Large Use	2	2	2	2	2	2	2	2	2	2	2	2
Unmetered (USL)	2,976	2,948	2,953	2,958	2,963	2,968	2,973	2,978	2,984	2,989	2,968	3,000
Sentinel Lighting	209	209	209	209	209	209	209	209	209	209	209	207
Street Lighting	88,126	87,400	87,531	87,662	87,794	87,926	88,058	88,191	88,324	88,457	87,927	88,723



PowerStream 2016 IRM - Draft Rate Order

Foregone Distribution Revenue (January - September 2016)
 2016 Customer Count - as per 2016 CIR Application (EB-2015-0003)

PowerStream All Service Areas													
Rate Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Residential	323,203	323,588	323,974	324,362	324,752	325,142	325,534	325,927	326,321	326,716	327,111	327,507	325,345
GS<50	32,233	32,263	32,294	32,324	32,355	32,386	32,417	32,448	32,479	32,510	32,541	32,572	32,402
GS>50	4,910	4,919	4,930	4,939	4,949	4,960	4,969	4,980	4,990	5,000	5,010	5,020	4,965
Large Use	2	2	2	2	2	2	2	2	2	2	2	2	2
USL	2,948	2,953	2,958	2,963	2,968	2,973	2,978	2,984	2,989	2,995	3,000	3,006	2,976
Sentinel Lighting	209	209	209	209	209	209	209	209	209	207	207	207	209
Street Lighting	87,400	87,531	87,662	87,794	87,926	88,058	88,191	88,324	88,457	88,590	88,723	88,857	88,126
Total	450,905	451,465	452,029	452,593	453,161	453,730	454,300	454,874	455,447	456,020	456,594	457,171	454,024



PowerStream 2016 IRM - Draft Rate Order

Foregone Distribution Revenue (January - September 2016)
 2016 Consumption/Demand - as per 2016 CIR Application (EB-2015-0003)

		PowerStream All Service Areas												
Rate Class	unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential	kWh	237,195,293	231,841,534	214,369,364	182,764,155	191,658,666	251,270,687	315,397,528	284,751,249	205,487,300	176,691,961	179,904,351	243,564,582	2,714,896,670
GS-50	kWh	94,678,835	89,520,395	88,235,666	77,405,523	79,156,506	86,208,483	97,600,896	93,013,519	79,322,255	73,365,696	81,511,209	98,562,810	1,038,581,794
GS>50	kW	1,032,742	984,264	1,013,193	963,826	995,067	1,069,652	1,111,140	1,082,677	986,640	981,622	977,483	1,021,762	12,220,067
Large Use	kW	12,946	11,844	12,556	12,022	12,599	12,593	13,045	12,980	12,292	12,494	12,525	12,911	150,807
USL	kWh	1,190,724	1,064,349	1,254,656	1,123,161	1,209,355	1,197,660	1,219,141	1,192,655	1,105,920	1,313,324	1,117,173	1,181,629	14,169,748
Sentinel Lighting	kW	86	76	88	76	85	76	83	81	76	85	82	81	975
Street Lighting	kW	14,758	12,655	10,129	12,491	9,483	6,683	6,498	9,836	10,003	11,290	13,209	16,236	133,270
Total Billed kWh		333,064,852	322,426,278	303,859,686	261,292,839	272,024,527	338,676,830	414,217,566	378,957,423	285,915,475	251,370,981	262,532,733	343,309,022	3,767,648,211
Total Billed kW		1,060,532	1,008,838	1,035,966	988,414	1,017,233	1,089,005	1,130,765	1,105,574	1,009,012	1,005,491	1,003,298	1,050,990	12,505,119



Version 4.00

Utility Name	PowerStream Inc.
Assigned EB Number	EB-2015-0103
Name and Title	Tom Barrett, Manager, Rates Applications
Phone Number	905-532-4640
Email Address	tom.barrett@powerstream.ca
Date	24-Feb-15
Last COS Re-based Year	2013

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

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ICM True-Up Model for Electricity Distributors

Sheet 2: ICM Capital Cost Data

2014

Audited Actual

1 Capital Costs

ICP 1 UNDERGROUND CABLE REHABILITATION

ICP 1.1
 ICP 1.2
 ICP 1.3
 ICP 1.4
 ICP 1.5
 ICP 1.6
 ICP 1.7
 ICP 1.8
 ICP 1.9
 ICP 1.10

Asset Type
 Asset type must be selected to enable calculations

Audited Actual

Poles	24,226
Overhead Conductor	19,823
Underground Conduit	2,305,442
Underground Conductor	723,816
Underground Injected Cable	3,890,145
Underground Transformers	49,234
Overhead Transformers	393
Overhead Services	3,551

Total Underground Cable Rehabilitation

\$ 7,016,630

ICP 2 SYSTEM RENEWAL - POLE REPLACEMENTS

ICP 2.1.
 ICP 2.2
 ICP 2.3
 ICP 2.4
 ICP 2.5
 ICP 2.6
 ICP 2.7
 ICP 2.8
 ICP 2.9
 ICP 2.10

Asset Type

Audited Actual

Poles	961,466
Overhead Conductor	406,931
Underground Conductor	56,172
Overhead Transformers	117,810
Underground Transformers	12,990
Overhead Services	79,026
Underground Conduit	19,646
System Supervisory Equipment	175
Distribution Station Equipment - Normally Primary below 50 kV	146
Underground Injected Cable	51

Total System Renewal - Pole Replacements

\$ 1,654,412

ICP 3 SYSTEM RENEWAL - STATION REPLACEMENTS

ICP 3.1
 ICP 3.2
 ICP 3.3
 ICP 3.4
 ICP 3.5
 ICP 3.6
 ICP 3.7
 ICP 3.8
 ICP 3.9
 ICP 3.10

Asset Type

Audited Actual

Poles	25,605
Overhead Conductor	79,225
RTU's	79,025
Underground Conductor	3,329
Underground Transformers	74
Overhead Services	509
System Supervisory Equipment	320
Distribution Station Equipment - Normally Primary below 50 kV	9,923
Transformer Station Equipment - Normally Primary above 50 kV	125,164

Total System Renewal - Station Replacements

\$ 323,174

ICP 4 SYSTEM RENEWAL - SWITCHGEAR & TRANSFORMER REPLACEMENTS

ICP 4.1

Asset Type

Audited Actual

Poles	9,421
-------	-------

ICP 4.2	Overhead Conductor	2,502
ICP 4.3	Underground Conduit	186,340
ICP 4.4	Underground Conductor	925,519
ICP 4.5	Overhead Transformers	12
ICP 4.6	Underground Transformers	165,200
ICP 4.7	Overhead Services	23,764
ICP 4.8	RTU's	-7,819
ICP 4.9	Distribution Station Equipment - Normally Primary below 50 kV	2,217
ICP 4.10	Land Rights	19
Total System Renewal - Switchgear & Transformer Replacements		\$ 1,307,175

ICP 5 SYSTEM CAPACITY RELIEF

	Asset Type	Audited Actual
ICP 5.1	Poles	285,853
ICP 5.2	Overhead Conductor	193,612
ICP 5.3	Underground Conduit	87,407
ICP 5.4	Underground Conductor	75,667
ICP 5.5	Overhead Transformers	10,496
ICP 5.6	Overhead Services	-470
ICP 5.7	RTU's	2,324
ICP 5.8		
ICP 5.9		
ICP 5.10		
Total System Capacity Relief		\$ 654,890
Total Capital Costs Related to Incremental Capital Projects (ICP)		\$ 10,956,281

OTHER CAPITAL COST

	Asset Type	Audited Actual
A		
B		
C		
Total Other Capital Costs		\$ -
Total ICM Capital Costs		\$ 10,956,281

2 Aggregated ICM Costs by Category

2.1	Capital	Account	
2.1.1	Poles	1830	\$ 1,306,572
2.1.2	Overhead Conductor	1835	\$ 702,093
2.1.3	Underground Conduit	1840	\$ 2,598,835
2.1.4	Underground Conductor	1845	\$ 1,784,503
2.1.5	Underground Injected Cable	1846	\$ 3,890,196
2.1.6	Overhead Transformers	1849	\$ 128,712
2.1.7	Underground Transformers	1850	\$ 227,498
2.1.8	Overhead Services	1855	\$ 106,380
2.1.9	RTU's	1981	\$ 73,531
2.1.10	System Supervisory Equipment	1980	\$ 494
2.1.11	Distribution Station Equipment - Normally Primary below 50 kV	1820	\$ 12,286
2.1.12	Transformer Station Equipment - Normally Primary above 50 kV	1815	\$ 125,164
2.1.13	Land Rights	1612	\$ 19
2.1.14			
Total Capital Costs			\$ 10,956,281



Sheet 3: Parameters and Rates

	2014
Cost of Capital	
Capital Structure	
Deemed Short-term Debt Capitalization	4.0%
Deemed Long-term Debt Capitalization	56.0%
Deemed Equity Capitalization	40.0%
Preferred Shares	
Total	100.0%
Cost of Capital Parameters	
Deemed Short-term Debt Rate	2.08%
Long-term Debt Rate (actual/embedded/deemed) ¹	4.15%
Target Return on Equity (ROE)	8.93%
Return on Preferred Shares	
WACC	5.98%
Working Capital Allowance	
Working Capital Allowance Rate	13.0%
<i>(% of the sum of Cost of Power + controllable expenses)</i>	
Taxes/PILs	
Aggregate Corporate Income Tax Rate	26.00%
Capital Tax (until July 1st, 2010)	0.00%

Depreciation Rates

(expressed as expected useful life in years)

	Account		
Poles - years	1830	45	
- rate (%)			2.22%
Overhead Conductor - years	1835	40	
- rate (%)			2.50%
Underground Conduit - years	1840	60	
- rate (%)			1.67%
Underground Conductor - years	1845	45	
- rate (%)			2.22%
U/G Injected Cable - years	1846	20	
- rate (%)			5.00%
Overhead Transformers - years	1849	40	
- rate (%)			2.50%
Underground Transformers - years	1850	30	
- rate (%)			3.33%
OH Services - years	1855	40	
- rate (%)			2.50%
RTU's - years	1981	15	
- rate (%)			6.67%
System Supervisory Equipment - years	1980	15	
- rate (%)			6.67%
Distribution Station Equipment - years	1820	30	
- rate (%)			3.33%
Transformer Station Equipment - years	1815	40	
- rate (%)			2.50%
Land Rights - years	1612	-	
- rate (%)			0.00%

no depreciation (ECE)

CCA Rates

Poles - CCA Class	47
Pole - CCA Rate	8%
Overhead Conductor - CCA Class	47
Overhead Conductor - CCA Rate	8%
Underground Conduit - CCA Class	47
Underground Conduit - CCA Rate	8%
Underground Conductor - CCA Class	47
Underground Conductor - CCA Rate	8%
U/G Injected Cable - CCA Class	47
U/G Injected Cable - CCA Rate	8%
Overhead Transformers - CCA Class	47
Overhead Transformers - CCA Rate	8%
Underground Transformers - CCA Class	47
Underground Transformers - CCA Rate	8%
OH Services - CCA Class	47
OH Services - CCA Rate	8%
RTU's - CCA Class	8
RUT's - CCA Rate	20%
System Supervisory Equipment - CCA Class	8
System Supervisory Equipment - CCA Rate	20%
Distribution Station Equipment - CCA Class	47
Distribution Station Equipment - CCA Rate	8%
Transformer Station Equipment - CCA Class	47
Transformer Station Equipment - CCA Rate	8%
Land Rights - CCA Class	
Land Rights - CCA Rate	

Assumptions

¹ Fiscal calendar year (January 1 to December 31) used.

³ Amortization is done on a straight line basis and no "half-year" rule applied.



Sheet 4: ICM Assets - Net Book Value

2014

Net Fixed Assets - Poles

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 1,306,572
Retirements/Removals (if applicable)	
Closing Balance	\$ 1,306,572

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 29,035
Retirements/Removals (if applicable)	
Closing Balance	-\$ 29,035

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 1,277,537
Incremental CAPEX	\$ 1,277,537

Net Fixed Assets - Overhead Conductor

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 702,093
Retirements/Removals (if applicable)	
Closing Balance	\$ 702,093

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 17,552
Retirements/Removals (if applicable)	
Closing Balance	-\$ 17,552

Net Book Value

Opening Balance	\$	-
Closing Balance	\$	684,541
Incremental CAPEX	\$	684,541

Net Fixed Assets - Underground Conduit

Gross Book Value

Opening Balance		
Capital Additions during year (from ICM Costs)	\$	2,598,835
Retirements/Removals (if applicable)		
Closing Balance	\$	2,598,835

Accumulated Depreciation

Opening Balance		
Amortization expense during year	-\$	43,314
Retirements/Removals (if applicable)		
Closing Balance	-\$	43,314

Net Book Value

Opening Balance	\$	-
Closing Balance	\$	2,555,521
Incremental CAPEX	\$	2,555,521

Net Fixed Assets - Underground Conductor

Gross Book Value

Opening Balance		
Capital Additions during year (from ICM Costs)	\$	1,784,503
Retirements/Removals (if applicable)		
Closing Balance	\$	1,784,503

Accumulated Depreciation

Opening Balance		
Amortization expense during year	-\$	39,656
Retirements/Removals (if applicable)		
Closing Balance	-\$	39,656

Net Book Value

Opening Balance	\$	-
Closing Balance	\$	1,744,847
Incremental CAPEX	\$	1,744,847

Net Fixed Assets - U/G Injected Cable

Gross Book Value

Opening Balance		
Capital Additions during year (from ICM Costs)	\$	3,890,196
Retirements/Removals (if applicable)		
Closing Balance	\$	3,890,196

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 194,510
Retirements/Removals (if applicable)	
Closing Balance	-\$ 194,510

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 3,695,686
Incremental CAPEX	\$ 3,695,686

Net Fixed Assets - OH Transformers

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 128,712
Retirements/Removals (if applicable)	
Closing Balance	\$ 128,712

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 3,218
Retirements/Removals (if applicable)	
Closing Balance	-\$ 3,218

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 125,494
Incremental CAPEX	\$ 125,494

Net Fixed Assets - UG Transformers

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 227,498
Retirements/Removals (if applicable)	
Closing Balance	\$ 227,498

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 7,583
Retirements/Removals (if applicable)	
Closing Balance	-\$ 7,583

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 219,914
Incremental CAPEX	\$ 219,914

Net Fixed Assets - OH Services

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 106,380
Retirements/Removals (if applicable)	
Closing Balance	\$ 106,380

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 2,660
Retirements/Removals (if applicable)	
Closing Balance	-\$ 2,660

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 103,721
Incremental CAPEX	\$ 103,721

Net Fixed Assets - RTUs

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 73,531
Retirements/Removals (if applicable)	
Closing Balance	\$ 73,531

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 4,902
Retirements/Removals (if applicable)	
Closing Balance	-\$ 4,902

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 68,629
Incremental CAPEX	\$ 68,629

Net Fixed Assets - System Supervisory Equipment

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 494
Retirements/Removals (if applicable)	
Closing Balance	\$ 494

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 33
Retirements/Removals (if applicable)	
Closing Balance	-\$ 33

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 461
Incremental CAPEX	\$ 461

Net Fixed Assets - Distribution Station Equipment

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 12,286
Retirements/Removals (if applicable)	
Closing Balance	\$ 12,286

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 410
Retirements/Removals (if applicable)	
Closing Balance	-\$ 410

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 11,876
Incremental CAPEX	\$ 11,876

Net Fixed Assets - Transformer Station Equipment

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 125,164
Retirements/Removals (if applicable)	
Closing Balance	\$ 125,164

Accumulated Depreciation

Opening Balance	
Amortization expense during year	-\$ 3,129
Retirements/Removals (if applicable)	
Closing Balance	-\$ 3,129

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 122,034
Incremental CAPEX	\$ 122,034

Net Fixed Assets - Land Rights

Gross Book Value

Opening Balance	
Capital Additions during year (from ICM Costs)	\$ 19
Retirements/Removals (if applicable)	
Closing Balance	\$ 19

Accumulated Depreciation

Opening Balance	
Amortization expense during year	\$ -
Retirements/Removals (if applicable)	
Closing Balance	\$ -

Net Book Value

Opening Balance	\$ -
Closing Balance	\$ 19
Incremental CAPEX	\$ 19

Additions	\$	10,956,281	#
Incremental CAPEX	\$	10,610,281	#
Total Amortization	-\$	346,001	#



Sheet 6: CCA For PILs Calculation

UCC/Class 47

	2014 Audited Actual
Opening UCC	\$ -
Capital Additions	\$ 10,882,256
Retirements/Removals (if applicable)	<u> </u>
UCC Full Year	<u>\$ 10,882,256</u>

CCA Rate Class	47
CCA Rate	8%
CCA	\$ 870,580
Closing UCC	<u>\$ 10,011,676</u>

UCC/Class 8

	2014 Audited Actual
Opening UCC	\$ -
Capital Additions RTU's	\$ 74,025
Retirements/Removals (if applicable)	<u> </u>
UCC Full Year	<u>\$ 74,025</u>

CCA Rate Class	8
CCA Rate	20%
CCA	\$ 14,805
Closing UCC	<u>\$ 59,220</u>



Sheet 6: Incremental Capital Adjustment

2014 IRM

Return on Rate Base			
Incremental Capital CAPEX		\$	10,956,281
Depreciation Expense		\$	346,001
Incremental Capital CAPEX to be included in Rate Base		\$	10,610,281
Deemed Short Term Debt %	4.0%	E \$	424,411
Deemed Long Term Debt %	56.0%	F \$	5,941,757
Short Term Interest	2.08%	I \$	8,828
Long Term Interest	4.15%	J \$	246,583
Return on Rate Base - Interest		\$	255,411
Deemed Equity %	40.0%	N \$	4,244,112
Return on Rate Base - Equity	8.93%	O \$	378,999
Return on Rate Base - Total		\$	634,410

B
C
D = B - C

G = D * E
H = D * F

K = G * I
L = H * J

M = K + L

P = D * N
Q = P * O

R = M + Q

	\$	11,326,840
	\$	260,582
	\$	11,066,259
4.0%	\$	442,650
56.0%	\$	6,197,105
2.08%	\$	9,207
4.15%	\$	256,898
	\$	266,105
40.0%	\$	4,426,503
8.93%	\$	395,287
	\$	661,392

Amortization Expense			
Amortization Expense - Incremental		C \$	346,001

S

	\$	260,582
--	----	---------

Grossed up PIL's			
Regulatory Taxable Income		O \$	378,999
Add Back Amortization Expense		S \$	346,001
Deduct CCA		\$	885,386
Incremental Taxable Income		\$	160,386
Current Tax Rate (F1.1 Z-Factor Tax Changes)	26.0%	X	
PIL's Before Gross Up		-\$	41,700
Incremental Grossed Up PIL's		-\$	56,352

T
U
V
W = T + U - V

Y = W * X
Z = Y / (1 - X)

	\$	395,287
	\$	260,582
	\$	906,147
	-\$	250,279
26.0%		
	-\$	65,073
	-\$	87,936

Ontario Capital Tax			
Incremental Capital CAPEX		\$	10,956,281
Less : Available Capital Exemption (if any)		\$	-
Incremental Capital CAPEX subject to OCT		\$	10,956,281
Ontario Capital Tax Rate (F1.1 Z-Factor Tax Changes)	0.000%	AD	
Incremental Ontario Capital Tax		\$	-

AA
AB
AC = AA - AB

AE = AC * AD

	\$	11,326,840
	\$	-
	\$	11,326,840
	\$	-

Incremental Revenue Requirement			
Return on Rate Base - Total	Q	\$	634,410
Amortization Expense - Total	S	\$	346,001
Incremental Grossed Up PIL's	Z	-\$	56,352
Incremental Ontario Capital Tax	AE	\$	-
Incremental Revenue Requirement		\$	924,059

AF
AG
AH
AI

AJ = AF + AG + AH + AI

	\$	661,392
	\$	260,582
	-\$	87,936
	\$	-
	\$	834,037



ICM True-Up Model for Electricity Distributors

This worksheet calculates the funding adder revenues.

Sheet 7: ICM Funding Adder Revenues

Account 1511 - Sub-account ICM Funding Adder Revenues

Prescribed Interest Rates	Approved Deferral and Variance Accounts	CWIP	Date	Year	Quarter	Opening Balance (Principal)	Funding Adder Revenues	Interest Rate	Interest	Principal & Interest (Cumm.)	Board Approved ICM Funding Adder	Board Approved ICM Funding Adder (Cumm.)
2006 Q1			Jan-14	2014	Q1	\$ -	\$ -	1.47%	\$ -	\$ -	\$ -	\$ -
2006 Q2	4.14%	4.68%	Feb-14	2014	Q1	\$ -	\$ -	1.47%	\$ -	\$ -	\$ -	\$ -
2006 Q3	4.59%	5.05%	Mar-14	2014	Q1	\$ -	\$ 81,633.07	1.47%	\$ -	\$ 81,633.07	\$ 83,403.75	\$ 83,403.75
2006 Q4	4.59%	4.72%	Apr-14	2014	Q2	\$ 81,633.07	\$ 79,489.14	1.47%	\$ 100.00	\$ 161,222.21	\$ 83,403.75	\$ 166,807.50
2007 Q1	4.59%	4.72%	May-14	2014	Q2	\$ 161,122.21	\$ 101,852.75	1.47%	\$ 197.37	\$ 263,272.33	\$ 83,403.75	\$ 250,211.24
2007 Q2	4.59%	4.72%	Jun-14	2014	Q2	\$ 262,974.96	\$ 88,915.12	1.47%	\$ 322.14	\$ 352,509.59	\$ 83,403.75	\$ 333,614.99
2007 Q3	4.59%	5.18%	Jul-14	2014	Q3	\$ 351,890.08	\$ 96,907.28	1.47%	\$ 431.07	\$ 449,847.94	\$ 83,403.75	\$ 417,018.74
2007 Q4	5.14%	5.18%	Aug-14	2014	Q3	\$ 448,797.36	\$ 102,961.39	1.47%	\$ 549.78	\$ 553,359.11	\$ 83,403.75	\$ 500,422.49
2008 Q1	5.14%	5.18%	Sep-14	2014	Q3	\$ 551,758.75	\$ 98,095.57	1.47%	\$ 675.90	\$ 652,130.58	\$ 83,403.75	\$ 583,826.24
2008 Q2	4.08%	5.18%	Oct-14	2014	Q4	\$ 649,854.32	\$ 93,325.99	1.47%	\$ 796.07	\$ 746,252.64	\$ 83,403.75	\$ 667,229.98
2008 Q3	3.35%	5.43%	Nov-14	2014	Q4	\$ 743,180.31	\$ 87,338.40	1.47%	\$ 910.40	\$ 834,501.44	\$ 83,403.75	\$ 750,633.73
2008 Q4	3.35%	5.43%	Dec-14	2014	Q4	\$ 830,518.71	\$ 96,981.68	1.47%	\$ 1,017.39	\$ 932,500.51	\$ 83,403.75	\$ 834,037.48
2009 Q1	2.45%	6.61%	Jan-15	2015	Q1	\$ 927,500.39	\$ 83,727.57	1.47%	\$ 1,136.19	\$ 1,017,364.27	\$ 69,503.12	\$ 903,540.60
2009 Q2	1.00%	6.61%	Feb-15	2015	Q1	\$ 1,011,227.96	\$ 79,245.51	1.47%	\$ 1,238.75	\$ 1,097,848.53	\$ 69,503.12	\$ 973,043.73
2009 Q3	0.55%	5.67%	Mar-15	2015	Q1	\$ 1,090,473.47	\$ 84,672.98	1.47%	\$ 1,335.83	\$ 1,183,857.34	\$ 69,503.12	\$ 1,042,546.85
2009 Q4	0.55%	4.66%	Apr-15	2015	Q2	\$ 1,175,146.45	\$ 78,624.76	1.47%	\$ 1,439.55	\$ 1,263,921.65	\$ 69,503.12	\$ 1,112,049.97
2010 Q1	0.55%	4.34%	May-15	2015	Q2	\$ 1,253,771.21	\$ 25,693.22	1.47%	\$ 1,535.87	\$ 1,239,764.26	\$ 69,503.12	\$ 1,181,553.10
2010 Q2	0.55%	4.34%	Jun-15	2015	Q2	\$ 1,228,077.95	\$ 180,243.32	1.47%	\$ 1,504.40	\$ 1,421,511.98	\$ 69,503.12	\$ 1,251,056.22
2010 Q3	0.89%	4.66%	Jul-15	2015	Q3	\$ 1,408,321.27	\$ 88,985.05	1.47%	\$ 1,725.19	\$ 1,512,222.22	\$ 69,503.12	\$ 1,320,559.34
2010 Q4	1.20%	4.01%	Aug-15	2015	Q3	\$ 1,497,306.32	\$ 84,666.00	1.47%	\$ 1,834.20	\$ 1,598,722.42	\$ 69,503.12	\$ 1,390,062.47
2011 Q1	1.47%	4.29%	Sep-15	2015	Q3	\$ 1,581,972.32	\$ 84,780.95	1.47%	\$ 1,937.92	\$ 1,685,441.29	\$ 69,503.12	\$ 1,459,565.59
2011 Q2	1.47%	4.29%	Oct-15	2015	Q4	\$ 1,666,753.27	\$ 84,537.40	1.47%	\$ 2,041.77	\$ 1,772,020.46	\$ 69,503.12	\$ 1,529,068.71
2011 Q3	1.47%	4.29%	Nov-15	2015	Q4	\$ 1,751,290.67	\$ 70,041.17	1.47%	\$ 2,145.33	\$ 1,844,206.96	\$ 69,503.12	\$ 1,598,571.84
2011 Q4	1.47%	3.92%	Dec-15	2015	Q4	\$ 1,821,331.84	\$ 76,251.07	1.47%	\$ 2,231.13	\$ 1,922,689.16	\$ 69,503.12	\$ 1,668,074.96
2012 Q1	1.47%	3.92%	Jan-16	2016	Q1	\$ 1,897,582.91	\$ 84,474.97	1.10%	\$ 1,739.45	\$ 2,008,903.58	\$ 69,503.12	\$ 1,737,578.08
2012 Q2	1.47%	3.23%	Feb-16	2016	Q1	\$ 1,982,057.88	\$ 81,598.46	1.10%	\$ 1,816.89	\$ 2,092,318.94	\$ 69,503.12	\$ 1,807,081.21
2012 Q3	1.47%	3.23%	Mar-16	2016	Q1	\$ 2,063,656.35	\$ 80,523.56	1.10%	\$ 1,891.68	\$ 2,174,734.18	\$ 69,503.12	\$ 1,876,584.33
2012 Q4	1.47%	3.70%	Apr-16	2016	Q2	\$ 2,144,179.91	\$ 75,457.13	1.10%	\$ 1,965.50	\$ 2,252,156.81	\$ 69,503.12	\$ 1,946,087.45
2013 Q1	1.47%	3.70%	May-16	2016	Q2	\$ 2,219,637.04	\$ 77,296.30	1.10%	\$ 2,034.67	\$ 2,331,487.77	\$ 69,503.12	\$ 2,015,590.58
2013 Q2	1.47%	3.17%	Jun-16	2016	Q2	\$ 2,296,933.33	\$ 84,521.78	1.10%	\$ 2,105.52	\$ 2,418,115.07	\$ 69,503.12	\$ 2,085,093.70
2013 Q3	1.47%	3.17%	Jul-16	2016	Q3	\$ 2,381,455.11	\$ 93,903.95	1.10%	\$ 2,183.00	\$ 2,514,202.02	\$ 69,503.12	\$ 2,154,596.82
2013 Q4	1.47%	3.17%	Aug-16	2016	Q3	\$ 2,475,359.06	\$ 89,637.25	1.10%	\$ 2,269.08	\$ 2,606,108.35	\$ 69,503.12	\$ 2,224,099.95
2014 Q1	1.47%	3.70%	Sep-16	2016	Q3	\$ 2,564,996.31	\$ 78,722.43	1.10%	\$ 2,351.25	\$ 2,687,182.03	\$ 69,503.12	\$ 2,293,603.07
2014 Q2	1.47%	3.17%	Oct-16	2016	Q4	\$ 2,643,718.74	\$ 75,365.63	1.10%	\$ 2,423.41	\$ 2,764,971.07	\$ 69,503.12	\$ 2,363,106.19
2014 Q3	1.47%	3.17%	Nov-16	2016	Q4	\$ 2,719,084.37	\$ 76,087.09	1.10%	\$ 2,492.49	\$ 2,843,550.65	\$ 69,503.12	\$ 2,432,609.32
2014 Q4	1.47%	3.17%	Dec-16	2016	Q4	\$ 2,795,171.46	\$ 86,533.41	1.10%	\$ 2,562.24	\$ 2,932,646.30	\$ 69,503.12	\$ 2,502,112.44
2015 Q1	1.47%	2.89%										
2015 Q2	1.10%	2.28%										
2015 Q3	1.10%	2.55%										
2015 Q4	1.10%	2.55%										
2016 Q1	1.10%	2.92%										
2016 Q2	1.10%	2.92%										
2016 Q3	1.10%	2.92%										
2016 Q4	1.10%	2.92%										
Total Funding Adder Revenues Collected						\$ 2,881,704.87	\$ 50,941.43	\$ 2,932,646.30				

NOTE: Funding adder revenues are up to December 2015 actuals and Jan-Dec 2016 forecasted (Approved rates x 2016 billing determinants)



This worksheet calculates the interest on amortization/depreciation expense, in the absence of monthly data.

Sheet 8: Interest on Amortization (Annual Data)

Year	OM&A	Amortization Expense (from Sheet 6)	Cumulative OM&A and Amortization Expense	Average Cumulative OM&A and Amortization Expense	Average Annual Prescribed Interest Rate for Deferral and Variance Accounts (from Sheet 7)	Simple Interest on OM&A and Amortization Expenses
2014	\$ -	\$ 346,000.76	\$ 346,000.76	\$ 173,000.38	1.47%	\$ 2,543.11
2015	\$ -	\$ 346,000.76	\$ 692,001.53	\$ 519,001.15	1.19%	\$ 6,189.09
2016	\$ -	\$ 346,000.76	\$ 1,038,002.29	\$ 865,001.91	1.10%	\$ 9,515.02
Cumulative Interest to 2014						\$ 2,543.11
Cumulative Interest to 2015						\$ 8,732.19
Cumulative Interest to 2016						\$ 18,247.22



ICM True-Up Model for Electricity Distributors

This worksheet calculates the ICM Incremental Revenue Requirement.

Sheet 9: ICM Incremental Revenue Requirement

	2014	2015	2016	Total
Deferred and forecasted ICM Incremental Revenue Requirement (from Sheet 6)	\$ 924,059	\$ 924,059	\$ 924,059	\$ 2,772,177
Interest on Deferred and forecasted Amortization Expense (Sheet 8)	\$ 2,543	\$ 6,189	\$ 9,515	\$ 18,247
ICM Funding Adder Revenues (from Sheet 7)	\$ 927,500	\$ 970,083	\$ 984,122	\$ 2,881,705
ICM Funding Adder Interest (from Sheet 7)	\$ 5,000	\$ 20,106	\$ 25,835	\$ 50,941
Net Deferred Revenue Requirement	-\$ 5,898	-\$ 59,941	-\$ 76,383	-\$ 142,222

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

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	\$ 111,092,397.24
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NOTE: as per Cost Allocation

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	12.9
Distribution Volumetric Rate (\$/kWh)	0.0143

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	12.9	331,461	\$ 51,310,149.90	57.15%
Variable	0.0143	2,689,802,037	\$ 38,464,169.12	42.85%
TOTAL	-	-	\$ 89,774,319.02	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	4
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	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	\$ 63,494,411.51	15.96	\$ 63,481,394.76
Variable	\$ 47,597,985.73	0.0177	\$ 47,609,496.05
TOTAL	\$ 111,092,397.24	-	\$ 111,090,890.81

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	67.87%	\$ 75,393,907.94	18.95	\$ 75,374,212.45
Variable	32.13%	\$ 35,698,489.30	0.0133	\$ 35,774,367.09
TOTAL	-	\$ 111,092,397.24	-	\$ 111,148,579.54

Checks ³	
Change in Fixed Rate	2.99
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 56,182.30
	0.05%

Notes:

- The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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

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	331,461
kWh	2,689,802,037

Proposed Residential Class Specific Revenue Requirement ¹	\$ 111,148,579.54
--	-------------------

Note: for 2018-2020, the amount is calculated as current rates 'times' billing det

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	18.95
Distribution Volumetric Rate (\$/kWh)	0.0133

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	18.95	331,461	\$ 75,374,212.45	67.81%
Variable	0.0133	2,689,802,037	\$ 35,774,367.09	32.19%
TOTAL	-	-	\$ 111,148,579.54	-

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	\$ 75,374,212.45	18.95	\$ 75,374,212.45
Variable	\$ 35,774,367.09	0.0133	\$ 35,774,367.09
TOTAL	\$ 111,148,579.54	-	\$ 111,148,579.54

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	78.54%	\$ 87,299,001.48	21.95	\$ 87,306,805.45
Variable	21.46%	\$ 23,849,578.06	0.0089	\$ 23,939,238.13
TOTAL	-	\$ 111,148,579.54	-	\$ 111,246,043.58

Checks ³	
Change in Fixed Rate	3.00
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 97,464.04
	0.09%

Notes:

- The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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

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	331,461
kWh	2,689,802,037

Proposed Residential Class Specific Revenue Requirement ¹	\$ 111,246,043.58
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	21.95
Distribution Volumetric Rate (\$/kWh)	0.0089

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	21.95	331,461	\$ 87,306,805.45	78.48%
Variable	0.0089	2,689,802,037	\$ 23,939,238.13	21.52%
TOTAL	-	-	\$ 111,246,043.58	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	2
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	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	\$ 87,306,805.45	21.95	\$ 87,306,805.45
Variable	\$ 23,939,238.13	0.0089	\$ 23,939,238.13
TOTAL	\$ 111,246,043.58	-	\$ 111,246,043.58

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	89.24%	\$ 99,276,424.51	24.96	\$ 99,279,173.76
Variable	10.76%	\$ 11,969,619.06	0.0045	\$ 12,104,109.17
TOTAL	-	\$ 111,246,043.58	-	\$ 111,383,282.93

Checks ³	
Change in Fixed Rate	3.01
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 137,239.35 0.12%

Notes:

- The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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

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	331,461
kWh	2,689,802,037

Proposed Residential Class Specific Revenue Requirement ¹	\$ 111,383,282.93
--	-------------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	24.96
Distribution Volumetric Rate (\$/kWh)	0.0045

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	24.96	331,461	\$ 99,279,173.76	89.13%
Variable	0.0045	2,689,802,037	\$ 12,104,109.17	10.87%
TOTAL	-	-	\$ 111,383,282.93	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	1
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	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	\$ 99,279,173.76	24.96	\$ 99,279,173.76
Variable	\$ 12,104,109.17	0.0045	\$ 12,104,109.17
TOTAL	\$ 111,383,282.93	-	\$ 111,383,282.93

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Reconciliation @ Adjusted Rates
Fixed	100.00%	\$ 111,383,282.93	28	\$ 111,370,868.00
Variable	0.00%	-	0	-
TOTAL	-	\$ 111,383,282.93	-	\$ 111,370,868.00

Checks ³	
Change in Fixed Rate	3.04
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 12,414.93
	-0.01%

Notes:

- The final residential class specific revenue requirement, as shown in Appendix 2-P, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- Default number of transition years for rate design policy change is 4. Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

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
10		Transportation								\$ 1,814			
8		Stores Equipment								\$ 39			
8		Tools, Shop & Garage								\$ 473			
										less - Non- distribution			
										\$ 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("RGCRP") 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.													

Appendix 2-BA
Fixed Asset Continuity Schedule
Year **2016**

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	1,181	288	0	1,469	3,484
n/a	1805	Land	0		23,547	2,889	0	26,436	0	0	0	0	26,436
CEC	1612	Land Rights	0		906	34	0	940	0	0	0	0	940
1	1808	Building & Fixtures	2.50%		6,929	76	0	7,005	1,016	219	0	1,235	5,770
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	106,253	2,891	0	109,144	21,491	4,135	0	25,626	83,518
47	1820	Distribution Stations	3.33%	1	28,387	491	0	28,878	7,202	1,484	0	8,686	20,192
47	1830	Poles, Towers & Fixtures	2.22%		160,781	23,545	-87	184,239	14,626	4,060	-4	18,682	165,557
47	1835	O/H Cond & Devices	2.50%		136,977	24,397	-130	161,244	16,015	4,229	-8	20,236	141,008
47	1840	U/G Conduit	1.67%		105,019	6,333	0	111,352	7,101	1,893	0	8,994	102,358
47	1845	U/G Cond & Devices	2.22%		316,642	38,603	-433	354,812	31,834	9,056	-23	40,867	313,945
47	1850	Line Transformers	2.92%	2	168,806	13,235	-1,901	180,140	31,390	7,274	-166	38,498	141,642
47	1855	Services (OH and UG)	3.25%	2	71,804	4,118	0	75,922	17,867	3,522	0	21,389	54,533
47	1860	Meters	5.33%	2	33,238	2,924	-1,176	34,986	7,052	2,165	-588	8,629	26,357
47	1860	Smart Meters	6.67%		51,019	2,384	0	53,403	17,794	3,767	0	21,561	31,842
47	1875	Streetlighting	4.00%		2,126	2	0	2,128	396	91	0	487	1,641
		Subtotal Distribution Assets	n/a		1,227,265	121,922	-3,727	1,345,460	174,965	42,183	-789	216,359	1,129,101
General Plant Assets													
1	1908	Building & Fixtures - Head office	2.00%	1	47,313	398	0	47,711	4,768	1,068	0	5,836	41,875
13	1910	Leasehold Improvements	30.00%		191	0	0	191	28	-1	0	27	164
8	1915	Office Equipment	10.00%		5,035	13	0	5,048	2,800	598	0	3,398	1,650
50	1920	Computer hardware	20.42%	2	13,363	2,194	0	15,557	7,869	2,161	0	10,030	5,527
12	1611	Computer Software	22.78%	2	67,643	12,413	0	80,056	15,934	8,853	0	24,787	55,269
10	1930	Transportation	9.05%	2	16,566	3,124	0	19,690	7,619	1,953	0	9,572	10,118
8	1935	Stores Equipment	10.00%		680	0	0	680	44	65	0	109	571
8	1940	Tools, Shop & Garage	10.00%		4,875	478	0	5,353	2,151	498	0	2,649	2,704
8	1955	Communication Equipment	21.67%	2	2,599	268	0	2,867	1,797	209	0	2,006	861
8	1960	Miscellaneous equipment	10.00%		0	0	0	0	0	0	0	0	0
47	1980	System Supervisory Equip	7.78%	2	12,605	1,596	0	14,201	5,511	1,044	0	6,555	7,646
47	1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0
		Subtotal General Plant Assets	n/a		170,870	20,484	0	191,354	48,521	16,448	0	64,969	126,385
Other Capital													
47	2005	Prop. Under Capital Lease-Addiscott	4.00%		17,549	0	0	17,549	3,657	733	0	4,390	13,159
		Subtotal Other Capital Assets	n/a		17,549	0	0	17,549	3,657	733	0	4,390	13,159
		Total Assets Before Contributed Capital	n/a		1,415,684	142,406	-3,727	1,554,363	227,143	59,364	-789	285,718	1,268,645
47	1995/1996	Contributed Capital	varies		-344,176	-22,014	993	-365,197	-44,952	-10,620	71	-55,501	-309,696
		NET DISTRIBUTION ASSETS	n/a		1,071,508	120,392	-2,734	1,189,166	182,191	48,744	-718	230,217	958,949
		Less Socialized Renewable Energy Generation Investments (input as negative) (5)			-2,967	-67	0	-3,034	-369	-110	0	-479	-2,555
		Less Other Non Rate-Regulated Utility Assets (input as negative) (4)			170	-2	0	168	-117	-44	0	-161	329
		Total PP&E			1,068,711	120,323	-2,734	1,186,300	181,705	48,590	-718	229,577	956,722
10		Transportation								\$	1,953		
8		Stores Equipment								\$	65		
8		Tools, Shop & Garage								\$	498		
										\$	44		
										\$	46,184		
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") capital costs for 2015 are included in the closing 2016 fixed assets balances. The renewable generation connection rate protection("RGCRP") additions represents 94% of the RGEN costs and for 2017 the calculated amount is \$76k. 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 2016 fixed asset additions and therefore added to rate base to be recovered from PowerStream ratepayers.													

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

Revision Date: August 15, 2016

REVISED: Board Decision Appendix 2-BA
Fixed Asset Continuity Schedule
 Year 2017

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	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	30	0	970	0	0	0	0	970
1	1808	Building & Fixtures	2.50%		7,005	68	0	7,073	1,235	220	0	1,455	5,618
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	24,664	0	133,808	25,626	4,371	0	29,997	103,811
47	1820	Distribution Stations	3.33%	1	28,878	1,711	0	30,589	8,686	1,446	0	10,132	20,457
47	1830	Poles, Towers & Fixtures	2.22%		184,239	22,180	(87)	206,332	18,682	4,560	(4)	23,238	183,094
47	1835	O/H Cond & Devices	2.50%		161,244	20,981	(130)	182,095	20,236	4,748	(8)	24,976	157,119
47	1840	U/G Conduit	1.67%		111,352	6,702	0	118,054	8,994	1,998	0	10,992	107,062
47	1845	U/G Cond & Devices	2.22%		354,812	39,850	(433)	394,229	40,867	10,016	(23)	50,860	343,369
47	1850	Line Transformers	2.92%	2	180,140	13,057	(1,901)	191,296	38,498	7,671	(166)	46,003	145,293
47	1855	Services (OH and UG)	3.25%	2	75,922	3,701	0	79,623	21,389	3,571	0	24,960	54,663
47	1860	Meters	5.33%	2	34,986	2,824	(1,176)	36,634	8,629	2,331	(588)	10,372	26,262
47	1860	Smart Meters	6.67%		53,403	1,353	0	54,756	21,561	3,882	0	25,443	29,313
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	137,123	(3,727)	1,478,856	216,359	45,193	(789)	260,763	1,218,093
General Plant Assets													
1	1908	Building & Fixtures - Head office	2.00%	1	47,711	354	0	48,065	5,836	1,073	0	6,909	41,156
13	1910	Leasehold Improvements	30.00%		191	0	0	191	27	(1)	0	26	165
8	1915	Office Equipment	10.00%		5,048	21	0	5,069	3,398	598	0	3,996	1,073
50	1920	Computer hardware	20.42%	2	15,557	2,601	0	18,158	10,030	2,464	0	12,494	5,664
12	1611	Computer Software	22.78%	2	80,056	9,217	0	89,273	24,787	10,009	0	34,796	54,477
10	1930	Transportation	9.05%	2	19,690	2,365	0	22,055	9,572	2,027	0	11,599	10,456
8	1935	Stores Equipment	10.00%		680	0	0	680	109	66	0	175	505
8	1940	Tools, Shop & Garage	10.00%		5,353	417	0	5,770	2,649	505	0	3,154	2,616
8	1955	Communication Equipment	21.67%	2	2,867	452	0	3,319	2,006	209	0	2,215	1,104
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	962	0	15,163	6,555	1,058	0	7,613	7,550
47	1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0
		Subtotal General Plant Assets	n/a		191,354	16,389	0	207,743	64,969	18,008	0	82,977	124,766
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	153,512	(3,727)	1,704,148	285,718	63,932	(789)	348,861	1,355,287
47	1995/1996	Contributed Capital	varies		(365,197)	(20,186)	993	(384,390)	(55,501)	(11,277)	71	(66,707)	(317,683)
		NET DISTRIBUTION ASSETS	n/a		1,189,166	133,326	(2,734)	1,319,758	230,217	52,655	(718)	282,154	1,037,604
		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	133,324	(2,734)	1,316,890	229,577	52,503	(718)	281,362	1,035,526

Less: Fully Allocated Depreciation	
Transportation	\$ 2,027
Stores Equipment	\$ 66
Tools, Shop & Garage	\$ 505
less - Non- distribution	-\$ 44
Net Depreciation	\$ 50,013

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.



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

[1. Info](#)

[2. Table of Contents](#)

[3. Data Input Sheet](#)

[4. Rate Base](#)

[5. Utility Income](#)

[6. Taxes PILs](#)

[7. Cost of Capital](#)

[8. Rev Def Suff](#)

[9. Rev Reqt](#)

[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

Rate Base and Working Capital

Line No.	Rate Base		Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
	Particulars						
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	<u>(\$6,196,533)</u>	<u>(\$8,787,501)</u>	<u>(\$8,737,501)</u>
<u>Calculation of Utility Income Taxes</u>				
4	Income taxes	<u>(\$2,763,674)</u>	<u>(\$3,450,281)</u>	<u>(\$3,450,281)</u>
6	Total taxes	<u>(\$2,763,674)</u>	<u>(\$3,450,281)</u>	<u>(\$3,450,281)</u>
7	Gross-up of Income Taxes	<u>(\$996,427)</u>	<u>(\$1,243,979)</u>	<u>(\$1,243,979)</u>
8	Grossed-up Income Taxes	<u>(\$3,760,101)</u>	<u>(\$4,694,260)</u>	<u>(\$4,694,260)</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>(\$3,760,101)</u>	<u>(\$4,694,260)</u>	<u>(\$4,694,260)</u>
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 (%)	<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%	\$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





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 Offsets - net	\$12,590,603	\$12,590,603	\$12,590,603	\$12,590,603	\$12,590,603	\$12,590,603
4	Total Revenue	<u>\$175,034,957</u>	<u>\$204,512,509</u>	<u>\$174,383,125</u>	<u>\$199,614,091</u>	<u>\$174,383,125</u>	<u>\$199,614,091</u>
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	<u>\$168,231,899</u>	<u>\$168,231,899</u>	<u>\$166,808,609</u>	<u>\$166,808,609</u>	<u>\$166,808,609</u>	<u>\$166,808,609</u>
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	<u>(\$39,434,186)</u>	<u>(\$9,956,634)</u>	<u>(\$38,712,727)</u>	<u>(\$13,481,761)</u>	<u>(\$38,712,727)</u>	<u>(\$13,481,761)</u>
12	Income Tax Rate	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
13	Income Tax on Taxable Income	<u>(\$10,450,059)</u>	<u>(\$2,638,508)</u>	<u>(\$10,258,873)</u>	<u>(\$3,572,667)</u>	<u>(\$10,258,873)</u>	<u>(\$3,572,667)</u>
14	Income Tax Credits	<u>(\$1,121,593)</u>	<u>(\$1,121,593)</u>	<u>(\$1,121,593)</u>	<u>(\$1,121,593)</u>	<u>(\$1,121,593)</u>	<u>(\$1,121,593)</u>
15	Utility Net Income	<u>\$18,374,709</u>	<u>\$40,040,710</u>	<u>\$18,954,982</u>	<u>\$37,499,742</u>	<u>\$18,954,982</u>	<u>\$37,499,742</u>
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)	<u>\$29,477,552 (1)</u>		<u>\$25,230,966 (1)</u>		<u>\$25,230,966 (1)</u>	

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 Transformer Ownership 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



