

As a result of the interrogatory process, there were a few items that required correction and updating of the revenue requirement and associated rates. These are summarized below in the response to Technical Conference Question #4. The resulting proposed rates are located in Section V, Tab 2. The bill impacts (App. 2-W) are located in Section V, Tab 3. The updated Revenue Requirement Workforms are located in Section VI, Tab 25.

4. B-EP-3: Provide updated Revenue Requirement and associated schedules reflecting corrections noted in interrogatory responses.

Response:

In the responding to the interrogatories, PowerStream discovered a number of items that needed to be corrected or adjusted:

Affecting Revenue Requirement:

- The cost of the new CIS system going into service in 2015 was understated by \$3,206,000 (B-CCC-15)
- The estimated accumulated depreciation on dispositions was overstated (G-EP-13)
- Taxes:
 - Update for changes affecting target net income
 - Correct CEC additions for 2017 to 2020 (J-EP-42)
 - CCA additions for additional CIS cost and correct adjustments re RCGRP (J-EP-43)
 - Correct additions to taxable income for depreciation to gross amount before re-allocation to OM&A (J-EP-42).

Affecting Cost Allocation:

- Remove suite metered customers from Residential Secondary customer base (L-VECC-37)
- Corrections to suite meter capital costs and meter reads (L-VECC-35).

Undertaking TCQ # 33, regarding cost allocation input sheets, I7.1 Meter Capital and I7.2 Meter Readings, questioning why the are suite meters reads for GS>50 kW customers on I7.2 but no Suite meters on I7.1. This was a misunderstanding on our part and these reads have been moved from suite meter reads to the normal manual reads.

1 Affecting Deferral and Variance Account Rate Riders:

- 2 • The only The ICM true-up amount was overstated (G-EP-15)
- 3 • Recalculate 2015 interest for Q2 to Q4 at the OEB prescribed rate for Q2 of 2015.

4 The impacts of the changes on Revenue Requirement, Bill Impacts, Rate Base, Cost Allocation

5 and Deferral and Variance Account rate riders are discussed in the respective sections below.

6 **Revenue Requirement:**

7 The impact on revenue requirement resulting from these changes is summarized in Table 1

8 below along with explanations regarding the changes.

9

10 **Table 1: Change in Revenue Requirement – April 24, 2015 Update**

April 24/15 Revised	2016	2017	2018	2019	2020	
Return on Rate base	\$64,833	\$70,324	\$75,613	\$80,095	\$84,435	
OM&A	\$96,216	\$98,112	\$99,920	\$102,195	\$104,193	
Depreciation	\$47,224	\$51,161	\$53,848	\$56,706	\$59,844	
Income Taxes	(\$3,760)	\$4,183	\$5,196	\$6,312	\$6,566	
Revenue Offsets	(\$12,591)	(\$12,718)	(\$12,817)	(\$12,939)	(\$13,069)	
Base Revenue Requirement	\$191,922	\$211,062	\$221,760	\$232,369	\$241,969	
Feb 24/15 Proposal	2016	2017	2018	2019	2020	
Return on Rate base	\$64,667	\$70,181	\$75,497	\$80,005	\$84,371	
OM&A	\$96,216	\$98,112	\$99,920	\$102,195	\$104,193	
Depreciation	\$46,903	\$50,841	\$53,527	\$56,386	\$59,524	
Income Taxes	(\$3,749)	\$3,588	\$4,560	\$5,600	\$5,850	
Revenue Offsets	(\$12,591)	(\$12,718)	(\$12,817)	(\$12,939)	(\$13,069)	
Base Revenue Requirement	\$191,447	\$210,004	\$220,687	\$231,247	\$240,868	
Increase (Decrease)	2016	2017	2018	2019	2020	Notes
Return on Rate base	\$166	\$143	\$117	\$90	\$64	1
OM&A	\$0	\$0	\$0	\$0	\$0	2
Depreciation	\$321	\$321	\$321	\$321	\$321	3
Income Taxes	(\$11)	\$595	\$636	\$712	\$716	4
Revenue Offsets	\$0	\$0	\$0	\$0	\$0	5
Base Revenue Requirement	\$475	\$1,059	\$1,073	\$1,122	\$1,101	

Notes:

1. The return on rate base is a function of the change in rate base which is discussed in the Rate Base section below.
2. No change in OM&A
3. Increase in depreciation represents the annual depreciation on the additional CIS cost of \$3,206,000.
4. Increase in income taxes is due mainly to the correction regarding the amount of depreciation to be added back in arriving at taxable income. The correct amount to be added back is the gross depreciation including the allocation to OM&A, which ranges from \$2.4 million in 2016 to \$2.9 million in 2020. This increases taxable income by the amount of depreciation allocated to OM&A. The updated Tax model is provided electronically as TCQ-4 Appendix A.
5. No change in Revenue Offsets.

Bill Impacts:

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

Appendix 2-W is provided electronically as TCQ-4 Appendix B. Summaries of the total and distribution impacts for each rate class, for each service region, are provided in Tables 2 through 5 below. They exclude HST and the Ontario Clean Energy benefit (OCEB).

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

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Total bill				
				2016	2017	2018	2019	2020
Residential	kWh	800		4.0%	2.4%	1.2%	0.6%	1.1%
GS<50 kW	kWh	2,000		3.8%	1.8%	1.1%	0.8%	0.9%
GS>50 kW	kW	80,000	250	3.5%	1.2%	(0.3%)	0.7%	0.6%
Large Use	kW	2,800,000	7,350	2.3%	1.0%	0.6%	0.6%	0.5%
Unmetered Scattered Load	kWh	150		5.8%	3.0%	1.2%	1.3%	1.0%
Sentinel Lights	kW	180		7.6%	4.2%	0.6%	1.7%	1.4%
Street Lighting	kW	280		5.4%	4.6%	3.3%	1.7%	1.6%
Average				4.6%	2.6%	1.1%	1.0%	1.0%

Table 3: Summary of Monthly Bill Impacts for a Typical Customer – Distribution Portion (York Region)

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Distribution Component				
				2016	2017	2018	2019	2020
Residential	kWh	800		17.4%	8.9%	3.9%	1.8%	3.4%
GS<50 kW	kWh	2,000		17.5%	7.2%	3.5%	2.6%	2.8%
GS>50 kW	kW	80,000	250	30.8%	7.6%	(3.1%)	3.6%	2.9%
Large Use	kW	2,800,000	7,350	29.6%	9.3%	4.1%	3.9%	3.0%
Unmetered Scattered Load	kWh	150		16.3%	7.9%	3.1%	3.2%	2.3%
Sentinel Lights	kW	180		21.7%	10.4%	1.1%	3.7%	3.1%
Street Lighting	kW	280		20.6%	13.5%	5.4%	5.4%	4.8%
Average				22.0%	9.3%	2.6%	3.4%	3.2%

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

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Total bill				
				2016	2017	2018	2019	2020
Residential	kWh	800		3.9%	2.4%	1.2%	0.6%	1.1%
GS<50 kW	kWh	2,000		3.5%	1.8%	1.1%	0.8%	0.9%
GS>50 kW	kW	80,000	250	3.5%	1.2%	(0.3%)	0.7%	0.6%
Large Use	kW	2,800,000	7,350	2.3%	1.0%	0.6%	0.6%	0.5%
Unmetered Scattered Load	kWh	150		5.8%	3.0%	1.2%	1.3%	1.0%
Sentinel Lights	kW	180						
Street Lighting	kW	280		5.4%	4.6%	3.3%	1.7%	1.6%
Average				4.1%	2.3%	1.2%	0.9%	0.9%

Table 5: Summary of Monthly Bill Impacts for a Typical Customer – Distribution Portion (Barrie)

Customer Class	Billing Determinant	Consumption per Customer (kWh)	Load per Customer (kW)	Distribution Component				
				2016	2017	2018	2019	2020
Residential	kWh	800		16.7%	8.9%	3.9%	1.8%	3.4%
GS<50 kW	kWh	2,000		16.0%	7.2%	3.5%	2.6%	2.8%
GS>50 kW	kW	80,000	250	30.5%	7.6%	(3.1%)	3.6%	2.9%
Large Use	kW	2,800,000	7,350	29.6%	9.3%	4.1%	3.9%	3.0%
Unmetered Scattered Load	kWh	150		16.3%	7.9%	3.1%	3.2%	2.3%
Sentinel Lights	kW	180						
Street Lighting	kW	280		20.6%	13.5%	5.4%	5.4%	4.8%
Average				21.6%	9.1%	2.8%	3.4%	3.2%

PowerStream's updated proposed 2016 Tariffs of Rates and Charges is provided electronically as TCQ-4 Appendix C. Tables 6 to 9 below provide a summary of the Current and Proposed distribution rates and other rates for 2016-2020.

Table 6: Current and Proposed Distribution Rates

Filed May 22, 2015

Customer Class	Billing Determinant	Proposed Rates											
		Current 2015 Rates		2016		2017		2018		2019		2020	
		Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable
Residential	kWh	\$12.67	\$0.0140	\$14.62	\$0.0170	\$15.78	\$0.0189	\$16.27	\$0.0201	\$16.74	\$0.0213	\$17.11	\$0.0224
GS<50 kW	kWh	\$26.08	\$0.0139	\$30.09	\$0.0167	\$32.71	\$0.0183	\$33.48	\$0.0194	\$33.58	\$0.0208	\$33.73	\$0.0219
GS>50 kW	kW	\$138.48	\$3.3278	\$138.48	\$4.0220	\$138.48	\$4.4497	\$138.48	\$4.6761	\$138.48	\$4.8998	\$138.48	\$5.0969
Large Use	kW	\$5,966.29	\$1.4159	\$5,966.29	\$2.1550	\$5,966.29	\$2.5095	\$5,966.29	\$2.7130	\$5,966.29	\$2.8987	\$5,966.29	\$3.0595
Unmetered Scattered	kWh	\$7.01	\$0.0159	\$8.09	\$0.0193	\$8.70	\$0.0214	\$8.91	\$0.0228	\$9.08	\$0.0243	\$9.16	\$0.0258
Sentinel Lights	kW	\$3.41	\$8.0172	\$3.93	\$9.7254	\$4.36	\$10.4768	\$4.58	\$10.8774	\$4.80	\$11.2562	\$4.99	\$11.5900
Street Lighting	kW	\$1.26	\$6.6546	\$1.45	\$8.1382	\$1.57	\$9.0858	\$1.62	\$9.8029	\$1.67	\$10.4188	\$1.71	\$11.0145

Table 7: Current and Proposed Low Voltage Rates

Customer Class	Billing Determinant	Current		Proposed			
		2015	2016	2017	2018	2019	2020
Residential	kWh	\$0.0003	\$0.0006	\$0.0006	\$0.0007	\$0.0007	\$0.0007
GS<50 kW	kWh	\$0.0003	\$0.0005	\$0.0005	\$0.0006	\$0.0006	\$0.0006
GS>50 kW	kW	\$0.1189	\$0.1989	\$0.2092	\$0.2192	\$0.2299	\$0.2299
Large Use	kW	\$0.1437	\$0.2040	\$0.2146	\$0.2249	\$0.2358	\$0.2358
Unmetered Scattered Load	kWh	\$0.0003	\$0.0006	\$0.0006	\$0.0006	\$0.0007	\$0.0007
Sentinel Lights	kW	\$0.1031	\$0.1464	\$0.1539	\$0.1613	\$0.1692	\$0.1692
Street Lighting	kW	\$0.0917	\$0.1612	\$0.1695	\$0.1777	\$0.1863	\$0.1864

Table 8: Proposed Rate Riders

Customer Class	Billing Determinant	DVA Disposition	Global Adjustment Disposition	LRAMVA (2013 Balance)	Stranded Meter Assets	Account 1575
		Recovery Period 2 YEARS	Recovery Period 2 YEARS	Recovery Period 1 YEAR	Recovery Period 1 YEAR	Recovery Period 1 YEAR
Residential	kWh	\$0.0002	\$0.0011	(\$0.0001)	\$0.0001	(\$0.0005)
GS<50 kW	kWh	\$0.0002	\$0.0011	\$0.0001	\$0.0002	(\$0.0003)
GS>50 kW	kW	\$0.0309	\$0.4161	(\$0.0126)		(\$0.0564)
Large Use	kW	\$0.0148		\$0.0000		\$0.0000
Unmetered Scattered	kWh	\$0.0002	\$0.0011	(\$0.0002)		(\$0.0005)
Sentinel Lights	kW	\$0.0231	\$0.4308	(\$0.1662)		(\$0.2470)
Street Lighting	kW	(\$0.2075)	\$0.3973	(\$0.1296)		(\$0.2306)

Table 9: Current and Proposed RTS rates

Customer Class	Billing Determinant	Proposed Rates											
		Current 2015 Rates		2016		2017		2018		2019		2020	
		TN	TC	TN	TC	TN	TC	TN	TC	TN	TC	TN	TC
Residential	kWh	\$ 0.0080	\$ 0.0035	\$ 0.0080	\$ 0.0037	\$ 0.0081	\$ 0.0038	\$ 0.0083	\$ 0.0038	\$ 0.0084	\$ 0.0039	\$ 0.0086	\$ 0.0040
General Service < 50 kW	kWh	\$ 0.0072	\$ 0.0030	\$ 0.0072	\$ 0.0032	\$ 0.0073	\$ 0.0032	\$ 0.0075	\$ 0.0033	\$ 0.0076	\$ 0.0034	\$ 0.0077	\$ 0.0035
General Service > 50 kW	kW	\$ 2.9192	\$ 1.1726	\$ 2.8960	\$ 1.2343	\$ 2.9367	\$ 1.2538	\$ 2.9823	\$ 1.2758	\$ 3.0321	\$ 1.2998	\$ 3.0802	\$ 1.3234
General Service > 50 kW Interval	kW	\$ 3.0601	\$ 1.2687	\$ 3.0358	\$ 1.3354	\$ 3.0784	\$ 1.3566	\$ 3.1263	\$ 1.3803	\$ 3.1785	\$ 1.4064	\$ 3.2289	\$ 1.4319
Large Use	kW	\$ 3.4638	\$ 1.2027	\$ 3.4798	\$ 1.2820	\$ 3.5558	\$ 1.3123	\$ 3.6338	\$ 1.3437	\$ 3.7114	\$ 1.3753	\$ 3.7928	\$ 1.4086
Unmetered Scattered Load	kWh	\$ 0.0072	\$ 0.0034	\$ 0.0070	\$ 0.0035	\$ 0.0069	\$ 0.0035	\$ 0.0068	\$ 0.0034	\$ 0.0067	\$ 0.0034	\$ 0.0067	\$ 0.0034
Sentinel Lighting	kW	\$ 2.2561	\$ 0.8629	\$ 2.2538	\$ 0.9146	\$ 2.2870	\$ 0.9297	\$ 2.3200	\$ 0.9450	\$ 2.3520	\$ 0.9600	\$ 2.3857	\$ 0.9760
Street Lighting	kW	\$ 2.2203	\$ 0.9503	\$ 2.5104	\$ 1.1400	\$ 2.9365	\$ 1.3359	\$ 3.5555	\$ 1.6206	\$ 3.6409	\$ 1.6631	\$ 3.7471	\$ 1.7154

Appendix 2-V Revenue Validation is provided electronically as TCQ-4 Appendix D.

Rate Base:

Table 10 below summarizes the change in rate base.

Table 10: Change in Rate Base – April 24, 2015 Update

April 24/15 Revised	2016	2017	2018	2019	2020
Average Net Fixed Assets	\$920,437	\$998,801	\$1,076,767	\$1,146,727	\$1,215,176
Working Capital Allowance	\$155,926	\$157,219	\$163,628	\$167,216	\$169,953
Rate Base	\$1,076,363	\$1,156,020	\$1,240,394	\$1,313,943	\$1,385,129
Feb 24/15 Proposal	2016	2017	2018	2019	2020
Average Net Fixed Assets	\$917,689	\$996,456	\$1,074,873	\$1,145,246	\$1,214,127
Working Capital Allowance	\$155,926	\$157,219	\$163,628	\$167,216	\$169,953
Rate Base	\$1,073,615	\$1,153,675	\$1,238,501	\$1,312,462	\$1,384,080
Increase (Decrease)	2016	2017	2018	2019	2020
Average Net Fixed Assets	\$2,748	\$2,345	\$1,893	\$1,481	\$1,049
Working Capital Allowance	\$0	\$0	\$0	\$0	\$0
Rate Base	\$2,748	\$2,345	\$1,893	\$1,481	\$1,049

The increase in rate base is from the change in average net fixed assets (NFA). There was no change in working capital or working capital allowance. Updated Fixed Asset Continuity Schedules (Chapter 2 APP. 2-BA) are provided as TCQ-4 Appendix E.

The increase in NFA is mainly attributable to the increase of \$3,206,000 in additions in 2015 regarding the new CIS. After a half year depreciation in 2015 of \$160,300 and annual depreciation of \$320,600 in 2016, this adds \$2,885,400 to average NFA in 2016 with the addition to subsequent years decreasing by \$320,600 each year. This has been offset in part by the increase in the net book value of dispositions as discussed in the response to G-EP-13.

Cost Allocation (CA):

The Board 3.2 CA Models have been used to determine the proportion of PowerStream's total revenue requirement that is recoverable from each rate class in each year.

The 2016 – 2020 CA models are provided electronically as TCQ-4 Appendix F.

The Status Quo class revenue-to-cost ratios as determined in the cost allocation models are shown in Table 11 below.

Table 11: Revenue-to-Cost Ratios (Status Quo)

"STATUS QUO"							
	2013 BA	2016	2017	2018	2019	2020	Policy Allowed Range
Residential	102.1%	102.6%	103.9%	104.9%	105.7%	106.4%	85 - 115
GS Less Than 50 kW	98.0%	99.6%	100.4%	100.6%	100.8%	100.8%	80 - 120
GS 50 to 4,999 kW	98.0%	96.5%	94.1%	92.5%	91.3%	90.3%	80 - 120
Large Use	85.0%	71.3%	68.5%	67.0%	66.0%	65.2%	85 - 115
Unmetered Scattered Load	102.4%	91.3%	94.9%	96.3%	97.2%	98.1%	80 - 120
Sentinel Lighting	95.0%	84.6%	83.6%	83.4%	83.2%	83.1%	80 - 120
Street Lighting	89.7%	88.1%	85.0%	82.3%	81.6%	80.9%	70 - 120

A revenue allocation adjustment was required for the Large Use customer class, to increase the revenues and bring the revenue-to-cost ratios within the Policy Allowed Range. PowerStream proposes that the revenue-to-cost ratio be increased to the bottom of the Policy Allowed Range. The resulting additional revenue from the Large Use class in 2016-2020 is in a range of \$63,000- \$120,000. Since the Residential customer class has the highest revenue-to-cost ratio, the additional revenue has been credited to this customer to move its revenue-to-cost ratio closer to 1.00. Table 12 below provides the proposed Revenue-to-Cost ratios.

Table 12: Appendix 2P (D) – Proposed Revenue-to-Cost Ratios

Class	Proposed Revenue-to-Cost Ratios					Policy Allowed Range
	2016	2017	2018	2019	2020	
Residential	102.5%	103.8%	104.8%	105.6%	106.3%	85 - 115
GS < 50 kW	99.6%	100.4%	100.6%	100.8%	100.8%	80 - 120
GS > 50 kW	96.5%	94.1%	92.5%	91.3%	90.3%	80 - 120
Large User	85.0%	85.0%	85.0%	85.0%	85.0%	85 - 115
Unmetered Scattered Load (USL)	91.3%	94.9%	96.3%	97.2%	98.1%	80 - 120
Sentinel Lighting	84.6%	83.6%	83.4%	83.2%	83.1%	80 - 120
Street Lighting	88.1%	85.0%	82.3%	81.6%	80.9%	70 - 120

Tables 13 through 17 provide details on the revenue allocation to rate classes for 2016 through 2020.

Table 13: Appendix 2P (B) – Allocated Class Revenues - 2016

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	\$ 88,037,077	\$ 104,012,502	\$ 103,949,352	\$ 7,527,078
GS < 50 kW	\$ 24,606,848	\$ 29,072,068	\$ 29,072,068	\$ 1,867,749
GS > 50 kW	\$ 46,721,959	\$ 55,200,240	\$ 55,200,240	\$ 2,910,817
Large User	\$ 266,234	\$ 314,546	\$ 377,696	\$ 14,413
Street Lighting	\$ 2,320,226	\$ 2,741,259	\$ 2,741,259	\$ 209,717
Sentinel Lighting	\$ 16,350	\$ 19,316	\$ 19,316	\$ 1,592
Unmetered Scattered Load (USL)	\$ 475,661	\$ 561,975	\$ 561,975	\$ 59,237
Total	\$ 162,444,354	\$ 191,921,907	\$ 191,921,907	\$ 12,590,603

Table 14: Appendix 2P (B) – Allocated Class Revenues - 2017

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	\$ 88,807,634	\$ 114,750,689	\$ 114,664,499	\$ 7,590,447
GS < 50 kW	\$ 24,646,566	\$ 31,846,479	\$ 31,846,479	\$ 1,865,737
GS > 50 kW	\$ 46,908,541	\$ 60,611,765	\$ 60,611,765	\$ 2,976,590
Large User	\$ 265,314	\$ 342,819	\$ 429,009	\$ 14,937
Street Lighting	\$ 2,213,358	\$ 2,859,938	\$ 2,859,938	\$ 209,866
Sentinel Lighting	\$ 16,286	\$ 21,043	\$ 21,043	\$ 1,590
Unmetered Scattered Load (USL)	\$ 487,250	\$ 629,589	\$ 629,589	\$ 59,146
Total	\$ 163,344,950	\$ 211,062,322	\$ 211,062,322	\$ 12,718,312

Table 15: Appendix 2P (B) – Allocated Class Revenues - 2018

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	\$ 89,692,812	\$ 121,054,694	\$ 120,954,444	\$ 7,638,780
GS < 50 kW	\$ 24,692,287	\$ 33,326,163	\$ 33,326,163	\$ 1,871,678
GS > 50 kW	\$ 47,043,329	\$ 63,492,444	\$ 63,492,444	\$ 3,019,116
Large User	\$ 264,402	\$ 356,853	\$ 457,103	\$ 15,267
Street Lighting	\$ 2,099,230	\$ 2,833,244	\$ 2,833,244	\$ 210,116
Sentinel Lighting	\$ 16,285	\$ 21,979	\$ 21,979	\$ 1,594
Unmetered Scattered Load (USL)	\$ 499,851	\$ 674,628	\$ 674,628	\$ 60,131
Total	\$ 164,308,195	\$ 221,760,005	\$ 221,760,005	\$ 12,816,681

Table 16: Appendix 2P (B) – Allocated Class Revenues - 2019

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	\$ 90,524,165	\$ 127,266,638	\$ 127,154,938	\$ 7,703,798
GS < 50 kW	\$ 24,736,122	\$ 34,776,163	\$ 34,776,163	\$ 1,879,928
GS > 50 kW	\$ 47,112,553	\$ 66,234,869	\$ 66,234,869	\$ 3,062,935
Large User	\$ 263,499	\$ 370,449	\$ 482,149	\$ 15,519
Street Lighting	\$ 2,116,796	\$ 2,975,973	\$ 2,975,973	\$ 213,785
Sentinel Lighting	\$ 16,284	\$ 22,894	\$ 22,894	\$ 1,594
Unmetered Scattered Load (USL)	\$ 513,592	\$ 722,052	\$ 722,052	\$ 61,393
Total	\$ 165,283,011	\$ 232,369,037	\$ 232,369,037	\$ 12,938,953

Table 17: Appendix 2P (B) – Allocated Class Revenues - 2020

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	\$ 91,320,209	\$ 132,857,309	\$ 132,736,209	\$ 7,772,989
GS < 50 kW	\$ 24,817,227	\$ 36,105,371	\$ 36,105,371	\$ 1,891,564
GS > 50 kW	\$ 47,242,131	\$ 68,730,268	\$ 68,730,268	\$ 3,106,853
Large User	\$ 262,603	\$ 382,049	\$ 503,149	\$ 15,739
Street Lighting	\$ 2,131,874	\$ 3,101,559	\$ 3,101,559	\$ 217,463
Sentinel Lighting	\$ 16,284	\$ 23,691	\$ 23,691	\$ 1,595
Unmetered Scattered Load (USL)	\$ 528,571	\$ 768,992	\$ 768,992	\$ 62,882
Total	\$ 166,318,900	\$ 241,969,238	\$ 241,969,238	\$ 13,069,086

Deferral and Variance Account (DVA) Rate Riders:

The DVA continuity schedule has been updated as follows:

- Replace ICM true-up amount with updated amount as per the response to interrogatory G-EP-15.
- Forecast interest for 2015 has been revised using the OEB prescribed rate of 1.10% (Q2-2015) for the period April 1, 2015 to December 31, 2015.

The updated EDDVAR model is provided electronically as TCQ-4 Appendix G.

The result is a reduction in the DVA claim amount as summarized in Table 18 below.

Table 18: DVA Claim Summary- Updated and Change (\$000)

Description	Apr 24/15	Feb 24/15	Change
Group 1 and 2 excluding certain accounts ¹	\$ 2,236.2	\$ 2,556.6	-\$ 320.4

Account 1589 Global Adjustment	\$ 10,386.0	\$10,422.1	-\$ 36.1
Account 1575 IFRS PP&E Amount	-\$ 2,392.7	(\$2,392.7)	\$ -
Account 1568 LRAMVA	-\$ 504.3	(\$504.3)	\$ -
Account 1555 Stranded Meters residual	\$ 599.1	\$599.1	\$ -
Total for disposition	\$10,324.3	\$10,680.8	(\$356.5)
Notes:			
1. Excluding accounts, 1555, 1568, 1575 and 1589			

1

2 The updated rate riders for the amounts that have changed are shown in the tables below.

3 **Table 19: Updated Group 1 and 2 Rate Riders (excluding Global Adjustment)**

Group 1 and 2 excluding certain accounts ¹		years			2
Rate Class	Units	Quantity	Allocated Amount	Rate Rider	
RESIDENTIAL	kWh	2,750,618,680	\$1,148,872	\$0.0002	
GENERAL SERVICE LESS THAN 50 KW	kWh	1,040,222,607	\$384,850	\$0.0002	
GENERAL SERVICE 50 TO 4,999 KW	kW	12,212,781	\$754,670	\$0.0309	
LARGE USER	kW	150,807	\$4,461	\$0.0148	
UNMETERED SCATTERED LOAD	kWh	14,169,725	\$4,817	\$0.0002	
SENTINEL LIGHTING	kW	975	\$45	\$0.0231	
STREET LIGHTING	kW	148,205	(\$61,502)	(\$0.2075)	
Total			\$2,236,214		

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Table 20: Global Adjustment Rate Riders

Account 1589 Global Adjustment	years				2
Rate Class	Units	Quantity	Allocated Amount	Rate Rider	
RESIDENTIAL	kWh	159,139,043	\$ 353,579	\$0.0011	
GENERAL SERVICE LESS THAN 50 KW	kWh	170,983,976	\$ 379,897	\$0.0011	
GENERAL SERVICE 50 TO 4,999 KW	kW	11,434,409	\$ 9,515,092	\$0.4161	
LARGE USER	kW	-	\$ -		
UNMETERED SCATTERED LOAD	kWh	274,430	\$ 610	\$0.0011	
SENTINEL LIGHTING	kW	119	\$ 103	\$0.4308	
STREET LIGHTING	kW	172,101	\$ 136,764	\$0.3973	
Total			\$ 10,386,044		

2

Appendix B-2-1

TO RATE ORDER

PowerStream Inc.

Proposed 2016 Electricity Distribution Rates

EB-2015-0103

January 1, 2016

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2016

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

EB-2015-0103

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	14.62
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	0.0170
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kWh	(0.0001)
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until December 31, 2016	\$/kWh	0.0001
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kWh	(0.0005)

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.09
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	0.0167
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kWh	0.0001
Rate Rider for Recovery of Stranded Meter Assets (2016) - effective until December 31, 2016	\$/kWh	0.0002
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kWh	(0.0003)

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW, both regular and interval metered. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	138.48
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	6.99
Distribution Volumetric Rate	\$/kW	4.0220
Low Voltage Service Rate	\$/kW	0.1989
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kW	0.4161
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0309
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.0126)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.0564)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.8960
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2343
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.0358
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.3354

MONTHLY RATES AND CHARGES - Regulatory Component

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

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,966.29
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	104.59
Distribution Volumetric Rate	\$/kW	2.1550
Low Voltage Service Rate	\$/kW	0.2040
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0148
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.0353)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.0311)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.47980
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.28200

MONTHLY RATES AND CHARGES - Regulatory Component

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

STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

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

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	8.09
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.0193
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account		
(2013 balance) - effective until December 31, 2016	\$/kWh	(0.0002)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kWh	(0.0005)

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	3.93
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.09
Distribution Volumetric Rate	\$/kW	9.7254
Low Voltage Service Rate	\$/kW	0.1464
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kW	0.4308
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0231
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.1662)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.2470)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.2538
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9146

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.45
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.02
Distribution Volumetric Rate	\$/kW	8.1382
Low Voltage Service Rate	\$/kW	0.1612
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.3373
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	(0.2075)
Rate Rider for Recovery of Lost Revenue Adjustment Mechanism Variance Account (2013 balance) - effective until December 31, 2016	\$/kW	(0.1296)
Rate Rider for Recovery of Account 1575 - effective until December 31, 2016	\$/kW	(0.2306)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.5104
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1400

MONTHLY RATES AND CHARGES - Regulatory Component

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

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

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

PowerStream Inc.

Proposed 2017 Electricity Distribution Rates

EB-2015-0103

January 1, 2017

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2015-0103

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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	\$	15.78
Rate Rider for Recovery of CGAAP/CWIP Differential - effective until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0189
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0081
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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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	\$	32.71
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0183
Low Voltage Service Rate	\$/kWh	0.0005
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0073
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0032

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW, both regular and interval metered. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	138.48
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	4.4497
Low Voltage Service Rate	\$/kW	0.2092
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.4161
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0309

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.9367
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2538
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.0784
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.3566

MONTHLY RATES AND CHARGES - Regulatory Component

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

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,966.29
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	2.5095
Low Voltage Service Rate	\$/kW	0.2146
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0148

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.55580
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.31230

MONTHLY RATES AND CHARGES - Regulatory Component

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

STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES – Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

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

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	8.70
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kWh	0.0214
Low Voltage Service Rate	\$/kWh	0.0006
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kWh	0.0002

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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)	\$	4.36
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	10.4768
Low Voltage Service Rate	\$/kW	0.1539
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017		
Applicable only for Non-RPP Customers	\$/kW	0.4308
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	0.0231

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.2870
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9297

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.57
Rate Rider for Recovery of CGAAP/CWIP Differential - in effect until December 31, 2016	\$	0.00
Distribution Volumetric Rate	\$/kW	9.0858
Low Voltage Service Rate	\$/kW	0.1695
Rate Rider for Disposition of Global Adjustment Sub-Account (2016) - effective until December 31, 2017 Applicable only for Non-RPP Customers	\$/kW	0.3373
Rate Rider for Disposition of Deferral/Variance Account (2016) - effective until December 31, 2017	\$/kW	(0.2075)

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.9365
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3359

MONTHLY RATES AND CHARGES - Regulatory Component

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

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

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

PowerStream Inc.

Proposed 2018 Electricity Distribution Rates

EB-2015-0103

January 1, 2018

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

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

EB-2015-0103

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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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	\$	16.27
Distribution Volumetric Rate	\$/kWh	0.0201
Low Voltage Service Rate	\$/kWh	0.0007

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0083
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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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	\$	33.48
Distribution Volumetric Rate	\$/kWh	0.0194
Low Voltage Service Rate	\$/kWh	0.0006

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0075
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW, both regular and interval metered. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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	4.6761
Low Voltage Service Rate	\$/kW	0.2192

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.9823
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2758
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.1263
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.3803

MONTHLY RATES AND CHARGES - Regulatory Component

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

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,966.29
Distribution Volumetric Rate	\$/kW	2.7130
Low Voltage Service Rate	\$/kW	0.2249

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.63380
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.34370

MONTHLY RATES AND CHARGES - Regulatory Component

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

STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

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

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	8.91
Distribution Volumetric Rate	\$/kWh	0.0228
Low Voltage Service Rate	\$/kWh	0.0006

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0034

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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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)	\$	4.58
Distribution Volumetric Rate	\$/kW	10.8774
Low Voltage Service Rate	\$/kW	0.1613

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.3200
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9450

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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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)	\$	1.62
Distribution Volumetric Rate	\$/kW	9.8029
Low Voltage Service Rate	\$/kW	0.1777

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.5555
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6206

MONTHLY RATES AND CHARGES - Regulatory Component

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

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

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

PowerStream Inc.

Proposed 2019 Electricity Distribution Rates

EB-2015-0103

January 1, 2019

PowerStream Inc.

Proposed 2020 Electricity Distribution Rates

EB-2015-0103

January 1, 2020

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2020

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

EB-2015-0103

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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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	\$	17.11
Distribution Volumetric Rate	\$/kWh	0.0224
Low Voltage Service Rate	\$/kWh	0.0007

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0086
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0040

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	33.73
Distribution Volumetric Rate	\$/kWh	0.0219
Low Voltage Service Rate	\$/kWh	0.0006

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW, both regular and interval metered. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	138.48
Distribution Volumetric Rate	\$/kW	5.0969
Low Voltage Service Rate	\$/kW	0.2299

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.0802
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3234
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.2289
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.4319

MONTHLY RATES AND CHARGES - Regulatory Component

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

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,966.29
Distribution Volumetric Rate	\$/kW	3.0595
Low Voltage Service Rate	\$/kW	0.2358

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.79280
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.40860

MONTHLY RATES AND CHARGES - Regulatory Component

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

STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

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

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.16
Distribution Volumetric Rate	\$/kWh	0.0258
Low Voltage Service Rate	\$/kWh	0.0007

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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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)	\$	4.99
Distribution Volumetric Rate	\$/kW	11.5900
Low Voltage Service Rate	\$/kW	0.1692

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.3857
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9760

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.71
Distribution Volumetric Rate	\$/kW	11.0145
Low Voltage Service Rate	\$/kW	0.1864

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.7471
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.7154

MONTHLY RATES AND CHARGES - Regulatory Component

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

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

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Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

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

PowerStream Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2019

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

EB-2015-0103

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Multi-unit residential establishments such as apartment buildings supplied through one service (bulk metered) shall be classified as general service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	16.74
Distribution Volumetric Rate	\$/kWh	0.0213
Low Voltage Service Rate	\$/kWh	0.0007

RESIDENTIAL SERVICE CLASSIFICATION

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kWh	0.0084
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0039

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non residential account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	33.58
Distribution Volumetric Rate	\$/kWh	0.0208
Low Voltage Service Rate	\$/kWh	0.0006

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non residential account whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW, both regular and interval metered. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	138.48
Distribution Volumetric Rate	\$/kW	4.8998
Low Voltage Service Rate	\$/kW	0.2299

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.0321
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2998
Retail Transmission Rate - Network Service Rate - Interval-Metered	\$/kW	3.1785
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval-Metered	\$/kW	1.4064

MONTHLY RATES AND CHARGES - Regulatory Component

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

LARGE USE SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5,966.29
Distribution Volumetric Rate	\$/kW	2.8987
Low Voltage Service Rate	\$/kW	0.2358

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.71140
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.37530

MONTHLY RATES AND CHARGES - Regulatory Component

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

STANDBY POWER SERVICE CLASSIFICATION

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

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

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

This classification refers to an account taking electricity at 750 volts or less whose average monthly peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	9.08
Distribution Volumetric Rate	\$/kWh	0.0243
Low Voltage Service Rate	\$/kWh	0.0007

MONTHLY RATES AND CHARGES - Delivery Component

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

MONTHLY RATES AND CHARGES - Regulatory Component

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

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.80
Distribution Volumetric Rate	\$/kW	11.2562
Low Voltage Service Rate	\$/kW	0.1692

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	2.3520
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.9600

MONTHLY RATES AND CHARGES - Regulatory Component

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

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting operation, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.67
Distribution Volumetric Rate	\$/kW	10.4188
Low Voltage Service Rate	\$/kW	0.1863

MONTHLY RATES AND CHARGES - Delivery Component

Retail Transmission Rate - Network Service Rate	\$/kW	3.6409
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.6631

MONTHLY RATES AND CHARGES - Regulatory Component

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

MICROFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses – applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule

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Customer Administration

Arrears certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement Letter	\$	15.00
Income Tax Letter	\$	15.00
Account History	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment – per month	%	1.50
Late Payment – per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours (for non-payment)	\$	65.00
Disconnect/Reconnect at meter - after regular hours (for non-payment)	\$	185.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device – after regular hours	\$	185.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at meter – after regular hours	\$	185.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	22.35
Temporary Service – Install & remove – overhead – no transformer	\$	500.00

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Board, and amendments thereto as approved by the Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

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

Summary of Bill Impacts

A Distribution Charge

Customer Class	Billing Determinant	Consumption per customer	Load per customer	TEST YEAR 1 - 2016		TEST YEAR 2 - 2017		TEST YEAR 3 - 2018		TEST YEAR 4 - 2019		TEST YEAR 5 - 2020	
				Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	800	-	\$ 4.78	17.4%	\$ 2.88	8.9%	\$ 1.37	3.9%	\$ 0.64	1.8%	\$ 1.25	3.4%
GS<50 kW	kWh	2,000	-	\$ 10.93	17.5%	\$ 5.27	7.2%	\$ 2.77	3.5%	\$ 2.10	2.6%	\$ 2.36	2.8%
GS>50 kW	kW	80,000	250	\$ 371.07	30.8%	\$ 119.76	7.6%	\$ (52.65)	(3.1%)	\$ 58.60	3.6%	\$ 49.27	2.9%
Large Use	kW	2,800,000	7,350	\$ 7,500.30	29.6%	\$ 3,066.94	9.3%	\$ 1,462.65	4.1%	\$ 1,445.01	3.9%	\$ 1,181.88	3.0%
Unmetered Scattered Load	kWh	150	-	\$ 1.63	16.3%	\$ 0.92	7.9%	\$ 0.39	3.1%	\$ 0.41	3.2%	\$ 0.31	2.3%
Sentinel Lights	kW	180	1	\$ 2.59	21.7%	\$ 1.51	10.4%	\$ 0.17	1.1%	\$ 0.61	3.7%	\$ 0.52	3.1%
Street Lighting	kW	280	1	\$ 1.80	20.6%	\$ 1.42	13.5%	\$ 0.65	5.4%	\$ 0.67	5.4%	\$ 0.64	4.8%

B Delivery Charge

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%
Residential	kWh	800	-	\$ 4.97	13.4%	\$ 3.05	7.3%	\$ 1.54	3.4%	\$ 0.81	1.7%
GS<50 kW	kWh	2,000	-	\$ 11.39	13.7%	\$ 5.48	5.8%	\$ 3.39	3.4%	\$ 2.52	2.4%
GS>50 kW	kW	80,000	250	\$ 380.70	17.1%	\$ 134.81	5.2%	\$ (35.75)	(1.3%)	\$ 77.05	2.8%
Large Use	kW	2,800,000	7,350	\$ 8,200.75	13.7%	\$ 3,848.24	5.7%	\$ 2,266.74	3.2%	\$ 2,247.63	3.0%
Unmetered Scattered Load	kWh	150	-	\$ 1.62	13.9%	\$ 0.90	6.8%	\$ 0.36	2.5%	\$ 0.39	2.7%
Sentinel Lights	kW	180	1	\$ 2.64	17.5%	\$ 1.56	8.8%	\$ 0.22	1.2%	\$ 0.65	3.3%
Street Lighting	kW	280	1	\$ 2.28	17.5%	\$ 2.04	14.4%	\$ 1.55	9.6%	\$ 0.80	4.5%

C Total Bill

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%
Residential	kWh	800	-	\$ 5.63	4.0%	\$ 3.44	2.4%	\$ 1.74	1.2%	\$ 0.91	0.6%
GS<50 kW	kWh	2,000	-	\$ 12.90	3.8%	\$ 6.19	1.8%	\$ 3.84	1.1%	\$ 2.85	0.8%
GS>50 kW	kW	80,000	250	\$ 431.42	3.5%	\$ 152.34	1.2%	\$ (40.40)	(0.3%)	\$ 87.07	0.7%
Large Use	kW	2,800,000	7,350	\$ 9,310.14	2.3%	\$ 4,348.51	1.0%	\$ 2,561.42	0.6%	\$ 2,539.82	0.6%
Unmetered Scattered Load	kWh	150	-	\$ 1.83	5.8%	\$ 1.02	3.0%	\$ 0.41	1.2%	\$ 0.45	1.3%
Sentinel Lights	kW	180	1	\$ 2.99	7.6%	\$ 1.76	4.2%	\$ 0.25	0.6%	\$ 0.74	1.7%
Street Lighting	kW	280	1	\$ 2.58	5.4%	\$ 2.30	4.6%	\$ 1.75	3.3%	\$ 0.91	1.7%



1380
5520

Appendix 2-W
Bill Impacts - Residential

Customer Class: RESIDENTIAL			
TOU / non-TOU: TOU			
Consumption 800			



Customer Class: GS<50

TOU / non-TOU: ☒ TOU

Consumption	2,000
-------------	-------

Loss Factor (%)

File Number: #REF!
Exhibit:
Tab:
Schedule:
Page:
Date:



Appendix 2-W
Bill Impacts - GS > 50

Customer Class: GS > 50

TOU / non-TOU: TOU
Consumption
Load

80,000
250

	Charge Unit	Volume	2015 Current Board-Approved	
			Rate (\$)	Charge (\$)
Monthly Service Charge	Monthly	1	\$ 138.48	\$ 138.48
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 6.99	\$ 6.99
ICM Rate Rider (2014)	Monthly	1	\$ 0.72	\$ 0.72
	1	\$ -	\$ -	\$ -
	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kW	250	\$ 3.3278	\$ 831.95
Smart Meter Disposition Rider	per kW	250	\$ -	\$ -
LRAM & SSM Rate Rider	per kW	250	\$ -	\$ -
ICM Rate Rider (2014)	per kW	250	\$ 0.0173	\$ 4.33
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kW	250	\$ 0.0134	\$ 3.35
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	250	\$ -	\$ -
Account 1575	per kW	250	\$ -	\$ -
	250	\$ -	\$ -	\$ -
	250	\$ -	\$ -	\$ -
Sub-Total A (excluding pass through)				\$ 985.82
Deferral/Variance Account Disposition Rate Rider (2014)	per kW	250	\$ 0.2207	\$ (55.18)
Disposition of Deferral/Variance Accounts (2016)	per kW	250	\$ -	\$ -
Disposition of Global Adjustment Sub-Account (2014)	per kW	250	\$ 0.0720	\$ (18.00)
Disposition of Global Adjustment Sub-Account (2016)	per kW	250	\$ -	\$ -
	250	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kW	250	\$ 0.1189	\$ 29.73
Line Losses on Cost of Power		2,760.00	\$ 0.0950	\$ 262.20
Smart Meter Entity Charge			\$ -	\$ -
Sub-Total B - Distribution (includes Sub-Total A)				\$ 1,204.57
RTSR - Network	per kW	250	\$ 2.9192	\$ 729.80
RTSR - Line and Transformation Connection	per kW	250	\$ 1.1726	\$ 293.15
Sub-Total C - Delivery (including Sub-Total B)				\$ 2,227.52
Wholesale Market Service Charge (WMSC)	per kWh	82,760	\$ 0.0044	\$ 364.14
Rural and Remote Rate Protection (RRRP)	per kWh	82,760	\$ 0.0013	\$ 107.59
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25
Debt Retirement Charge (DRC)	per kWh	80,000	\$ 0.0070	\$ 560.00
TOU - Off Peak	per kWh	51,200	\$ 0.0770	\$ 3,942.40
TOU - Mid Peak	per kWh	14,400	\$ 0.1140	\$ 1,641.60
TOU - On Peak	per kWh	14,400	\$ 0.1400	\$ 2,016.00
Energy - RPP - Tier 1	per kWh	1,000	\$ 0.0880	\$ 88.00
Energy - RPP - Tier 2	per kWh	79,000	\$ 0.1030	\$ 8,137.00
Total Bill on TOU (before Taxes)				\$ 10,859.50
HST			13%	\$ 1,411.73
Total Bill (including HST)				\$ 12,271.23
Ontario Clean Energy Benefit ¹				\$ -
Total Bill on TOU (including OCEB)				\$ 12,271.23
Total Bill on RPP (before Taxes)				\$ 11,484.50
HST			13%	\$ 1,492.98
Total Bill (including HST)				\$ 12,977.48
Ontario Clean Energy Benefit ¹				\$ -
Total Bill on RPP (including OCEB)				\$ 12,977.48

Loss Factor (%)

3.45%

2016 TEST YEAR 1 Proposed	Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed	Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed	Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed	Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed	Impact 2020 TEST vs. 2019 TEST	
	Rate (\$)	Charge (\$)		\$ Change	% Change		Rate (\$)	Charge (\$)		\$ Change	% Change		Rate (\$)	Charge (\$)
\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -
\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ -
\$ 6.99	\$ 6.99	\$ -	0.0%	\$ 6.99	\$ -	\$ (6.99)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ (0.72)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 4.0220	\$ 1,005.50	\$ 173.55	20.9%	\$ 4.4497	\$ 1,112.43	\$ 106.93	10.6%	\$ 4.6761	\$ 1,169.03	\$ 56.60	5.1%	\$ 4.8998	\$ 1,224.95	\$ 55.93
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ (4.33)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ (3.35)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 0.0126	\$ (3.15)	\$ (3.15)	-	\$ -	\$ -	\$ 3.15	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 0.0564	\$ (14.10)	\$ (14.10)	-	\$ -	\$ -	\$ 14.10	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 1,133.72	\$ 147.91	\$ 15.0%	\$ 1,250.91	\$ 117.19	10.3%	\$ 1,307.51	\$ 56.60	4.5%	\$ 1,363.43	\$ 55.93	4.3%	\$ 1,412.71	\$ 49.27	3.6%
\$ -	\$ -	\$ 55.18	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 0.0309	\$ 7.73	\$ 18.00	-100.0%	\$ 0.0309	\$ 7.73	\$ -	0.0%	\$ -	\$ -	\$ (7.73)	-100.0%	\$ -	\$ -	\$ -
\$ -	\$ -	\$ 104.03	-	\$ -	\$ -	\$ -	0.0%	\$ -	\$ -	\$ (104.03)	-100.0%	\$ -	\$ -	\$ -
\$ 0.4161	\$ 104.03	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 0.1989	\$ 49.73	\$ 20.00	67.3%	\$ 0.2092	\$ 52.30	\$ 2.58	5.2%	\$ 0.2192	\$ 54.80	\$ 2.50	4.8%	\$ 0.2299	\$ 57.48	\$ 2.68
\$ 0.0950	\$ 280.44	\$ 18.24	7.0%	\$ 0.0950	\$ 280.44	\$ -	0.0%	\$ 0.0950	\$ 280.44	\$ -	0.0%	\$ 0.0950	\$ 280.44	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 1,575.64	\$ 371.07	\$ 30.8%	\$ 1,695.40	\$ 119.76	7.6%	\$ 1,642.75	\$ (52.65)	-3.1%	\$ 1,701.35	\$ 58.60	3.6%	\$ 1,750.62	\$ 49.27	2.9%
\$ 2.8960	\$ 724.00	\$ (5.80)	-0.8%	\$ 2.9367	\$ 734.18	\$ 10.18	1.4%	\$ 2.9823	\$ 745.58	\$ 11.40	1.6%	\$ 3.0321	\$ 758.03	\$ 12.45
\$ 1.2343	\$ 308.58	\$ 15.43	5.3%	\$ 1.2538	\$ 313.45	\$ 4.88	1.6%	\$ 1.2758	\$ 318.95	\$ 5.50	1.8%	\$ 1.2998	\$ 324.95	\$ 6.00
\$ 2,608.21	\$ 380.70	\$ 17.1%	\$ 2,743.02	\$ 134.81	5.2%	\$ 2,707.27	\$ (35.75)	-1.3%	\$ 2,784.32	\$ 77.05	2.8%	\$ 2,861.52	\$ 67.20	2.4%
\$ 0.0044	\$ 364.99	\$ 0.84	0.2%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -
\$ 0.0013	\$ 107.84	\$ 0.25	0.2%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -
\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -
\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -
\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -
\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -
\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -
\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -
\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -
\$ 11,241.29	\$ 381.79	\$ 3.5%	\$ 11,376.10	\$ 134.81	1.2%	\$ 11,340.35	\$ (35.75)	-0.3%	\$ 11,417.40	\$ 77.05	0.7%	\$ 11,484.60	\$ 67.20	0.6%
\$ 1,461.37	\$ 49.63	\$ 3.5%	\$ 1,478.89	\$ 17.53	1.2%	\$ 1,474.25	\$ (4.65)	-0.3%	\$ 1,484.26	\$ 10.02	0.7%	\$ 1,493.00	\$ 8.74	0.6%
\$ 12,702.65	\$ 431.42	\$ 3.5%	\$ 12,854.99	\$ 152.34	1.2%	\$ 12,814.59	\$ (40.40)	-0.3%	\$ 12,901.66	\$ 87.07	0.7%	\$ 12,977.59	\$ 75.94	0.6%
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 12,702.65	\$ 431.42	\$ 3.5%	\$ 12,854.99	\$ 152.34	1.2%	\$ 12,814.59	\$ (40.40)	-0.3%	\$ 12,901.66	\$ 87.07	0.7%	\$ 12,977.59	\$ 75.94	0.6%
\$ 11,866.29	\$ 381.79	\$ 3.3%	\$ 12,001.10	\$ 134.81	1.1%	\$ 11,965.35	\$ (35.75)	-0.3%	\$ 12,042.40	\$ 77.05	0.6%	\$ 12,109.60	\$ 67.20	0.6%
\$ 1,542.62	\$ 49.63	\$ 3.3%	\$ 1,560.14	\$ 17.53	1.1%	\$ 1,555.50	\$ (4.65)	-0.3%	\$ 1,565.51	\$ 10.02	0.6%	\$ 1,574.25	\$ 8.74	0.6%
\$ 13,408.90	\$ 431.42	\$ 3.3%	\$ 13,561.24	\$ 152.34	1.1%	\$ 13,520.84	\$ (40.40)	-0.3%	\$ 13,607.91	\$ 87.07	0.6%	\$ 13,683.84	\$ 75.94	0.6%
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -
\$ 13,408.90	\$ 431.42	\$ 3.3%	\$ 13,561.24	\$ 152.34	1.1%	\$ 13,520.84	\$ (40.40)	-0.3%	\$ 13,607.91	\$ 87.07	0.6%	\$ 13,683.84	\$ 75.94	0.6%

3.69%

3.69%

3.69%

3.69%

3.69%



Appendix 2-W

Bill Impacts - Large User

Customer Class: Large User

TOU / non-TOU:	TOU
	Consumption
	Load

2,800,000
7,350

		2015 Current Board-Approved	
Charge Unit	Volume	Rate (\$)	Charge (\$)
Monthly Service Charge	1	\$ 5,966.29	\$ 5,966.29
Smart Meter Rate Adder	1	\$ -	\$ -
Recovery of CGAAP/CWIP Differential	1	\$ 104.59	\$ 104.59
ICM Rate Rider (2014)	1	\$ 30.93	\$ 30.93
	1	\$ -	\$ -
	1	\$ -	\$ -
Distribution Volumetric Rate	per kW	7,350	\$ 1,415.9
Smart Meter Disposition Rider	per kW	7,350	\$ -
LRAM & SSM Rate Rider	per kW	7,350	\$ -
ICM Rate Rider (2014)	per kW	7,350	\$ 0.0073
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	7,350	\$ -
Account 1575	per kW	7,350	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		7,350	\$ -
		7,350	\$ -
Sub-Total A (excluding pass through)			\$ 16,562.33
Deferral/Variance Account Disposition Rate Rider (2014)	per kW	7,350	\$ 0.1973
Disposition of Deferral/Variance Accounts (2016)	per kW	7,350	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
Low Voltage Service Charge	per kW	7,350	\$ 0.1437
Line Losses on Cost of Power		96,600	\$ 0.0950
Smart Meter Entry Charge			\$ -
Sub-Total B - Distribution (includes Sub-Total A)			\$ 25,345.37
RTSR - Network	per kW	7350	\$ 3.4638
RTSR - Line and Transformation Connection	per kW	7350	\$ 1.2027
Sub-Total C - Delivery (includes Sub-Total B)			\$ 59,644.15
Wholesale Market Service Charge (WMSC)	per kWh	2,896.600	\$ 0.0044
Rural and Remote Rate Protection (RRPP)	per kWh	2,896.600	\$ 0.0013
Standard Supply Service Charge	Monthly	1	\$ 0.25
Debt Retirement Charge (DRC)	per kWh	2,800.000	\$ 0.0070
TOU - Off Peak	per kWh	1,792.000	\$ 0.0770
TOU - Mid Peak	per kWh	504.000	\$ 0.1140
TOU - On Peak	per kWh	504.000	\$ 0.1400
Energy - RPP - Tier 1	per kWh	1,000	\$ 0.0880
Energy - RPP - Tier 2	per kWh	2,799.000	\$ 0.1030
			\$ 288,297.00
Total Bill on TOU (before Taxes)			\$ 361,755.02
HST			\$ 47,028.15
Total Bill (including HST)			\$ 408,783.17
Ontario Clean Energy Benefit ¹			\$ -
Total Bill on TOU (including OCEB)			\$ 408,783.17
Total Bill on RPP (before Taxes)			\$ 384,140.02
HST			\$ 49,938.20
Total Bill (including HST)			\$ 434,078.22
Ontario Clean Energy Benefit ¹			\$ -
Total Bill on RPP (including OCEB)			\$ 434,078.22

[illegible]

Loss Factor (%)	3.45%
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3.69%

3.69%

3.69%

3.69%

3.69%



Appendix 2-W
Bill Impacts - Unmetered Scattered Load

Customer Class: USL

TOU / non-TOU: TOU

Consumption 150

			2015 Current Board-Approved		2016 TEST YEAR 1 Proposed				Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed				Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed				Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed				Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed				Impact 2020 TEST vs. 2019 TEST	
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change		
Monthly Service Charge		1	\$ 7.01	\$ 7.01	\$ 8.09	\$ 8.09	\$ 1.08	15.4%	\$ 8.70	\$ 8.70	\$ 0.61	7.5%	\$ 8.91	\$ 8.91	\$ 0.21	2.4%	\$ 9.08	\$ 9.08	\$ 0.17	1.9%	\$ 9.16	\$ 9.16	\$ 0.08	0.9%										
Smart Meter Rate Adder		1	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -											
Recovery of CGAAP/CWIP Differential		1	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ -	0.0%	\$ -	\$ -	\$ (0.11)	-100.0%	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -											
ICM Rate Rider (2014)		1	\$ 0.04	\$ 0.04	\$ -	\$ -	\$ (0.04)	-100.0%	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -											
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Appendix 2-W

Bill Impacts - Sentinel Lighting

Sentinel

TOU
Consumption
Load

180
1

			2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	1	\$ 3.41	\$ 3.41	\$ 3.93	\$ 3.93	\$ 0.52	15.2%	\$ 4.36	\$ 4.36	\$ 0.43	10.9%	\$ 4.58	\$ 4.58	\$ 0.22	5.0%	\$ 4.80	\$ 4.80	\$ 0.22	4.8%	\$ 4.99	\$ 4.99	\$ 0.19	4.0%
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Loss Factor (%)	3.45%
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3.69%

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\$ 1.00



Appendix 2-W
Bill Impacts - Street Lighting

Customer Class: S/L

TOU / non-TOU: TOU
Consumption
Load

280
1

				2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST			
		Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change		
Monthly Service Charge				1	\$ 1.26	\$ 1.26	\$ 1.45	\$ 1.45	\$ 0.19	15.1%	\$ 1.57	\$ 1.57	\$ 0.12	8.3%	\$ 1.62	\$ 1.62	\$ 0.05	3.2%	\$ 1.67	\$ 1.67	\$ 0.05	3.1%	\$ 1.71	\$ 1.71	\$ 0.04	2.4%	
Smart Meter Rate Adder				1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Recovery of CGAAP/CWIP Differential				1	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ -	0.0%	\$ -	\$ -	\$ (0.02)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
ICM Rate Rider (2014)				1	\$ 0.01	\$ 0.01	\$ -	\$ -	\$ (0.01)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
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Distribution Volumetric Rate				per kW	1	\$ 6.6546	\$ 6.65	\$ 8.1382	\$ 8.14	\$ 1.48	22.3%	\$ 9.0858	\$ 9.09	\$ 0.95	11.6%	\$ 9.8029	\$ 9.80	\$ 0.72	7.9%	\$ 10.4188	\$ 10.42	\$ 0.62	6.3%	\$ 11.0145	\$ 11.01	\$ 0.60	5.7%
Smart Meter Disposition Rider				per kW	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
LRAM & SSM Rate Rider				per kW	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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Summary of Bill Impacts

A Distribution Charge

Customer Class	Billing Determinant	Consumption per customer	Load per customer	TEST YEAR 1 - 2016		TEST YEAR 2 - 2017		TEST YEAR 3 - 2018		TEST YEAR 4 - 2019		TEST YEAR 5 - 2020	
				Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	800	-	\$ 4.62	16.7%	\$ 2.88	8.9%	\$ 1.37	3.9%	\$ 0.64	1.8%	\$ 1.25	3.4%
GS<50 kW	kWh	2,000	-	\$ 10.13	16.0%	\$ 5.27	7.2%	\$ 2.77	3.5%	\$ 2.10	2.6%	\$ 2.36	2.8%
GS>50 kW	kW	80,000	250	\$ 368.60	30.5%	\$ 119.76	7.6%	\$ (52.85)	(3.1%)	\$ 58.60	3.6%	\$ 49.27	2.9%
Large Use	kW	2,800,000	7,350	\$ 7,500.30	29.6%	\$ 3,066.94	9.3%	\$ 1,462.65	4.1%	\$ 1,445.01	3.9%	\$ 1,181.88	3.0%
Unmetered Scattered Load	kWh	150	-	\$ 1.63	16.3%	\$ 0.92	7.9%	\$ 0.39	3.1%	\$ 0.41	3.2%	\$ 0.31	2.3%
Sentinel Lights	kW	180	1	\$ 2.59	21.7%	\$ 1.51	10.4%	\$ 0.17	1.1%	\$ 0.61	3.7%	\$ 0.52	3.1%
Street Lighting	kW	280	1	\$ 1.80	20.6%	\$ 1.42	13.5%	\$ 0.65	5.4%	\$ 0.67	5.4%	\$ 0.64	4.8%

B Delivery Charge

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	800	-	\$ 4.81	12.9%	\$ 3.05	7.3%	\$ 1.54	3.4%	\$ 0.81	1.7%	\$ 1.50	3.2%
GS<50 kW	kWh	2,000	-	\$ 10.59	12.6%	\$ 5.48	5.8%	\$ 3.39	3.4%	\$ 2.52	2.4%	\$ 2.77	2.6%
GS>50 kW	kW	80,000	250	\$ 378.22	17.0%	\$ 134.81	5.2%	\$ (35.75)	(1.3%)	\$ 77.05	2.8%	\$ 67.20	2.4%
Large Use	kW	2,800,000	7,350	\$ 8,200.75	13.7%	\$ 3,848.24	5.7%	\$ 2,266.74	3.2%	\$ 2,247.63	3.0%	\$ 2,024.93	2.7%
Unmetered Scattered Load	kWh	150	-	\$ 1.62	13.9%	\$ 0.90	6.8%	\$ 0.36	2.5%	\$ 0.39	2.7%	\$ 0.31	2.0%
Sentinel Lights	kW	180	1	\$ 2.64	17.5%	\$ 1.56	8.8%	\$ 0.22	1.2%	\$ 0.65	3.3%	\$ 0.57	2.8%
Street Lighting	kW	280	1	\$ 2.28	17.5%	\$ 2.04	14.4%	\$ 1.55	9.6%	\$ 0.80	4.5%	\$ 0.79	4.3%

C Total Bill

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%
Residential	kWh	800	-	\$ 5.45	3.9%	\$ 3.44	2.4%	\$ 1.74	1.2%	\$ 0.91	0.6%
GS<50 kW	kWh	2,000	-	\$ 12.00	3.5%	\$ 6.19	1.8%	\$ 3.84	1.1%	\$ 2.85	0.8%
GS>50 kW	kW	80,000	250	\$ 428.63	3.5%	\$ 152.34	1.2%	\$ (40.40)	(0.3%)	\$ 87.07	0.7%
Large Use	kW	2,800,000	7,350	\$ 9,310.14	2.3%	\$ 4,348.51	1.0%	\$ 2,561.42	0.6%	\$ 2,539.82	0.6%
Unmetered Scattered Load	kWh	150	-	\$ 1.83	5.8%	\$ 1.02	3.0%	\$ 0.41	1.2%	\$ 0.45	1.3%
Sentinel Lights	kW	180	1	\$ 2.99	7.6%	\$ 1.76	4.2%	\$ 0.25	0.6%	\$ 0.74	1.7%
Street Lighting	kW	280	1	\$ 2.58	5.4%	\$ 2.30	4.6%	\$ 1.75	3.3%	\$ 0.91	1.7%



Appendix 2-W
Bill Impacts - Residential

Customer Class: RESIDENTIAL			
TOU / non-TOU: TOU			
Consumption 800			

3.69%

3.69%

3.69%

3.69%

3.69%



Consumption	2,000
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Loss Factor (%)



Appendix 2-W
Bill Impacts - GS > 50

Customer Class: GS > 50

TOU / non-TOU: TOU
Consumption
Load

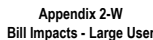
80,000
250

	Charge Unit	Volume	2015 Current Board-Approved	
			Rate (\$)	Charge (\$)
Monthly Service Charge	Monthly	1	\$ 138.48	\$ 138.48
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 6.99	\$ 6.99
ICM Rate Rider (2014)	Monthly	1	\$ 0.72	\$ 0.72
	1	\$ -	\$ -	\$ -
	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kW	250	\$ 3.3278	\$ 831.95
Smart Meter Disposition Rider	per kW	250	\$ -	\$ -
LRAM & SSM Rate Rider	per kW	250	\$ -	\$ -
ICM Rate Rider (2014)	per kW	250	\$ 0.0173	\$ 4.33
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA)	per kW	250	\$ 0.0134	\$ 3.35
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	250	\$ -	\$ -
Account 1575	per kW	250	\$ -	\$ -
Lost Revenue Adjustment Mechanism (LRAM)	per kW	250	\$ 0.0099	\$ 2.48
		250	\$ -	\$ -
		250	\$ -	\$ -
Sub-Total A (excluding pass through)				\$ 988.29
Deferral/Variance Account Disposition Rate Rider (2014)	per kW	250	\$ 0.2207	\$ (55.18)
Disposition of Deferral/Variance Accounts (2016)	per kW	250	\$ -	\$ -
Disposition of Global Adjustment Sub-Account (2014)	per kW	250	\$ 0.0720	\$ (18.00)
Disposition of Global Adjustment Sub-Account (2016)	per kW	250	\$ -	\$ -
		250	\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
Low Voltage Service Charge	per kW	250	\$ 0.1189	\$ 29.73
Line Losses on Cost of Power		2,760.00	\$ 0.0950	\$ 262.20
Smart Meter Entity Charge			\$ -	\$ -
Sub-Total B - Distribution (includes Sub-Total A)				\$ 1,207.04
RTSR - Network	per kW	250	\$ 2.9192	\$ 729.80
RTSR - Line and Transformation Connection	per kW	250	\$ 1.1726	\$ 293.15
Sub-Total C - Delivery (including Sub-Total B)				\$ 2,229.99
Wholesale Market Service Charge (WMSC)	per kWh	82,760	\$ 0.0044	\$ 364.14
Rural and Remote Rate Protection (RRRP)	per kWh	82,760	\$ 0.0013	\$ 107.59
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25
Debt Retirement Charge (DRC)	per kWh	80,000	\$ 0.0070	\$ 560.00
TOU - Off Peak	per kWh	51,200	\$ 0.0770	\$ 3,942.40
TOU - Mid Peak	per kWh	14,400	\$ 0.1140	\$ 1,641.60
TOU - On Peak	per kWh	14,400	\$ 0.1400	\$ 2,016.00
Energy - RPP - Tier 1	per kWh	1,000	\$ 0.0880	\$ 88.00
Energy - RPP - Tier 2	per kWh	79,000	\$ 0.1030	\$ 8,137.00
				\$ -
Total Bill on TOU (before Taxes)				\$ 10,861.97
HST			13%	\$ 1,412.06
Total Bill (including HST)				\$ 12,274.03
Ontario Clean Energy Benefit ¹				\$ -
Total Bill on TOU (including OCEB)				\$ 12,274.03
				\$ -
Total Bill on RPP (before Taxes)				\$ 11,486.97
HST			13%	\$ 1,493.31
Total Bill (including HST)				\$ 12,980.28
Ontario Clean Energy Benefit ¹				\$ -
Total Bill on RPP (including OCEB)				\$ 12,980.28

Loss Factor (%)

3.45%

2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%	\$ 138.48	\$ 138.48	\$ -	0.0%
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 6.99	\$ 6.99	\$ -	0.0%	\$ -	\$ -	\$ (6.99)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ (0.72)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 4,022.0	\$ 1,005.50	\$ 173.55	20.9%	\$ 4,449.7	\$ 1,112.43	\$ 106.93	10.6%	\$ 4,676.1	\$ 1,169.03	\$ 56.60	5.1%	\$ 4,899.8	\$ 1,224.95	\$ 55.93	4.8%	\$ 5,096.9	\$ 1,274.23	\$ 49.27	4.0%
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ (4.33)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ (3.35)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 0.0126	\$ (3.15)	\$ (3.15)	-	\$ -	\$ -	\$ 3.15	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 0.0564	\$ (14.10)	\$ (14.10)	-	\$ -	\$ -	\$ 14.10	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ (2.48)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ 1,133.72	\$ 145.43	14.7%	\$ -	\$ 1,250.91	\$ 117.19	10.3%	\$ -	\$ 1,307.51	\$ 56.60	4.5%	\$ -	\$ 1,363.43	\$ 55.93	4.3%	\$ -	\$ 1,412.71	\$ 49.27	3.6%
\$ -	\$ -	\$ 55.18	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 0.0309	\$ 7.73	\$ 7.73	-	\$ 0.0309	\$ 7.73	\$ -	0.0%	\$ -	\$ -	\$ (7.73)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 0.4161	\$ 104.03	\$ 104.03	-	\$ 0.4161	\$ 104.03	\$ -	0.0%	\$ -	\$ -	\$ (104.03)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 0.1989	\$ 49.73	\$ 20.00	67.3%	\$ 0.2092	\$ 52.30	\$ 2.58	5.2%	\$ 0.2192	\$ 54.80	\$ 2.50	4.8%	\$ 0.2299	\$ 57.48	\$ 2.68	4.9%	\$ 0.2299	\$ 57.48	\$ -	0.0%
\$ 0.0950	\$ 280.44	\$ 18.24	7.0%	\$ 0.0950	\$ 280.44	\$ -	0.0%	\$ 0.0950	\$ 280.44	\$ -	0.0%	\$ 0.0950	\$ 280.44	\$ -	0.0%	\$ 0.0950	\$ 280.44	\$ -	0.0%
\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
\$ 1,575.64		\$ 368.60	30.5%	\$ 1,695.40		\$ 119.76	7.6%	\$ 1,642.75		\$ (52.65)	-3.1%	\$ 1,701.35		\$ 58.60	3.6%	\$ 1,750.62		\$ 49.27	2.9%
\$ 2,896.0	\$ 724.00	\$ (5.80)	-0.8%	\$ 2,936.7	\$ 734.18	\$ 10.18	1.4%	\$ 2,982.3	\$ 745.58	\$ 11.40	1.6%	\$ 3,032.1	\$ 758.03	\$ 12.45	1.7%	\$ 3,080.2	\$ 770.05	\$ 12.03	1.6%
\$ 1,234.3	\$ 308.58	\$ 15.43	5.3%	\$ 1,253.8	\$ 313.45	\$ 4.88	1.6%	\$ 1,275.8	\$ 318.95	\$ 5.50	1.8%	\$ 1,299.8	\$ 324.95	\$ 6.00	1.9%	\$ 1,323.4	\$ 330.85	\$ 5.90	1.8%
\$ 2,608.21		\$ 378.22	17.0%	\$ 2,743.02		\$ 134.81	5.2%	\$ 2,707.27		\$ (35.75)	-1.3%	\$ 2,784.32		\$ 77.05	2.8%	\$ 2,851.52		\$ 67.20	2.4%
\$ 0.0044	\$ 364.99	\$ 0.84	0.2%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%	\$ 0.0044	\$ 364.99	\$ -	0.0%
\$ 0.0013	\$ 107.84	\$ 0.25	0.2%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%	\$ 0.0013	\$ 107.84	\$ -	0.0%
\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%	\$ 0.2500	\$ 0.25	\$ -	0.0%
\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%	\$ 0.0070	\$ 560.00	\$ -	0.0%
\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -	0.0%	\$ 0.0770	\$ 3,942.40	\$ -	0.0%
\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -	0.0%	\$ 0.1140	\$ 1,641.60	\$ -	0.0%
\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -	0.0%	\$ 0.1400	\$ 2,016.00	\$ -	0.0%
\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -	0.0%	\$ 0.0880	\$ 88.00	\$ -	0.0%
\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -	0.0%	\$ 0.1030	\$ 8,137.00	\$ -	0.0%
\$ 11,241.29		\$ 379.31	3.5%	\$ 11,376.10		\$ 134.81	1.2%	\$ 11,340.35		\$ (35.75)	-0.3%	\$ 11,417.40		\$ 77.05	0.7%	\$ 11,484.60		\$ 67.20	0.6%
13%	\$ 1,461.37	\$ 49.31	3.5%	13%	\$ 1,478.89	\$ 17.53	1.2%	13%	\$ 1,474.25	\$ (4.65)	-0.3%	13%	\$ 1,484.26	\$ 10.02	0.7%	13%	\$ 1,493.00	\$ 8.74	0.6%
	\$ 12,702.65	\$ 428.63	3.5%		\$ 12,854.99	\$ 152.34	1.2%		\$ 12,814.59	\$ (40.40)	-0.3%		\$ 12,901.66	\$ 87.07	0.7%		\$ 12,977.59	\$ 75.94	0.6%
	\$ 12,702.65	\$ 428.63	3.5%		\$ 12,854.99	\$ 152.34	1.2%		\$ 12,814.59	\$ (40.40)	-0.3%		\$ 12,901.66	\$ 87.07	0.7%		\$ 12,977.59	\$ 75.94	0.6%
13%	\$ 11,866.29	\$ 379.31	3.3%		\$ 12,001.10	\$ 134.81	1.1%		\$ 11,965.35	\$ (35.75)	-0.3%		\$ 12,042.40	\$ 77.05	0.6%		\$ 12,109.60	\$ 67.20	0.6%
	\$ 1,542.62	\$ 49.31	3.3%	13%	\$ 1,560.14	\$ 17.53	1.1%	13%	\$ 1,555.50	\$ (4.65)	-0.3%	13%	\$ 1,565.51	\$ 10.02	0.6%	13%	\$ 1,574.25	\$ 8.74	0.6%
	\$ 13,408.90	\$ 428.63	3.3%		\$ 13,561.24	\$ 152.34	1.1%		\$ 13,520.84	\$ (40.40)	-0.3%		\$ 13,607.91	\$ 87.07	0.6%		\$ 13,683.84	\$ 75.94	0.6%
	\$ 13,408.90	\$ 428.63	3.3%		\$ 13,561.24	\$ 152.34	1.1%		\$ 13,520.84	\$ (40.40)	-0.3%		\$ 13,607.91	\$ 87.07	0.6%		\$ 13,683.84	\$ 75.94	0.6%

Customer Class: Large User

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

			2015 Current Board-Approved	
	Charge Unit	Volume	Rate (\$)	Charge (\$)
Monthly Service Charge	Monthly	1	\$ 5,966.29	\$ 5,966.29
Smart Meter Rate Adder	Monthly	1	\$ -	\$ -
Recovery of CGAAP/CWIP Differential	Monthly	1	\$ 104.59	\$ 104.59
ICM Rate Rider (2014)	Monthly	1	\$ 30.93	\$ 30.93
		1	\$ -	-
		1	\$ -	-
Distribution Volumetric Rate	per kW	7,350	\$ 1.4159	\$ 10,406.87
Smart Meter Disposition Rider	per kW	7,350	\$ -	\$ -
LRAM & SSM Rate Rider	per kW	7,350	\$ -	\$ -
ICM Rate Rider (2014)	per kW	7,350	\$ 0.0073	\$ 53.66
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kW	7,350	\$ -	\$ -
Account 1575	per kW	7,350	\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
		7,350	\$ -	\$ -
		7,350	\$ -	\$ -
Sub-Total A (excluding pass through)			\$ -	\$ 16,562.33
Deferral/Variance Account Disposition Rate Rider (2014)	per kW	7,350	\$ 0.1973	\$ (1,450.16)
Disposition of Deferral/Variance Accounts (2016)	per kW	7,350	\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
Low Voltage Service Charge	per kW	7,350	\$ 0.1437	\$ 1,056.20
Line Losses on Cost of Power		96,600	\$ 0.0950	\$ 9,177.00
Smart Meter Entity Charge			\$ -	\$ -
Sub-Total B - Distribution (includes Sub-Total A)				\$ 25,345.37
RISR - Network	per kW	7350	\$ 3.4638	\$ 25,458.93
RISR - Line and Transformation Connection	per kW	7350	\$ 1.2027	\$ 8,839.85
Sub-Total C - Delivery (including Sub-Total B)				\$ 59,604.15
Wholesale Market Service Charge (WMSC)	per kWh	2,896,600	\$ 0.0044	\$ 12,745.04
Rural and Remote Rate Protection (RRRP)	per kWh	2,896,600	\$ 0.0013	\$ 3,765.58
Standard Supply Service Charge	Monthly	1	\$ 0.25	\$ 0.25
Debt Retirement Charge (DRC)	per kWh	2,800,000	\$ 0.0070	\$ 19,600.00
TOU - Off Peak	per kWh	1,792,000	\$ 0.0770	\$ 137,984.00
TOU - Mid Peak	per kWh	504,000	\$ 0.1140	\$ 57,456.00
TOU - On Peak	per kWh	504,000	\$ 0.1400	\$ 70,560.00
Energy - RPP - Tier 1	per kWh	1,000	\$ 0.0880	\$ 88.00
Energy - RPP - Tier 2	per kWh	2,799,000	\$ 0.1030	\$ 288,297.00
Total Bill on TOU (before Taxes)				\$ 361,755.02
HST			13%	\$ 47,028.15
Total Bill (including HST)				\$ 408,783.17
Ontario Clean Energy Benefit¹				
Total Bill on TOU (including OCEB)				\$ 408,783.17
Total Bill on RPP (before Taxes)				\$ 384,140.02
HST			13%	\$ 49,938.20
Total Bill (including HST)				\$ 434,078.22
Ontario Clean Energy Benefit¹				
Total Bill on RPP (including OCEB)				\$ 434,078.22

Loss Factor (%)	3.45%
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[illegible]

3.69%	3.69%	3.69%	3.69%	3.69%
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Appendix 2-W
Bill Impacts - Unmetered Scattered Load

Customer Class: USL

TOU / non-TOU: TOU

Consumption 150

			2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
	Charge Unit	Volume	Rate (\$)	Charge (\$)	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change	Rate (\$)	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly Monthly Monthly Monthly	1	\$ 7.01	\$ 7.01	\$ 8.09	\$ 8.09	\$ 1.08	15.4%	\$ 8.70	\$ 8.70	\$ 0.61	7.5%	\$ 8.91	\$ 8.91	\$ 0.21	2.4%	\$ 9.08	\$ 9.08	\$ 0.17	1.9%	\$ 9.16	\$ 9.16	\$ 0.08	0.9%
Smart Meter Rate Adder		1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Recovery of CGAAP/CWIP Differential		1	\$ 0.11	\$ 0.11	\$ 0.11	\$ 0.11	\$ -	0.0%	\$ -	\$ -	\$ (0.11)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)		1	\$ 0.04	\$ 0.04	\$ -	\$ -	\$ (0.04)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
		1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
	1	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	
Distribution Volumetric Rate	per kWh	150	\$ 0.0159	\$ 2.39	\$ 0.0193	\$ 2.90	\$ 0.51	21.4%	\$ 0.0214	\$ 3.21	\$ 0.32	10.9%	\$ 0.0228	\$ 3.42	\$ 0.21	6.5%	\$ 0.0243	\$ 3.65	\$ 0.23	6.6%	\$ 0.0258	\$ 3.87	\$ 0.23	6.2%
Smart Meter Disposition Rider	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
LRAM & SSM Rate Rider	per kWh	150	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
ICM Rate Rider (2014)	per kWh	150	\$ 0.0001	\$ 0.02	\$ -	\$ -	\$ (0.02)	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2016)	per kWh	150	\$ -	\$ -	-\$ 0.0002	\$ (0.03)	\$ (0.03)	-	\$ -	\$ -	\$ 0.03	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
Account 1575	per kWh	150	\$ -	\$ -	-\$ 0.0005	\$ (0.08)	\$ (0.08)	-	\$ -	\$ -	\$ 0.08	-100.0%	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	-
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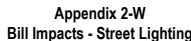


Appendix 2-W
Bill Impacts - Sentinel Lighting

Customer Class: Sentinel

TOU / non-TOU: TOU
Consumption 180
Load 1

				2015 Current Board-Approved		2016 TEST YEAR 1 Proposed		Impact 2016 TEST vs. 2015 Bridge		2017 TEST YEAR 2 Proposed		Impact 2017 TEST vs. 2016 TEST		2018 TEST YEAR 3 Proposed		Impact 2018 TEST vs. 2017 TEST		2019 TEST YEAR 4 Proposed		Impact 2019 TEST vs. 2018 TEST		2020 TEST YEAR 5 Proposed		Impact 2020 TEST vs. 2019 TEST	
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TOU / non-TOU:	TOU
	Consumption
	Load

[illegible][illegible]

3.69%

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

Less: Fully Allocated Depreciation	
Transportation	\$ 1,953
Stores Equipment	\$ 65
Tools, Shop & Garage	\$ 498
less - Non- distribution	-\$ 44
Net Depreciation	\$ 46,034

NOTES:

Appendix 2-BA
Fixed Asset Continuity Schedule
Year 2017

					COST (000's)				ACCUMULATIVE DEPRECIATION (000's)				
CCA Class	GL account	Detail Asset Class	Depreciation Rate	Notes	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Opening Balance	Additions (3)	Disposals/ Adjustments	Closing Balance	Net Book Value (000's)
Distribution Assets													
47	1610	Hydro One TS - Contributed Capital	2.50%		4,953	0	0	4,953	1,469	288	0	1,757	3,196
n/a	1805	Land	0		26,436	0	0	26,436	0	0	0	0	26,436
CEC	1612	Land Rights	0		940	34	0	974	0	0	0	0	974
1	1808	Building & Fixtures	2.50%		7,005	77	0	7,082	1,235	220	0	1,455	5,627
47	1810	Major spare parts	0		9,878	0	0	9,878	0	0	0	0	9,878
47	1815	Transformer Stations	2.50%	1	109,144	24,962	0	134,106	25,626	4,377	0	30,003	104,103
47	1820	Distribution Stations	3.33%	1	28,878	2,886	0	31,764	8,686	1,461	0	10,147	21,617
47	1830	Poles, Towers & Fixtures	2.22%		184,239	24,299	-87	208,451	18,682	4,583	-4	23,261	185,190
47	1835	O/H Cond & Devices	2.50%		161,244	23,360	-130	184,474	20,236	4,778	-8	25,006	159,468
47	1840	U/G Conduit	1.67%		111,352	7,083	0	118,435	8,994	2,001	0	10,995	107,440
47	1845	U/G Cond & Devices	2.22%		354,812	43,436	-433	397,815	40,867	10,062	-23	50,906	346,909
47	1850	Line Transformers	2.92%	2	180,140	13,586	-1,901	191,825	38,498	7,682	-166	46,014	145,811
47	1855	Services (OH and UG)	3.25%	2	75,922	4,203	0	80,125	21,389	3,580	0	24,969	55,156
47	1860	Meters	5.33%	2	34,986	3,207	-1,176	37,017	8,629	2,342	-588	10,383	26,634
47	1860	Smart Meters	6.67%		53,403	1,536	0	54,939	21,561	3,888	0	25,449	29,490
47	1875	Streetlighting	4.00%		2,128	2	0	2,130	487	91	0	578	1,552
		Subtotal Distribution Assets	n/a		1,345,460	148,671	-3,727	1,490,404	216,359	45,353	-789	260,923	1,229,481
General Plant Assets													
1	1908	Building & Fixtures - Head office	2.00%	1	47,711	403	0	48,114	5,836	1,073	0	6,909	41,205
13	1910	Leasehold Improvements	30.00%		191	0	0	191	27	-1	0	26	165
8	1915	Office Equipment	10.00%		5,048	24	0	5,072	3,398	598	0	3,996	1,076
50	1920	Computer hardware	20.42%	2	15,557	2,954	0	18,511	10,030	2,502	0	12,532	5,979
12	1611	Computer Software	22.78%	2	77,056	10,466	0	87,522	24,637	9,803	0	34,440	53,082
10	1930	Transportation	9.05%	2	19,690	2,686	0	22,376	9,572	2,046	0	11,618	10,758
8	1935	Stores Equipment	10.00%		680	0	0	680	109	66	0	175	505
8	1940	Tools, Shop & Garage	10.00%		5,353	473	0	5,826	2,649	507	0	3,156	2,670
8	1955	Communication Equipment	21.67%	2	2,867	513	0	3,380	2,006	212	0	2,218	1,162
8	1960	Miscellaneous equipment	10.00%		0	0	0	0	0	0	0	0	0
47	1980	System Supervisory Equip	7.78%	2	14,201	1,093	0	15,294	6,555	1,064	0	7,619	7,675
47	1990	Other Tangible property	n/a		0	0	0	0	0	0	0	0	0
		Subtotal General Plant Assets	n/a		188,354	18,612	0	206,966	64,819	17,870	0	82,689	124,277
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		1,551,363	167,283	-3,727	1,714,919	285,568	63,954	-789	348,733	1,366,186
47	1995/1996	Contributed Capital	varies		-365,197	-22,923	993	-387,126	-55,501	-11,322	71	-66,752	-320,375
		NET DISTRIBUTION ASSETS	n/a		1,186,166	144,360	-2,734	1,327,793	230,067	52,632	-718	281,981	1,045,811
		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			1,183,300	144,358	-2,734	1,324,924	229,427	52,480	-718	281,189	1,043,733

Less: Fully Allocated Depreciation

Transportation	\$ 2,046
Stores Equipment	\$ 66
Tools, Shop & Garage	\$ 507
less - Non- distribution	-\$ 44
Net Depreciation	\$ 49,969

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.

Less: Fully Allocated Depreciation	
Transportation	\$ 2,156
Stores Equipment	\$ 66
Tools, Shop & Garage	\$ 522
less - Non- distribution	-\$ 44
Net Depreciation	\$ 52,655

version late	Date:	April 30, 2015
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Less: Fully Allocated Depreciation	
Transportation	\$ 2,362
Stores Equipment	\$ 66
Tools, Shop & Garage	\$ 542
less - Non- distribution	-\$ 44
Net Depreciation	\$ 55,509

version late	Date:	April 30, 2015
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NOTES:

Sheet I6.1 Revenue Worksheet -

Miscellaneous Revenue (RRWF 5. cell F48)	12,590,603
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[illegible]

2016 Cost Allocation Model

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Sheet I6.2 Customer Data Worksheet -

		1	2	3	6	7	8	9
ID	Total	Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data								
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498			
Number of Bills	CNB	2,534,552	2,048,699	389,101.00	59,437	24	441	1,343.00
Number of Devices							88,226	
Number of Connections (Unmetered)	CCON	33,818					30,634	208
Total Number of Customers	CCA	366,259	325,759	32,425	4,953	2	43	101
Bulk Customer Base	CCB	366,259	325,759	32,425	4,953	2	43	101
Primary Customer Base	CCP	366,258	325,759	32,425	4,953	1	43	101
Line Transformer Customer Base	CCLT	365,904	325,759	32,425	4,600		43	101
Secondary Customer Base	CCS	314,291	314,190					101
Weighted - Services	CWCS	314,190	314,190	-	-	-	-	-
Weighted Meter -Capital	CWMC	96,553,360	63,673,230	20,527,128	12,299,002	54,000	-	-
Weighted Meter Reading	CWMR	3,840,808	2,257,899	419,396	1,163,154	360	-	-
Weighted Bills	CWNB	3,279,841	2,048,699	778,202	416,057	360	882	134

Bad Debt Data

Historic Year:	2011	1,043,927	676,110	77,416	290,401			
Historic Year:	2012	938,021	569,210	72,602	296,210			
Historic Year:	2013	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

2016 Cost Allocation Model

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Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

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

2016 Cost Allocation Model

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Sheet 01 Revenue to Cost Summary Worksheet -

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

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1	2	3	6	7	8	9
		Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
crev Distribution Revenue at Existing Rates	\$162,444,354	\$88,037,077	\$24,606,848	\$46,721,959	\$266,234	\$2,320,226	\$16,350	\$475,661
mi Miscellaneous Revenue (mi)	\$12,590,603	\$7,527,078	\$1,867,749	\$2,910,817	\$14,413	\$209,717	\$1,592	\$59,237
Miscellaneous Revenue Input equals Output								
Total Revenue at Existing Rates	\$175,034,957	\$95,564,155	\$26,474,597	\$49,632,776	\$280,647	\$2,529,942	\$17,941	\$534,898
Factor required to recover deficiency (1 + D)	1.1815							
Distribution Revenue at Status Quo Rates	\$191,921,907	\$104,012,502	\$29,072,068	\$55,200,240	\$314,546	\$2,741,259	\$19,316	\$561,975
Miscellaneous Revenue (mi)	\$12,590,603	\$7,527,078	\$1,867,749	\$2,910,817	\$14,413	\$209,717	\$1,592	\$59,237
Total Revenue at Status Quo Rates	\$204,512,509	\$111,539,580	\$30,939,817	\$58,111,058	\$328,959	\$2,950,976	\$20,908	\$621,212
Expenses								
di Distribution Costs (di)	\$28,115,861	\$13,582,050	\$3,781,866	\$10,047,049	\$80,598	\$553,608	\$3,955	\$66,735
cu Customer Related Costs (cu)	\$24,533,673	\$15,970,895	\$4,816,195	\$3,329,169	\$3,876	\$230,298	\$2,142	\$181,098
ad General and Administration (ad)	\$43,566,292	\$24,348,149	\$7,078,952	\$11,206,463	\$72,253	\$654,244	\$5,069	\$201,162
dep Depreciation and Amortization (dep)	\$47,218,554	\$24,633,872	\$6,807,821	\$14,772,392	\$115,735	\$787,903	\$5,579	\$95,253
INPUT PILs (INPUT)	(\$3,759,745)	(\$1,857,755)	(\$528,968)	(\$1,283,934)	(\$10,942)	(\$69,279)	(\$491)	(\$8,377)
INT Interest	\$24,789,640	\$12,248,988	\$3,487,717	\$8,465,534	\$72,143	\$456,787	\$3,235	\$55,236
Total Expenses	\$164,464,274	\$88,926,199	\$25,443,583	\$46,536,674	\$333,663	\$2,613,560	\$19,489	\$591,106
Direct Allocation	\$11,315	\$0	\$0	\$0	\$11,315	\$0	\$0	\$0
NI Allocated Net Income (NI)	\$40,036,920	\$19,782,932	\$5,632,896	\$13,672,402	\$116,516	\$737,741	\$5,224	\$89,210
Revenue Requirement (includes NI)	\$204,512,509	\$108,709,131	\$31,076,479	\$60,209,076	\$461,494	\$3,351,301	\$24,713	\$680,316
Revenue Requirement Input equals Output								
Rate Base Calculation								
Net Assets								
dp Distribution Plant - Gross	\$1,281,718,445	\$647,729,677	\$178,831,745	\$424,272,466	\$3,316,078	\$24,472,311	\$173,106	\$2,923,062
qp General Plant - Gross	\$196,513,491	\$98,089,500	\$27,370,269	\$66,140,679	\$550,420	\$3,873,963	\$27,400	\$461,259
accum dep Accumulated Depreciation	(\$205,478,944)	(\$107,908,732)	(\$29,291,993)	(\$64,150,975)	(\$512,099)	(\$3,199,093)	(\$22,665)	(\$393,386)
co Capital Contribution	(\$352,390,470)	(\$182,422,532)	(\$47,603,614)	(\$112,607,388)	(\$764,845)	(\$8,011,728)	(\$56,520)	(\$923,843)
Total Net Plant	\$920,362,522	\$455,487,912	\$129,306,407	\$313,654,782	\$2,589,554	\$17,135,453	\$121,322	\$2,067,092
Directly Allocated Net Fixed Assets	\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
COP Cost of Power (COP)	\$1,103,217,737	\$358,619,650	\$134,447,233	\$591,192,763	\$9,892,293	\$7,154,032	\$50,927	\$1,860,838
OM&A Expenses	\$96,215,825	\$53,901,094	\$15,677,013	\$24,582,682	\$156,727	\$1,438,149	\$11,166	\$448,995
Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
Subtotal	\$1,199,433,928	\$412,520,744	\$150,124,246	\$615,775,444	\$10,049,386	\$8,592,181	\$62,093	\$2,309,833
Working Capital	\$155,926,411	\$53,627,697	\$19,516,152	\$80,050,808	\$1,306,420	\$1,116,984	\$8,072	\$300,278
Total Rate Base	\$1,076,363,178	\$509,115,609	\$148,822,559	\$393,705,590	\$3,970,219	\$18,252,436	\$129,394	\$2,367,370
Rate Base Input equals Output								
Equity Component of Rate Base	\$430,545,271	\$203,646,244	\$59,529,024	\$157,482,236	\$1,588,088	\$7,300,974	\$51,758	\$946,948
Net Income on Allocated Assets	\$40,036,920	\$22,613,381	\$5,496,234	\$11,574,383	(\$16,020)	\$337,416	\$1,419	\$30,106
Net Income on Direct Allocation Assets	\$3,790	\$0	\$0	\$0	\$3,790	\$0	\$0	\$0
Net Income	\$40,040,710	\$22,613,381	\$5,496,234	\$11,574,383	(\$12,230)	\$337,416	\$1,419	\$30,106
RATIOS ANALYSIS								
REVENUE TO EXPENSES STATUS QUO%	100.00%	102.60%	99.56%	96.52%	71.28%	88.05%	84.60%	91.31%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$29,477,553)	(\$13,144,976)	(\$4,601,881)	(\$10,576,300)	(\$180,847)	(\$821,358)	(\$6,772)	(\$145,418)
Deficiency Input equals Output								
STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$2,830,449	(\$136,662)	(\$2,098,018)	(\$132,535)	(\$400,325)	(\$3,805)	(\$59,104)
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	11.10%	9.23%	7.35%	-0.77%	4.62%	2.74%	3.18%

2016 Cost Allocation Model

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

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$4.65	\$15.22	\$52.05	\$354.88	\$0.62	\$0.81	\$4.30
\$7.76	\$24.81	\$91.04	\$519.31	\$1.14	\$1.49	\$7.83
\$16.69	\$33.66	\$125.05	\$689.70	\$6.80	\$7.05	\$14.81
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

Sheet I6.1 Revenue Worksheet -

Miscellaneous Revenue (RRWF 5. cell F48)	12,718,312
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[illegible]

2017 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	2,579,608	2,087,168	393,583.00	60,739	24	441	1,343.00
Number of Devices							89,829	
Number of Connections (Unmetered)	CCON	34,442					31,191	207
Total Number of Customers	CCA	372,926	331,876	32,799	5,062	2	43	101
Bulk Customer Base	CCB	372,926	331,876	32,799	5,062	2	43	101
Primary Customer Base	CCP	372,925	331,876	32,799	5,062	1	43	101
Line Transformer Customer Base	CCLT	372,571	331,876	32,799	4,709		43	101
Secondary Customer Base	CCS	320,408	320,307					101
Weighted - Services	CWCS	320,307	320,307	-	-	-	-	-
Weighted Meter -Capital	CWMC	98,266,690	64,809,291	20,808,907	12,594,492	54,000	-	-
Weighted Meter Reading	CWMR	3,893,726	2,294,476	423,894	1,173,048	2,309	-	-
Weighted Bills	CWNB	3,337,194	2,087,168	787,166	425,173	360	882	134

Bad Debt Data

Historic Year:	2011	1,043,927	676,110	77,416	290,401			
Historic Year:	2012	938,021	569,210	72,602	296,210			
Historic Year:	2013	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

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Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

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

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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

			1	2	3	6	7	8	9
Rate Base Assets		Total	Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
crev mi	Distribution Revenue at Existing Rates	\$163,344,950	\$88,807,634	\$24,646,566	\$46,908,541	\$265,314	\$2,213,358	\$16,286	\$487,250
	Miscellaneous Revenue (mi)	\$12,718,312	\$7,590,447	\$1,865,737	\$2,976,590	\$14,937	\$209,866	\$1,590	\$59,146
	Miscellaneous Revenue Input equals Output								
	Total Revenue at Existing Rates	\$176,063,262	\$96,398,081	\$26,512,303	\$49,885,131	\$280,251	\$2,423,224	\$17,875	\$546,396
	Factor required to recover deficiency (1 + D)	1.2921							
di cu ad dep INPUT INT	Distribution Revenue at Status Quo Rates	\$211,062,322	\$114,750,689	\$31,846,479	\$60,611,765	\$342,819	\$2,859,938	\$21,043	\$629,589
	Miscellaneous Revenue (mi)	\$12,718,312	\$7,590,447	\$1,865,737	\$2,976,590	\$14,937	\$209,866	\$1,590	\$59,146
	Total Revenue at Status Quo Rates	\$223,780,634	\$122,341,136	\$33,712,216	\$63,588,355	\$357,756	\$3,069,804	\$22,633	\$688,734
	Expenses								
	Distribution Costs (di)	\$29,409,976	\$14,175,162	\$3,949,670	\$10,572,701	\$84,436	\$552,903	\$4,087	\$71,017
NI	Customer Related Costs (cu)	\$24,207,803	\$15,798,047	\$4,696,338	\$3,295,820	\$4,577	\$234,588	\$2,101	\$176,332
	General and Administration (ad)	\$44,494,168	\$24,762,628	\$7,140,861	\$11,649,139	\$76,199	\$658,642	\$5,159	\$201,539
	Depreciation and Amortization (dep)	\$51,156,219	\$26,511,000	\$7,356,477	\$16,219,270	\$126,429	\$830,748	\$6,043	\$106,252
	PILs (INPUT)	\$4,182,761	\$2,050,541	\$585,975	\$1,448,954	\$12,272	\$74,893	\$544	\$9,581
	Interest	\$27,317,513	\$13,392,032	\$3,826,989	\$9,463,085	\$80,149	\$489,127	\$3,556	\$62,575
dp ad accum dep co	Total Expenses	\$180,768,441	\$96,689,409	\$27,556,310	\$52,648,969	\$384,063	\$2,840,903	\$21,491	\$627,296
	Direct Allocation	\$11,948	\$0	\$0	\$0	\$11,948	\$0	\$0	\$0
	Allocated Net Income (NI)	\$43,000,245	\$21,080,274	\$6,024,028	\$14,895,755	\$126,162	\$769,930	\$5,597	\$98,499
	Revenue Requirement (includes NI)	\$223,780,634	\$117,769,683	\$33,580,338	\$67,544,724	\$522,174	\$3,610,833	\$27,088	\$725,795
	Revenue Requirement Input equals Output								
COP	Rate Base Calculation								
	Net Assets								
	Distribution Plant - Gross	\$1,413,252,474	\$710,651,759	\$196,674,331	\$472,780,836	\$3,681,780	\$25,989,215	\$188,673	\$3,285,879
	General Plant - Gross	\$214,562,031	\$106,371,460	\$29,793,749	\$73,161,321	\$605,026	\$4,086,034	\$29,652	\$514,789
	Accumulated Depreciation	(\$255,221,692)	(\$133,248,682)	(\$36,286,104)	(\$80,639,213)	(\$639,023)	(\$3,876,233)	(\$28,240)	(\$504,196)
COP	Capital Contribution	(\$373,866,181)	(\$193,373,539)	(\$50,425,281)	(\$120,047,357)	(\$807,108)	(\$8,160,141)	(\$58,984)	(\$993,770)
	Total Net Plant	\$998,726,632	\$490,400,998	\$139,756,694	\$345,255,586	\$2,840,674	\$18,038,876	\$131,102	\$2,302,702
	Directly Allocated Net Fixed Assets	\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
	Cost of Power (COP)	\$1,111,266,145	\$360,763,228	\$135,072,332	\$597,225,256	\$9,916,901	\$6,308,498	\$51,380	\$1,928,549
	OM&A Expenses	\$98,111,948	\$54,735,836	\$15,786,869	\$25,517,660	\$165,212	\$1,446,134	\$11,347	\$448,888
COP	Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
	Subtotal	\$1,209,378,459	\$415,499,065	\$150,859,201	\$622,742,916	\$10,082,479	\$7,754,633	\$62,728	\$2,377,438
	Working Capital	\$157,219,200	\$54,014,878	\$19,611,696	\$80,956,579	\$1,310,722	\$1,008,102	\$8,155	\$309,067
	Total Rate Base	\$1,156,020,077	\$544,415,877	\$159,368,390	\$426,212,165	\$4,225,642	\$19,046,978	\$139,256	\$2,611,769
	Rate Base Input equals Output								
COP	Equity Component of Rate Base	\$462,408,031	\$217,766,351	\$63,747,356	\$170,484,866	\$1,690,257	\$7,618,791	\$55,703	\$1,044,707
	Net Income on Allocated Assets	\$43,000,245	\$25,651,727	\$6,155,906	\$10,939,386	(\$38,255)	\$228,901	\$1,142	\$61,438
	Net Income on Direct Allocation Assets	\$3,702	\$0	\$0	\$0	\$3,702	\$0	\$0	\$0
	Net Income	\$43,003,947	\$25,651,727	\$6,155,906	\$10,939,386	(\$34,554)	\$228,901	\$1,142	\$61,438
	RATIOS ANALYSIS								
COP	REVENUE TO EXPENSES STATUS QUO%	100.00%	103.88%	100.39%	94.14%	68.51%	85.02%	83.55%	94.89%
	EXISTING REVENUE MINUS ALLOCATED COSTS	(\$47,717,372)	(\$21,371,602)	(\$7,068,034)	(\$17,659,593)	(\$241,923)	(\$1,187,609)	(\$9,212)	(\$179,399)
	Deficiency Input equals Output								
	STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	\$4,571,453	\$131,878	(\$3,956,369)	(\$164,418)	(\$541,029)	(\$4,455)	(\$37,060)
	RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	11.78%	9.66%	6.42%	-2.04%	3.00%	2.05%	5.88%

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

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$4.60	\$15.00	\$51.30	\$392.73	\$0.62	\$0.79	\$4.06
\$7.60	\$24.21	\$88.84	\$580.76	\$1.14	\$1.47	\$7.39
\$17.22	\$33.68	\$123.24	\$749.00	\$7.43	\$7.64	\$15.01
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

Sheet I6.1 Revenue Worksheet -

Miscellaneous Revenue (RRWF 5. cell F48)	12,816,681
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[illegible]

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Sheet I6.2 Customer Data Worksheet -

		1	2	3	6	7	8	9
ID	Total	Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
Billing Data								
Bad Debt 3 Year Historical Average	BDHA	\$989,281	\$614,527	\$75,442	\$299,313	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$1,015,519	\$657,712	\$75,309	\$282,498			
Number of Bills	CNB	2,625,589	2,126,348	398,148.00	62,049	24	441	1,343.00
Number of Devices							91,460	
Number of Connections (Unmetered)	CCON	35,085					31,757	207
Total Number of Customers	CCA	379,723	338,106	33,179	5,171	2	43	101
Bulk Customer Base	CCB	379,723	338,106	33,179	5,171	2	43	101
Primary Customer Base	CCP	379,722	338,106	33,179	5,171	1	43	101
Line Transformer Customer Base	CCLT	379,368	338,106	33,179	4,818		43	101
Secondary Customer Base	CCS	326,638	326,537					101
Weighted - Services	CWCS	326,537	326,537	-	-	-	-	-
Weighted Meter -Capital	CWMC	100,005,526	65,966,340	21,095,206	12,889,981	54,000	-	-
Weighted Meter Reading	CWMR	3,945,513	2,331,729	428,475	1,183,001	2,309	-	-
Weighted Bills	CWNB	3,395,601	2,126,348	796,296	434,345	360	882	134

Bad Debt Data

Historic Year:	2011	1,043,927	676,110	77,416	290,401			
Historic Year:	2012	938,021	569,210	72,602	296,210			
Historic Year:	2013	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

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Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

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

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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

			1	2	3	6	7	8	9
Rate Base Assets		Total	Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
crev mi	Distribution Revenue at Existing Rates	\$164,308,195	\$89,692,812	\$24,692,287	\$47,043,329	\$264,402	\$2,099,230	\$16,285	\$499,851
	Miscellaneous Revenue (mi)	\$12,816,681	\$7,638,780	\$1,871,678	\$3,019,116	\$15,267	\$210,116	\$1,594	\$60,131
	Miscellaneous Revenue Input equals Output								
	Total Revenue at Existing Rates	\$177,124,876	\$97,331,591	\$26,563,965	\$50,062,445	\$279,670	\$2,309,346	\$17,878	\$559,981
	Factor required to recover deficiency (1 + D)	1.3497							
di cu ad dep INPUT INT	Distribution Revenue at Status Quo Rates	\$221,760,005	\$121,054,694	\$33,326,163	\$63,492,444	\$356,853	\$2,833,244	\$21,979	\$674,628
	Miscellaneous Revenue (mi)	\$12,816,681	\$7,638,780	\$1,871,678	\$3,019,116	\$15,267	\$210,116	\$1,594	\$60,131
	Total Revenue at Status Quo Rates	\$234,576,686	\$128,693,474	\$35,197,841	\$66,511,560	\$372,120	\$3,043,360	\$23,572	\$734,758
	Expenses								
di cu ad dep INPUT INT	Distribution Costs (di)	\$30,562,771	\$14,708,741	\$4,098,023	\$11,036,243	\$87,851	\$552,621	\$4,205	\$75,088
	Customer Related Costs (cu)	\$24,390,313	\$15,937,377	\$4,701,508	\$3,326,534	\$4,512	\$238,925	\$2,097	\$179,359
	General and Administration (ad)	\$44,966,493	\$24,961,180	\$7,166,959	\$11,898,144	\$77,946	\$652,591	\$5,181	\$204,493
	Depreciation and Amortization (dep)	\$53,842,417	\$27,747,033	\$7,733,167	\$17,260,241	\$134,127	\$847,345	\$6,314	\$114,190
	PILs (INPUT)	\$5,195,562	\$2,528,317	\$725,212	\$1,823,298	\$15,380	\$90,490	\$673	\$12,191
	Interest	\$29,467,460	\$14,339,756	\$4,113,153	\$10,341,127	\$87,229	\$513,231	\$3,820	\$69,145
	Total Expenses	\$188,425,017	\$100,222,404	\$28,538,021	\$55,685,587	\$407,045	\$2,895,204	\$22,289	\$654,466
	Direct Allocation	\$11,894	\$0	\$0	\$0	\$11,894	\$0	\$0	\$0
	NI	Allocated Net Income (NI)	\$46,139,775	\$22,453,008	\$6,440,323	\$16,192,006	\$136,582	\$803,611	\$5,981
Revenue Requirement (includes NI)		\$234,576,686	\$122,675,412	\$34,978,344	\$71,877,593	\$555,521	\$3,698,815	\$28,270	\$762,732
Revenue Requirement Input equals Output									
Rate Base Calculation									
dp qb accum dep co	Net Assets								
	Distribution Plant - Gross	\$1,551,118,563	\$776,548,696	\$215,351,825	\$523,679,879	\$4,069,272	\$27,591,063	\$204,994	\$3,672,834
	General Plant - Gross	\$230,234,688	\$113,429,592	\$31,881,560	\$79,423,989	\$653,993	\$4,250,286	\$31,560	\$563,707
	Accumulated Depreciation	(\$308,389,690)	(\$160,220,094)	(\$43,738,439)	(\$98,412,319)	(\$775,592)	(\$4,582,157)	(\$34,205)	(\$626,884)
	Capital Contribution	(\$396,251,289)	(\$204,956,456)	(\$53,341,753)	(\$127,605,685)	(\$850,383)	(\$8,365,812)	(\$61,776)	(\$1,069,424)
	Total Net Plant	\$1,076,712,271	\$524,801,738	\$150,153,192	\$377,085,865	\$3,097,291	\$18,893,380	\$140,572	\$2,540,234
COP	Directly Allocated Net Fixed Assets	\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0
	Cost of Power (COP)	\$1,158,754,131	\$376,190,859	\$140,587,852	\$624,040,767	\$10,297,291	\$5,520,003	\$53,308	\$2,064,050
	OM&A Expenses	\$99,919,578	\$55,607,298	\$15,966,490	\$26,260,921	\$170,309	\$1,444,137	\$11,482	\$458,941
	Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0
	Subtotal	\$1,258,674,074	\$431,798,157	\$156,554,342	\$650,301,688	\$10,467,966	\$6,964,140	\$64,791	\$2,522,991
Working Capital	\$163,627,630	\$56,133,760	\$20,352,064	\$84,539,219	\$1,360,836	\$905,338	\$8,423	\$327,989	
Total Rate Base		\$1,240,414,146	\$580,935,498	\$170,505,257	\$461,625,084	\$4,532,371	\$19,798,718	\$148,995	\$2,868,222
Rate Base Input equals Output									
Equity Component of Rate Base		\$496,165,658	\$232,374,199	\$68,202,103	\$184,650,034	\$1,812,948	\$7,919,487	\$59,598	\$1,147,289
Net Income on Allocated Assets		\$46,139,775	\$28,471,070	\$6,659,820	\$10,825,973	(\$46,819)	\$148,157	\$1,283	\$80,292
Net Income on Direct Allocation Assets		\$3,631	\$0	\$0	\$0	\$3,631	\$0	\$0	\$0
Net Income		\$46,143,406	\$28,471,070	\$6,659,820	\$10,825,973	(\$43,188)	\$148,157	\$1,283	\$80,292
RATIOS ANALYSIS									
REVENUE TO EXPENSES STATUS QUO%		100.00%	104.91%	100.63%	92.53%	66.99%	82.28%	83.38%	96.33%
EXISTING REVENUE MINUS ALLOCATED COSTS		(\$57,451,810)	(\$25,343,821)	(\$8,414,379)	(\$21,815,148)	(\$275,851)	(\$1,389,469)	(\$10,392)	(\$202,751)
Deficiency Input equals Output									
STATUS QUO REVENUE MINUS ALLOCATED COSTS		(\$0)	\$6,018,062	\$219,497	(\$5,366,033)	(\$183,401)	(\$655,454)	(\$4,698)	(\$27,974)
RETURN ON EQUITY COMPONENT OF RATE BASE		9.30%	12.25%	9.76%	5.86%	-2.38%	1.87%	2.15%	7.00%

2018 Cost Allocation Model

EB-2015-0003

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

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$4.57	\$14.89	\$51.09	\$389.46	\$0.62	\$0.79	\$4.01
\$7.47	\$23.77	\$87.23	\$568.20	\$1.13	\$1.46	\$7.27
\$17.28	\$33.48	\$121.83	\$749.14	\$9.69	\$7.87	\$15.15
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

Sheet I6.1 Revenue Worksheet -

Miscellaneous Revenue (RRWF 5. cell F48)	12,938,953
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[illegible]

2019 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	2,671,931	2,165,726	402,737.00	63,363	24	441	1,343.00
Number of Devices							93,098	
Number of Connections (Unmetered)	CCON	35,743					32,326	207
Total Number of Customers	CCA	386,565	344,367	33,561	5,280	2	43	101
Bulk Customer Base	CCB	386,565	344,367	33,561	5,280	2	43	101
Primary Customer Base	CCP	386,564	344,367	33,561	5,280	1	43	101
Line Transformer Customer Base	CCLT	386,210	344,367	33,561	4,927		43	101
Secondary Customer Base	CCS	332,899	332,798					101
Weighted - Services	CWCS	332,798	332,798	-	-	-	-	-
Weighted Meter -Capital	CWMC	101,751,627	67,129,145	21,383,012	13,185,470	54,000	-	-
Weighted Meter Reading	CWMR	3,997,532	2,369,168	433,080	1,192,976	2,309	-	-
Weighted Bills	CWNB	3,454,412	2,165,726	805,474	443,538	360	882	134

Bad Debt Data

Historic Year:	2011	1,043,927	676,110	77,416	290,401			
Historic Year:	2012	938,021	569,210	72,602	296,210			
Historic Year:	2013	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

2019 Cost Allocation Model

EB-2015-0003

Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

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

2019 Cost Allocation Model

EB-2015-0003

Sheet O1 Revenue to Cost Summary Worksheet -

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

Class Revenue, Cost Analysis, and Return on Rate Base

			1	2	3	6	7	8	9	
Rate Base Assets		Total	Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load	
crev mi	Distribution Revenue at Existing Rates	\$165,283,011	\$90,524,165	\$24,736,122	\$47,112,553	\$263,499	\$2,116,796	\$16,284	\$513,592	
	Miscellaneous Revenue (mi)	\$12,938,953	\$7,703,798	\$1,879,928	\$3,062,935	\$15,519	\$213,785	\$1,594	\$61,393	
		Miscellaneous Revenue Input equals Output								
Total Revenue at Existing Rates		\$178,221,964	\$98,227,963	\$26,616,050	\$50,175,488	\$279,018	\$2,330,581	\$17,879	\$574,985	
Factor required to recover deficiency (1 + D)		1.4059								
Distribution Revenue at Status Quo Rates		\$232,369,037	\$127,266,638	\$34,776,163	\$66,234,869	\$370,449	\$2,975,973	\$22,894	\$722,052	
Miscellaneous Revenue (mi)		\$12,938,953	\$7,703,798	\$1,879,928	\$3,062,935	\$15,519	\$213,785	\$1,594	\$61,393	
Total Revenue at Status Quo Rates		\$245,307,991	\$134,970,436	\$36,656,091	\$69,297,804	\$385,968	\$3,189,759	\$24,488	\$783,445	
di cu ad dep INPUT INT	Expenses									
	Distribution Costs (di)	\$31,668,230	\$15,206,276	\$4,239,296	\$11,473,053	\$91,048	\$574,987	\$4,314	\$79,256	
	Customer Related Costs (cu)	\$24,724,372	\$16,170,943	\$4,742,331	\$3,376,530	\$4,464	\$243,269	\$2,098	\$184,737	
	General and Administration (ad)	\$45,801,653	\$25,365,273	\$7,261,308	\$12,209,480	\$79,957	\$669,735	\$5,234	\$210,666	
	Depreciation and Amortization (dep)	\$56,701,044	\$29,096,833	\$8,129,218	\$18,305,384	\$141,729	\$898,373	\$6,605	\$122,901	
	PILs (INPUT)	\$6,311,341	\$3,056,633	\$877,175	\$2,231,475	\$18,714	\$111,315	\$818	\$15,210	
	Interest	\$31,214,401	\$15,117,385	\$4,338,302	\$11,036,350	\$92,555	\$550,539	\$4,044	\$75,226	
	Total Expenses	\$196,421,040	\$104,013,345	\$29,587,631	\$58,632,271	\$428,467	\$3,048,219	\$23,113	\$687,996	
	Direct Allocation		\$11,837	\$0	\$0	\$0	\$11,837	\$0	\$0	\$0
NI	Allocated Net Income (NI)	\$48,875,113	\$23,670,611	\$6,792,859	\$17,280,576	\$144,921	\$862,028	\$6,331	\$117,788	
	Revenue Requirement (includes NI)	\$245,307,991	\$127,683,955	\$36,380,489	\$75,912,847	\$585,224	\$3,910,246	\$29,444	\$805,784	
	Revenue Requirement Input equals Output									
Rate Base Calculation										
dp ad accum dep co	Net Assets									
	Distribution Plant - Gross	\$1,685,741,646	\$841,401,392	\$233,403,454	\$572,040,185	\$4,428,145	\$30,171,511	\$221,100	\$4,075,859	
	General Plant - Gross	\$244,492,731	\$119,915,318	\$33,742,159	\$84,941,156	\$695,616	\$4,552,464	\$33,347	\$612,670	
	Accumulated Depreciation	(\$364,505,131)	(\$188,534,831)	(\$51,581,896)	(\$117,168,796)	(\$919,084)	(\$5,497,931)	(\$40,454)	(\$762,141)	
	Capital Contribution	(\$419,076,180)	(\$216,620,216)	(\$56,312,458)	(\$135,159,960)	(\$894,174)	(\$8,874,356)	(\$64,560)	(\$1,150,457)	
	Total Net Plant	\$1,146,653,665	\$556,161,663	\$159,251,260	\$404,652,584	\$3,310,504	\$20,351,688	\$149,433	\$2,775,932	
Directly Allocated Net Fixed Assets		\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0	
COP	Cost of Power (COP)	\$1,184,079,615	\$382,709,027	\$143,743,214	\$639,567,726	\$10,505,612	\$5,350,704	\$53,039	\$2,150,293	
	OM&A Expenses	\$102,194,255	\$56,742,493	\$16,242,935	\$27,059,062	\$175,469	\$1,487,991	\$11,647	\$474,658	
	Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0	
	Subtotal	\$1,286,274,237	\$439,451,520	\$159,986,150	\$666,626,788	\$10,681,447	\$6,838,695	\$64,686	\$2,624,951	
	Working Capital	\$167,215,651	\$57,128,698	\$20,798,199	\$86,661,482	\$1,388,588	\$889,030	\$8,409	\$341,244	
	Total Rate Base	\$1,313,942,961	\$613,290,361	\$180,049,459	\$491,314,067	\$4,773,337	\$21,240,719	\$157,843	\$3,117,176	
			Rate Base Input equals Output							
Equity Component of Rate Base		\$525,577,184	\$245,316,144	\$72,019,784	\$196,525,627	\$1,909,335	\$8,496,287	\$63,137	\$1,246,870	
Net Income on Allocated Assets		\$48,875,113	\$30,957,091	\$7,068,460	\$10,665,533	(\$54,335)	\$141,540	\$1,376	\$95,449	
Net Income on Direct Allocation Assets		\$3,565	\$0	\$0	\$0	\$3,565	\$0	\$0	\$0	
Net Income		\$48,878,678	\$30,957,091	\$7,068,460	\$10,665,533	(\$50,770)	\$141,540	\$1,376	\$95,449	
RATIOS ANALYSIS										
REVENUE TO EXPENSES STATUS QUO%		100.00%	105.71%	100.76%	91.29%	65.95%	81.57%	83.17%	97.23%	
EXISTING REVENUE MINUS ALLOCATED COSTS		(\$67,086,026)	(\$29,455,992)	(\$9,764,439)	(\$25,737,359)	(\$306,206)	(\$1,579,665)	(\$11,565)	(\$230,799)	
		Deficiency Input equals Output								
STATUS QUO REVENUE MINUS ALLOCATED COSTS		\$0	\$7,286,480	\$275,601	(\$6,615,043)	(\$199,256)	(\$720,487)	(\$4,956)	(\$22,339)	
RETURN ON EQUITY COMPONENT OF RATE BASE		9.30%	12.62%	9.81%	5.43%	-2.66%	1.67%	2.18%	7.66%	

2019 Cost Allocation Model

EB-2015-0003

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

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$4.57	\$14.92	\$51.22	\$389.06	\$0.62	\$0.79	\$4.02
\$7.42	\$23.62	\$86.57	\$561.38	\$1.13	\$1.45	\$7.25
\$17.42	\$33.58	\$121.87	\$774.49	\$10.06	\$8.08	\$15.37
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01

Sheet I6.1 Revenue Worksheet -

Miscellaneous Revenue (RRWF 5. cell F48)	13,069,086
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[illegible]

2020 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	2,719,456	2,205,997	407,428.00	64,709	24	441	1,343.00
Number of Devices							94,770	
Number of Connections (Unmetered)	CCON	36,425					32,906	207
Total Number of Customers	CCA	393,574	350,771	33,952	5,392	2	43	101
Bulk Customer Base	CCB	393,574	350,771	33,952	5,392	2	43	101
Primary Customer Base	CCP	393,573	350,771	33,952	5,392	1	43	101
Line Transformer Customer Base	CCLT	393,219	350,771	33,952	5,039		43	101
Secondary Customer Base	CCS	339,303	339,202					101
Weighted - Services	CWCS	339,202	339,202	-	-	-	-	-
Weighted Meter -Capital	CWMC	103,539,200	68,318,509	21,677,599	13,489,092	54,000	-	-
Weighted Meter Reading	CWMR	4,050,667	2,407,458	437,787	1,203,114	2,309	-	-
Weighted Bills	CWNB	3,514,706	2,205,997	814,856	452,963	360	882	134

Bad Debt Data

Historic Year:	2011	1,043,927	676,110	77,416	290,401			
Historic Year:	2012	938,021	569,210	72,602	296,210			
Historic Year:	2013	985,895	598,261	76,307	311,328			
Three-year average		989,281	614,527	75,442	299,313	-	-	-

2020 Cost Allocation Model

EB-2015-0003

Sheet 18 Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

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

2020 Cost Allocation Model

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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

			1	2	3	6	7	8	9	
Rate Base Assets		Total	Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load	
crev mi	Distribution Revenue at Existing Rates	\$166,318,900	\$91,320,209	\$24,817,227	\$47,242,131	\$262,603	\$2,131,874	\$16,284	\$528,571	
	Miscellaneous Revenue (mi)	\$13,069,086	\$7,772,989	\$1,891,564	\$3,106,853	\$15,739	\$217,463	\$1,595	\$62,882	
	Miscellaneous Revenue Input equals Output									
	Total Revenue at Existing Rates	\$179,387,985	\$99,093,198	\$26,708,791	\$50,348,984	\$278,343	\$2,349,337	\$17,879	\$591,453	
	Factor required to recover deficiency (1 + D)	1.4549								
	Distribution Revenue at Status Quo Rates	\$241,969,238	\$132,857,309	\$36,105,371	\$68,730,268	\$382,049	\$3,101,559	\$23,691	\$768,992	
	Miscellaneous Revenue (mi)	\$13,069,086	\$7,772,989	\$1,891,564	\$3,106,853	\$15,739	\$217,463	\$1,595	\$62,882	
	Total Revenue at Status Quo Rates	\$255,038,323	\$140,630,298	\$37,996,934	\$71,837,121	\$397,788	\$3,319,022	\$25,286	\$831,874	
di cu ad dep INPUT INT	Expenses									
	Distribution Costs (di)	\$32,680,032	\$15,644,861	\$4,374,312	\$11,883,118	\$93,844	\$596,041	\$4,409	\$83,447	
	Customer Related Costs (cu)	\$25,137,393	\$16,456,497	\$4,798,978	\$3,436,904	\$4,455	\$247,648	\$2,100	\$190,812	
	General and Administration (ad)	\$46,375,655	\$25,626,070	\$7,324,498	\$12,440,282	\$81,241	\$682,132	\$5,248	\$216,183	
	Depreciation and Amortization (dep)	\$59,839,114	\$30,604,793	\$8,577,312	\$19,414,863	\$149,408	\$953,327	\$6,912	\$132,499	
	PILs (INPUT)	\$6,565,448	\$3,164,959	\$910,649	\$2,336,282	\$19,448	\$117,023	\$848	\$16,239	
	Interest	\$32,905,668	\$15,862,601	\$4,564,126	\$11,709,317	\$97,475	\$586,512	\$4,250	\$81,387	
	Total Expenses	\$203,503,309	\$107,359,782	\$30,549,875	\$61,220,766	\$445,870	\$3,182,683	\$23,767	\$720,566	
	Direct Allocation	\$11,736	\$0	\$0	\$0	\$11,736	\$0	\$0	\$0	
	NI	Allocated Net Income (NI)	\$51,523,278	\$24,837,460	\$7,146,450	\$18,334,301	\$152,625	\$918,353	\$6,654	\$127,436
Revenue Requirement (includes NI)		\$255,038,323	\$132,197,242	\$37,696,325	\$79,555,066	\$610,231	\$4,101,036	\$30,421	\$848,002	
Revenue Requirement Input equals Output										
Rate Base Calculation										
dp ap accum dep co	Net Assets									
	Distribution Plant - Gross	\$1,820,880,640	\$905,900,144	\$251,923,560	\$620,790,895	\$4,777,008	\$32,755,620	\$236,708	\$4,496,705	
	General Plant - Gross	\$260,610,090	\$127,235,131	\$35,919,227	\$91,122,198	\$740,909	\$4,888,807	\$35,319	\$668,500	
	Accumulated Depreciation	(\$423,742,783)	(\$218,144,439)	(\$59,930,991)	(\$137,171,338)	(\$1,069,209)	(\$6,469,497)	(\$46,925)	(\$910,385)	
	Capital Contribution	(\$442,646,048)	(\$228,425,726)	(\$59,472,894)	(\$143,105,989)	(\$938,292)	(\$9,398,068)	(\$67,358)	(\$1,237,722)	
	Total Net Plant	\$1,215,101,898	\$586,565,109	\$168,438,902	\$431,635,767	\$3,510,415	\$21,776,862	\$157,744	\$3,017,099	
COP	Directly Allocated Net Fixed Assets	\$74,245	\$0	\$0	\$0	\$74,245	\$0	\$0	\$0	
	Cost of Power (COP)	\$1,203,134,336	\$388,122,211	\$146,033,301	\$650,678,690	\$10,624,334	\$5,373,240	\$54,041	\$2,248,519	
	OM&A Expenses	\$104,193,079	\$57,727,429	\$16,497,788	\$27,760,304	\$179,540	\$1,525,821	\$11,757	\$490,441	
	Directly Allocated Expenses	\$366	\$0	\$0	\$0	\$366	\$0	\$0	\$0	
	Subtotal	\$1,307,327,781	\$445,849,640	\$162,531,089	\$678,438,994	\$10,804,239	\$6,899,061	\$65,798	\$2,738,960	
	Working Capital	\$169,952,612	\$57,960,453	\$21,129,042	\$88,197,069	\$1,404,551	\$896,878	\$8,554	\$356,065	
	Total Rate Base	\$1,385,128,755	\$644,525,563	\$189,567,944	\$519,832,836	\$4,989,212	\$22,673,740	\$166,298	\$3,373,164	
	Rate Base Input equals Output									
	Equity Component of Rate Base	\$554,051,502	\$257,810,225	\$75,827,177	\$207,933,134	\$1,995,685	\$9,069,496	\$66,519	\$1,349,266	
	Net Income on Allocated Assets	\$51,523,278	\$33,270,516	\$7,447,059	\$10,616,355	(\$59,818)	\$136,339	\$1,519	\$111,308	
Net Income on Direct Allocation Assets	\$3,511	\$0	\$0	\$0	\$3,511	\$0	\$0	\$0		
Net Income	\$51,526,790	\$33,270,516	\$7,447,059	\$10,616,355	(\$56,307)	\$136,339	\$1,519	\$111,308		
RATIOS ANALYSIS										
REVENUE TO EXPENSES STATUS QUO%	100.00%	106.38%	100.80%	90.30%	65.19%	80.93%	83.12%	98.10%		
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$75,650,338)	(\$33,104,043)	(\$10,987,534)	(\$29,206,082)	(\$331,888)	(\$1,751,699)	(\$12,542)	(\$256,549)		
Deficiency Input equals Output										
STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	\$8,433,056	\$300,609	(\$7,717,946)	(\$212,443)	(\$782,014)	(\$5,135)	(\$16,128)		
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	12.91%	9.82%	5.11%	-2.82%	1.50%	2.28%	8.25%		

2020 Cost Allocation Model

EB-2015-0003

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

Output sheet showing minimum and maximum level for
Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	6	7	8	9
Residential	GS<50	GS>50	Large User	Street Light	Sentinel	Unmetered Scattered Load
\$4.61	\$15.05	\$51.79	\$393.43	\$0.62	\$0.79	\$4.02
\$7.40	\$23.60	\$86.43	\$561.27	\$1.12	\$1.44	\$7.22
\$17.55	\$33.73	\$122.11	\$798.12	\$10.36	\$8.23	\$15.51
\$12.67	\$26.08	\$138.48	\$5,966.29	\$1.26	\$3.41	\$7.01