

June 2, 2016
Ontario Energy Board P.O.
Box 2319 27th Floor
2300 Yonge Street Toronto,
Ontario M4P 1 E4

Attention: Ms. Kirsten Walli, Board Secretary
Regarding: EB-2014-0105 2016 Cost of Service Application
Draft Rate Order

Dear Ms. Walli,

Ottawa River Power Corporation ("ORPC") acknowledges receipt of the Ontario Energy Board's Decision and Order dated May 12, 2016 and thus submits it's Draft Rate Order for 2016 Distribution Rates effective July 1, 2016. This Draft Rate Order contains the following components.

- Summary of Draft Rate Order
- Appendices A through K
 - Appendix A - Tariff of Rates and Charges
 - Appendix B - Bill Impacts
 - Appendix C – Schedule EC
 - Appendix D - Summary of OM&A
 - Appendix E - Pass-Through Charges
 - Appendix F - Calculation of Deferral and Variance Rate Rider
 - Appendix G - LRAM calculations
 - Appendix H - Stranded Meter Rate Rider calculations
 - Appendix I - Final Load Forecast
 - Appendix J - Cost Allocation
 - Appendix K - Rate Design

Excel versions of;

- EB-2014-0105 2016 ORPC RTSR_Model_20160602
- EB-2014-0105 2016 ORPC Cost_Allocation_Model_20160602
- EB-20 14-0105 2016 ORPC EDDVAR_Continuity_Schedule_20160602
- EB-20 14-0105 2016 ORPC Filing_Requirements_Chapter2_Appendices_20160602
- EB-2014-0105 2016 ORPC LRAMVA_20160602
- EB-20 14-0105 2016 ORPC PI Ls_Workform_20160602
- EB-2014-0105 2016 ORPC Rev Reqt Work Form_20160602
- EB-20 14-0105 2016 ORPC Load Forecast_Wholesale_20160602
- EB-2014-0105 2016 ORPC Bill Impact Workbook_20160602
- EB-2014-0105 2016 ORPC Fixed Asset Continuity Schedules_20160602

This document is being filed pursuant to the Board's e-Filing Services. In order to reduce the carbon footprint, hard copies of these documents will be provided upon request.

Should there be any questions, please do not hesitate to contact Ms. Jane Donnelly at the contact information provided below.

Yours truly,

Yours truly,

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OTTAWA RIVER POWER CORPORATION ("ORPC")

APPLICATION FOR APPROVAL OF 2016 ELECTRICITY

DISTRIBUTION RATES

EB-2014-0105

DRAFT RATE ORDER

Filed: May 20, 2016

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Introduction

Ottawa River Power Corporation ("ORPC") filed a cost of service application with the Ontario Energy Board (the "OEB") on October 5, 2015 under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B) (the "Act"), seeking approval for changes to the rates that ORPC charges for electricity distribution, to be effective May 1, 2016 (OEB File Number EB-20 14-0105) (the "Application").

ORPC issued a Notice of Hearing (Notice) to customers on November 12, 2015. In Procedural Order No. 1, dated December 15, 2015, the OEB approved each of VECC and SEC for intervenor status as well as prescribing dates for the following: written interrogatories from OEB staff, VECC and SEC; ORPC's responses to interrogatories; a Settlement Conference; a Presentation Day (wherein ORPC was to, among other things, present a summary of the settlement proposal, inclusive of any salient facts, to the OEB, OEB staff and intervenors); and various other elements in the proceeding.

Following the receipt of interrogatories from OEB staff and the Intervenors, ORPC filed its interrogatory responses with the OEB on January 28, 2016.

On February 2, 2016, OEB staff submitted a proposed issues list as agreed to by the parties. On February 4, 2016, the OEB issued its decision on the proposed issues list (the "Issues List Decision"). The Issues List Decision attached a Schedule A, being the Approved Issues List (the "Issues List").

Further to the OEB's Procedural Order No. 1 and its Issues List Decision, a settlement conference was convened on February 9 and 10, 2016 in accordance with the OEB's *Rules of Practice and Procedure* (the "Rules") and the OEB's *Practice Direction on Settlement Conferences* (the "Practice Direction"). School Energy Coalition ("SEC"); and Vulnerable Energy Consumers Coalition ("VECC") participated in the settlement conference. The Settlement Proposal was filed on March 2, 2016. For the purpose of this Draft Rate Order, ORPC and the Intervenors are collectively referred to below as the "Parties".

The settlement proposal covered all but one issue. The parties did not agree on the interest rate applicable to the long-term debt Ottawa River Power has with its four shareholders (the affiliate debt).

In its Decision and Order issued on May 12, 2016, The OEB found that the affiliate debt has a variable interest rate. As a result, the OEB's current deemed interest rate on long-term debt of 4.54% was be used to calculate Ottawa River Power's cost of capital.

In the following Draft Rate Order Ottawa River Power presents a brief review of Board's decision and

how the utility has complied and implemented the Board's rulings.

All excel versions of the supporting models are being filed in conjunction with this draft rate order.

The summary follows the same format as the settlement agreement and decision.

The Issues

- 1) Capital Planning and Rate Base
- 2) Revenue Requirement
- 3) Load Forecast, Cost Allocation and Rate Design
- 4) Accounting
- 5) Other;

1) Capital Planning and Rate Base

As part of the Settlement Agreement, the Parties accepted ORPC's evidence that the level of planned capital expenditures for 2016 was appropriate and that the rationale for planning and pacing choices was adequately explained. ORPC therefore accepts the Board Approved capital expenditures of \$1,245,950. The resulting Rate Base of \$11,802,284 is shown in table 3 below. ORPC also accepts the Board Approved depreciation expense of \$879,986 adjusted to remove the fully allocated depreciation of \$140,000 resulting in a depreciation expense of \$739,929.

Table 1 —2016 Board Approved Capital Additions and Depreciation Expenses

	Application Aug 28 2015	Interrogatories Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
Gross Assets				
2016 Gross Open Bal	\$29,997,439	\$29,997,439	\$29,642,153	\$29,642,153
2016 Additions	\$1,245,950	\$1,245,950	\$1,245,950	\$1,245,950
2016 Disp/Ret	\$0	\$0		
2016 Gross Close Bal	\$31,243,389	\$31,243,389	\$30,888,103	\$30,888,103
Accumulated Depreciation				
2016 Open Bal	-\$19,868,782	-\$19,868,782	-\$20,099,663	-\$20,099,663
2016 Additions	-\$889,676	-\$889,676	-\$879,985	-\$879,985
2016 Disp/Ret	\$0	\$0	\$0	\$0
2016 Close Bal	-\$20,758,458	-\$20,758,458	-\$20,979,648	-\$20,979,648
Adj for Fully Allocated Depreciation	\$140,056	\$140,056	\$140,056	\$140,056
Net Depreciation Expense	-\$749,620	-\$749,620	-\$739,929	-\$739,929

Table 2-2016 Rate Base Calculation

Particulars	Application Aug 28 2015	Interrogatories Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
Gross Fixed Assets (avg)	\$30,620,414	\$30,620,414	\$30,265,128	\$30,265,128
Accumulated Depreciation (avg)	-\$20,313,620	-\$20,313,620	-\$20,539,657	-\$20,539,657
Net Fixed Assets (avg)	\$10,306,794	\$10,306,794	\$9,725,471	\$9,725,471
Allowance for Working Capital	\$2,017,328	\$2,069,327	\$2,076,813	\$2,076,813
Total Rate Base	\$12,324,122	\$12,376,120	\$11,802,284	\$11,802,284

ORPC accepts the Board Approved rate of 7.5% for determining its Working Capital Allowance ("WCA"). The proposed Working Capital Allowance is in the amount of \$2,076,813.

Table 3-2016 Working Capital Allowance Calculation

Particulars	Application Aug 28 2015	Interrogatories Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
Controllable Expenses	\$3,294,964	\$3,294,964	3,064,964	3,064,964
Cost of Power	\$23,602,740	\$24,296,056	24,625,876	24,625,876
Working Capital Base	\$26,897,704	\$27,591,020	\$27,690,840	\$27,690,840
Working Capital Rate %	7.50%	7.50%	7.50%	7.50%
Working Capital Allowance	\$2,017,328	\$2,069,327	\$2,076,813	\$2,076,813

2) Revenue Requirement

As part of the Settlement Agreement, the Parties accepted that all elements of the Base Revenue Requirement, (with the exception of cost of affiliate debt,) had been correctly determined in accordance with OEB policies and practices. The Cost of affiliate debt was determined through an oral hearing and the OEB's findings communicated in the May 12, 2016 Decision and Order.

a) OM&A:

As part of the Settlement Agreement the Parties accepted ORPC's evidence that the OM&A expenditures in the amount of \$3,064,964 was appropriate.

Table 4-2016 OM&A

	Application Aug 28 2015	IRs Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
Operations	\$630,467	\$630,467	\$572,467	\$572,467
Maintenance	\$802,123	\$802,123	\$728,123	\$728,123
Billing and Collecting	\$733,000	\$733,000	\$733,000	\$733,000
Community Relations	\$67,000	\$67,000	\$67,000	\$67,000
A&G + LEAP	\$1,062,375	\$1,062,375	\$964,375	\$964,375
Total	\$3,294,964	\$3,294,964	\$3,064,964	\$3,064,964

All Parties also agreed that ORPC's depreciation expense of \$739,929 was appropriate.

b) Cost of Capital:

As summarized in the Board's decision, the settlement agreement was a settlement of all issues except the interest rate for ORPC's long-term affiliate debt. In its Decision, the Board stated that it would not allow Ottawa River Power to recover 7.25% from customers for long-term debt in 2016 because it is significantly more than current market rates. In compliance with the OEB's decision, the utility has applied the Board prescribed long term debt rate of 4.54% for the purpose of calculating its capital structure and rate of return. The revised Capital Structure is shown below.

Table 5-2016 Cost of Capital

Particulars	Application Aug 28 2015	Interrogatories Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
Debt				
Long-term debt (rate)	7.25%	7.25%	7.25%	4.54%
Short-term debt (rate)	2.09%	1.65%	1.65%	1.65%
Deemed Interest Expense	\$510,564	\$510,639	\$486,962	\$307,851
Equity (rate)	8.89%	9.19%	9.19%	9.19%
Return on Deemed Equity	\$442,682	\$454,946	\$433,852	\$433,852
WACC	7.73%	7.80%	7.80%	6.28%

The resulting Revenue Requirement is shown in the table below.

Table 6-2016 Revenue Requirement

	Application Aug 28 2015	Interrogatories Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
OM&A Expenses	\$3,294,964	\$3,294,964	\$3,064,964	\$3,064,964
Amortization/Depreciation	\$749,620	\$749,620	\$739,929	\$739,929
Property Taxes	\$0	\$0	\$0	\$0
Capital Taxes	\$0	\$0	\$0	\$0
Income Taxes (Grossed up)	\$90,372	\$90,137	\$84,883	\$84,883
Other Expenses	\$0	\$0	\$0	\$0
Return				
Deemed Interest Expense	\$510,564	\$510,639	\$486,962	\$307,851
Return on Deemed Equity	\$442,682	\$454,946	\$433,852	\$433,852
Service Revenue Requirement (before Revenues)	\$5,088,203	\$5,100,306	\$4,810,590	\$4,631,479
Revenue Offsets	\$284,010	\$284,010	\$284,010	\$284,010
Base Revenue Requirement	\$4,804,193	\$4,816,296	\$4,526,580	\$4,347,469
Gross Revenue Deficiency/Sufficiency	\$674,940	\$691,073	\$486,753	\$307,641

3)

Load Forecast, Cost Allocation and Rate Design

a) Customer Count Forecast

As part of the Settlement Agreement, the Parties accepted the customer count of 13,956 as being appropriate. The rates filed in conjunction with this draft rate order reflects the approved customer count.

b) Load Forecast

As part of the Settlement Agreement, the Parties accepted the load forecast methodology (prior to any CDM adjustments) as being appropriate.

The approved load forecast is based on a weather adjusted and CDM adjusted load of 187,436,014 kWh, 215,408 kW and a year-end customer count of 13,956.

ORPC has updated its rate design calculation to reflect the decision. Appendix I show the details of the CDM adjustments while Appendix J shows the final CDM adjusted load forecast.

Table 7-2016 Load Forecast

Particulars	Application Aug 28 2015	IRs Jan 28 2016	Settlement Proposal Mar 2 2016	Decision and Order May 12 2016
Residential				
# of Customers	9,463	9,463	9,463	9,463
kWh	81,190,920	77,245,367	76,966,389	76,966,389
General Service < 50 kW				
# of Customers	1,281	1,281	1,281	1,281
kWh	32,329,405	34,421,978	34,297,661	34,297,661
General Service > 50 kW - 4999 kW				
# of Customers	148	148	148	148
kWh	70,929,970	71,194,283	74,077,571	74,077,571
kW	195,150	195,878	210,853	210,853
Sentinel Lighting				
# of Customers	195	195	195	195
kWh	240,210	241,105	250,870	250,870
kW	685	687	715	715
Streetlighting				
# of Customers	2,849	2,849	2,849	2,849
kWh	1,250,197	1,254,856	1,379,313	1,379,313
kW	3,481	3,494	3,840	3,840
Unmetered Scattered Load				
# of Customers	20	20	20	20
kWh	444,487	446,143	464,212	464,212
Totals				
Customers / Connections	13,956	13,956	13,956	13,956
KWh	186,385,189	184,803,733	187,436,014	187,436,014
kW from applicable classes	199,316	200,059	215,408	215,408

c) Cost Allocation and Rate Design

As part of the Settlement Agreement, ORPC agreed to balance its revenue requirement across customer classes by using the OEB's standard methodology: that is by moving the revenue to cost ratios to the edge of the OEB range, if outside of the range, and then beginning with the lowest revenue to cost ratios, as determined by the cost allocation model, and increasing it until it matches the next lowest revenue to cost ratio, then continuing to increase each in this manner until the revenue requirement is balanced. The following Table sets out the results of the Cost Allocation model following the update to the Revenue Requirement.

ORPC is filing its revised Cost Allocation model in conjunction with this Draft Rate Order. Details of the revised Revenue to Cost Ratio can be found at Appendix K and details of the Rate Design can be found at Appendix L.

Table 8-2016 Revenue to Cost Ratio

Customer Class Name	Original Applications			Interrogatories		
	Calculated R/C Ratio (CA model)	Proposed R/C Ratio	Variance	Calculated R/C Ratio	Proposed R/C Ratio	Variance
Residential	0.95	0.97	-0.02	0.92	0.95	-0.03
General Service < 50 kW	1.04	1.04	0.00	1.15	1.15	0.00
General Service > 50 to 4999 kW	1.17	1.10	0.07	1.18	1.05	0.13
Sentinel Lighting	0.85	0.85	0.00	0.76	0.80	-0.04
Streetlights	0.95	0.95	0.01	0.98	0.98	0.00
Unmetered Scattered Load	0.43	0.60	-0.17	0.54	0.80	-0.26

Customer Class Name	Settlement Proposal Mar 2 2016			Decision and Order May 12 2016		
	Calculated R/C Ratio (CA model)	Calculated R/C Ratio	Variance	Calculated R/C Ratio	Proposed R/C Ratio	Variance
Residential	0.92	0.92	0.92	0.92	0.92	0.00
General Service < 50 kW	1.16	1.16	1.16	1.12	1.12	0.00
General Service > 50 to 4999 kW	1.16	1.17	1.17	1.17	1.17	0.00
Sentinel Lighting	0.77	0.77	0.80	0.77	0.80	-0.03
Streetlights	1.23	1.23	1.20	1.23	1.20	-0.03
Unmetered Scattered Load	0.52	0.52	0.80	0.54	0.80	-0.26

Table 9- Proposed 2016 Distribution Charges

Rate Design - Original Application		Application Aug 28 2015		Settlement Proposal Mar 2 2016		Decision and Order May 12 2016	
Customer Class Name	per	Fixed Rate	Variable Rate	Fixed Rate	Variable Rate	Fixed Rate	Variable Rate
Residential	kWh	\$18.05	\$0.0114	\$14.59	\$0.0135	\$14.02	\$0.0129
General Service < 50 kW	kWh	\$27.35	\$0.0125	\$22.97	\$0.0131	\$22.97	\$0.0121
General Service > 50 to 4999 kW	kW	\$378.72	\$1.1140	\$86.14	\$3.5656	\$82.85	\$3.4316
Sentinel Lighting	kW	\$3.58	\$10.8722	\$3.00	\$9.3167	\$2.84	\$8.9937
Streetlights	kW	\$2.61	\$13.9024	\$2.41	\$13.2071	\$2.35	\$12.6081
Unmetered Scattered Load	kWh	\$6.20	\$0.0059	\$10.85	\$0.0037	\$10.36	\$0.0033

Table 9A- Cost Allocation Minimums and Maximums

Rate Design - Original Application		Application Aug 28 2015		Settlement Proposal Mar 2 2016		Decision and Order May 12 2016	
		Cost Allocation - Minimum Fixed Rate	Cost Allocation - Maximun Fixed Rate	Cost Allocation - Minimum Fixed Rate	Cost Allocation - Maximun Fixed Rate	Cost Allocation - Minimum Fixed Rate	Cost Allocation - Minimum Fixed Rate
Residential	kWh	\$6.96	\$19.59	\$6.85	\$18.46	\$6.77	\$18.05
General Service < 50 kW	kWh	\$10.14	\$28.40	\$7.02	\$22.97	\$6.93	\$20.85
General Service > 50 to 4999 kW	kW	\$31.87	\$378.72	\$27.32	\$378.72	\$36.27	\$82.85
Sentinel Lighting	kW	\$0.99	\$8.34	\$0.72	\$7.61	\$0.72	\$7.26
Streetlights	kW	\$0.80	\$4.41	\$0.66	\$3.26	\$0.66	\$3.15
Unmetered Scattered Load	kWh	\$7.53	\$18.03	\$2.88	\$10.79	\$2.88	\$10.55

4) Accounting

a) Deferral and Variance Accounts

As part of the Settlement Agreement, the Parties accepted Ottawa River Power's Group 1 and 2 deferral and variance accounts balances, to be disposed over a 2 year period. ORPC notes that the balance for account 1576 which has a Weighted Average Cost of Capital ("WACC") applied to its balance was updated to reflect a 6.28% WACC.

The corresponding rate rider are presented at Appendix F

Table 10— Deferral and Variance Account balances.

LV Variance Account	1550	165,499
Smart Metering Entity Charge Variance Account	1551	(2,211)
RSVA - Wholesale Market Service Charge	1580	(527,866)
RSVA - Retail Transmission Network Charge	1584	(12,007)
RSVA - Retail Transmission Connection Charge	1586	78,507
RSVA - Power (excluding Global Adjustment)	1588	(476,225)
RSVA - Global Adjustment	1589	699,279
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	(442,309)
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	(99,621)
Total of Group 1 Accounts (excluding 1589)		(1,316,232)
Other Regulatory Assets - Sub-Account - Deferred IFRS Transition Costs	1508	30,000
Other Regulatory Assets - Sub-Account - Incremental Capital Charges	1508	0
Total of Group 2 Accounts		30,000
PILs and Tax Variance for 2006 and Subsequent Years - Sub-Account HST/OVAT Input Tax Credits (ITCs)	1592	32,660
Total of Account 1562 and Account 1592		32,660
LRAM Variance Account (Enter dollar amount for each class)	1568	114,214
(Account 1568 - total amount allocated to classes)		114,214
Variance		0
Total of Group 1 Accounts (1550, 1551, 1584, 1586 and 1595)		(312,141)
Total of Account 1580 and 1588 (not allocated to WMPs)		(1,004,091)
Balance of Account 1589 Allocated to Non-WMPs		699,279
Group 2 Accounts - Total balance allocated to each class		30,000
IFRS-CGAAP Transition PP&E Amounts Balance + Return Component	1575	0
Accounting Changes Under CGAAP Balance + Return Component	1576	(147,383)
Total Balance Allocated to each class for Accounts 1575 and 1576		(147,383)

b) Stranded Meters

ORPC accepts Board's approval of recovery of the net book value of \$227,185 of meters removed from service when they were replaced with smart meters. ORPC proposed recovery from all customer classes through stranded meter rate riders ("SMRRs"), over a 2 year period as guided by the Board in its decision. The SMRR is presented below.

Table 11 - Stranded Meter Rate Rider.

Customer Class Name	Net Book Value	% share	Annual \$	Customer	Rate	per month
Residential	\$150,373.94	66.19%	75186.97	9463	\$7.95	\$0.66
General Service < 50 kW	\$76,811.35	33.81%	38405.67	1281	\$29.98	\$2.50
General Service > 50 to 4999 kW						
TOTAL		100.00%				

Total for Recovery			227,185
Recovery Period (years)		2	
Annual Recovery			113,593

6) Other; Foregone Revenue

In its decision, the OEB has indicated that rates are made effective May 1, 2016, and will be implemented July 1, 2016. ORPC has therefore calculated a foregone revenue and rate riders to recover the difference between the effective date of May 1, 2016 and the implementation date of July 1, 2016. The foregone revenue rate rider below was calculated on a monthly basis. ORPC proposes to make the rate rider effective for a period of 2 months.

Table 12— Foregone Revenue Rate Rider.

Foregone Revenue Reconciliation

<i>Monthly Service Charge</i>	New Rate (1)	Existing Rate (2)		Difference	Rate Rider
Residential	\$14.02	\$10.99		\$3.03	\$0.25
General Service < 50 kW	\$22.97	\$22.97		\$0.00	\$0.00
General Service > 50 to 4999 kW	\$82.85	\$378.72		-\$295.87	-\$24.66
Sentinel Ligthing	\$2.84	\$2.60		\$0.24	\$0.02
Streetlights	\$2.35	\$2.22		\$0.13	\$0.01
Unmetered Scattered Load	\$10.36	\$6.25		\$4.11	\$0.34
<i>Distribution Volumetric Rate *</i>	New Rate (1)	Existing Rate (2)		Difference	Rate Rider
Residential	\$0.0129	\$0.0150		-\$0.0021	-\$0.0002
General Service < 50 kW	\$0.0121	\$0.0105		\$0.0016	\$0.0001
General Service > 50 to 4999 kW	\$3.4316	\$0.6489		\$2.7827	\$0.2319
Sentinel Ligthing	\$8.9937	\$7.8817		\$1.1120	\$0.0927
Streetlights	\$12.6081	\$12.1768		\$0.4313	\$0.0359
Unmetered Scattered Load	\$0.0033	\$0.0020		\$0.0013	\$0.0001

Rate Class		Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues from proposed Foregone Rev Rate Rider	Reconciliation			
	Customers/Connections	Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric			Rev at existing Rates	Rev at Proposed Rates	Difference in Rev Requirement	Rev Req to collect
								kWh	kW					
Residential	Customers			9,463.00	76,966,389	-	\$0.2525	-\$0.0002		\$15,253.43	\$2,402,476.27	\$2,585,517.41	\$183,041.14	\$15,253.43
General Service < 50 kW	Customers			1,281.00	34,297,661	-	\$0.0000	\$0.0001		\$4,534.46	\$713,220.28	\$767,633.76	\$54,413.48	\$4,534.46
General Service > 50 to 4999 kW	Customers			148.00	74,077,571	210,853	-\$24.6558		\$0.23	\$5,106.61	\$787,179.30	\$848,458.65	\$61,279.35	\$5,106.61
Sentinel Ligthing	Customers			195.00	250,870	715	\$0.0200		\$0.09	\$113.04	\$11,718.44	\$13,074.95	\$1,356.51	\$113.04
Streetlights	Connections			2,849.00	1,379,313	3,840	\$0.0108		\$0.04	\$508.38	\$122,658.04	\$128,758.63	\$6,100.59	\$508.38
Unmetered Scattered Load	Connections			20.00	464,212	-	\$0.3425	\$0.0001		\$133.10	\$2,428.42	\$4,025.60	\$1,597.18	\$133.10
Total										\$25,649.02	\$4,039,680.74	\$4,347,468.99	\$307,788.25	\$25,649.02

reconciles

APPENDICES

Appendix A - Tariff of Rates and Charges

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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

EB-2014-0105

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to accounts for customers residing in single dwelling units that consist of a detached house, semi detached, duplex, triplex or quadruplex house, or individually metered apartment building. 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

Service Charge	\$	14.02
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Residual Historical Smart Meter Costs – effective until June 30, 2020	\$	1.68
Rate Rider for Recovery of Stranded Meter Assets – effective until June 30, 2018	\$	0.66
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$	0.25
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$/kWh	(0.0002)
Distribution Volumetric Rate	\$/kWh	0.0129
Low Voltage Service Rate	\$/kWh	0.0008
Rate Rider for Disposition of Global Adjustment-Account (2016) – effective until June 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0062
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1550,1551,1584,1586,1595)	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1580,1588)	\$/kWh	(0.0027)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (Group 2)	\$	0.05
Rate Rider for Disposition of Account 1576 – effective until June 30, 2018	\$/kWh	(0.0004)
Rate Rider for Recovery of LRAM Variance Account – effective until June 30, 2018	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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

EB-2014-0105

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

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

In this class:

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;

"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

"household" means the account-holder and any other people living at the account-holder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;

"household income" means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
 (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;
 (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;
 but does not include account-holders in Class E.

\$ (30.00)

Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
 (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;
 but does not include account-holders in Class F.

OESP Credit

\$ (34.00)

Class C

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
 (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;
 but does not include account-holders in Class G.

OESP Credit

\$ (38.00)

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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EB-2014-0105

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

Class D

(a) account-holders with a household income of \$28,000 or less living in a household of five persons;
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;
but does not include account-holders in Class H.
OESP Credit

\$ (42.00)

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (60.00)

Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit

\$ (75.00)

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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EB-2014-0105

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 peak demand is less than or expected to be less than 50 kW. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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	\$	22.97
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Residual Historical Smart Meter Costs – effective until June 30, 2020	\$	4.47
Rate Rider for Recovery of Stranded Meter Assets – effective until June 30, 2018	\$	2.50
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$/kWh	0.0001
Distribution Volumetric Rate	\$/kWh	0.0121
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Disposition of Global Adjustment-Account (2016) – effective until June 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	0.0062
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1550,1551,1584,1586,1595)	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1580,1588)	\$/kWh	(0.0027)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (Group 2)	\$/kWh	0.0001
Rate Rider for Disposition of Account 1576 – effective until June 30, 2018	\$/kWh	(0.0004)
Rate Rider for Recovery of LRAM Variance Account – effective until June 30, 2018	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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

EB-2014-0105

GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to General Service Customers requiring a connection with a connected load equal to or greater than 50 kW but less than 5,000kW. A General Service building is supplied at one service voltage per land parcel. Depending upon the location of the building the supply voltage will be one of the following:

- 120/240 volts 1 phase 3 wire
- 120/208 volts 3 phase 4 wire
- 347/600 volts 3 phase 4 wire

Depending upon the location of the building, primary supplies to transformers and customer owned Sub-Stations will be one of the following as determined by the Distributor:

- 7,200/12,400 volts 3 phase 4 wire
- 44,000 volts 3 phase 3 wire

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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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	\$	82.85
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$	(24.66)
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$/kW	0.2319
Distribution Volumetric Rate	\$/kW	3.4316
Low Voltage Service Rate	\$/kW	0.2787
Rate Rider for Disposition of Global Adjustment-Account (2016) – effective until June 30, 2018 Applicable only for Non-RPP Customers	\$/kW	2.1615
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1550,1551,1584,1586,1595)	\$/kW	(0.2905)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1580,1588)	\$/kW	(0.9410)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (Group 2)	\$/kW	0.0281
Rate Rider for Disposition of Account 1576 – effective until June 30, 2018	\$/kW	(0.1381)
Rate Rider for Recovery of LRAM Variance Account – effective until June 30, 2018	\$/kW	0.1078
Retail Transmission Rate – Network Service Rate	\$/kW	2.2211
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6062

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016

Implementation Date July 1, 2016

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

EB-2014-0105

UNMETERED SCATTERED LOAD

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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	\$	10.36
Distribution Volumetric Rate	\$/kWh	0.0031
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$	0.33
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$/kWh	0.0001
Low Voltage Service Rate	\$/kWh	0.0007
Rate Rider for Disposition of Global Adjustment-Account (2016) – effective until June 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	0.0062
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1550, 1551, 1584, 1586, 1595)	\$/kWh	(0.0008)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1580, 1588)	\$/kWh	(0.0027)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (Group 2)	\$/kWh	0.0001
Rate Rider for Disposition of Account 1576 – effective until June 30, 2018	\$/kWh	(0.0004)
Rate Rider for Recovery of LRAM Variance Account – effective until June 30, 2018	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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approved schedules of Rates, Charges and Loss Factors**

EB-2014-0105

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification is a sub-category of the street lighting load. These customers are billed on a fixed load based on the size of bulb. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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	\$	2.84
Distribution Volumetric Rate	\$/kW	8.9937
Rate Rider for Recovery of Foregone Revenue – effective until Aug 31, 2016	\$	0.02
Rate Rider for Recovery of Foregone Revenue – effective until August 31, 2016	\$/kWh	0.0927
Low Voltage Service Rate	\$/kW	0.0007
Rate Rider for Disposition of Global Adjustment-Account (2016) – effective until June 30, 2018 Applicable only for Non-RPP Customers	\$/kW	2.1587
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1550,1551,1584,1586,1595)	\$/kWh	(0.2901)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1580,1588)	\$/kWh	(0.9398)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective June 30, 2018 (Group 2)	\$/kWh	0.0281
Rate Rider for Disposition of Account 1576 – effective until June 30, 2018	\$/kW	(0.1379)
Rate Rider for Recovery of LRAM Variance Account – effective until June 30, 2018	\$/kW	0.1077
Retail Transmission Rate – Network Service Rate	\$/kW	1.6835
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2678

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016

Implementation Date July 1, 2016

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

EB-2014-0105

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to roadway lighting within the town, and private roadway lighting operation, controlled by photo cells. The consumption for these customers is 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 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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	\$	2.41
Distribution Volumetric Rate	\$/kW	12.0739
Rate Rider for Recovery of Foregone Revenue – effective until July 30, 2016	\$	-24.66
Rate Rider for Recovery of Foregone Revenue – effective until July 30, 2016	\$/kWh	0.0359
Low Voltage Service Rate	\$/kW	0.2155
Rate Rider for Disposition of Global Adjustment-Account (2016) – effective until June 30, 2018		
Applicable only for Non-RPP Customers	\$/kW	2.2099
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1550,1551,1584,1586,1595)	\$/kWh	(0.2970)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective until June 30, 2018 (1580,1588)	\$/kWh	(0.9621)
Rate Rider for Disposition of Deferral/Variance Accounts (2016) – effective June 30, 2018 (Group 2)	\$/kWh	0.0287
Rate Rider for Disposition of Account 1576 – effective until June 30, 2018	\$/kW	(0.1412)
Rate Rider for Recovery of LRAM Variance Account – effective until June 30, 2018	\$/kW	\$0.00
Retail Transmission Rate – Network Service Rate	\$/kW	1.6750
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2418

MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Ottawa River Power Corporation
TARIFF OF RATES AND CHARGES
Effective Date May 1, 2016
Implementation Date July 1, 2016

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EB-2014-0105

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.40
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Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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EB-2014-0105

ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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

Customer Administration

Arrears Certificate	\$	15.00
Account History	\$	15.00
Returned Cheque charge (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	45.00

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	\$	65.00
Disconnect/Reconnect at Meter - after Regular Hours	\$	165.00

Other

Temporary service install and remove – overhead – no transformer	\$	time and materials
Temporary service install and remove – underground – no transformer	\$	time and materials
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35

Ottawa River Power Corporation

TARIFF OF RATES AND CHARGES

Effective Date May 1, 2016
Implementation Date July 1, 2016

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EB-2014-0105

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board, and amendments thereto as approved by the Ontario Energy 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 Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment 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	1.0457
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0396

Appendix B – Bill Impacts

Appendix 2-W

Bill Impacts

Customer Class: Residential

TOU / non-TOU: ☒ TOU

Consumption **206** kWh ☒ May 1 - October 31 ☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge Smart Meter Rate Adder Stranded Meter Rate Rider Smart Meter Disposition Rider	Monthly	\$ 10.99	1	\$ 10.99	\$ 14.02	1	\$ 14.02	\$ 3.03	27.57%
			1	\$ -		1	\$ -	\$ -	-
	Monthly		1	\$ -	\$ 0.66	1	\$ 0.66	\$ 0.66	
			1	\$ -	\$ 1.68	1	\$ 1.68	\$ 1.68	
			1	\$ -		1	\$ -	\$ -	-
Distribution Volumetric Rate Smart Meter Disposition Rider LRAM & SSM Rate Rider	per kWh	\$ 0.0150	206	\$ 3.09	\$ 0.0129	206	\$ 2.66	\$ 0.43	-13.95%
			206	\$ -		206	\$ -	\$ -	-
	per kWh		206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
			206	\$ -		206	\$ -	\$ -	-
Sub-Total A (excluding pass through)			\$ 14.08		\$ 19.02	\$ 4.94	35.09%		
Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.) Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP Rate Rider Calculation for RSVA - Power - Global Adjustment Rate Rider Calculation for Group 2 Accounts Rate Rider Calculation for Accounts 1575 and 1576 Rate Rider Calculation for Accounts 1568 Low Voltage Charges Line Losses on Cost of Power Smart Meter Entity Charge	per kWh		206	\$ -	-\$ 0.0008	206	\$ 0.17	\$ 0.17	
			206	\$ -	-\$ 0.0027	206	\$ 0.55	\$ 0.55	
	per kWh		206	\$ -	\$ 0.0062	206	\$ 1.28	\$ 1.28	
		Monthly		206	\$ 0.0542	1	\$ 0.05	\$ 0.05	
	per kWh		206	\$ -	-\$ 0.0004	206	\$ 0.08	\$ 0.08	
		per kWh		206	\$ -	\$ 0.0003	206	\$ 0.06	\$ 0.06
	per kWh	\$ 0.0011	206	\$ 0.23	\$ 0.0008	206	\$ 0.16	\$ 0.06	-27.27%
	per kWh	\$ 0.1077	8,034	\$ 0.86	\$ 0.1077	9,4142	\$ 1.01	\$ 0.15	17.18%
	per kWh	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
	Sub-Total B - Distribution (includes Sub-Total A)			\$ 15.96		\$ 21.58	\$ 5.62	35.19%	
RTSR - Network RTSR - Line and Transformation Connection	per kWh	\$ 0.0063	214	\$ 1.35	\$ 0.0059	215	\$ 1.27	\$ 0.08	-5.61%
	per kWh	\$ 0.0045	214	\$ 0.96	\$ 0.0045	215	\$ 0.98	\$ 0.01	1.30%
Sub-Total C - Delivery (including Sub-Total B)			\$ 18.27		\$ 23.83	\$ 5.55	30.39%		
Wholesale Market Service Charge (WMSC) Rural and Remote Rate Protection (RRRP) Standard Supply Service Charge OEAP TOU - Off Peak TOU - Mid Peak TOU - On Peak Energy - RPP - Tier 1 Energy - RPP - Tier 2	per kWh	\$ 0.0036	214	\$ 0.77	\$ 0.0036	215	\$ 0.78	\$ 0.00	0.64%
	per kWh	\$ 0.0013	214	\$ 0.28	\$ 0.0013	215	\$ 0.28	\$ 0.00	0.64%
	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
	per kWh	\$ 0.0011	206	\$ 0.23	\$ 0.0011	206	\$ 0.23	\$ -	0.00%
	per kWh	\$ 0.0830	132	\$ 10.94	\$ 0.0830	132	\$ 10.94	\$ -	0.00%
	per kWh	\$ 0.1280	37	\$ 4.75	\$ 0.1280	37	\$ 4.75	\$ -	0.00%
	per kWh	\$ 0.1750	37	\$ 6.49	\$ 0.1750	37	\$ 6.49	\$ -	0.00%
	per kWh	\$ 0.0990	206	\$ 20.39	\$ 0.0990	206	\$ 20.39	\$ -	0.00%
	per kWh	\$ 0.1160	0	\$ -	\$ 0.1160	0	\$ -	\$ -	
	Total Bill on TOU (before Taxes)			\$ 41.98		\$ 47.54	\$ 5.56	13.25%	
	HST	13%	\$ 5.46		13%	\$ 6.18	\$ 0.72	13.25%	
	Total Bill (including HST)			\$ 47.43		\$ 53.72	\$ 6.28	13.25%	
Ontario Clean Energy Benefit ¹			-\$ 4.74		-\$ 5.37	-\$ 0.63	13.29%		
Total Bill on TOU (including OCEB)			\$ 42.69		\$ 48.35	\$ 5.65	13.24%		
Total Bill on RPP (before Taxes)			\$ 40.19		\$ 45.75	\$ 5.56	13.83%		
HST	13%	\$ 5.23		13%	\$ 5.95	\$ 0.72	13.83%		
Total Bill (including HST)			\$ 45.42		\$ 51.70	\$ 6.28	13.83%		
Ontario Clean Energy Benefit ¹			-\$ 4.54		-\$ 5.17	-\$ 0.63	13.88%		
Total Bill on RPP (including OCEB)			\$ 40.88		\$ 46.53	\$ 5.65	13.83%		
Loss Factor (%)		3.90%		4.57%					

¹ Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act, 2010*.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000

GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Appendix 2-W

Bill Impacts

Customer Class: Residential

TOU / non-TOU: ☒ TOU

Consumption **750** kWh ☐ May 1 - October 31 ☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

[illegible]

¹ Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act, 2010*.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000

GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Lighting Classes and USL - 150 kWh and 1 kW, range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W

Bill Impacts

Customer Class: General Service < 50KW

TOU / non-TOU: ☒ TOU

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

☐ May 1 - October 31

☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Charge Unit	\$ 22.97	1	\$ 22.97	\$ 22.97	1	\$ 22.97	\$ -	0.00%
Smart Meter Rate Adder									
Stranded Meter Rate Rider									
Smart Meter Disposition Rider									
	Monthly		1	\$ -		1	\$ -		
	Monthly		1	\$ -	\$ 2.50	1	\$ 2.50	\$ 2.50	
	Monthly		1	\$ -	\$ 4.47	1	\$ 4.47	\$ 4.47	
			1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kWh	\$ 0.0105	2000	\$ 21.00	\$ 0.0121	2000	\$ 24.17	\$ 3.17	15.11%
Smart Meter Disposition Rider	per kWh		2000	\$ -		2000	\$ -	\$ -	
LRAM & SSM Rate Rider	per kWh		2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
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			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$ -	\$ -	
			2000	\$ -		2000	\$		

¹ Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act, 2010*.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100, 250, 500, 800, 1000, 1500, 2000
GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Lighting Classes and USL - 150 kWh an

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix 2-W

Bill Impacts

Customer Class: General Service > 50KW

TOU / non-TOU: ☒ TOU

Consumption kWh ☒ May 1 - October 31 ☐ November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		Current Board-Approved			Proposed			Impact	
	Charge Unit	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 378.72	1	\$ 378.72	\$ 82.85	1	\$ 82.85	-\$ 295.87	-78.12%
Smart Meter Rate Adder			1	\$ -		1	\$ -	\$ -	
Stranded Meter Rate Rider	Monthly		1	\$ -	\$ -	1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
			1	\$ -		1	\$ -	\$ -	
Distribution Volumetric Rate	per kW	\$ 0.6489	100	\$ 64.89	\$ 3.4316	100	\$ 343.16	\$ 278.27	428.84%
Smart Meter Disposition Rider	per kW		100	\$ -		100	\$ -	\$ -	
LRAM & SSM Rate Rider	per kW		100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
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			100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
			100	\$ -		100	\$ -	\$ -	
Sub-Total A (excluding pass through)				\$ 443.61			\$ 426.01	\$ 17.60	-3.97%
Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)	per kW		100	\$ -	\$ 0.2905	100	\$ 29.05	-\$ 29.05	
Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP	per kW		100	\$ -	\$ 0.9410	100	\$ 94.10	-\$ 94.10	
Rate Rider Calculation for RSVA - Power - Global Adjustment	per kWh		100		\$ 2.1615	100	\$ 216.15	\$ 216.15	
Rate Rider Calculation for Group 2 Accounts	per kWh		100		\$ 0.0281	100	\$ 2.81	\$ 2.81	
Rate Rider Calculation for Accounts 1575 and 1576	per kW		100	\$ -	\$ 0.1381	100	\$ 13.81	-\$ 13.81	
Rate Rider Calculation for Accounts 1568	per kW		100	\$ -	\$ 0.1078	100	\$ 10.78	\$ 10.78	
Low Voltage Charges	per kW	\$ 0.3954	100	\$ 39.54	\$ 0.2787	100	\$ 27.87	-\$ 11.67	-29.51%
Line Losses on Cost of Power	per kW	\$ 0.1077	3.9	\$ 0.42	\$ 0.1077	4.57	\$ 0.49	\$ 0.07	17.18%
Smart Meter Entity Charge	per kW	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)				\$ 484.36			\$ 547.95	\$ 63.59	13.13%
RTSR - Network	per kW	\$ 2.3683	104	\$ 246.07	\$ 2.2211	105	\$ 232.26	-\$ 13.81	-5.61%
RTSR - Line and Transformation Connection	per kW	\$ 1.5959	104	\$ 165.81	\$ 1.6062	105	\$ 167.97	\$ 2.15	1.30%
Sub-Total C - Delivery (including Sub-Total B)				\$ 896.24			\$ 948.17	\$ 51.93	5.79%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	104	\$ 0.37	\$ 0.0036	105	\$ 0.38	\$ 0.00	0.64%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	104	\$ 0.14	\$ 0.0013	105	\$ 0.14	\$ 0.00	0.64%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OEPAC	per kWh	\$ 0.0011	100	\$ 0.11	\$ 0.0011	100	\$ 0.11	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0830	64	\$ 5.31	\$ 0.0830	64	\$ 5.31	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1280	18	\$ 2.30	\$ 0.1280	18	\$ 2.30	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1750	18	\$ 3.15	\$ 0.1750	18	\$ 3.15	\$ -	0.00%
Energy - RPP - Tier 1	per kWh	\$ 0.0990	100	\$ 9.90	\$ 0.0990	100	\$ 9.90	\$ -	0.00%
Energy - RPP - Tier 2	per kWh	\$ 0.1160	0	\$ -	\$ 0.1160	0	\$ -	\$ -	
Total Bill on TOU (before Taxes)				\$ 907.88			\$ 959.81	\$ 51.93	5.72%
HST		13%		\$ 118.02	13%		\$ 124.77	\$ 6.75	5.72%
Total Bill (including HST)				\$ 1,025.90			\$ 1,084.58	\$ 58.68	5.72%
<i>Ontario Clean Energy Benefit¹</i>				<i>-\$ 102.59</i>			<i>-\$ 108.46</i>	<i>-\$ 5.87</i>	<i></i>

¹ Applicable to eligible customers only. Refer to the *Ontario Clean Energy Benefit Act, 2010*.

Note that the "Charge \$" columns provide breakdowns of the amounts that each bill component contributes to the total monthly bill at the referenced consumption level at existing and proposed rates.

Applicants must provide bill impacts for residential at 800 kWh and GS<50kW at 2000 kWh. In addition, their filing must cover the range that is relevant to their service territory, class by class. A general guideline of consumption levels follows:

Residential (kWh) - 100 250 500 800 1000 1500 2000

GS<50kW (kWh) - 1000, 2000, 5000, 10000, 15000

GS>50kW (kW) - 60, 100, 500, 1000

Large User - range appropriate for utility

Lighting Classes and USL - 150 kWh and 1 kW. range appropriate for utility.

Note that cells with the highlighted color shown to the left indicate quantities that are loss adjusted.

Appendix C – Appendix EC (1576)

File Number: #NAME?
 Exhibit:
 Tab:
 Schedule:
 Page:
 Date:

Appendix 2-EC
Account 1576 - Accounting Changes under CGAAP
2013 Changes in Accounting Policies under CGAAP

For applicants that made capitalization and depreciation expense accounting policy changes under CGAAP effective January 1, 2013

Reporting Basis				2013	2014	2015 Rebasing Year
				IRM	IRM	MIFRS
				Actual	Actual	Actual
					\$	\$
PP&E Values under former CGAAP						
Opening net PP&E - Note 1				7,731,371	8,265,231	8,471,518
Net Additions - Note 4				1,287,023	580,010	754,384
Net Depreciation (amounts should be negative) - Note 4				-753,162	-373,724	-804,402
Closing net PP&E (1)				8,265,231	8,471,518	8,421,500
PP&E Values under revised CGAAP (Starts from 2013)						
Opening net PP&E - Note 1				7,731,371	8,305,982	8,556,887
Net Additions - Note 4				1,287,023	580,010	754,384
Net Depreciation (amounts should be negative) - Note 4				-712,411	-329,105	-758,834
Closing net PP&E (2)				8,305,982	8,556,887	8,552,437
Difference in Closing net PP&E, former CGAAP vs. revised CGAAP				-40,751	-85,369	-130,938

Effect on Deferral and Variance Account Rate Riders

Closing balance in Account 1576	-	130,938
Return on Rate Base Associated with Account 1576 balance at WACC - Note 2	-	16,446
Amount Included in Deferral and Variance Account Rate Rider Calculation	-	147,383

WACC	6.28%
# of years of rate rider disposition period	2

Notes:

- For an applicant that made the capitalization and depreciation expense accounting policy changes on January 1, 2013, the PP&E values as of January 1, 2013 under both former CGAAP and revised CGAAP should be the same.
- Return on rate base associated with Account 1576 balance is calculated as:
 the variance account opening balance as of 2015 rebasing year x WACC X # of years of rate rider disposition period
 * Please note that the calculation should be adjusted once WACC is updated and finalized in the rate application.
- Account 1576 is cleared by including the total balance in the deferral and variance account rate rider calculation.
- Net additions are additions net of disposals; Net depreciation is additions to depreciation net of disposals.

Appendix D – Summary of OM&A

Summary of Recoverable OM&A Expenses

Reporting Basis	CGAAP	CGAAP	CGAAP	CGAAP	NEWGAAP	NEWGAAP	NEWGAAP	NEWGAAP
	Board Approved	2010	2011	2012	2013	2014	2015	2016
Operations	\$360,476	\$388,095	\$548,028	\$562,813	\$595,899	\$589,388	\$617,080	\$529,246
Maintenance	\$705,409	\$491,364	\$721,496	\$693,882	\$840,521	\$707,406	\$766,322	\$673,343
SubTotal	\$1,065,885	\$879,459	\$1,269,524	\$1,256,695	\$1,436,420	\$1,296,794	\$1,383,402	\$1,202,589
%Change (year over year)		-17.5%	44.4%	-1.0%	14.3%	-9.7%	6.7%	-7.3%
%Change (Test Year vs Last Rebasing Year - Actual)							29.8%	36.7%
Billing and Collecting	\$616,443	\$600,482	\$528,100	\$533,838	\$577,268	\$634,033	\$710,315	\$733,000
Community Relations	\$58,624	\$41,451	\$53,320	\$47,391	\$52,864	\$55,452	\$61,000	\$67,000
Administrative and General+LEAP	\$859,815	\$821,877	\$833,118	\$817,920	\$1,026,994	\$915,963	\$969,266	\$1,062,375
SubTotal	\$1,534,883	\$1,463,810	\$1,414,538	\$1,399,149	\$1,657,126	\$1,605,448	\$1,740,581	\$1,862,375
%Change (year over year)		-43.7%	-3.4%	-1.1%	18.4%	-3.1%	8.4%	16.0%
%Change (Test Year vs Last Rebasing Year - Actual)							-33.1%	21.3%
Total	\$2,600,768	\$2,343,269	\$2,684,062	\$2,655,844	\$3,093,547	\$2,902,242	\$3,123,984	\$3,064,964
%Change (year over year)			14.5%	-1.1%	16.5%	-6.2%	17.6%	17.8%

	Board Approved	2010	2011	2012	2013	2014	2015	2016
Operations	\$360,476	\$388,095	\$548,028	\$562,813	\$595,899	\$589,388	\$617,080	\$529,246
Maintenance	\$705,409	\$491,364	\$721,496	\$693,882	\$840,521	\$707,406	\$766,322	\$673,343
Billing and Collecting	\$616,443	\$600,482	\$528,100	\$533,838	\$577,268	\$634,033	\$710,315	\$733,000
Community Relations	\$58,624	\$41,451	\$53,320	\$47,391	\$52,864	\$55,452	\$61,000	\$67,000
Administrative and General	\$859,815	\$821,877	\$833,118	\$817,920	\$1,026,994	\$915,963	\$969,266	\$1,062,375
Total	\$2,600,768	\$2,343,269	\$2,684,062	\$2,655,844	\$3,093,547	\$2,902,242	\$3,123,984	\$3,064,964
%Change (year over year)		-9.9%	14.5%	-1.1%	16.5%	-6.2%	17.6%	-0.9%

Appendix E – Pass-Through Charges

Power Supply Expense

Determination of Commodity

Customer Class Name	Last Actual kWh's	non-RPP	RPP
Residential	79,483,998	3,415,188	76,068,810
General Service < 50 kW	31,649,726	2,656,020	28,993,706
General Service > 50 to 4999 kW	72,512,849	62,009,680	10,503,169
Sentinel Lighting	245,570	5,184	240,386
Streetlighting	2,439,792	2,377,067	62,725
Unmetered Scattered Load	454,406	25,008	429,398
other	-	-	0
other	-	-	0
TOTAL	186,786,342	70,488,147	116,298,195
%	100.00%	37.74%	62.26%

Forecast Price

HOEP (\$/MWh)		\$20.57		Note: Table ES-1 from current RPP report - Load Weighted price for RPP Consumers
Global Adjustment (\$/MWh)		\$87.92		Note: Table ES-1 from current RPP report - Impact of Global Adjustment
Adjustments				
TOTAL (\$/MWh)		\$108.49	\$107.28	Note: Table ES-1 from current RPP report - AVG supply cost for RPP Consumers
\$/kWh		\$0.10849	\$0.10728	
%		37.74%	62.26%	
WEIGHTED AVERAGE PRICE	\$0.1077	\$0.0409	\$0.0668	

Electricity Projections

(volumes for the bridge and test year are automatically loss adjusted)

Customer	Revenue	Expense	2010	2011	2012	2013	2014	2015	2016
Class Name	USA #	USA #						Volume	rate (\$/kWh): Amount
Residential	kWh 4006	4705						81,497,906	0.0796 \$6,487,233 79,968,078 \$0.10774 \$8,615,491
General Service < 50 kW	kWh 4010	4705						36,316,989	0.0796 \$2,890,832 35,635,269 \$0.10774 \$3,839,224
General Service > 50 to 4999 kW	kWh 4035	4705						75,113,696	0.0796 \$5,979,050 76,968,597 \$0.10774 \$8,292,121
Sentinel Lighting	kWh 4010	4705						254,378	0.0796 \$20,249 260,653 \$0.10774 \$28,082
Streetlighting	kWh 4025	4705						2,527,301	0.0796 \$201,173 1,433,106 \$0.10774 \$154,398
Unmetered Scattered Load	kWh 4025	4705						470,705	0.0796 \$37,468 482,316 \$0.10774 \$51,963
other	kWh 4025	4705						0	0.0796 \$0 0 \$0.10774 \$0
other	kWh 4025	4705						0	0.0796 \$0 0 \$0.10774 \$0
other	kWh 4025	4705						0	0.0796 \$0 0 \$0.10774 \$0
TOTAL			0	0	0	0	0	\$196,180,975	\$15,616,006 \$194,746,019 \$20,981,279

Transmission - Network

(volumes for the bridge and test year are automatically loss adjusted)

Customer	Revenue	Expense	2010	2011	2012	2013	2014	2015	2016
Class Name	USA #	USA #						Volume	Rate Amount
Residential	kWh 4066	4714						81,497,906	0.0063 \$513,437 79,968,078 0.0059 \$472,480
General Service < 50 kW	kWh 4066	4714						36,316,989	0.0058 \$210,639 35,635,269 0.0054 \$193,836
General Service > 50 to 4999 kW	kWh 4066	4714						75,113,696	2.3883 \$471,064 210,853 2.2211 \$468,320
Sentinel Lighting	kWh 4066	4714						254,378	1.7951 \$456,635 260,653 1.6835 \$438,811
Streetlighting	kWh 4066	4714						2,527,301	6.7722 \$17,095 3,840 1.6750 \$6,432
Unmetered Scattered Load	kWh 4066	4714						470,705	0.0058 \$2,730 482,316 0.0054 \$2,624
other	0	4066 4714						1	0.0000 \$0 1 0.0000 \$0
other	0	4066 4714						1	0.0000 \$0 1 0.0000 \$0
other	0	4066 4714						1	0.0000 \$0 1 0.0000 \$0
TOTAL	0	0	0	908,359	951,056	1,100,144	1,178,943	\$118,745,658	\$1,666,599 \$116,561,012 \$1,582,503

Transmission - Connection

(volumes for the bridge and test year are automatically loss adjusted)

Customer	Revenue	Expense	2010	2011	2012	2013	2014	2015	2016
Class Name	USA #	USA #						Volume	Rate Amount
Residential	kWh 4068	4716						81,497,906	0.0045 \$366,741 79,968,078 0.0045 \$362,190
General Service < 50 kW	kWh 4068	4716						36,316,989	0.0040 \$145,268 35,635,269 0.0040 \$143,465
General Service > 50 to 4999 kW	kWh 4068	4716						75,113,696	1.5969 \$317,431 210,853 1.6062 \$338,682
Sentinel Lighting	kWh 4068	4716						254,378	1.2596 \$320,415 260,653 1.2678 \$330,449
Streetlighting	kWh 4068	4716						2,527,301	6.7722 \$17,095 3,840 1.2418 \$4,769
Unmetered Scattered Load	kWh 4068	4716						470,705	0.0040 \$1,883 482,316 0.0040 \$1,942
other	0	4068 4716						1	0.0000 \$0 1 0.0000 \$0
other	0	4068 4716						1	0.0000 \$0 1 0.0000 \$0
other	0	4068 4716						1	0.0000 \$0 1 0.0000 \$0
TOTAL	0	0	0	\$454,767	\$631,138	\$783,744	\$820,000	\$118,745,658	\$1,160,093 \$116,561,012 \$1,181,497

Wholesale Market Service

(volumes for the bridge and test year are automatically loss adjusted)

Customer	Revenue	Expense	2010	2011	2012	2013	2014	2015	2016
Class Name	USA #	USA #						Volume	rate (\$/kWh): Amount
Residential	kWh 4062	4708						81,497,906	0.0044 \$358,591 79,968,078 0.00360 \$287,885
General Service < 50 kW	kWh 4062	4708						36,316,989	0.0040 \$159,795 35,635,269 0.00360 \$128,287
General Service > 50 to 4999 kW	kWh 4062	4708						75,113,696	0.0040 \$675 210,853 0.00360 \$759
Sentinel Lighting	kWh 4062	4708						254,378	0.0040 \$1,119 260,653 0.00360 \$938
Streetlighting	kWh 4062	4708						2,527,301	6.7722 \$17,095 3,840 0.00360 \$14
Unmetered Scattered Load	kWh 4062	4708						470,705	0.0040 \$2,071 482,316 0.00360 \$1,736
other	0	4062 4708						1	0.00440 \$0 1 0.00360 \$0
other	0	4062 4708						1	0.00440 \$0 1 0.00360 \$0
other	0	4062 4708						1	0.00440 \$0 1 0.00360 \$0
TOTAL	0	0	0	\$454,767	\$631,138	\$783,744	\$820,000	\$118,745,658	\$522,481 \$116,561,012 \$419,619

Rural Rate Protection

(volumes for the bridge and test year are automatically loss adjusted)

Customer	Revenue	Expense	2010	2011	2012	2013	2014	2015	2016
Class Name	USA #	USA #						Volume	rate (\$/kWh): Amount
Residential	kWh 4062	4730						81,497,906	0.00120 \$97,797 79,968,078 0.00130 \$103,959
General Service < 50 kW	kWh 4062	4730						36,316,989	0.00120 \$43,580 35,635,269 0.00130 \$46,326
General Service > 50 to 4999 kW	kWh 4062	4730						75,113,696	0.00120 \$239 210,853 0.00130 \$274
Sentinel Lighting	kWh 4062	4730						254,378	0.00120 \$305 260,653 0.00130 \$339
Streetlighting	kWh 4062	4730						2,527,301	6.7722 \$17,095 3,840 0.00130 \$5
Unmetered Scattered Load	kWh 4062	4730						470,705	0.00120 \$565 482,316 0.00130 \$627
other	0	4062 4730						1	0.00120 \$0 1 0.00130 \$0
other	0	4062 4730						1	0.00120 \$0 1 0.00130 \$0
other	0	4062 4730						1	0.00120 \$0 1 0.00130 \$0
TOTAL	0	0	0	\$252,044	\$220,700	\$245,761	\$118,745,658	\$142,495	\$116,561,012 \$151,529

Smart Meter Entity Charge

(per customer)

Customer	Revenue	Expense	2010	2011	2012	2013	2014	2015	2016
Class Name	USA #	USA #						Volume	rate (\$/kWh): Amount
Residential	kWh							9,384	0.79000 \$7,413 9,463 0.79000 \$89,709
General Service < 50 kW	kWh							1,300	0.79000 \$1,027 1,281 0.79000 \$12,144
General Service > 50 to 4999 kW	kWh							146	0.79000 \$115 148 0.79000 \$1,403
TOTAL	0	0	0	0	0	\$65,791	\$101,036	\$10,829	\$8,555 \$10,892 \$103,256

Low Voltage Charges - Historical and Proposed LV Charges

				2010	2011	2012	2013	2014	2015	2016
4075-Billed - LV				-189,060	-205,210	-202,887	-206,776	-202,825	-205,000	-205,000
4750-Charges - LV				0	0	0	65,791	167,195	205,000	205,000

Low Voltage Charges - Allocation of LV Charges based on Transmission Connection Revenues

(volumes are not loss adjusted)

ALLOCATION BASED ON TRANSMISSION-CONNECTION REVENUE					
Customer Class Name		RTSR Rate	Uplifted Volumes	Revenue	% Alloc
Residential	kWh	\$0.0045	79,968,078	\$352,190	30.66%
General Service < 50 kW	kWh	\$0.0040	35,635,269	\$143,403	12.14%
General Service > 50 to 4999 kW	kW	\$1.6062	210,853	\$338,582	28.67%
Sentinel Lighting	kWh	\$1.2678	260,653	\$330,449	27.97%
Streetlighting	kW	\$1.2418	3,840	\$4,769	0.40%
Unmetered Scattered Load	kWh	\$0.0040	482,316	\$1,942	0.16%
other	0	\$0.0000	1	\$0	0.00%
other	0	\$0.0000	1	\$0	0.00%
other	0	\$0.0000	1	\$0	0.00%
TOTAL			116,561,012	\$1,181,498	100%

Low Voltage Charges Rate Rider Calculations

(volumes are not loss adjusted)

PROPOSED LOW VOLTAGE CHARGES & RATES					
Customer Class Name	% Allocation	Charges	Not Uplifted Volumes	Rate	per
Residential	30.66%	62,643	79,968,078	\$0.0008	kWh
General Service < 50 kW	12.14%	24,692	35,635,269	\$0.0007	kWh
General Service > 50 to 4999 kW	28.67%	56,764	210,853	\$0.2767	kW
Sentinel Lighting	27.97%	57,330	260,653	\$0.2200	kWh
Streetlighting	0.40%	827	3,840	\$0.2155	kW
Unmetered Scattered Load	0.16%	337	482,316	\$0.0007	kWh
other	0.00%	0	1	\$0.0000	0
other	0.00%	0	1	\$0.0000	0
other	0.00%	0	1	\$0.0000	0
TOTAL	99.84%	205,000	116,561,012		

Low Voltage Charges to be added to power supply expense for bridge and test year.

(volumes are not loss adjusted)

Customer		Revenue	Expense	2015		2016			
Class Name		USA #	USA #	Volume	Rate	Amount	Volume	Rate	Amount
Residential	kWh	4075	4750	78,438,793	\$0.0011	\$86,283	79,968,078	\$0.0008	\$63,974.46
General Service < 50 kW	kWh	4075	4750	34,953,792	\$0.0010	\$34,954	35,635,269	\$0.0007	\$24,944.69
General Service > 50 to 4999 kW	kW	4075	4750	198,904	\$0.3954	\$78,647	210,853	\$0.2787	\$58,764.67
Sentinel Lighting	kWh	4075	4750	244,830	\$0.3121	\$76,411	260,653	\$0.2200	\$57,343.76
Streetlighting	kW	4075	4750	6,772	\$0.3057	\$2,070	3,840	\$0.2155	\$827.55
Unmetered Scattered Load	kWh	4075	4750	2,432,436	\$0.0010	\$2,432	482,316	\$0.0007	\$337.62
other	0	4075	4750	1	\$0.0000	\$0	1	\$0.0000	\$0.00
other	0	4075	4750	1	\$0.0000	\$0	1	\$0.0000	\$0.00
other	0	4075	4750	1	\$0.0000	\$0	1	\$0.0000	\$0.00
TOTAL		0	0	116,275,529		\$280,797	116,561,012		\$206,192.75

Projected Power Supply Expense					\$19,397,026			\$24,625,876
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Appendix F - Calculation of Deferral and Variance Rate Rider

Disposition of Deferral and Variance Account

Please indicate the Rate Rider Recovery Period ()

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)

1550, 1551, 1584, 1586, 1595

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance	
RESIDENTIAL	kWh	79,483,998	- 133,798	- 0.0008	\$/kWh
GENERAL SERVICE LESS THAN 50 TO 4,999 kW	kWh	31,649,726	- 52,815	- 0.0008	\$/kWh
GENERAL SERVICE 50 TO 4,999 kW	kW	206,399	- 120,319	- 0.2905	\$/kW
UNMETERED SCATTERED LOAD	kWh	454,406	- 754	- 0.0008	\$/kWh
SENTINEL LIGHTING	kW	684	- 407	- 0.2901	\$/kW
STREET LIGHTING	kW	6,866	- 4,048	- 0.2970	\$/kW
Total			-\$ 312,141	-\$ 0.8800	

Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.) - NON-WMP

1580 and 1588

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance	
RESIDENTIAL	kWh	79,483,998	- 427,275	- 0.0027	\$/kWh
GENERAL SERVICE LESS THAN 50 TO 4,999 kW	kWh	31,649,726	- 170,137	- 0.0027	\$/kWh
GENERAL SERVICE 50 TO 4,999 kW	kW	206,399	- 389,801	- 0.9410	\$/kW
UNMETERED SCATTERED LOAD	kWh	454,406	- 2,443	- 0.0027	\$/kWh
SENTINEL LIGHTING	kW	684	- 1,320	- 0.9398	\$/kW
STREET LIGHTING	kW	6,866	- 13,115	- 0.9621	\$/kW
Total			-\$ 1,004,091	-\$ 2.8509	

Rate Rider Calculation for RSVA - Power - Global Adjustment

Balance of Account 1589 Allocated to Non-WMPs

Rate Class (Enter Rate Classes in cells below)	Units	Non-RPP kW / kWh / # of	Balance of RSVA - Power - Global	Rate Rider for RSVA - Power -	
RESIDENTIAL	kWh	3,415,188	33,880	0.0062	\$/kWh
GENERAL SERVICE LESS THAN 50 TO 4,999 kW	kWh	2,656,020	26,349	0.0062	\$/kWh
GENERAL SERVICE 50 TO 4,999 kW	kW	176,503	615,168	2.1615	\$/kW
UNMETERED SCATTERED LOAD	kWh	25,008	248	0.0062	\$/kWh
SENTINEL LIGHTING	kW	14	51	2.1587	\$/kW
STREET LIGHTING	kW	6,689	23,582	2.2099	\$/kW
Total			\$ 699,279	\$ 6.5485	

Rate Rider Calculation for RSVA - Power - Global Adjustment - Class A Non-WMP Customers

Balance of Account 1589 allocated to Class A Non-WMP Customers

Rate Class (Enter Rate Classes in cells below)	Units	Non-RPP kW / kWh / # of	Balance of RSVA - Power - Global	Rate Rider for RSVA - Power -	
RESIDENTIAL	kWh	-	\$ -	-	\$/kWh
GENERAL SERVICE LESS THAN 50 TO 4,999 kW	kWh	-	\$ -	-	\$/kWh
GENERAL SERVICE 50 TO 4,999 kW	kW	-	\$ -	-	\$/kW
UNMETERED SCATTERED LOAD	kWh	-	\$ -	-	\$/kWh
SENTINEL LIGHTING	kW	-	\$ -	-	\$/kW
STREET LIGHTING	kW	-	\$ -	-	\$/kW
Total			\$ -		

Rate Rider Calculation for Group 2 Accounts

Rate Class (Enter Rate Classes in cells below)	Units	Non-RPP kW / kWh / # of	Balance of Group 2 Accounts	Rate Rider for RSVA - Power -	
RESIDENTIAL	# of Customers	8,895	12,766	0.05	per customer per month
GENERAL SERVICE LESS THAN 50 TO 4,999 kW	kWh	31,649,726	5,083	0.0001	\$/kWh
GENERAL SERVICE 50 TO 4,999 kW	kW	206,399	11,646	0.0281	\$/kW
UNMETERED SCATTERED LOAD	kWh	454,406	73	0.0001	\$/kWh
SENTINEL LIGHTING	kW	684	39	0.0281	\$/kW
STREET LIGHTING	kW	6,866	392	0.0287	\$/kW
Total			\$ 30,000	\$ 0.1393	

Rate Rider Calculation for Accounts 1575 and 1576

Please indicate the Rate Rider Recovery Period ()

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Accounts 1575	Rate Rider for Accounts 1575	
RESIDENTIAL	kWh	79,483,998	- 62,717	- 0.0004	\$/kWh
GENERAL SERVICE LESS THAN 50 TO 4,999 kW	kWh	31,649,726	- 24,973	- 0.0004	\$/kWh
GENERAL SERVICE 50 TO 4,999 kW	kW	206,399	- 57,216	- 0.1381	\$/kW
UNMETERED SCATTERED LOAD	kWh	454,406	- 359	- 0.0004	\$/kWh
SENTINEL LIGHTING	kW	684	- 194	- 0.1379	\$/kW
STREET LIGHTING	kW	6,866	- 1,925	- 0.1412	\$/kW
Total			-\$ 147,383	-\$ 0.4185	

Rate Rider Calculation for Accounts 1568

Please indicate the Rate Rider Recovery Period (2

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Balance of Account 1568	Rate Rider for Account 1568	
RESIDENTIAL	kWh	79,483,998	46,905	0.0003	\$/kWh
GENERAL SERVICE LESS THAN \$	kWh	31,649,726	20,902	0.0003	\$/kWh
GENERAL SERVICE 50 TO 4,999 #	kW	206,399	45,145	0.1078	\$/kW
UNMETERED SCATTERED LOAD	kWh	454,406	283	0.0003	\$/kWh
SENTINEL LIGHTING	kW	684	153	0.1077	\$/kW
STREET LIGHTING	kW	6,866	826	-	\$/kW
Total			\$ 114,214	\$ 0.2164	

Appendix G - LRAM calculations

**Appendix 2-I (Revised for IRs)
Load Forecast CDM Adjustment Work Form (2016)**

4 Year (2011-2014) kWh Target:						Persistence of 2014 CDM Program into 2015 and 2016	
8,970,000						2015	2016
	2011	2012	2013	2014	Total		
2011 CDM Programs	8.47%	8.47%	8.38%	7.44%	32.76%		
2012 CDM Programs		8.24%	8.24%	8.19%	24.66%		
2013 CDM Programs			7.73%	7.73%	15.46%		
2014 CDM Programs				18.81%	18.81%		
Total in Year	8.47%	16.71%	24.34%	42.17%	91.70%		
kWh							
2011 CDM Programs	798,000.00	798,000.00	789,000.00	701,000.00	3,086,000.00		
2012 CDM Programs	- 16,000.00	776,000.00	776,000.00	771,000.00	2,307,000.00		
2013 CDM Programs	-	101,000.00	728,000.00	728,000.00	1,557,000.00		
2014 CDM Programs	-	326,000.00	371,000.00	1,772,000.00	2,469,000.00	1,754,280.00	1,559,360.00
Total in Year	782,000.00	2,001,000.00	2,664,000.00	3,972,000.00	9,419,000.00		

Persistence Factor				
2011		1.00	0.99	0.88
2012			1.00	0.99
2013				1.00

2015-2020 CDM Program - 2016, second year of the current CDM plan

For the first year of the new 2015-2020 CDM plan, it is assumed that each year's program will achieve an equal amount of new CDM savings. The new targets for 2015-2020 do not take into account persistence beyond the first year, but the IESO will encourage distributors to promote and implement CDM plans that will have longer term persistence of savings. This results in each year's program being about 1/6 (18.67%) of the cumulative 2015-2020 CDM target for kWh savings. A distributor may propose an alternative approach but would be expected to document in its application why it believes that its proposal is more reasonable. In its proposal, the distributor should ensure that the sum of the results for each year's CDM program from 2015 to 2020 add up to its 2015-2020 CDM target as established by the IESO.

6 Year (2015-2020) kWh Target:							
10,000,000							
	2015	2016	2017	2018	2019	2020	Total
%							
2015 CDM Programs	16.67%						16.67%
2016 CDM Programs		16.67%					16.67%
2017 CDM Programs			16.67%				16.67%
2018 CDM Programs				16.67%			16.67%
2019 CDM Programs					16.67%		16.67%
2020 CDM Programs						16.67%	16.67%
Total in Year	16.67%	16.67%	16.67%	16.67%	16.67%	16.67%	100.00%
kWh							
2015 CDM Programs	1,666,666.67	1,666,666.67					3,333,333.33
2016 CDM Programs		1,666,666.67					1,666,666.67
2017 CDM Programs			1,666,666.67				1,666,666.67
2018 CDM Programs				1,666,666.67			1,666,666.67
2019 CDM Programs					1,666,666.67		1,666,666.67
2020 CDM Programs						1,666,666.67	1,666,666.67
Total in Year	1,666,666.67	3,333,333.33	1,666,666.67	1,666,666.67	1,666,666.67	1,666,666.67	10,000,000.00

Determination of 2016 Load Forecast Adjustment

The Board has determined that the "net" number should be used in its Decision and Order with respect to Centre Wellington Hydro Ltd.'s 2013 Cost of Service rates (EB-2012-0113). This approach has also been used in Settlement Agreements accepted by the Board in other 2013 and 2-14 applications. The distributor should select whether the adjustment is done on a "net" or "gross" basis, but must support a proposal for the adjustment being done on a "gross" basis. Sheet 2-I defaults to the adjustment being done on a "net" basis consistent with Board policy and practice.

From each of the 2006-2010 CDM Final Report, and the 2011, 2012, 2013 and 2014 CDM Final Reports, issued by the OPA (now IESO) for the distributor, the distributor should input the "gross" and "net" results of the cumulative CDM savings for 2014 into cells D84 to E88. The model will calculate the cumulative savings for all programs from 2006 to 2012 and determine the "net" to "gross" factor "g".

Net-to-Gross Conversion				
Is CDM adjustment being done on a "net" or "gross" basis?				net
	"Gross" kWh	"Net" kWh	Difference kWh	"Net-to-Gross" Conversion Factor ('g')
Persistence of Historical CDM programs to 2014				
2006-2010 CDM programs				
2011 CDM program				
2012 CDM program				
2013 CDM program				
2014 CDM program				
2006 to 2014 OPA CDM programs: Persistence to 2016	0	0	0	0.00%

The default values represent the factor that each year's CDM program is factored into the manual CDM adjustment. Distributors can choose alternative weights of "0", "0.5" or "1" from the drop-down menu for each cell, but must support its alternatives.

These factors do not mean that CDM programs are excluded, but the assumption that impacts of previous year CDM programs are already implicitly reflected in the actual data for the historical years that are the basis for the load forecast prior to any manual CDM adjustment for the 2016 test year.

Weight Factor for Inclusion in CDM Adjustment to 2014 Load Forecast

	2011	2012	2013	2014	2015	2016	
Weight Factor for each year's CDM program impact on 2014 load forecast	0	0	0	0.5	1	0.5	Distributor can select "0", "0.5", or "1" from drop-down list
Default Value selection rationale.	Full year persistence of 2011 CDM programs on 2015 load forecast. Full impact assumed because of 50% impact in 2011 (first year) but full year persistence impact on 2012 and 2013, and thus reflected in base forecast before the CDM adjustment.	Full year persistence of 2012 CDM programs on 2015 load forecast. Full impact assumed because of 50% impact in 2012 (first year) but full year persistence impact on 2013, and thus reflected in base forecast before the CDM adjustment.	Default is 0, but one option is for full year impact of 2013 CDM programs on 2015 load forecast, but 50% impact in base forecast (first year impact of 2013 CDM programs on 2013 load forecast, which is part of the data for the load forecast.	Default is 0, but one option is for full year impact of 2014 CDM programs on 2014 load forecast, but 50% impact in base forecast (first year impact of 2014 CDM programs on 2014 actuals, which is part of the data for the load forecast.	Full year impact of persistence of 2015 programs on 2015 load forecast. 2015 CDM program impacts are not in the base forecast.	Only 50% of 2016 CDM programs are assumed to impact the 2016 load forecast based on the "half-year" rule.	

2011-2014 and 2015-2020 LRAMVA and 2015 CDM adjustment to Load Forecast

One manual adjustment for CDM impacts to the 2015 load forecast is made. However, the distributor will have two associated annualized CDM impacts, one for the 2011-2014 CDM program and the second for the 2015-2020 CDM plan. In addition, the distributor needs to reflect the CDM adjustment that was explicitly factored into its 2011 load forecast in its 2011 cost of service application (assuming that it rebased in that year). This amount, and equal persistence for 2012, 2013 and 2014 is used as an offset to determine what the net balance of the 2011-2014 LRAMVA balance should be for disposition.

The Amount used for the CDM threshold of the LRAMVA is the kWh that will be used to determine the base amount for the LRAMVA balance for 2014, for assessing performance against the four-year target. The base amount for 2011-2013 is 0 (zero) for 2014 Cost of Service applications, as the utility rebased prior to the 2011-2014 CDM programs, and there was no adjustment to reflect the impacts of the 2011-2014 programs on the load forecast used to determine their last cost of service-based rates.

The proposed loss factor should correspond with the loss factor calculated in Appendix 2-R

The Manual Adjustment for the 2016 Load Forecast is the amount manually subtracted from the load forecast derived from the base forecast from historical data.

If the distributor has developed their load forecast on a system purchased basis, then the manual adjustment should be on system purchased basis, including the adjustment for losses. If the load forecast has been developed on a billed basis, either on a system basis or on a class-specific basis, the manual adjustment should be on a billed basis, excluding losses.

The distributor should determine the allocation of the savings to all customer classes in a reasonable manner (e.g. taking into account what programs and what OPA-measured impacts were directed at specific customer classes), for both the LRAMVA and for the load forecast adjustment.

	2011	2012	2013	2014	2015	2016	Total for 2016
	kWh						
Amount used for CDM threshold for LRAMVA (2014)	701,000.00	771,000.00	728,000.00	1,400,937.00			
CDM adjustment for test year forecast (per Board Decision in distributor's most recent Cost of Service Application) (enter as negative)	-	-	-	-			
Amount used for CDM threshold for LRAMVA (2016)				-	1,666,666.67	1,666,666.67	3,333,333.33
Manual Adjustment for 2016 Load Forecast (billed basis)	-	-	-	700,468.50	1,666,666.67	833,333.33	3,200,468.50
Proposed Loss Factor (TLF)	4.57%	Format: X.XX%					
Manual Adjustment for 2016 Load Forecast (system purchased basis)	-	-	-	732,479.91	1,742,833.33	871,416.67	3,346,729.91

Manual adjustment uses "gross" versus "net" (i.e. numbers multiplied by (1 + g). The Weight factor is also used calculate the impact of each year's program on the CDM adjustment to the 2016 load forecast.

Appendix H – Stranded Meter Rate Rider calculations

Stranded Meter Rate Rider

Customer Class Name	Net Book Value	% share	Annual \$	Customer	Rate	per month
Residential	\$150,373.94	66.19%	75186.97	9463	\$7.95	\$0.66
General Service < 50 kW	\$76,811.35	33.81%	38405.67	1281	\$29.98	\$2.50
General Service > 50 to 4999 kW						
	TOTAL	100.00%				

Total for Recovery			227,185
Recovery Period (years)		2	
Annual Recovery			113,593

Appendix I – Final Load Forecast

Load Forecast

Customers or Connections

Customer Class Name	Last Board Appr	Actual					Projected	
		2010	2011	2012	2013	2014	2015	2016
Residential	8,895	8,955	9,030	9,087	9,195	9,305	9,384	9,463
General Service < 50 kW	1,391	1,372	1,370	1,362	1,333	1,318	1,300	1,281
General Service > 50 to 4999 kW	144	148	145	145	146	147	146	148
Sentinel Lighting	216	216	209	209	207	204	199	195
Streetlighting	2,653	2,713	2,769	2,775	2,787	2,803	2,825	2,849
Unmetered Scattered Load	21	20	20	20	20	20	20	20
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
TOTAL	13,320	13,424	13,543	13,596	13,687	13,796	13,874	13,956

Consumption (kWh)

Customer Class Name	Last Board Appr	Actual					Projected	
		2010	2011	2012	2013	2014	2015	2016
Residential	79,547,654	75,301,012	79,270,520	78,553,744	80,138,214	79,483,998	78,438,793	78,290,332
General Service < 50 kW	36,098,055	33,358,217	32,279,016	31,948,521	31,708,039	31,649,726	34,953,792	34,887,634
General Service > 50 to 4999 kW	79,345,026	76,510,235	74,853,997	74,516,293	73,596,923	72,512,849	72,294,221	75,351,822
Sentinel Lighting	265,370	233,686	270,899	243,747	270,899	245,570	244,830	244,367
Streetlighting	2,414,487	2,383,707	2,458,955	2,432,690	2,424,249	2,439,792	2,432,436	1,271,832
Unmetered Scattered Load	437,952	458,526	469,307	448,159	453,471	454,406	453,036	452,179
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
TOTAL	198,108,544	188,245,383	189,602,695	188,143,155	188,591,795	186,786,342	188,817,108	190,498,166

CDM Adjusted Consumption (kWh)

Customer Class Name	Last Board Appr	Actual					Projected	
		2010	2011	2012	2013	2014	2015	2016
Residential	79,547,654	75,301,012	79,270,520	78,553,744	80,138,214	79,483,998	78,438,793	76,966,389
General Service < 50 kW	36,098,055	33,358,217	32,279,016	31,948,521	31,708,039	31,649,726	34,953,792	34,297,661
General Service > 50 to 4999 kW	79,345,026	76,510,235	74,853,997	74,516,293	73,596,923	72,512,849	72,294,221	74,077,571
Sentinel Lighting	265,370	233,686	270,899	243,747	270,899	245,570	244,830	250,870
Streetlighting	2,414,487	2,383,707	2,458,955	2,432,690	2,424,249	2,439,792	2,432,436	1,379,313
Unmetered Scattered Load	437,952	458,526	469,307	448,159	453,471	454,406	453,036	464,212
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
TOTAL	198,108,544	188,245,383	189,602,695	188,143,155	188,591,795	186,786,342	188,817,108	187,436,014

Consumption (kW)

Customer Class Name	Last Board Appr	Actual					Projected	
		2010	2011	2012	2013	2014	2015	2016
Residential	0	0	0	0	0	0	0	0
General Service < 50 kW	0	0	0	0	0	0	0	0
General Service > 50 to 4999 kW	211,781	202,775	203,575	207,916	216,501	0	214,887	214,480
Sentinel Lighting	760	718	718	718	718	0	698	696
Streetlighting	6,853	6,761	6,756	6,768	6,767	0	6,772	3,541
Unmetered Scattered Load	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
TOTAL	219,394	210,254	211,049	215,402	223,986	0	222,356	218,717

CDM Adjusted Consumption (kW)

Customer Class Name	Last Board Appr	Actual					Projected	
		2010	2011	2012	2013	2014	2015	2016
Residential	0	0	0	0	0	0	0	0
General Service < 50 kW	0	0	0	0	0	0	0	0
General Service > 50 to 4999 kW	211,781	202,775	203,575	207,916	216,501	0	198,904	210,853
Sentinel Lighting	760	718	718	718	718	0	698	715
Streetlighting	6,853	6,761	6,756	6,768	6,767	0	6,772	3,840
Unmetered Scattered Load	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
other	0	0	0	0	0	0	0	0
TOTAL	219,394	210,254	211,049	215,402	223,986	0	206,374	215,408

Primary Metering Adjustment 0.99 0.99

Appendix J – Cost Allocation

Cost Allocation Results and Revenue Allocation

Cost Allocation Results	REVENUE ALLOCATION (sheet O1)							CUSTOMER UNIT COST PER MONTH (sheet O2)			
	Service Rev Req (row40)		Misc. Revenue (mi) (row19)		Base Rev Req (row80)		Rev2Cost Expenses %	Avoided Costs (Minimum Charge)	Directly Related	Minimum System with PLCC * adjustment	Maximum Charge
Residential	3,006,710	64.92%	183,833	64.73%	2,822,876	64.93%	92.10%	\$6.77	\$10.36	\$18.05	\$18.05
General Service < 50 kW	722,376	15.60%	44,028	15.50%	678,348	15.60%	112.36%	\$6.93	\$10.77	\$20.85	\$22.97
General Service > 50 to 4999 kW	759,399	16.40%	39,732	13.99%	719,666	16.55%	116.78%	\$26.27	\$37.76	\$82.85	\$378.72
Sentinel Ligthning	17,919	0.39%	1,260	0.44%	16,659	0.38%	77.41%	\$0.72	\$1.16	\$7.26	\$7.26
Streetlights	119,701	2.58%	14,882	5.24%	104,818	2.41%	122.71%	\$0.66	\$1.05	\$3.15	\$3.15
Unmetered Scattered Load	5,374	0.12%	274	0.10%	5,100	0.12%	53.72%	\$2.88	\$4.59	\$10.55	\$10.55
other classes					0						\$0.00
other classes					0						\$0.00
other classes					0						\$0.00
TOTAL	4,631,478	100.00%	284,010	100.00%	4,347,468	100.00%					

Revenue Reallocation - Service Revenue Requirement

Customer Class Name	Proposed Base Revenue Requirement %					
	Cost Allocation Results		Existing Rates		Proposed Allocation	
Residential	64.93%	2,822,877	59.47%	2,585,524	59.47%	2,585,517
General Service < 50 kW	15.60%	678,348	17.66%	767,561	17.66%	767,634
General Service > 50 to 4999 kW	16.55%	719,667	19.49%	847,155	19.52%	848,459
Sentinel Ligthning	0.38%	16,659	0.29%	12,611	0.30%	13,075
Streetlights	2.41%	104,818	3.04%	132,004	2.96%	128,759
Unmetered Scattered Load	0.12%	5,100	0.06%	2,613	0.09%	4,026
other classes						
other classes						
other classes						
TOTAL	100.00%	4,347,469	100.00%	4,347,469	100.00%	4,347,469

Revenue Offsets	
%	\$
64.73%	183,833
15.50%	44,028
13.99%	39,732
0.44%	1,260
5.24%	14,882
0.10%	274
100.00%	284,010

Service Revenue Requirement \$		
Existing Rates	Cost Allocation	Rate Application
2,769,357	3,006,710	2,769,351
811,589	722,376	811,662
886,888	759,399	888,191
13,871	17,919	14,335
146,886	119,701	143,641
2,887	5,374	4,299
4,631,479	4,631,479	4,631,479

Revenue to Cost Ratio Allocation

Customer Class Name	Calculated R/C Ratio	Proposed R/C Ratio	Variance
Residential	0.92	0.92	-0.00
General Service < 50 kW	1.12	1.12	0.00
General Service > 50 to 4999 kW	1.17	1.17	-0.00
Sentinel Ligthning	0.77	0.80	-0.03
Streetlights	1.23	1.20	0.03
Unmetered Scattered Load	0.54	0.80	-0.26
other classes			
other classes			
other classes			

Target Range	
Floor	Ceiling
0.85	1.15
0.80	1.20
0.80	1.20
0.80	1.20
0.80	1.20
0.80	1.20

Revenue to Cost Adjustment		
2017	2018	2019

Bill Impacts
0.85%
0.86%
1.13%
-3.01%
6.63%
0.20%

Appendix 2-P Cost Allocation

Please complete the following four tables.

A) Allocated Costs

Classes	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential	\$2,338,929.28	54.10%	\$3,006,709.57	64.92%
General Service < 50 kW	\$939,982.99	21.74%	\$722,376.03	15.60%
General Service > 50 to 4999 kW	\$776,310.32	17.96%	\$759,398.89	16.40%
Sentinel Lighting	\$19,679.94	0.46%	\$17,918.66	0.39%
Streetlighting	\$239,859.49	5.55%	\$119,700.89	2.58%
Unmetered Scattered Load	\$8,489.39	0.20%	\$5,374.22	0.12%
other		0.00%		0.00%
other		0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
Total	\$4,323,251.42	100.00%	\$4,631,478.25	100.00%

Notes

- 1 Customer Classification - If proposed rate classes differ from those in place in the previous Cost Allocation study, modify the rate classes to match the current application as closely as possible.
- 2 Host Distributors - Provide information on embedded distributor(s) as a separate class, if applicable. If embedded distributor(s) are billed as customers in a General Service class, include the allocated cost and revenue of the embedded distributor(s) in the applicable class. Also complete Appendix 2-Q.
- 3 Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance

B) Calculated Class Revenues

(from CA - O1 row 18)

Classes (same as previous table)	Column 7B	Column 7C	Column 7D	Column 7E
	Load Forecast (LF) X current	L.F. X current approved rates X	LF X proposed rates	Miscellaneous Revenue
Residential	\$2,402,508.96	\$2,585,523.89	\$2,585,517.41	\$183,833.27
General Service < 50 kW	\$713,334.49	\$767,561.41	\$767,633.76	\$44,028.08
General Service > 50 to 4999 kW	\$787,179.30	\$847,155.46	\$848,458.65	\$39,732.43
Sentinel Lighting	\$11,718.44	\$12,611.28	\$13,074.95	\$1,259.98
Streetlighting	\$122,658.04	\$132,003.51	\$128,758.63	\$14,882.46
Unmetered Scattered Load	\$2,428.42	\$2,613.45	\$4,025.60	\$273.78
other				
other				
Total	\$4,039,827.65	\$4,347,468.99	\$4,347,468.99	\$284,010.00

Notes:

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

4 Columns 7E - If using the Board-issued Cost Allocation model, enter Miscellaneous Revenue as it appears in Worksheet O-1, row 19.

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

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2010	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
Residential	107.00	92.11	92.11	85 - 115
General Service < 50 kW	88.00	112.35	112.36	80 - 120
General Service > 50 to 4999 kW	103.00	116.79	116.96	80 - 120
Sentinel Lighting	70.00	77.41	80.00	80 - 120
Streetlighting	70.00	122.71	120.00	85 - 115
Unmetered Scattered Load	80.00	53.72	80.00	70 - 120
other				80 - 120
other				80 - 120

Notes

- 1 Previously Approved Revenue-to-Cost Ratios - For most applicants, Most Recent Year would be the third year of the IRM 3 period, e.g. if the applicant rebased in 2009 with further adjustments over 2 years, the Most recent year is 2011. For applicants whose most
- 2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo

D) Proposed Revenue-to-Cost Ratios

Class	Proposed Revenue-to-Cost Ratios			Policy Range
	2016	2017	2018	
	%	%	%	%
Residential	92.11			85 - 115
General Service < 50 kW	112.36			80 - 120
General Service > 50 to 4999 kW	116.96			80 - 120
Sentinel Lighting	80.00			80 - 120
Streetlighting	120.00			85 - 115
Unmetered Scattered Load	80.00			70 - 120
other				80 - 120
other				80 - 120
				0
				0

Note

- 1 The applicant should complete Table D if it is applying for approval of a revenue to cost ratio in 2014 that is outside the Board's policy range for any customer class. Table (d) will show the information that the distributor would likely enter in the IRM model) in 2014. In 2015 Table (d), enter the planned ratios for the classes that will be 'Change' and 'No Change' in 2014 (in the current Revenue Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision – Cost Revenue Adjustment', column d), and enter TBD for class(es) that will be

Appendix K - Rate Design

Rate Design

Existing Rates

Customer Class Name	Current Rates and Fixed to Variable Split		
	Rate	Fixed %	Variable %
Residential	\$10.99	51.95%	48.05%
General Service < 50 kW	\$22.97	49.51%	50.49%
General Service > 50 to 4999 kW	\$378.72	85.45%	14.55%
Sentinel Lighting	\$2.60	51.92%	48.08%
Streetlights	\$2.22	61.88%	38.12%
Unmetered Scattered Load	\$6.25	61.77%	38.23%
other classes			
other classes			
other classes			
TOTAL			

Proposed Rates at Current Fixed to Variable Split		
Rate	Fixed %	Variable %
\$11.93	51.95%	48.05%
\$24.37	49.51%	50.49%
\$413.79	85.45%	14.55%
\$2.84	51.92%	48.08%
\$2.35	61.88%	38.12%
\$10.36	61.77%	38.23%

Cost Allocation Results - Minimum and Maximum MSC

Customer Class Name	Cost Allocation - Minimum Fixed Rate (b)		
	Rate	Fixed %	Variable %
Residential	\$6.77	29.48%	70.52%
General Service < 50 kW	\$6.93	14.07%	85.93%
General Service > 50 to 4999 kW	\$26.27	5.42%	94.58%
Sentinel Lighting	\$0.72	13.21%	86.79%
Streetlights	\$0.66	17.41%	82.59%
Unmetered Scattered Load	\$2.88	17.16%	82.84%
other classes			
other classes			
other classes			
TOTAL			

Cost Allocation - Maximum Fixed Rate (b)		
Rate	Fixed %	Variable %
\$18.05	78.61%	21.39%
\$20.85	42.36%	57.64%
\$82.85	17.11%	82.89%
\$7.26	132.89%	-32.89%
\$3.15	82.95%	17.05%
\$10.55	62.90%	37.10%

Rate Design

Customer Class Name	Proposed Fixed Charge		
	Fixed Rate	Fixed %	Variable %
Residential	\$14.02	61.58%	38.42%
General Service < 50 kW	\$22.97	46.00%	54.00%
General Service > 50 to 4999 kW	\$82.85	17.34%	82.66%
Sentinel Lighting	\$2.84	50.83%	49.17%
Streetlights	\$2.35	62.40%	37.60%
Unmetered Scattered Load	\$10.36	61.76%	38.24%
other classes			
other classes			
other classes			
TOTAL			

Resulting Variable		
Variable (h)	Rate (i)	per
993,462	\$0.0129	kWh
414,539	\$0.0121	kWh
723,567	\$3.4316	kW
6,429	\$8.9937	kW
48,417	\$12.6081	kW
1,539	\$0.0033	kWh

Bill Impacts
4.88%
5.22%
5.73%
13.84%
6.14%
0.19%

Customer Class Name	Transf. Allowance (\$/kW):		(\$0.60)
	kW	Rate	Total \$ (g)
Residential	0	\$0.00	0
General Service < 50 kW	0	\$0.00	0
General Service > 50 to 4999 kW	37,083	\$0.60	22,250
Sentinel Lighting	0	\$0.00	0
Streetlights	0	\$0.00	0
Unmetered Scattered Load	0	\$0.00	0
other classes			
other classes			
other classes			
TOTAL	37,083		22,250

Base Revenue Requirement \$		
Total (d)	Fixed	Variable
2,585,517	1,592,055	993,462
767,634	353,095	414,539
848,459	147,142	701,317
13,075	6,646	6,429
128,759	80,342	48,417
4,026	2,486	1,539
4,347,469	2,181,765	2,165,704

File Number: 0
Exhibit:
Tab:
Schedule:
Page:
Date:

New Rate Design Policy For Residential Customers

Please complete the following tables.

A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	9,463
kWh	76,966,389

Proposed Residential Class Specific Revenue Requirement ¹	\$ 2,585,517.41
--	-----------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	10.99
Distribution Volumetric Rate (\$/kWh)	0.015

B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	10.99	9,463	\$ 1,247,980.44	51.95%
Variable	0.015	76,966,389	\$ 1,154,495.83	48.05%
TOTAL	-	-	\$ 2,402,476.27	-

C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years ²	5
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	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 1,343,062.24	11.83	\$ 1,343,367.48
Variable	\$ 1,242,455.17	0.0161	\$ 1,239,158.86
TOTAL	\$ 2,585,517.41	-	\$ 2,582,526.34

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	61.56%	\$ 1,591,553.27	14.02	\$ 1,592,055.12
Variable	38.44%	\$ 993,964.14	0.0129	\$ 992,866.41
TOTAL	-	\$ 2,585,517.41	-	\$ 2,584,921.53

Integrity Check with 8.1
1,592,055
993,462
2,585,517

Checks ³	
Change in Fixed Rate	\$ 2.19
Difference Between Revenues @ Proposed Rates and Class Specific	-\$ 595.87
	-0.02%

Notes:

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