

## Evidence Update Summary

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Evidence updates being filed as a result of Kingston Hydro lead-lag study include the following:

1. **Cost Allocation Models version 3.3** for 2016 through 2020
  - Attachment 1: Input Sheets I6, I8, Output Sheets O1, O2 – PDF format
  - CA Models 2016-2020 – Live Excel models
2. **Appendix 2-P Cost Allocation** – Revenue to Cost Ratios – 2016 through 2020
  - Attachment 2: 2016-2020 Sheets from Appendix 2-P – PDF format
  - Live Excel model
3. **Appendix 2-PA New Rate Design for Residential Customers**
  - Attachment 3: 2016-2020 Sheets from Appendix 2-PA – PDF format
  - Live Excel model
4. **Appendix 2-V Revenue Reconciliation** – 2016 through 2020
  - Attachment 4: 2016-2020 Sheets from Appendix 2-P – PDF format
  - Live Excel model
5. **Appendix 2-W Bill Impacts** – 2016 through 2020
  - Attachment 5: Includes in PDF format
    - Summary of detailed 2-W bill impacts
    - Detailed 2-W bill impacts at various consumption levels for Residential, General Service < 50 kW, General Service 50 to 4,999 kW, Large Use, Unmetered Scattered Load, Street Lighting customer classes.
6. **Updated Revenue Requirement Work Forms (RRWF)** for 2016 through 2020
  - Live Excel models
7. **Updated PILs model** for 2016 through 2020
  - Live Excel model

# **Evidence Update**

## **Attachment 1 of 5**

### **Cost Allocation Models V3.3 2016-2020**

- **Input Sheets I6 and I8**
- **Output Sheets O1 and O2**

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet 16.1 Revenue Worksheet -**

Total kWhs from Load Forecast	698,126,864
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Total kW from Load Forecast	1,029,084
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Deficiency/sufficiency ( RRWF 8. cell F51)	- 499,510
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Miscellaneous Revenue (RRWF 5. cell F48)	576,998
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		1	2	3	6	7	9	
ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>Billing Data</b>								
Forecast kWh	<b>CEN</b>	698,126,864	188,042,904	86,732,020	273,255,734	147,081,903	1,818,158	1,196,145
Forecast kW	<b>CDEM</b>	1,029,084			745,973	278,065	5,046	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		377,495			283,450	94,045		
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-						
KWh excluding KWh from Wholesale Market Participants	<b>CEN EWMP</b>	698,126,864	188,042,904	86,732,020	273,255,734	147,081,903	1,818,158	1,196,145

Existing Monthly Charge			\$12.56	\$25.85	\$280.09	\$5,164.00	\$1.02	\$11.55
Existing Distribution kWh Rate			\$0.0154	\$0.0106				\$0.0141
Existing Distribution kW Rate					\$2.0063	\$1.0535	\$4.6750	
Existing TOA Rate					\$0.60	\$0.60		
Additional Charges								
Distribution Revenue from Rates		\$11,604,898	\$6,536,804	\$1,834,449	\$2,629,330	\$478,845	\$89,061	\$36,408
Transformer Ownership Allowance		\$226,497	\$0	\$0	\$170,070	\$56,427	\$0	\$0
Net Class Revenue	<b>CREV</b>	\$11,378,401	\$6,536,804	\$1,834,449	\$2,459,260	\$422,418	\$89,061	\$36,408

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet I6.2 Customer Data Worksheet -**

			1	2	3	6	7	9
	ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
<b>Billing Data</b>								
Bad Debt 3 Year Historical Average	BDHA	\$151,896	\$117,882	\$13,971	\$20,044	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$52,875	\$38,070	\$11,632	\$3,172			
Number of Bills	CNB	330,996	289,884	35,400.00	3,972.00	36.00	12.00	1,692.00
Number of Devices	CDEV						5,349	
Number of Connections (Unmetered)	CCON	2,802					2,661	141
Total Number of Customers	CCA	27,589	24,157	2,950	337	3	1	141
Bulk Customer Base	CCB	-						
Primary Customer Base	CCP	27,792	24,157	2,950	337	3	204	141
Line Transformer Customer Base	CCLT	27,780	24,157	2,950	327	1	204	141
Secondary Customer Base	CCS	26,675	24,157	2,212	164		1	141
Weighted - Services	CWCS	30,924	24,157	5,464	1,277	-	-	25
Weighted Meter -Capital	CWMC	6,217,648	4,692,522	841,126	674,000	10,000	-	-
Weighted Meter Reading	CWMR	476,712	289,884	37,523	143,938	5,367	-	-
Weighted Bills	CWNB	369,379	289,884	35,400	42,461	373	9	1,252

**Bad Debt Data**

Historic Year:	2012	95,865	74,398	8,817	12,650			
Historic Year:	2013	170,966	132,681	15,725	22,560			
Historic Year:	2014	188,857	146,566	17,370	24,921			
Three-year average		151,896	117,882	13,971	20,044	-	-	-

# 2016 Cost Allocation Model

EB-2015-0083

**Sheet IS Demand Data Worksheet -**

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP
<b>Co-incident Peak</b>	
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12
<b>Non-co-incident Peak</b>	
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

Customer Classes	Total	1	2	3	6	7	9	
		Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>CO-INCIDENT PEAK</b>								
<b>1 CP</b>								
Transformation CP	TCP1	131,365	46,069	15,640	52,055	17,043	425	133
Bulk Delivery CP	BCP1	131,365	46,069	15,640	52,055	17,043	425	133
Total Sytem CP	DCP1	131,365	46,069	15,640	52,055	17,043	425	133
<b>4 CP</b>								
Transformation CP	TCP4	478,798	184,463	50,602	173,196	68,613	1,381	543
Bulk Delivery CP	BCP4	478,798	184,463	50,602	173,196	68,613	1,381	543
Total Sytem CP	DCP4	478,798	184,463	50,602	173,196	68,613	1,381	543
<b>12 CP</b>								
Transformation CP	TCP12	1,263,344	386,347	151,271	480,324	241,974	1,789	1,639
Bulk Delivery CP	BCP12	1,263,344	386,347	151,271	480,324	241,974	1,789	1,639
Total Sytem CP	DCP12	1,263,344	386,347	151,271	480,324	241,974	1,789	1,639
<b>NON CO. INCIDENT PEAK</b>								
<b>1 NCP</b>								
Classification NCP from Load Data Provider	DNCP1	157,967	51,326	21,359	57,543	27,169	425	144
Primary NCP	PNCP1	157,967	51,326	21,359	57,543	27,169	425	144
Line Transformer NCP	LTNCP1	145,471	51,326	21,359	54,236	17,980	425	144
Secondary NCP	SNCP1	98,538	51,326	15,551	31,092		425	144
<b>4 NCP</b>								
Classification NCP from Load Data Provider	DNCP4	580,397	201,009	72,910	200,613	103,595	1,698	573
Primary NCP	PNCP4	580,397	201,009	72,910	200,613	103,595	1,698	573
Line Transformer NCP	LTNCP4	533,180	201,009	72,910	188,432	68,558	1,698	573
Secondary NCP	SNCP4	351,145	201,009	53,085	94,780		1,698	573
<b>12 NCP</b>								
Classification NCP from Load Data Provider	DNCP12	1,450,498	458,350	186,527	530,424	268,434	5,095	1,667
Primary NCP	PNCP12	1,450,498	458,350	186,527	530,424	268,434	5,095	1,667
Line Transformer NCP	LTNCP12	1,266,421	458,350	186,527	437,135	177,647	5,095	1,667
Secondary NCP	SNCP12	851,521	458,350	135,809	250,600		5,095	1,667

# 2016 Cost Allocation Model

EB-2015-0083

## Sheet O1 Revenue to Cost Summary Worksheet -

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

### Class Revenue, Cost Analysis, and Return on Rate Base

		Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
<b>Rate Base</b>								
<b>Assets</b>								
crev	Distribution Revenue at Existing Rates	\$11,378,401	\$6,536,804	\$1,834,449	\$2,459,260	\$422,418	\$89,061	\$36,408
mi	Miscellaneous Revenue (mi)	\$576,998	\$373,881	\$73,429	\$96,928	\$18,564	\$12,895	\$1,301
	<b>Miscellaneous Revenue Input equals Output</b>							
	<b>Total Revenue at Existing Rates</b>	<b>\$11,955,399</b>	<b>\$6,910,685</b>	<b>\$1,907,879</b>	<b>\$2,556,188</b>	<b>\$440,982</b>	<b>\$101,956</b>	<b>\$37,709</b>
	Factor required to recover deficiency (1 + D)	1.0439						
	Distribution Revenue at Status Quo Rates	\$11,877,912	\$6,823,769	\$1,914,982	\$2,567,221	\$440,963	\$92,971	\$38,007
	Miscellaneous Revenue (mi)	\$576,998	\$373,881	\$73,429	\$96,928	\$18,564	\$12,895	\$1,301
	<b>Total Revenue at Status Quo Rates</b>	<b>\$12,454,910</b>	<b>\$7,197,650</b>	<b>\$1,988,411</b>	<b>\$2,664,149</b>	<b>\$459,527</b>	<b>\$105,866</b>	<b>\$39,307</b>
	<b>Expenses</b>							
di	Distribution Costs (di)	\$2,850,863	\$1,552,941	\$378,599	\$705,015	\$158,450	\$50,645	\$5,212
cu	Customer Related Costs (cu)	\$1,562,697	\$1,178,493	\$162,851	\$202,284	\$3,504	\$12,979	\$2,587
ad	General and Administration (ad)	\$2,717,249	\$1,665,583	\$336,569	\$567,717	\$102,529	\$40,059	\$4,792
dep	Depreciation and Amortization (dep)	\$1,825,384	\$1,068,952	\$243,315	\$403,657	\$80,956	\$25,862	\$2,643
INPUT	PIs (INPUT)	\$140,714	\$79,774	\$18,764	\$33,103	\$6,367	\$2,462	\$244
INT	Interest	\$1,363,941	\$773,246	\$181,880	\$320,863	\$61,719	\$23,864	\$2,368
	<b>Total Expenses</b>	<b>\$10,460,849</b>	<b>\$6,318,988</b>	<b>\$1,321,978</b>	<b>\$2,232,639</b>	<b>\$413,526</b>	<b>\$155,871</b>	<b>\$17,848</b>
	<b>Direct Allocation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
NI	Allocated Net Income (NI)	\$1,994,061	\$1,130,473	\$265,906	\$469,097	\$90,233	\$34,889	\$3,462
	<b>Revenue Requirement (includes NI)</b>	<b>\$12,454,910</b>	<b>\$7,449,461</b>	<b>\$1,587,884</b>	<b>\$2,701,736</b>	<b>\$503,759</b>	<b>\$190,760</b>	<b>\$21,310</b>
	<b>Revenue Requirement Input equals Output</b>							
	<b>Rate Base Calculation</b>							
	<b>Net Assets</b>							
dp	Distribution Plant - Gross	\$67,845,601	\$38,498,496	\$9,059,096	\$15,871,458	\$3,161,143	\$1,138,203	\$117,206
gp	General Plant - Gross	\$8,982,484	\$5,075,866	\$1,197,071	\$2,120,497	\$418,807	\$154,676	\$15,567
accum dep	Accumulated Depreciation	(\$27,861,376)	(\$15,925,894)	(\$3,731,187)	(\$6,422,978)	(\$1,280,349)	(\$452,902)	(\$48,067)
co	Capital Contribution	(\$2,848,475)	(\$1,508,289)	(\$375,386)	(\$717,475)	(\$208,841)	(\$33,843)	(\$4,642)
	<b>Total Net Plant</b>	<b>\$46,118,234</b>	<b>\$26,140,179</b>	<b>\$6,149,594</b>	<b>\$10,851,502</b>	<b>\$2,090,761</b>	<b>\$806,134</b>	<b>\$80,063</b>
	<b>Directly Allocated Net Fixed Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
COP	Cost of Power (COP)	\$87,863,612	\$23,678,206	\$10,914,722	\$34,382,694	\$18,506,673	\$230,709	\$150,608
	OM&A Expenses	\$7,130,810	\$4,397,017	\$878,019	\$1,475,016	\$264,483	\$103,682	\$12,592
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$94,994,421</b>	<b>\$28,075,223</b>	<b>\$11,792,741</b>	<b>\$35,857,710</b>	<b>\$18,771,156</b>	<b>\$334,391</b>	<b>\$163,200</b>
	<b>Working Capital</b>	<b>\$7,485,560</b>	<b>\$2,212,328</b>	<b>\$929,268</b>	<b>\$2,825,588</b>	<b>\$1,479,167</b>	<b>\$26,350</b>	<b>\$12,860</b>
	<b>Total Rate Base</b>	<b>\$53,603,794</b>	<b>\$28,352,506</b>	<b>\$7,078,862</b>	<b>\$13,677,090</b>	<b>\$3,569,928</b>	<b>\$832,484</b>	<b>\$92,924</b>
	<b>Rate Base Input equals Output</b>							
	<b>Equity Component of Rate Base</b>	<b>\$21,441,518</b>	<b>\$11,341,003</b>	<b>\$2,831,545</b>	<b>\$5,470,836</b>	<b>\$1,427,971</b>	<b>\$332,994</b>	<b>\$37,169</b>
	<b>Net Income on Allocated Assets</b>	<b>\$1,994,061</b>	<b>\$878,662</b>	<b>\$666,433</b>	<b>\$431,510</b>	<b>\$46,001</b>	<b>(\$50,004)</b>	<b>\$21,460</b>
	<b>Net Income on Direct Allocation Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>Net Income</b>	<b>\$1,994,061</b>	<b>\$878,662</b>	<b>\$666,433</b>	<b>\$431,510</b>	<b>\$46,001</b>	<b>(\$50,004)</b>	<b>\$21,460</b>

# 2016 Cost Allocation Model

**EB-2015-0083**

**Sheet O1 Revenue to Cost Summary Worksheet -**

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

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
	RATIOS ANALYSIS						
REVENUE TO EXPENSES STATUS QUO%	100.00%	96.62%	125.22%	98.61%	91.22%	55.50%	184.46%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$499,510)	(\$538,776)	\$319,994	(\$145,548)	(\$62,776)	(\$88,804)	\$16,399
	Deficiency Input equals Output						
STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	(\$251,812)	\$400,527	(\$37,587)	(\$44,232)	(\$84,894)	\$17,997
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	7.75%	23.54%	7.89%	3.22%	-15.02%	57.73%





Ontario Energy Board

# 2016 Cost Allocation Model

**EB-2015-0083**

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

Output sheet showing minimum and maximum level for Monthly Fixed Charge

## Summary

	1	2	3	6	7	9
	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
Customer Unit Cost per month - Avoided Cost	\$5.03	\$6.17	\$58.79	\$108.06	\$0.40	\$1.51
Customer Unit Cost per month - Directly Related	\$7.30	\$8.90	\$87.12	\$172.42	\$0.65	\$2.45
Customer Unit Cost per month - Minimum System with PLCC Adjustment	\$13.35	\$14.60	\$106.66	\$328.18	\$5.73	\$6.68
Existing Approved Fixed Charge	\$12.56	\$25.85	\$280.09	\$5,164.00	\$1.02	\$11.55

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet 16.1 Revenue Worksheet -**

Total kWhs from Load Forecast	693,295,773
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Total kW from Load Forecast	1,025,644
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Deficiency/sufficiency ( RRWF 8. cell F51)	- 449,129
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Miscellaneous Revenue (RRWF 5. cell F48)	583,921
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			1	2	3	6	7	9
		ID	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
<b>Billing Data</b>								
Forecast kWh	<b>CEN</b>	693,295,773	187,260,718	84,778,808	273,818,458	144,444,566	1,821,740	1,171,483
Forecast kW	<b>CDEM</b>	1,025,644			747,509	273,079	5,056	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		376,392			284,034	92,358		
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-						
KWh excluding KWh from Wholesale Market Participants	<b>CEN EWMP</b>	693,295,773	187,260,718	84,778,808	273,818,458	144,444,566	1,821,740	1,171,483

Existing Monthly Charge			\$15.87	\$25.98	\$306.62	\$5,548.55	\$0.87	\$5.96
Existing Distribution kWh Rate			\$0.0122	\$0.0105				\$0.0119
Existing Distribution kW Rate					\$2.0072	\$1.1501	\$9.2375	
Existing TOA Rate					\$0.60	\$0.60		
Additional Charges								
Distribution Revenue from Rates		\$12,111,710	\$6,914,368	\$1,794,593	\$2,762,449	\$513,816	\$102,674	\$23,810
Transformer Ownership Allowance		\$225,835	\$0	\$0	\$170,420	\$55,415	\$0	\$0
Net Class Revenue	<b>CREV</b>	\$11,885,874	\$6,914,368	\$1,794,593	\$2,592,029	\$458,401	\$102,674	\$23,810

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet I6.2 Customer Data Worksheet -**

			1	2	3	6	7	9
	ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
<b>Billing Data</b>								
Bad Debt 3 Year Historical Average	BDHA	\$151,896	\$117,882	\$13,971	\$20,044	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$52,875	\$38,070	\$11,632	\$3,172			
Number of Bills	CNB	332,364	291,732	34,812	4,116	36	12	1,656
Number of Devices	CDEV						5,361	
Number of Connections (Unmetered)	CCON	2,805					2,667	138
Total Number of Customers	CCA	27,697	24,311	2,901	343	3	1	138
Bulk Customer Base	CCB	-						
Primary Customer Base	CCP	27,903	24,311	2,901	343	3	207	138
Line Transformer Customer Base	CCLT	27,891	24,311	2,901	333	1	207	138
Secondary Customer Base	CCS	26,793	24,311	2,176	167		1	138
Weighted - Services	CWCS	31,011	24,311	5,375	1,300	-	-	25
Weighted Meter -Capital	CWMC	6,245,592	4,722,437	827,155	686,000	10,000	-	-
Weighted Meter Reading	CWMR	480,608	291,732	36,935	146,574	5,367	-	-
Weighted Bills	CWNB	372,151	291,732	34,812	44,000	373	9	1,225

**Bad Debt Data**

Historic Year:	2012	95,865	74,398	8,817	12,650			
Historic Year:	2013	170,966	132,681	15,725	22,560			
Historic Year:	2014	188,857	146,566	17,370	24,921			
Three-year average		151,896	117,882	13,971	20,044	-	-	-

# 2016 Cost Allocation Model

**EB-2015-0083**

**Sheet IS Demand Data Worksheet -**

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

Customer Classes	Total	1	2	3	6	7	9	
		Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>CO-INCIDENT PEAK</b>								
<b>1 CP</b>								
Transformation CP	TCP1	130,621	45,878	15,288	52,163	16,737	425	131
Bulk Delivery CP	BCP1	130,621	45,878	15,288	52,163	16,737	425	131
Total Sytem CP	DCP1	130,621	45,878	15,288	52,163	16,737	425	131
<b>4 CP</b>								
Transformation CP	TCP4	476,009	183,696	49,462	173,553	67,383	1,383	532
Bulk Delivery CP	BCP4	476,009	183,696	49,462	173,553	67,383	1,383	532
Total Sytem CP	DCP4	476,009	183,696	49,462	173,553	67,383	1,383	532
<b>12 CP</b>								
Transformation CP	TCP12	1,254,950	384,740	147,864	481,313	237,635	1,792	1,605
Bulk Delivery CP	BCP12	1,254,950	384,740	147,864	481,313	237,635	1,792	1,605
Total Sytem CP	DCP12	1,254,950	384,740	147,864	481,313	237,635	1,792	1,605
<b>NON CO. INCIDENT PEAK</b>								
<b>1 NCP</b>								
Classification NCP from Load Data Provider	DNCP1	156,901	51,113	20,878	57,662	26,682	425	141
Primary NCP	PNCP1	156,901	51,113	20,878	57,662	26,682	425	141
Line Transformer NCP	LTNCP1	143,449	51,113	20,878	54,348	16,544	425	141
Secondary NCP	SNCP1	98,036	51,113	15,201	31,156		425	141
<b>4 NCP</b>								
Classification NCP from Load Data Provider	DNCP4	576,466	200,173	71,268	201,026	101,738	1,702	561
Primary NCP	PNCP4	576,466	200,173	71,268	201,026	101,738	1,702	561
Line Transformer NCP	LTNCP4	525,603	200,173	71,268	188,820	63,080	1,702	561
Secondary NCP	SNCP4	349,300	200,173	51,890	94,975		1,702	561
<b>12 NCP</b>								
Classification NCP from Load Data Provider	DNCP12	1,440,646	456,443	182,326	531,516	263,621	5,105	1,633
Primary NCP	PNCP12	1,440,646	456,443	182,326	531,516	263,621	5,105	1,633
Line Transformer NCP	LTNCP12	1,246,995	456,443	182,326	438,035	163,452	5,105	1,633
Secondary NCP	SNCP12	847,048	456,443	132,751	251,116		5,105	1,633

# 2016 Cost Allocation Model

EB-2015-0083

## Sheet O1 Revenue to Cost Summary Worksheet -

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

### Class Revenue, Cost Analysis, and Return on Rate Base

		Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
<b>Rate Base</b>								
<b>Assets</b>								
crev	Distribution Revenue at Existing Rates	\$11,885,874	\$6,914,368	\$1,794,593	\$2,592,029	\$458,401	\$102,674	\$23,810
mi	Miscellaneous Revenue (mi)	\$583,921	\$378,613	\$73,141	\$99,396	\$18,499	\$12,990	\$1,282
	Miscellaneous Revenue Input equals Output							
	<b>Total Revenue at Existing Rates</b>	<b>\$12,469,795</b>	<b>\$7,292,981</b>	<b>\$1,867,735</b>	<b>\$2,691,424</b>	<b>\$476,900</b>	<b>\$115,664</b>	<b>\$25,092</b>
	Factor required to recover deficiency (1 + D)	1.0378						
	Distribution Revenue at Status Quo Rates	\$12,335,003	\$7,175,639	\$1,862,405	\$2,689,973	\$475,722	\$106,553	\$24,710
	Miscellaneous Revenue (mi)	\$583,921	\$378,613	\$73,141	\$99,396	\$18,499	\$12,990	\$1,282
	<b>Total Revenue at Status Quo Rates</b>	<b>\$12,918,924</b>	<b>\$7,554,252</b>	<b>\$1,935,546</b>	<b>\$2,789,369</b>	<b>\$494,222</b>	<b>\$119,543</b>	<b>\$25,992</b>
	<b>Expenses</b>							
di	Distribution Costs (di)	\$2,901,238	\$1,584,412	\$378,983	\$723,547	\$157,480	\$51,614	\$5,201
cu	Customer Related Costs (cu)	\$1,589,263	\$1,198,740	\$162,388	\$208,860	\$3,538	\$13,179	\$2,559
ad	General and Administration (ad)	\$2,762,850	\$1,696,865	\$336,353	\$582,644	\$101,332	\$40,883	\$4,773
dep	Depreciation and Amortization (dep)	\$1,967,120	\$1,158,034	\$257,797	\$437,369	\$82,657	\$28,435	\$2,829
INPUT	PIs (INPUT)	\$175,049	\$99,858	\$22,965	\$41,356	\$7,437	\$3,130	\$302
INT	Interest	\$1,443,490	\$823,453	\$189,377	\$341,033	\$61,324	\$25,810	\$2,493
	<b>Total Expenses</b>	<b>\$10,839,010</b>	<b>\$6,561,362</b>	<b>\$1,347,863</b>	<b>\$2,334,809</b>	<b>\$413,767</b>	<b>\$163,051</b>	<b>\$18,158</b>
	<b>Direct Allocation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
NI	Allocated Net Income (NI)	\$2,079,914	\$1,186,507	\$272,872	\$491,393	\$88,361	\$37,189	\$3,592
	<b>Revenue Requirement (includes NI)</b>	<b>\$12,918,924</b>	<b>\$7,747,869</b>	<b>\$1,620,735</b>	<b>\$2,826,202</b>	<b>\$502,128</b>	<b>\$200,240</b>	<b>\$21,750</b>
	Revenue Requirement Input equals Output							
	<b>Rate Base Calculation</b>							
	<b>Net Assets</b>							
dp	Distribution Plant - Gross	\$71,397,289	\$40,735,450	\$9,376,861	\$16,788,060	\$3,164,076	\$1,211,330	\$121,512
gp	General Plant - Gross	\$9,568,771	\$5,441,084	\$1,254,682	\$2,268,959	\$419,089	\$168,468	\$16,489
accum dep	Accumulated Depreciation	(\$29,757,628)	(\$17,082,936)	(\$3,917,752)	(\$6,903,418)	(\$1,321,499)	(\$482,087)	(\$49,937)
co	Capital Contribution	(\$2,848,475)	(\$1,511,556)	(\$369,472)	(\$725,729)	(\$203,335)	(\$33,837)	(\$4,547)
	<b>Total Net Plant</b>	<b>\$48,359,957</b>	<b>\$27,582,043</b>	<b>\$6,344,320</b>	<b>\$11,427,873</b>	<b>\$2,058,330</b>	<b>\$863,874</b>	<b>\$83,517</b>
	<b>Directly Allocated Net Fixed Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
COP	Cost of Power (COP)	\$87,261,261	\$23,581,363	\$10,669,596	\$34,455,650	\$18,175,962	\$231,177	\$147,512
	OM&A Expenses	\$7,253,351	\$4,480,017	\$877,723	\$1,515,051	\$262,350	\$105,677	\$12,533
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$94,514,612</b>	<b>\$28,061,380</b>	<b>\$11,547,320</b>	<b>\$35,970,701</b>	<b>\$18,438,312</b>	<b>\$336,854</b>	<b>\$160,046</b>
	<b>Working Capital</b>	<b>\$7,551,718</b>	<b>\$2,242,104</b>	<b>\$922,631</b>	<b>\$2,874,059</b>	<b>\$1,473,221</b>	<b>\$26,915</b>	<b>\$12,788</b>
	<b>Total Rate Base</b>	<b>\$55,911,674</b>	<b>\$29,824,147</b>	<b>\$7,266,950</b>	<b>\$14,301,932</b>	<b>\$3,531,551</b>	<b>\$890,789</b>	<b>\$96,304</b>
	Rate Base Input equals Output							
	<b>Equity Component of Rate Base</b>	<b>\$22,364,670</b>	<b>\$11,929,659</b>	<b>\$2,906,780</b>	<b>\$5,720,773</b>	<b>\$1,412,621</b>	<b>\$356,316</b>	<b>\$38,522</b>
	<b>Net Income on Allocated Assets</b>	<b>\$2,079,914</b>	<b>\$992,890</b>	<b>\$587,684</b>	<b>\$454,559</b>	<b>\$80,454</b>	<b>(\$43,508)</b>	<b>\$7,834</b>
	<b>Net Income on Direct Allocation Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>Net Income</b>	<b>\$2,079,914</b>	<b>\$992,890</b>	<b>\$587,684</b>	<b>\$454,559</b>	<b>\$80,454</b>	<b>(\$43,508)</b>	<b>\$7,834</b>

# 2016 Cost Allocation Model

**EB-2015-0083**

**Sheet O1 Revenue to Cost Summary Worksheet -**

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

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
	RATIOS ANALYSIS						
REVENUE TO EXPENSES STATUS QUO%	100.00%	97.50%	119.42%	98.70%	98.43%	59.70%	119.50%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$449,129)	(\$454,888)	\$247,000	(\$134,778)	(\$25,228)	(\$84,576)	\$3,342
	Deficiency Input equals Output						
STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	(\$193,617)	\$314,812	(\$36,833)	(\$7,907)	(\$80,697)	\$4,242
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	8.32%	20.22%	7.95%	5.70%	-12.21%	20.34%



Ontario Energy Board

# 2016 Cost Allocation Model

**EB-2015-0083**

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

Output sheet showing minimum and maximum level for Monthly Fixed Charge

## Summary

Customer Unit Cost per month - Avoided Cost  
 Customer Unit Cost per month - Directly Related  
 Customer Unit Cost per month - Minimum System with PLCC Adjustment  
 Existing Approved Fixed Charge

	1	2	3	6	7	9
	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
Customer Unit Cost per month - Avoided Cost	\$5.11	\$6.28	\$60.03	\$110.27	\$0.40	\$1.53
Customer Unit Cost per month - Directly Related	\$7.41	\$9.04	\$88.84	\$174.95	\$0.66	\$2.48
Customer Unit Cost per month - Minimum System with PLCC Adjustment	\$13.67	\$14.93	\$108.44	\$326.38	\$6.01	\$6.87
Existing Approved Fixed Charge	\$15.87	\$25.98	\$306.62	\$5,548.55	\$0.87	\$5.96



# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet 16.1 Revenue Worksheet -**

Total kWhs from Load Forecast	690,031,470
-------------------------------	-------------

Total kW from Load Forecast	1,026,015
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Deficiency/sufficiency ( RRWF 8. cell F51)	- 427,922
--	-----------

Miscellaneous Revenue (RRWF 5. cell F48)	580,278
--	---------

			1	2	3	6	7	9
ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>Billing Data</b>								
Forecast kWh	<b>CEN</b>	690,031,470	186,243,142	82,438,874	273,991,419	144,385,384	1,825,321	1,147,330
Forecast kW	<b>CDEM</b>	1,026,015			747,982	272,967	5,066	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		376,534			284,213	92,321		
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-						
KWh excluding KWh from Wholesale Market Participants	<b>CEN EWMP</b>	690,031,470	186,243,142	82,438,874	273,991,419	144,385,384	1,825,321	1,147,330

Existing Monthly Charge			\$19.18	\$26.71	\$315.67	\$5,699.70	\$0.99	\$6.17
Existing Distribution kWh Rate			\$0.0084	\$0.0109				\$0.0123
Existing Distribution kW Rate					\$2.0885	\$1.1937	\$10.5371	
Existing TOA Rate					\$0.60	\$0.60		
Additional Charges								
Distribution Revenue from Rates		\$12,568,888	\$7,195,537	\$1,813,027	\$2,887,974	\$531,030	\$117,212	\$24,108
Transformer Ownership Allowance		\$225,920	\$0	\$0	\$170,528	\$55,392	\$0	\$0
Net Class Revenue	<b>CREV</b>	\$12,342,967	\$7,195,537	\$1,813,027	\$2,717,446	\$475,638	\$117,212	\$24,108

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet I6.2 Customer Data Worksheet -**

			1	2	3	6	7	9
	ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
<b>Billing Data</b>								
Bad Debt 3 Year Historical Average	BDHA	\$151,896	\$117,882	\$13,971	\$20,044	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$52,875	\$38,070	\$11,632	\$3,172			
Number of Bills	CNB	333,696	293,592	34,236	4,200	36	12	1,620
Number of Devices	CDEV						5,373	
Number of Connections (Unmetered)	CCON	2,808					2,673	135
Total Number of Customers	CCA	27,808	24,466	2,853	350	3	1	135
Bulk Customer Base	CCB	-						
Primary Customer Base	CCP	28,017	24,466	2,853	350	3	210	135
Line Transformer Customer Base	CCLT	28,005	24,466	2,853	340	1	210	135
Secondary Customer Base	CCS	26,912	24,466	2,140	170		1	135
Weighted - Services	CWCS	31,103	24,466	5,286	1,327	-	-	24
Weighted Meter -Capital	CWMC	6,276,014	4,752,546	813,469	700,000	10,000	-	-
Weighted Meter Reading	CWMR	484,883	293,592	36,359	149,566	5,367	-	-
Weighted Bills	CWNB	374,307	293,592	34,236	44,898	373	9	1,199

**Bad Debt Data**

Historic Year:	2012	95,865	74,398	8,817	12,650			
Historic Year:	2013	170,966	132,681	15,725	22,560			
Historic Year:	2014	188,857	146,566	17,370	24,921			
Three-year average		151,896	117,882	13,971	20,044	-	-	-

# 2016 Cost Allocation Model

EB-2015-0083

**Sheet 18 Demand Data Worksheet -**

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

Customer Classes	Total	1	2	3	6	7	9	
		Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>CO-INCIDENT PEAK</b>								
<b>1 CP</b>								
Transformation CP	TCP1	129,974	45,628	14,866	52,196	16,730	426	128
Bulk Delivery CP	BCP1	129,974	45,628	14,866	52,196	16,730	426	128
Total Sytem CP	DCP1	129,974	45,628	14,866	52,196	16,730	426	128
<b>4 CP</b>								
Transformation CP	TCP4	473,719	182,698	48,097	173,662	67,355	1,386	521
Bulk Delivery CP	BCP4	473,719	182,698	48,097	173,662	67,355	1,386	521
Total Sytem CP	DCP4	473,719	182,698	48,097	173,662	67,355	1,386	521
<b>12 CP</b>								
Transformation CP	TCP12	1,248,955	382,650	143,783	481,617	237,538	1,796	1,572
Bulk Delivery CP	BCP12	1,248,955	382,650	143,783	481,617	237,538	1,796	1,572
Total Sytem CP	DCP12	1,248,955	382,650	143,783	481,617	237,538	1,796	1,572
<b>NON CO. INCIDENT PEAK</b>								
<b>1 NCP</b>								
Classification NCP from Load Data Provider	DNCP1	156,072	50,835	20,302	57,698	26,671	426	139
Primary NCP	PNCP1	156,072	50,835	20,302	57,698	26,671	426	139
Line Transformer NCP	LTNCP1	142,621	50,835	20,302	54,382	16,537	426	139
Secondary NCP	SNCP1	97,357	50,835	14,781	31,175		426	139
<b>4 NCP</b>								
Classification NCP from Load Data Provider	DNCP4	573,489	199,085	69,301	201,153	101,696	1,705	550
Primary NCP	PNCP4	573,489	199,085	69,301	201,153	101,696	1,705	550
Line Transformer NCP	LTNCP4	522,634	199,085	69,301	188,939	63,054	1,705	550
Secondary NCP	SNCP4	346,832	199,085	50,458	95,035		1,705	550
<b>12 NCP</b>								
Classification NCP from Load Data Provider	DNCP12	1,433,337	453,963	177,294	531,852	263,513	5,115	1,599
Primary NCP	PNCP12	1,433,337	453,963	177,294	531,852	263,513	5,115	1,599
Line Transformer NCP	LTNCP12	1,239,669	453,963	177,294	438,312	163,385	5,115	1,599
Secondary NCP	SNCP12	841,039	453,963	129,087	251,275		5,115	1,599

# 2016 Cost Allocation Model

EB-2015-0083

## Sheet O1 Revenue to Cost Summary Worksheet -

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

Class Revenue, Cost Analysis, and Return on Rate Base

		Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
<b>Rate Base</b>								
<b>Assets</b>								
crev	Distribution Revenue at Existing Rates	\$12,342,967	\$7,195,537	\$1,813,027	\$2,717,446	\$475,638	\$117,212	\$24,108
mi	Miscellaneous Revenue (mi)	\$580,278	\$376,708	\$71,431	\$99,502	\$18,472	\$12,920	\$1,246
	<b>Miscellaneous Revenue Input equals Output</b>							
	<b>Total Revenue at Existing Rates</b>	<b>\$12,923,245</b>	<b>\$7,572,245</b>	<b>\$1,884,458</b>	<b>\$2,816,948</b>	<b>\$494,109</b>	<b>\$130,132</b>	<b>\$25,353</b>
	Factor required to recover deficiency (1 + D)	1.0347						
	Distribution Revenue at Status Quo Rates	\$12,770,890	\$7,445,001	\$1,875,884	\$2,811,658	\$492,128	\$121,276	\$24,943
	Miscellaneous Revenue (mi)	\$580,278	\$376,708	\$71,431	\$99,502	\$18,472	\$12,920	\$1,246
	<b>Total Revenue at Status Quo Rates</b>	<b>\$13,351,168</b>	<b>\$7,821,709</b>	<b>\$1,947,315</b>	<b>\$2,911,160</b>	<b>\$510,599</b>	<b>\$134,196</b>	<b>\$26,189</b>
	<b>Expenses</b>							
di	Distribution Costs (di)	\$2,952,525	\$1,613,683	\$377,666	\$742,303	\$161,223	\$52,462	\$5,188
cu	Customer Related Costs (cu)	\$1,616,281	\$1,219,887	\$162,001	\$214,908	\$3,571	\$13,382	\$2,532
ad	General and Administration (ad)	\$2,809,215	\$1,726,443	\$335,066	\$597,783	\$103,637	\$41,537	\$4,749
dep	Depreciation and Amortization (dep)	\$2,101,260	\$1,238,011	\$269,657	\$471,432	\$88,852	\$30,345	\$2,963
INPUT	PILs (INPUT)	\$239,766	\$136,820	\$30,809	\$57,182	\$10,254	\$4,294	\$407
INT	Interest	\$1,495,652	\$853,477	\$192,186	\$356,702	\$63,963	\$26,783	\$2,540
	<b>Total Expenses</b>	<b>\$11,214,699</b>	<b>\$6,788,321</b>	<b>\$1,367,385</b>	<b>\$2,440,310</b>	<b>\$431,500</b>	<b>\$168,803</b>	<b>\$18,379</b>
	<b>Direct Allocation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
NI	Allocated Net Income (NI)	\$2,136,469	\$1,219,152	\$274,529	\$509,533	\$91,368	\$38,259	\$3,629
	<b>Revenue Requirement (includes NI)</b>	<b>\$13,351,168</b>	<b>\$8,007,473</b>	<b>\$1,641,914</b>	<b>\$2,949,843</b>	<b>\$522,868</b>	<b>\$207,062</b>	<b>\$22,008</b>
	<b>Revenue Requirement Input equals Output</b>							
	<b>Rate Base Calculation</b>							
	<b>Net Assets</b>							
dp	Distribution Plant - Gross	\$74,509,601	\$42,571,829	\$9,582,973	\$17,654,667	\$3,315,219	\$1,260,879	\$124,034
gp	General Plant - Gross	\$10,051,344	\$5,718,386	\$1,290,875	\$2,405,322	\$442,319	\$177,410	\$17,033
accum dep	Accumulated Depreciation	(\$31,791,818)	(\$18,295,980)	(\$4,097,748)	(\$7,420,409)	(\$1,414,584)	(\$511,260)	(\$51,837)
co	Capital Contribution	\$2,848,475	(\$1,512,526)	(\$361,666)	(\$731,532)	(\$204,480)	(\$33,816)	(\$4,455)
	<b>Total Net Plant</b>	<b>\$49,920,652</b>	<b>\$28,481,709</b>	<b>\$6,414,433</b>	<b>\$11,908,048</b>	<b>\$2,138,473</b>	<b>\$893,213</b>	<b>\$84,775</b>
	<b>Directly Allocated Net Fixed Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
COP	Cost of Power (COP)	\$86,396,142	\$23,330,768	\$10,320,834	\$34,296,970	\$18,073,425	\$230,429	\$143,715
	OM&A Expenses	\$7,378,021	\$4,560,013	\$874,733	\$1,554,994	\$268,431	\$107,381	\$12,469
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$93,774,163</b>	<b>\$27,890,781</b>	<b>\$11,195,567</b>	<b>\$35,851,964</b>	<b>\$18,341,856</b>	<b>\$337,811</b>	<b>\$156,184</b>
	<b>Working Capital</b>	<b>\$7,511,310</b>	<b>\$2,234,052</b>	<b>\$896,765</b>	<b>\$2,871,742</b>	<b>\$1,469,183</b>	<b>\$27,059</b>	<b>\$12,510</b>
	<b>Total Rate Base</b>	<b>\$57,431,962</b>	<b>\$30,715,761</b>	<b>\$7,311,198</b>	<b>\$14,779,791</b>	<b>\$3,607,656</b>	<b>\$920,272</b>	<b>\$97,286</b>
	<b>Rate Base Input equals Output</b>							
	<b>Equity Component of Rate Base</b>	<b>\$22,972,785</b>	<b>\$12,286,304</b>	<b>\$2,924,479</b>	<b>\$5,911,916</b>	<b>\$1,443,062</b>	<b>\$368,109</b>	<b>\$38,914</b>
	<b>Net Income on Allocated Assets</b>	<b>\$2,136,469</b>	<b>\$1,033,388</b>	<b>\$579,930</b>	<b>\$470,850</b>	<b>\$79,099</b>	<b>(\$34,608)</b>	<b>\$7,810</b>
	<b>Net Income on Direct Allocation Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>Net Income</b>	<b>\$2,136,469</b>	<b>\$1,033,388</b>	<b>\$579,930</b>	<b>\$470,850</b>	<b>\$79,099</b>	<b>(\$34,608)</b>	<b>\$7,810</b>

# 2016 Cost Allocation Model

**EB-2015-0083**

**Sheet O1 Revenue to Cost Summary Worksheet -**

**Instructions:**

Please see the first tab in this workbook for detailed instructions

**Class Revenue, Cost Analysis, and Return on Rate Base**

Rate Base Assets	Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
	<b>RATIOS ANALYSIS</b>						
REVENUE TO EXPENSES STATUS QUO%	100.00%	97.68%	118.60%	98.69%	97.65%	64.81%	119.00%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$427,922)	(\$435,228)	\$242,545	(\$132,895)	(\$28,759)	(\$76,930)	\$3,345
	<b>Deficiency Input equals Output</b>						
STATUS QUO REVENUE MINUS ALLOCATED COSTS	(\$0)	(\$185,764)	\$305,401	(\$38,683)	(\$12,269)	(\$72,867)	\$4,181
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	8.41%	19.83%	7.96%	5.48%	-9.40%	20.07%



Ontario Energy Board

# 2016 Cost Allocation Model

**EB-2015-0083**

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

Output sheet showing minimum and maximum level for Monthly Fixed Charge

## Summary

	1	2	3	6	7	9
	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
Customer Unit Cost per month - Avoided Cost	\$5.22	\$6.42	\$61.21	\$112.27	\$0.41	\$1.54
Customer Unit Cost per month - Directly Related	\$7.55	\$9.22	\$90.34	\$177.57	\$0.67	\$2.51
Customer Unit Cost per month - Minimum System with PLCC Adjustment	\$13.96	\$15.27	\$110.10	\$336.02	\$6.20	\$7.02
Existing Approved Fixed Charge	\$19.18	\$26.71	\$315.67	\$5,699.70	\$0.99	\$6.17

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet 16.1 Revenue Worksheet -**

Total kWhs from Load Forecast	685,891,912
-------------------------------	-------------

Total kW from Load Forecast	1,026,394
-----------------------------	-----------

Deficiency/sufficiency ( RRWF 8. cell F51)	- 429,181
--	-----------

Miscellaneous Revenue (RRWF 5. cell F48)	590,370
--	---------

		1	2	3	6	7	9	
ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>Billing Data</b>								
Forecast kWh	<b>CEN</b>	685,891,912	185,263,300	79,142,304	274,077,767	144,455,963	1,828,903	1,123,675
Forecast kW	<b>CDEM</b>	1,026,394			748,217	273,101	5,076	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		376,668			284,303	92,366		
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-						
KWh excluding KWh from Wholesale Market Participants	<b>CEN EWMP</b>	685,891,912	185,263,300	79,142,304	274,077,767	144,455,963	1,828,903	1,123,675



Existing Monthly Charge			\$22.60	\$27.36	\$323.35	\$5,895.74	\$1.12	\$6.36
Existing Distribution kWh Rate			\$0.0043	\$0.0113				\$0.0126
Existing Distribution kW Rate					\$2.1714	\$1.2282	\$11.8498	
Existing TOA Rate					\$0.60	\$0.60		
Additional Charges								
Distribution Revenue from Rates		\$13,003,700	\$7,474,119	\$1,815,246	\$3,009,911	\$547,669	\$132,524	\$24,233
Transformer Ownership Allowance		\$226,001	\$0	\$0	\$170,582	\$55,419	\$0	\$0
Net Class Revenue	<b>CREV</b>	\$12,777,699	\$7,474,119	\$1,815,246	\$2,839,329	\$492,249	\$132,524	\$24,233

# 2016 Cost Allocation Model

**EB-2015-0083****Sheet I6.2 Customer Data Worksheet -**

		1	2	3	6	7	9	
	ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
<b>Billing Data</b>								
Bad Debt 3 Year Historical Average	BDHA	\$151,896	\$117,882	\$13,971	\$20,044	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$52,875	\$38,070	\$11,632	\$3,172			
Number of Bills	CNB	335,040	295,464	33,660	4,284	36	12	1,584
Number of Devices	CDEV						5,385	
Number of Connections (Unmetered)	CCON	2,811					2,679	132
Total Number of Customers	CCA	27,920	24,622	2,805	357	3	1	132
Bulk Customer Base	CCB	-						
Primary Customer Base	CCP	28,131	24,622	2,805	357	3	212	132
Line Transformer Customer Base	CCLT	28,119	24,622	2,805	347	1	212	132
Secondary Customer Base	CCS	27,033	24,622	2,104	174		1	132
Weighted - Services	CWCS	31,196	24,622	5,197	1,353	-	-	24
Weighted Meter -Capital	CWMC	6,306,632	4,782,849	799,783	714,000	10,000	-	-
Weighted Meter Reading	CWMR	489,171	295,464	35,783	152,557	5,367	-	-
Weighted Bills	CWNB	376,474	295,464	33,660	45,796	373	9	1,172

**Bad Debt Data**

Historic Year:	2012	95,865	74,398	8,817	12,650			
Historic Year:	2013	170,966	132,681	15,725	22,560			
Historic Year:	2014	188,857	146,566	17,370	24,921			
Three-year average		151,896	117,882	13,971	20,044	-	-	-

# 2016 Cost Allocation Model

EB-2015-0083

Sheet IS Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

Customer Classes	Total	1	2	3	6	7	9	
		Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>CO-INCIDENT PEAK</b>								
<b>1 CP</b>								
Transformation CP	TCP1	129,162	45,388	14,271	52,212	16,738	427	125
Bulk Delivery CP	BCP1	129,162	45,388	14,271	52,212	16,738	427	125
Total Sytem CP	DCP1	129,162	45,388	14,271	52,212	16,738	427	125
<b>4 CP</b>								
Transformation CP	TCP4	470,914	181,737	46,174	173,717	67,388	1,389	510
Bulk Delivery CP	BCP4	470,914	181,737	46,174	173,717	67,388	1,389	510
Total Sytem CP	DCP4	470,914	181,737	46,174	173,717	67,388	1,389	510
<b>12 CP</b>								
Transformation CP	TCP12	1,241,431	380,637	138,034	481,769	237,654	1,799	1,539
Bulk Delivery CP	BCP12	1,241,431	380,637	138,034	481,769	237,654	1,799	1,539
Total Sytem CP	DCP12	1,241,431	380,637	138,034	481,769	237,654	1,799	1,539
<b>NON CO. INCIDENT PEAK</b>								
<b>1 NCP</b>								
Classification NCP from Load Data Provider	DNCP1	155,021	50,568	19,490	57,716	26,684	427	136
Primary NCP	PNCP1	155,021	50,568	19,490	57,716	26,684	427	136
Line Transformer NCP	LTNCP1	142,679	50,568	19,490	54,399	17,659	427	136
Secondary NCP	SNCP1	96,506	50,568	14,190	31,185		427	136
<b>4 NCP</b>								
Classification NCP from Load Data Provider	DNCP4	569,775	198,037	66,529	201,216	101,746	1,708	538
Primary NCP	PNCP4	569,775	198,037	66,529	201,216	101,746	1,708	538
Line Transformer NCP	LTNCP4	523,146	198,037	66,529	188,999	67,334	1,708	538
Secondary NCP	SNCP4	343,789	198,037	48,440	95,065		1,708	538
<b>12 NCP</b>								
Classification NCP from Load Data Provider	DNCP12	1,424,132	451,575	170,205	532,020	263,642	5,125	1,566
Primary NCP	PNCP12	1,424,132	451,575	170,205	532,020	263,642	5,125	1,566
Line Transformer NCP	LTNCP12	1,241,396	451,575	170,205	438,450	174,475	5,125	1,566
Secondary NCP	SNCP12	833,545	451,575	123,925	251,354		5,125	1,566

# 2016 Cost Allocation Model

EB-2015-0083

**Sheet O1 Revenue to Cost Summary Worksheet -**

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

**Class Revenue, Cost Analysis, and Return on Rate Base**

		Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
<b>Rate Base</b>								
<b>Assets</b>								
crev	Distribution Revenue at Existing Rates	\$12,777,699	\$7,474,119	\$1,815,246	\$2,839,329	\$492,249	\$132,524	\$24,233
mi	Miscellaneous Revenue (mi)	\$590,370	\$383,347	\$70,959	\$102,668	\$19,118	\$13,045	\$1,232
	<b>Miscellaneous Revenue Input equals Output</b>							
	<b>Total Revenue at Existing Rates</b>	<b>\$13,368,069</b>	<b>\$7,857,466</b>	<b>\$1,886,205</b>	<b>\$2,941,997</b>	<b>\$511,368</b>	<b>\$145,569</b>	<b>\$25,464</b>
	Factor required to recover deficiency (1 + D)	1.0336						
	Distribution Revenue at Status Quo Rates	\$13,206,880	\$7,725,161	\$1,876,217	\$2,934,697	\$508,783	\$136,975	\$25,046
	Miscellaneous Revenue (mi)	\$590,370	\$383,347	\$70,959	\$102,668	\$19,118	\$13,045	\$1,232
	<b>Total Revenue at Status Quo Rates</b>	<b>\$13,797,250</b>	<b>\$8,108,508</b>	<b>\$1,947,176</b>	<b>\$3,037,365</b>	<b>\$527,901</b>	<b>\$150,020</b>	<b>\$26,278</b>
	<b>Expenses</b>							
di	Distribution Costs (di)	\$3,004,730	\$1,643,308	\$372,493	\$762,967	\$167,510	\$53,287	\$5,165
cu	Customer Related Costs (cu)	\$1,643,758	\$1,241,412	\$161,586	\$221,064	\$3,605	\$13,587	\$2,505
ad	General and Administration (ad)	\$2,856,360	\$1,755,342	\$331,248	\$614,799	\$108,146	\$42,110	\$4,714
dep	Depreciation and Amortization (dep)	\$2,193,526	\$1,288,947	\$273,241	\$499,685	\$97,492	\$31,165	\$2,997
INPUT	PIs (INPUT)	\$293,765	\$166,654	\$36,593	\$71,428	\$13,402	\$5,201	\$486
INT	Interest	\$1,590,693	\$902,409	\$198,145	\$386,774	\$72,569	\$28,163	\$2,632
	<b>Total Expenses</b>	<b>\$11,582,832</b>	<b>\$6,998,071</b>	<b>\$1,373,306</b>	<b>\$2,556,717</b>	<b>\$462,723</b>	<b>\$173,514</b>	<b>\$18,500</b>
	<b>Direct Allocation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
NI	Allocated Net Income (NI)	\$2,214,418	\$1,256,251	\$275,840	\$538,432	\$101,024	\$39,207	\$3,665
	<b>Revenue Requirement (includes NI)</b>	<b>\$13,797,250</b>	<b>\$8,254,322</b>	<b>\$1,649,146</b>	<b>\$3,095,149</b>	<b>\$563,747</b>	<b>\$212,720</b>	<b>\$22,165</b>
	<b>Revenue Requirement Input equals Output</b>							
	<b>Rate Base Calculation</b>							
	<b>Net Assets</b>							
dp	Distribution Plant - Gross	\$78,246,601	\$44,604,678	\$9,758,583	\$18,804,958	\$3,642,022	\$1,309,736	\$126,625
gp	General Plant - Gross	\$10,533,844	\$5,960,638	\$1,311,465	\$2,568,020	\$492,230	\$184,092	\$17,400
accum dep	Accumulated Depreciation	(\$33,939,211)	(\$19,559,907)	(\$4,243,347)	(\$7,992,448)	(\$1,549,737)	(\$540,140)	(\$53,634)
co	Capital Contribution	(\$2,848,475)	(\$1,513,696)	(\$350,381)	(\$736,790)	(\$209,462)	(\$33,789)	(\$4,358)
	<b>Total Net Plant</b>	<b>\$51,992,759</b>	<b>\$29,491,713</b>	<b>\$6,476,321</b>	<b>\$12,643,740</b>	<b>\$2,375,052</b>	<b>\$919,899</b>	<b>\$86,034</b>
	<b>Directly Allocated Net Fixed Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
COP	Cost of Power (COP)	\$86,325,895	\$23,329,187	\$9,959,834	\$34,486,734	\$18,176,578	\$232,076	\$141,486
	OM&A Expenses	\$7,504,848	\$4,640,061	\$865,327	\$1,598,830	\$279,261	\$108,984	\$12,384
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$93,830,743</b>	<b>\$27,969,249</b>	<b>\$10,825,161</b>	<b>\$36,085,563</b>	<b>\$18,455,839</b>	<b>\$341,060</b>	<b>\$153,870</b>
	<b>Working Capital</b>	<b>\$7,534,609</b>	<b>\$2,245,931</b>	<b>\$869,260</b>	<b>\$2,897,671</b>	<b>\$1,482,004</b>	<b>\$27,387</b>	<b>\$12,356</b>
	<b>Total Rate Base</b>	<b>\$59,527,368</b>	<b>\$31,737,643</b>	<b>\$7,345,581</b>	<b>\$15,541,411</b>	<b>\$3,857,056</b>	<b>\$947,286</b>	<b>\$98,390</b>
	<b>Rate Base Input equals Output</b>							
	<b>Equity Component of Rate Base</b>	<b>\$23,810,947</b>	<b>\$12,695,057</b>	<b>\$2,938,233</b>	<b>\$6,216,564</b>	<b>\$1,542,823</b>	<b>\$378,914</b>	<b>\$39,356</b>
	<b>Net Income on Allocated Assets</b>	<b>\$2,214,418</b>	<b>\$1,110,437</b>	<b>\$573,870</b>	<b>\$480,648</b>	<b>\$65,178</b>	<b>(\$23,493)</b>	<b>\$7,778</b>
	<b>Net Income on Direct Allocation Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>Net Income</b>	<b>\$2,214,418</b>	<b>\$1,110,437</b>	<b>\$573,870</b>	<b>\$480,648</b>	<b>\$65,178</b>	<b>(\$23,493)</b>	<b>\$7,778</b>

# 2016 Cost Allocation Model

**EB-2015-0083**

**Sheet O1 Revenue to Cost Summary Worksheet -**

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

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
	RATIOS ANALYSIS						
REVENUE TO EXPENSES STATUS QUO%	100.00%	98.23%	118.07%	98.13%	93.64%	70.52%	118.56%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$429,181)	(\$396,857)	\$237,059	(\$153,152)	(\$52,379)	(\$67,151)	\$3,300
	Deficiency Input equals Output						
STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	(\$145,814)	\$298,029	(\$57,784)	(\$35,845)	(\$62,700)	\$4,114
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	8.75%	19.53%	7.73%	4.22%	-6.20%	19.76%



Ontario Energy Board

# 2016 Cost Allocation Model

**EB-2015-0083**

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

Output sheet showing minimum and maximum level for Monthly Fixed Charge

## Summary

	1	2	3	6	7	9
	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
Customer Unit Cost per month - Avoided Cost	\$5.32	\$6.55	\$62.31	\$113.82	\$0.41	\$1.56
Customer Unit Cost per month - Directly Related	\$7.66	\$9.36	\$91.62	\$179.81	\$0.68	\$2.53
Customer Unit Cost per month - Minimum System with PLCC Adjustment	\$14.20	\$15.56	\$111.70	\$356.60	\$6.34	\$7.13
Existing Approved Fixed Charge	\$22.60	\$27.36	\$323.35	\$5,895.74	\$1.12	\$6.36

# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet 16.1 Revenue Worksheet -**

Total kWhs from Load Forecast	682,447,699
-------------------------------	-------------

Total kW from Load Forecast	1,028,072
-----------------------------	-----------

Deficiency/sufficiency ( RRWF 8. cell F51)	- 321,286
--	-----------

Miscellaneous Revenue (RRWF 5. cell F48)	600,697
--	---------

		1	2	3	6	7	9	
ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>Billing Data</b>								
Forecast kWh	<b>CEN</b>	682,447,699	184,359,435	75,933,648	274,516,295	144,705,330	1,832,484	1,100,508
Forecast kW	<b>CDEM</b>	1,028,072			749,414	273,572	5,086	
Forecast kW, included in CDEM, of customers receiving line transformer allowance		377,283			284,757	92,525		
Optional - Forecast kWh, included in CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		-						
KWh excluding KWh from Wholesale Market Participants	<b>CEN EWMP</b>	682,447,699	184,359,435	75,933,648	274,516,295	144,705,330	1,832,484	1,100,508

Existing Monthly Charge			\$26.14	\$27.85	\$330.86	\$6,095.39	\$1.24	\$6.54
Existing Distribution kWh Rate				\$0.0117				\$0.0130
Existing Distribution kW Rate					\$2.2557	\$1.2624	\$13.1228	
Existing TOA Rate					\$0.60	\$0.60		
Additional Charges								
Distribution Revenue from Rates		\$13,454,746	\$7,772,677	\$1,810,147	\$3,135,651	\$564,791	\$147,050	\$24,431
Transformer Ownership Allowance		\$226,370	\$0	\$0	\$170,854	\$55,515	\$0	\$0
Net Class Revenue	<b>CREV</b>	\$13,228,377	\$7,772,677	\$1,810,147	\$2,964,796	\$509,276	\$147,050	\$24,431



# 2016 Cost Allocation Model

**EB-2015-0083**
**Sheet I6.2 Customer Data Worksheet -**

			1	2	3	6	7	9
	ID	Total	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
<b>Billing Data</b>								
Bad Debt 3 Year Historical Average	BDHA	\$151,896	\$117,882	\$13,971	\$20,044	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$52,875	\$38,070	\$11,632	\$3,172			
Number of Bills	CNB	336,408	297,348	33,096	4,368	36	12	1,548
Number of Devices	CDEV						5,397	
Number of Connections (Unmetered)	CCON	2,814					2,685	129
Total Number of Customers	CCA	28,034	24,779	2,758	364	3	1	129
Bulk Customer Base	CCB	-						
Primary Customer Base	CCP	28,248	24,779	2,758	364	3	215	129
Line Transformer Customer Base	CCLT	28,236	24,779	2,758	354	1	215	129
Secondary Customer Base	CCS	27,154	24,779	2,068	177		1	129
Weighted - Services	CWCS	31,290	24,779	5,108	1,380	-	-	23
Weighted Meter -Capital	CWMC	6,337,728	4,813,346	786,382	728,000	10,000	-	-
Weighted Meter Reading	CWMR	493,482	297,348	35,219	155,548	5,367	-	-
Weighted Bills	CWNB	378,665	297,348	33,096	46,694	373	9	1,146

**Bad Debt Data**

Historic Year:	2012	95,865	74,398	8,817	12,650			
Historic Year:	2013	170,966	132,681	15,725	22,560			
Historic Year:	2014	188,857	146,566	17,370	24,921			
Three-year average		151,896	117,882	13,971	20,044	-	-	-

# 2016 Cost Allocation Model

EB-2015-0083

Sheet IS Demand Data Worksheet -

This is an input sheet for demand allocators.

CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP

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

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

Customer Classes	Total	1	2	3	6	7	9	
		Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load	
<b>CO-INCIDENT PEAK</b>								
<b>1 CP</b>								
Transformation CP	TCP1	128,473	45,167	13,693	52,296	16,767	428	123
Bulk Delivery CP	BCP1	128,473	45,167	13,693	52,296	16,767	428	123
Total Sytem CP	DCP1	128,473	45,167	13,693	52,296	16,767	428	123
<b>4 CP</b>								
Transformation CP	TCP4	468,542	180,850	44,302	173,995	67,504	1,392	499
Bulk Delivery CP	BCP4	468,542	180,850	44,302	173,995	67,504	1,392	499
Total Sytem CP	DCP4	468,542	180,850	44,302	173,995	67,504	1,392	499
<b>12 CP</b>								
Transformation CP	TCP12	1,235,131	378,779	132,437	482,540	238,064	1,803	1,508
Bulk Delivery CP	BCP12	1,235,131	378,779	132,437	482,540	238,064	1,803	1,508
Total Sytem CP	DCP12	1,235,131	378,779	132,437	482,540	238,064	1,803	1,508
<b>NON CO. INCIDENT PEAK</b>								
<b>1 NCP</b>								
Classification NCP from Load Data Provider	DNCP1	154,121	50,321	18,700	57,809	26,730	428	133
Primary NCP	PNCP1	154,121	50,321	18,700	57,809	26,730	428	133
Line Transformer NCP	LTNCP1	140,642	50,321	18,700	54,486	16,573	428	133
Secondary NCP	SNCP1	95,732	50,321	13,615	31,235		428	133
<b>4 NCP</b>								
Classification NCP from Load Data Provider	DNCP4	566,601	197,071	63,832	201,538	101,921	1,712	527
Primary NCP	PNCP4	566,601	197,071	63,832	201,538	101,921	1,712	527
Line Transformer NCP	LTNCP4	515,637	197,071	63,832	189,301	63,194	1,712	527
Secondary NCP	SNCP4	341,003	197,071	46,476	95,217		1,712	527
<b>12 NCP</b>								
Classification NCP from Load Data Provider	DNCP12	1,416,313	449,371	163,304	532,871	264,097	5,135	1,534
Primary NCP	PNCP12	1,416,313	449,371	163,304	532,871	264,097	5,135	1,534
Line Transformer NCP	LTNCP12	1,222,244	449,371	163,304	439,152	163,747	5,135	1,534
Secondary NCP	SNCP12	826,697	449,371	118,900	251,756		5,135	1,534

# 2016 Cost Allocation Model

EB-2015-0083

## Sheet O1 Revenue to Cost Summary Worksheet -

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

Class Revenue, Cost Analysis, and Return on Rate Base

		Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
<b>Rate Base</b>								
<b>Assets</b>								
crev	Distribution Revenue at Existing Rates	\$13,228,377	\$7,772,677	\$1,810,147	\$2,964,796	\$509,276	\$147,050	\$24,431
mi	Miscellaneous Revenue (mi)	\$600,697	\$390,118	\$70,460	\$106,009	\$19,721	\$13,171	\$1,218
	<b>Miscellaneous Revenue Input equals Output</b>							
	<b>Total Revenue at Existing Rates</b>	<b>\$13,829,074</b>	<b>\$8,162,795</b>	<b>\$1,880,607</b>	<b>\$3,070,806</b>	<b>\$528,997</b>	<b>\$160,221</b>	<b>\$25,649</b>
	Factor required to recover deficiency (1 + D)	1.0243						
	Distribution Revenue at Status Quo Rates	\$13,549,663	\$7,961,457	\$1,854,111	\$3,036,804	\$521,645	\$150,621	\$25,024
	Miscellaneous Revenue (mi)	\$600,697	\$390,118	\$70,460	\$106,009	\$19,721	\$13,171	\$1,218
	<b>Total Revenue at Status Quo Rates</b>	<b>\$14,150,360</b>	<b>\$8,351,575</b>	<b>\$1,924,571</b>	<b>\$3,142,814</b>	<b>\$541,366</b>	<b>\$163,792</b>	<b>\$26,242</b>
	<b>Expenses</b>							
di	Distribution Costs (di)	\$3,057,884	\$1,673,914	\$367,190	\$785,040	\$172,483	\$54,111	\$5,146
cu	Customer Related Costs (cu)	\$1,671,701	\$1,263,282	\$161,186	\$227,323	\$3,638	\$13,794	\$2,476
ad	General and Administration (ad)	\$2,904,300	\$1,784,500	\$327,264	\$633,149	\$112,062	\$42,645	\$4,680
dep	Depreciation and Amortization (dep)	\$2,240,240	\$1,315,099	\$270,423	\$518,109	\$102,409	\$31,231	\$2,969
INPUT	PILs (INPUT)	\$330,486	\$185,925	\$39,786	\$82,361	\$16,135	\$5,746	\$532
INT	Interest	\$1,655,656	\$931,442	\$199,317	\$412,611	\$80,835	\$28,784	\$2,667
	<b>Total Expenses</b>	<b>\$11,860,267</b>	<b>\$7,154,162</b>	<b>\$1,365,167</b>	<b>\$2,658,593</b>	<b>\$487,562</b>	<b>\$176,311</b>	<b>\$18,471</b>
	<b>Direct Allocation</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
NI	Allocated Net Income (NI)	\$2,290,093	\$1,288,365	\$275,694	\$570,721	\$111,810	\$39,814	\$3,689
	<b>Revenue Requirement (includes NI)</b>	<b>\$14,150,360</b>	<b>\$8,442,527</b>	<b>\$1,640,861</b>	<b>\$3,229,314</b>	<b>\$599,373</b>	<b>\$216,125</b>	<b>\$22,160</b>
	<b>Revenue Requirement Input equals Output</b>							
	<b>Rate Base Calculation</b>							
	<b>Net Assets</b>							
dp	Distribution Plant - Gross	\$82,116,876	\$46,639,272	\$9,913,346	\$20,105,929	\$3,975,773	\$1,353,406	\$129,150
gp	General Plant - Gross	\$10,939,344	\$6,142,052	\$1,316,518	\$2,731,493	\$543,671	\$188,012	\$17,597
accum dep	Accumulated Depreciation	(\$36,156,094)	(\$20,858,712)	(\$4,382,885)	(\$8,620,322)	(\$1,670,287)	(\$568,472)	(\$55,416)
co	Capital Contribution	(\$2,848,475)	(\$1,517,103)	(\$340,045)	(\$745,444)	(\$207,834)	(\$33,780)	(\$4,270)
	<b>Total Net Plant</b>	<b>\$54,051,651</b>	<b>\$30,405,510</b>	<b>\$6,506,934</b>	<b>\$13,471,656</b>	<b>\$2,641,323</b>	<b>\$939,166</b>	<b>\$87,061</b>
	<b>Directly Allocated Net Fixed Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
COP	Cost of Power (COP)	\$85,890,194	\$23,214,914	\$9,555,801	\$34,540,946	\$18,207,445	\$232,524	\$138,564
	OM&A Expenses	\$7,633,885	\$4,721,696	\$855,641	\$1,645,512	\$288,183	\$110,551	\$12,302
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$93,524,079</b>	<b>\$27,936,610</b>	<b>\$10,411,442</b>	<b>\$36,186,457</b>	<b>\$18,495,628</b>	<b>\$343,075</b>	<b>\$150,867</b>
	<b>Working Capital</b>	<b>\$7,509,984</b>	<b>\$2,243,310</b>	<b>\$836,039</b>	<b>\$2,905,773</b>	<b>\$1,485,199</b>	<b>\$27,549</b>	<b>\$12,115</b>
	<b>Total Rate Base</b>	<b>\$61,561,635</b>	<b>\$32,648,820</b>	<b>\$7,342,973</b>	<b>\$16,377,429</b>	<b>\$4,126,522</b>	<b>\$966,715</b>	<b>\$99,176</b>
	<b>Rate Base Input equals Output</b>							
	<b>Equity Component of Rate Base</b>	<b>\$24,624,654</b>	<b>\$13,059,528</b>	<b>\$2,937,189</b>	<b>\$6,550,972</b>	<b>\$1,650,609</b>	<b>\$386,686</b>	<b>\$39,670</b>
	<b>Net Income on Allocated Assets</b>	<b>\$2,290,093</b>	<b>\$1,197,413</b>	<b>\$559,404</b>	<b>\$484,220</b>	<b>\$53,804</b>	<b>(\$12,519)</b>	<b>\$7,771</b>
	<b>Net Income on Direct Allocation Assets</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>Net Income</b>	<b>\$2,290,093</b>	<b>\$1,197,413</b>	<b>\$559,404</b>	<b>\$484,220</b>	<b>\$53,804</b>	<b>(\$12,519)</b>	<b>\$7,771</b>

# 2016 Cost Allocation Model

**EB-2015-0083**

**Sheet O1 Revenue to Cost Summary Worksheet -**

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

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets	Total	1 Residential	2 GS <50	3 GS>50-Regular	6 Large Use >5MW	7 Street Light	9 Unmetered Scattered Load
	RATIOS ANALYSIS						
REVENUE TO EXPENSES STATUS QUO%	100.00%	98.92%	117.29%	97.32%	90.32%	75.79%	118.42%
EXISTING REVENUE MINUS ALLOCATED COSTS	(\$321,286)	(\$279,733)	\$239,746	(\$158,509)	(\$70,376)	(\$55,904)	\$3,489
	Deficiency Input equals Output						
STATUS QUO REVENUE MINUS ALLOCATED COSTS	\$0	(\$90,953)	\$283,710	(\$86,501)	(\$58,007)	(\$52,333)	\$4,082
RETURN ON EQUITY COMPONENT OF RATE BASE	9.30%	9.17%	19.05%	7.39%	3.26%	-3.24%	19.59%



Ontario Energy Board

# 2016 Cost Allocation Model

**EB-2015-0083**

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

Output sheet showing minimum and maximum level for Monthly Fixed Charge

## Summary

	1	2	3	6	7	9
	Residential	GS <50	GS>50-Regular	Large Use >5MW	Street Light	Unmetered Scattered Load
Customer Unit Cost per month - Avoided Cost	\$5.39	\$6.63	\$63.04	\$114.90	\$0.42	\$1.58
Customer Unit Cost per month - Directly Related	\$7.72	\$9.43	\$92.45	\$181.56	\$0.69	\$2.56
Customer Unit Cost per month - Minimum System with PLCC Adjustment	\$14.32	\$15.72	\$112.73	\$370.84	\$6.41	\$7.19
Existing Approved Fixed Charge	\$26.14	\$27.85	\$330.86	\$6,095.39	\$1.24	\$6.54

**Evidence Update**  
**Attachment 2 of 5**

**Appendix 2-P Cost Allocation (2016-2020)**

**Appendix 2-P  
Cost Allocation - 2016**

Please complete the following four tables.

**A) Allocated Costs**

Classes	2016		Row 40 CA	
	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential	\$ 7,166,577	60.86%	\$ 7,449,461	59.81%
GS < 50 kW	\$ 1,700,371	14.44%	\$ 1,587,884	12.75%
GS 50 to 4,999 kW	\$ 2,282,143	19.38%	\$ 2,701,736	21.69%
Large Use	\$ 465,454	3.95%	\$ 503,759	4.04%
Street Lighting	\$ 111,797	0.95%	\$ 190,760	1.53%
Unmetered Scattered Load (USL)	\$ 49,290	0.42%	\$ 21,310	0.17%
Standby Approved on an Interim Basis	\$ -	0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
<b>Total</b>	<b>\$ 11,775,632</b>	<b>100.00%</b>	<b>\$ 12,454,910</b>	<b>100.00%</b>

**Notes**

- 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.
- 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.
- Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s), it also does not include Account 4750 - Low Voltage (LV) Costs.

**B) Calculated Class Revenues**

Classes (same as previous table)	2016	Row 18 CA	Row 23 CA	RateMaker Col K	Row 19 CA
	Column 7B Load Forecast (LF) X current	Column 7C L.F. X current approved rates X	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue	
Residential	\$ 6,536,804	\$ 6,823,769	\$ 6,888,713	\$ 373,881	
GS < 50 kW	\$ 1,834,449	\$ 1,914,982	\$ 1,832,032	\$ 73,429	
GS 50 to 4,999 kW	\$ 2,459,260	\$ 2,567,221	\$ 2,567,254	\$ 96,928	
Large Use	\$ 422,418	\$ 440,963	\$ 463,130	\$ 18,564	
Street Lighting	\$ 89,061	\$ 92,971	\$ 102,512	\$ 12,895	
Unmetered Scattered Load (USL)	\$ 36,408	\$ 38,007	\$ 24,272	\$ 1,301	
Standby Approved on an Interim Basis					
0					
<b>Total</b>	<b>\$ 11,378,401</b>	<b>\$ 11,877,912</b>	<b>\$ 11,877,912</b>	<b>\$ 576,998</b>	

existing (1 + d)

**Notes:**

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

**C) Rebalancing Revenue-to-Cost (R/C) Ratios  
2016**

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2011	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
Residential	93.28	96.62	97.49	85 - 115
GS < 50 kW	120.00	125.22	120.00	80 - 120
GS 50 to 4,999 kW	107.00	98.61	98.61	80 - 120
Large Use	93.00	91.22	95.62	85 - 115
Street Lighting	104.00	55.50	60.50	80 - 120
Unmetered Scattered Load (USL)	120.00	184.46	120.00	80 - 120
Standby Approved on an Interim Basis	0.00			
0				

**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 recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.

2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo means "Before Rebalancing".

**D) Proposed Revenue-to-Cost Ratios  
2016**

Class	Proposed Revenue-to-Cost Ratios					Policy Range
	2016	2017	2018	2019	2020	
	%	%	%	%	%	%
Residential	97.49					85 - 115
GS < 50 kW	120.00					80 - 120
GS 50 to 4,999 kW	98.61					80 - 120
Large Use	95.62					85 - 115
Street Lighting	60.50					80 - 120
Unmetered Scattered Load (USL)	120.00					80 - 120
Standby Approved on an Interim Basis						0
						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 entered as 'Rebalance'.



**Appendix 2-P  
Cost Allocation - 2017**

Please complete the following four tables.

**A) Allocated Costs**

Classes	2017		Row 40 CA	
	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential	\$ 7,166,577	60.86%	\$ 7,747,869	59.97%
GS < 50 kW	\$ 1,700,371	14.44%	\$ 1,620,735	12.55%
GS 50 to 4,999 kW	\$ 2,282,143	19.38%	\$ 2,826,202	21.88%
Large User	\$ 465,454	3.95%	\$ 502,128	3.89%
Street Lighting	\$ 111,797	0.95%	\$ 200,240	1.55%
Unmetered Scattered Load (USL)	\$ 49,290	0.42%	\$ 21,750	0.17%
Standby Approved on an Interim Basis		0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
<b>Total</b>	<b>\$ 11,775,632</b>	<b>100.00%</b>	<b>\$ 12,918,924</b>	<b>100.00%</b>

**Notes**

- 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.
- 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.
- Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s), it also does not include Account 4750 - Low Voltage (LV) Costs.

**B) Calculated Class Revenues**

Classes (same as previous table)	2017	Row 18 CA	Row 23 CA	RateMaker Col K	Row 19 CA
	Column 7B Load Forecast (LF) X current	Column 7C L.F. X current approved rates X	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue	
Residential	\$ 6,914,368	\$ 7,175,639	\$ 7,175,559	\$ 378,613	
GS < 50 kW	\$ 1,794,593	\$ 1,862,405	\$ 1,851,897	\$ 73,141	
GS 50 to 4,999 kW	\$ 2,592,029	\$ 2,689,973	\$ 2,690,066	\$ 99,396	
Large User	\$ 458,401	\$ 475,722	\$ 475,746	\$ 18,499	
Street Lighting	\$ 102,674	\$ 106,553	\$ 117,166	\$ 12,990	
Unmetered Scattered Load (USL)	\$ 23,810	\$ 24,710	\$ 24,569	\$ 1,282	
Standby Approved on an Interim Basis					
0					
<b>Total</b>	<b>\$ 11,885,874</b>	<b>\$ 12,335,003</b>	<b>\$ 12,335,003</b>	<b>\$ 583,921</b>	

existing                      1 + d

**Notes:**

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

**C) Rebalancing Revenue-to-Cost (R/C) Ratios  
2017**

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2011	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
Residential	93%	97.50	97.50	85 - 115
GS < 50 kW	120%	119.42	118.78	80 - 120
GS 50 to 4,999 kW	107%	98.70	98.70	80 - 120
Large User	93%	98.43	98.43	85 - 115
Street Lighting	104%	59.70	65.00	80 - 120
Unmetered Scattered Load (USL)	120%	119.50	118.85	80 - 120
Standby Approved on an Interim Basis	0%			
0				

**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 recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.

2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo means "Before Rebalancing".

**D) Proposed Revenue-to-Cost Ratios  
2017**

Class	Proposed Revenue-to-Cost Ratios					Policy Range
	2016	2017	2018	2019	2020	
	%	%	%	%	%	%
Residential	97.49	97.50				85 - 115
GS < 50 kW	120.00	118.78				80 - 120
GS 50 to 4,999 kW	98.61	98.70				80 - 120
Large User	95.62	98.43				85 - 115
Street Lighting	60.50	65.00				80 - 120
Unmetered Scattered Load (USL)	120.00	118.85				80 - 120
Standby Approved on an Interim Basis						0
						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 entered as 'Rebalance'.

**Appendix 2-P  
Cost Allocation - 2018**

Please complete the following four tables.

**A) Allocated Costs**

Classes	2018		Row 40 CA	
	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential	\$ 7,166,577	60.86%	\$ 8,007,473	59.98%
GS < 50 kW	\$ 1,700,371	14.44%	\$ 1,641,914	12.30%
GS 50 to 4,999 kW	\$ 2,282,143	19.38%	\$ 2,949,843	22.09%
Large User	\$ 465,454	3.95%	\$ 522,868	3.92%
Street Lighting	\$ 111,797	0.95%	\$ 207,062	1.55%
Unmetered Scattered Load (USL)	\$ 49,290	0.42%	\$ 22,008	0.16%
Standby Approved on an Interim Basis	\$ -	0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
<b>Total</b>	<b>\$ 11,775,632</b>	<b>100.00%</b>	<b>\$ 13,351,168</b>	<b>100.00%</b>

**Notes**

- 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.
- 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.
- Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s), it also does not include Account 4750 - Low Voltage (LV) Costs.

**B) Calculated Class Revenues**

Classes (same as previous table)	2018	Row 18 CA	Row 23 CA	RateMaker Col K	Row 19 CA
	Column 7B Load Forecast (LF) X current	Column 7C L.F. X current approved rates X	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue	
Residential	\$ 7,195,537	\$ 7,445,001	\$ 7,444,992	\$ 376,708	
GS < 50 kW	\$ 1,813,027	\$ 1,875,884	\$ 1,865,263	\$ 71,431	
GS 50 to 4,999 kW	\$ 2,717,446	\$ 2,811,658	\$ 2,811,698	\$ 99,502	
Large User	\$ 475,638	\$ 492,128	\$ 492,109	\$ 18,472	
Street Lighting	\$ 117,212	\$ 121,276	\$ 132,024	\$ 12,920	
Unmetered Scattered Load (USL)	\$ 24,108	\$ 24,943	\$ 24,801	\$ 1,246	
Standby Approved on an Interim Basis					
0					
<b>Total</b>	<b>\$ 12,342,967</b>	<b>\$ 12,770,890</b>	<b>\$ 12,770,887</b>	<b>\$ 580,278</b>	

**Notes:**

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

**C) Rebalancing Revenue-to-Cost (R/C) Ratios  
2018**

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2011	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
Residential	93%	97.68	97.68	85 - 115
GS < 50 kW	120%	118.60	117.95	80 - 120
GS 50 to 4,999 kW	107%	98.69	98.69	80 - 120
Large User	93%	97.65	97.65	85 - 115
Street Lighting	104%	64.81	70.00	80 - 120
Unmetered Scattered Load (USL)	120%	119.00	118.35	80 - 120
Standby Approved on an Interim Basis	0%			
0				

**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 recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.

2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo means "Before Rebalancing".

**D) Proposed Revenue-to-Cost Ratios  
2018**

Class	Proposed Revenue-to-Cost Ratios					Policy Range
	2016	2017	2018	2019	2020	
	%	%	%	%	%	%
Residential	97.49	97.50	97.68			85 - 115
GS < 50 kW	120.00	118.78	117.95			80 - 120
GS 50 to 4,999 kW	98.61	98.70	98.69			80 - 120
Large User	95.62	98.43	97.65			85 - 115
Street Lighting	60.50	65.00	70.00			80 - 120
Unmetered Scattered Load (USL)	120.00	118.85	118.35			80 - 120
Standby Approved on an Interim Basis						0
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 entered as 'Rebalance'.

**Appendix 2-P  
Cost Allocation - 2019**

Please complete the following four tables.

**A) Allocated Costs**

Classes	2019		Row 40 CA	
	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential	\$ 7,166,577	60.86%	\$ 8,254,322	59.83%
GS < 50 kW	\$ 1,700,371	14.44%	\$ 1,649,146	11.95%
GS 50 to 4,999 kW	\$ 2,282,143	19.38%	\$ 3,095,149	22.43%
Large User	\$ 465,454	3.95%	\$ 563,747	4.09%
Street Lighting	\$ 111,797	0.95%	\$ 212,720	1.54%
Unmetered Scattered Load (USL)	\$ 49,290	0.42%	\$ 22,165	0.16%
Standby Approved on an Interim Basis	\$ -	0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
<b>Total</b>	<b>\$ 11,775,632</b>	<b>100.00%</b>	<b>\$ 13,797,250</b>	<b>100.00%</b>

**Notes**

- 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.
- 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.
- Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s), it also does not include Account 4750 - Low Voltage (LV) Costs.

**B) Calculated Class Revenues**

Classes (same as previous table)	2019	Row 18 CA	Row 23 CA	RateMaker Col K	Row 19 CA
	Column 7B Load Forecast (LF) X current	Column 7C L.F. X current approved rates X	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue	
Residential	\$ 7,474,119	\$ 7,725,161	\$ 7,724,874	\$ 383,347	
GS < 50 kW	\$ 1,815,246	\$ 1,876,217	\$ 1,867,209	\$ 70,959	
GS 50 to 4,999 kW	\$ 2,839,329	\$ 2,934,697	\$ 2,934,602	\$ 102,668	
Large User	\$ 492,249	\$ 508,783	\$ 508,774	\$ 19,118	
Street Lighting	\$ 132,524	\$ 136,975	\$ 146,495	\$ 13,045	
Unmetered Scattered Load (USL)	\$ 24,233	\$ 25,046	\$ 24,926	\$ 1,232	
Standby Approved on an Interim Basis					
0					
<b>Total</b>	<b>\$ 12,777,699</b>	<b>\$ 13,206,880</b>	<b>\$ 13,206,879</b>	<b>\$ 590,370</b>	

**Notes:**

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

**C) Rebalancing Revenue-to-Cost (R/C) Ratios  
2019**

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2011	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
Residential	93%	98.23	98.23	85 - 115
GS < 50 kW	120%	118.07	117.53	80 - 120
GS 50 to 4,999 kW	107%	98.13	98.13	80 - 120
Large User	93%	93.64	93.64	85 - 115
Street Lighting	104%	70.52	75.00	80 - 120
Unmetered Scattered Load (USL)	120%	118.56	118.02	80 - 120
Standby Approved on an Interim Basis	0%			
0				

**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 recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.

2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo means "Before Rebalancing".

**D) Proposed Revenue-to-Cost Ratios  
2019**

Class	Proposed Revenue-to-Cost Ratios					Policy Range
	2016	2017	2018	2019	2020	
	%	%	%	%	%	%
Residential	97.49	97.50	97.68	98.23		85 - 115
GS < 50 kW	120.00	118.78	117.95	117.53		80 - 120
GS 50 to 4,999 kW	98.61	98.70	98.69	98.13		80 - 120
Large User	95.62	98.43	97.65	93.64		85 - 115
Street Lighting	60.50	65.00	70.00	75.00		80 - 120
Unmetered Scattered Load (USL)	120.00	118.85	118.35	118.02		80 - 120
Standby Approved on an Interim Basis						0
						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 entered as 'Rebalance'.

**Appendix 2-P  
Cost Allocation - 2020**

Please complete the following four tables.

**A) Allocated Costs**

Classes	2020		Row 40 CA	
	Costs Allocated from Previous Study	%	Costs Allocated in Test Year Study (Column 7A)	%
Residential	\$ 7,166,577	60.86%	\$ 8,442,527	59.66%
GS < 50 kW	\$ 1,700,371	14.44%	\$ 1,640,861	11.60%
GS 50 to 4,999 kW	\$ 2,282,143	19.38%	\$ 3,229,314	22.82%
Large User	\$ 465,454	3.95%	\$ 599,373	4.24%
Street Lighting	\$ 111,797	0.95%	\$ 216,125	1.53%
Unmetered Scattered Load (USL)	\$ 49,290	0.42%	\$ 22,160	0.16%
Standby Approved on an Interim Basis	\$ -	0.00%		0.00%
		0.00%		0.00%
		0.00%		0.00%
<b>Total</b>	<b>\$ 11,775,632</b>	<b>100.00%</b>	<b>\$ 14,150,360</b>	<b>100.00%</b>

**Notes**

- 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.
- 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.
- Class Revenue Requirements - If using the Board-issued model, in column 7A enter the results from Worksheet O-1, Revenue Requirement (row 40 in the 2013 model). This excludes costs in deferral and variance accounts. Note to Embedded Distributor(s), it also does not include Account 4750 - Low Voltage (LV) Costs.

**B) Calculated Class Revenues**

Classes (same as previous table)	2020	Row 18 CA	Row 23 CA	RateMaker Col K	Row 19 CA
	Column 7B Load Forecast (LF) X current	Column 7C L.F. X current approved rates X	Column 7D LF X proposed rates	Column 7E Miscellaneous Revenue	
Residential	\$ 7,772,677	\$ 7,961,457	\$ 7,961,230	\$ 390,118	
GS < 50 kW	\$ 1,810,147	\$ 1,854,111	\$ 1,845,401	\$ 70,460	
GS 50 to 4,999 kW	\$ 2,964,796	\$ 3,036,804	\$ 3,036,759	\$ 106,009	
Large User	\$ 509,276	\$ 521,645	\$ 521,633	\$ 19,721	
Street Lighting	\$ 147,050	\$ 150,621	\$ 159,729	\$ 13,171	
Unmetered Scattered Load (USL)	\$ 24,431	\$ 25,024	\$ 24,906	\$ 1,218	
Standby Approved on an Interim Basis					
0					
<b>Total</b>	<b>\$ 13,228,377</b>	<b>\$ 13,549,663</b>	<b>\$ 13,549,658</b>	<b>\$ 600,697</b>	

**Notes:**

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

**C) Rebalancing Revenue-to-Cost (R/C) Ratios  
2020**

Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year: 2011	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	%	%	%	%
Residential	93%	98.92	98.92	85 - 115
GS < 50 kW	120%	117.29	116.76	80 - 120
GS 50 to 4,999 kW	107%	97.32	97.32	80 - 120
Large User	93%	90.32	90.32	85 - 115
Street Lighting	104%	75.79	80.00	80 - 120
Unmetered Scattered Load (USL)	120%	118.42	117.89	80 - 120
Standby Approved on an Interim Basis	0%			
0				

**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 recent rebasing year is 2006, the applicant should enter the ratios from their Informational Filing.

2 Status Quo Ratios - The Board's updated Cost Allocation Model yields the Status Quo Ratios in Worksheet O-1. Status Quo means "Before Rebalancing".

**D) Proposed Revenue-to-Cost Ratios**

Class	Proposed Revenue-to-Cost Ratios					Policy Range
	2016	2017	2018	2019	2020	
	%	%	%	%	%	%
Residential	97.49	97.50	97.68	98.23	98.92	85 - 115
GS < 50 kW	120.00	118.78	117.95	117.53	116.76	80 - 120
GS 50 to 4,999 kW	98.61	98.70	98.69	98.13	97.32	80 - 120
Large User	95.62	98.43	97.65	93.64	90.32	85 - 115
Street Lighting	60.50	65.00	70.00	75.00	80.00	80 - 120
Unmetered Scattered Load (USL)	120.00	118.85	118.35	118.02	117.89	80 - 120
Standby Approved on an Interim Basis						0
						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 entered as 'Rebalance'.



**Evidence Update**  
**Attachment 3 of 5**

**Appendix 2-PA New Rate Design Policy for  
Residential Customers (2016-2020)**

## Appendix 2-PA \_2016 New Rate Design Policy For Residential Customers

Please complete the following tables.

### A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	24,157
kWh	188,042,904

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 6,888,713
--	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	12.56
Distribution Volumetric Rate (\$/kWh)	0.0154

### B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	12.56	24,157	\$ 3,640,943.04	55.70%
Variable	0.0154	188,042,904	\$ 2,895,860.71	44.30%
<b>TOTAL</b>	-	-	\$ 6,536,803.75	-

### C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years <sup>2</sup>	4
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 3,836,953.48	13.24	\$ 3,838,064.16
Variable	\$ 3,051,759.59	0.0162	\$ 3,046,295.04
<b>TOTAL</b>	\$ 6,888,713.06	-	\$ 6,884,359.20

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	66.77%	\$ 4,599,893.37	15.87	\$ 4,600,459.08
Variable	33.23%	\$ 2,288,819.69	0.0122	\$ 2,294,123.42
<b>TOTAL</b>	-	\$ 6,888,713.06	-	\$ 6,894,582.50

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 2.63
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	\$ 5,869.44
	0.09%

#### Notes:

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

## Appendix 2-PA \_2017 New Rate Design Policy For Residential Customers

Please complete the following tables.

### A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	24,311
kWh	187,260,718

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 7,175,559
--	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	15.87
Distribution Volumetric Rate (\$/kWh)	0.0154

### B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	15.87	24,311	\$ 4,629,786.84	66.96%
Variable	0.0122	187,260,718	\$ 2,284,580.76	33.04%
<b>TOTAL</b>	-	-	\$ 6,914,367.60	-

### C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years <sup>2</sup>	3
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 4,804,677.92	16.47	\$ 4,804,826.04
Variable	\$ 2,370,881.23	0.0127	\$ 2,378,211.12
<b>TOTAL</b>	\$ 7,175,559.15	-	\$ 7,183,037.16

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	77.97%	\$ 5,594,971.66	19.18	\$ 5,595,419.76
Variable	22.03%	\$ 1,580,587.49	0.0084	\$ 1,572,990.03
<b>TOTAL</b>	-	\$ 7,175,559.15	-	\$ 7,168,409.79

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 2.71
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 7,149.36
	-0.10%

#### Notes:

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

## Appendix 2-PA\_2018 New Rate Design Policy For Residential Customers

Please complete the following tables.

### A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	24,466
kWh	186,243,142

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 7,444,992
--	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	19.18
Distribution Volumetric Rate (\$/kWh)	0.0084

### B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	19.18	24,466	\$ 5,631,094.56	78.26%
Variable	0.0084	186,243,142	\$ 1,564,442.39	21.74%
<b>TOTAL</b>	-	-	\$ 7,195,536.95	-

### C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years <sup>2</sup>	2
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 5,826,313.67	19.84	\$ 5,824,865.28
Variable	\$ 1,618,678.57	0.0087	\$ 1,620,315.33
<b>TOTAL</b>	\$ 7,444,992.24	-	\$ 7,445,180.61

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	89.13%	\$ 6,635,652.96	22.60	\$ 6,635,179.20
Variable	10.87%	\$ 809,339.28	0.0043	\$ 800,845.51
<b>TOTAL</b>	-	\$ 7,444,992.24	-	\$ 7,436,024.71

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 2.76
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 8,967.53
	-0.12%

#### Notes:

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

## Appendix 2-PA \_2019 New Rate Design Policy For Residential Customers

Please complete the following tables.

### A) Data Inputs

Test Year Billing Determinants for Residential Class	
Customers	24,622
kWh	185,263,300

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 7,724,874
--	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	22.60
Distribution Volumetric Rate (\$/kWh)	0.0043

### B) Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	22.60	24,622	\$ 6,677,486.40	89.34%
Variable	0.0043	185,263,300	\$ 796,632.19	10.66%
<b>TOTAL</b>	-	-	\$ 7,474,118.59	-

### C) Calculating Test Year Base Rates

Number of Required Rate Design Policy Transition Years <sup>2</sup>	1
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 6,901,514.61	23.36	\$ 6,902,039.04
Variable	\$ 823,359.03	0.0044	\$ 815,158.52
<b>TOTAL</b>	\$ 7,724,873.64	-	\$ 7,717,197.56

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	100.00%	\$ 7,724,873.64	26.14	\$ 7,723,428.96
Variable	0.00%	-	0	-
<b>TOTAL</b>	-	\$ 7,724,873.64	-	\$ 7,723,428.96

Checks <sup>3</sup>	
Change in Fixed Rate	\$ 2.78
Difference Between Revenues @ Proposed Rates and Class Specific Revenue Requirement	-\$ 1,444.68
	-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)

### Appendix 2-PA \_2020 New Rate Design Policy For Residential Customers

Please complete the following tables.

**A) Data Inputs**

Test Year Billing Determinants for Residential Class	
Customers	24,779
kWh	184,359,435

Proposed Residential Class Specific Revenue Requirement <sup>1</sup>	\$ 7,961,230
--	--------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	26.14
Distribution Volumetric Rate (\$/kWh)	

**B) Current Fixed/Variable Split**

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	26.14	24,779	\$ 7,772,676.72	100.00%
Variable	0	184,359,435	\$ -	0.00%
<b>TOTAL</b>	-	-	\$ 7,772,676.72	-

**C) Calculating Test Year Base Rates**

Number of Required Rate Design Policy Transition Years <sup>2</sup>	0
---	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 7,961,230.03	26.77	\$ 7,960,005.96
Variable	\$ -	0	\$ -
<b>TOTAL</b>	\$ 7,961,230.03	-	\$ 7,960,005.96

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

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

**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)

**Evidence Update**  
**Attachment 4 of 5**

**Appendix 2-V Revenue Reconciliation**  
**(2016-2020)**

**Appendix 2-V  
Revenue Reconciliation - 2016**

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	24,157	24,157	24,157.00	188,042,904	-	\$ 15.87	\$ 0.0122		\$ 6,894,582.50	\$ 6,888,713		\$ 6,888,713	\$ 5,869
GS < 50 kW	Customers	2,950	2,950	2,950.00	86,732,020	-	\$ 25.98	\$ 0.0105		\$ 1,830,378.21	\$ 1,832,032		\$ 1,832,032	\$ 1,654
GS > 50 to 4,999 kW	Customers	337	337	337.00	273,255,734	745,973	\$ 306.62		\$ 2,0072	\$ 2,737,288.74	\$ 2,567,254	\$ 170,070	\$ 2,737,324	\$ 35
Large Use	Customers	3	3	3.00	147,081,903	278,065	\$ 5,548.55		\$ 1.1501	\$ 519,550.35	\$ 463,130	\$ 56,427	\$ 519,557	\$ 7
Unmetered Scattered Load	Customers	141	141	141.00	1,196,145	-	\$ 5.96	\$ 0.0119		\$ 24,318.45	\$ 24,272		\$ 24,272	\$ 47
Street Lighting	Connections	5,349	5,349	5,349.00	1,818,158	5,046	\$ 0.87		\$ 9.2375	\$ 102,455.99	\$ 102,512		\$ 102,512	\$ 56
Standby Approved on an Interim Basis		-	-	-	-	-				\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
<b>Total</b>										\$ 12,108,574.23	\$ 11,877,912	\$ 226,497	\$ 12,104,409	\$ 4,165

**Note**

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

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

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	24,311	24,311	24,311.00	187,260,718	-	\$ 19.18	\$ 0.0084		\$ 7,168,409.79	\$ 7,175,559		\$ 7,175,559	\$ 7,149
GS < 50 kW	Customers	2,901	2,901	2,901.00	84,778,808	-	\$ 26.71	\$ 0.0109		\$ 1,853,917.52	\$ 1,851,897		\$ 1,851,897	\$ 2,020
GS > 50 to 4,999 kW	Customers	343	343	343.00	273,818,458	747,509	\$ 315.67		\$ 2.0885	\$ 2,860,471.17	\$ 2,690,066	\$ 170,420	\$ 2,860,486	\$ 15
Large Use	Customers	3	3	3.00	144,444,566	273,079	\$ 5,699.70		\$ 1.1937	\$ 531,163.59	\$ 475,746	\$ 55,415	\$ 531,161	\$ 3
Unmetered Scattered Load	Customers	138	138	138.00	1,171,483	-	\$ 6.17	\$ 0.0123		\$ 24,626.76	\$ 24,569		\$ 24,569	\$ 58
Street Lighting	Connections	5,361	5,361	5,361.00	1,821,740	5,056	\$ 0.99		\$ 10.5371	\$ 116,964.26	\$ 117,166		\$ 117,166	\$ 202
Standby Approved on an Interim Basis		-	-	-	-	-				\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
										\$ -			\$ -	\$ -
<b>Total</b>										\$ 12,555,553.09	\$ 12,335,003	\$ 225,835	\$ 12,560,838	\$ 5,285



**Appendix 2-V  
Revenue Reconciliation - 2018**

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	24,466	24,466	24,466.00	186,243,142	-	\$ 22.60	\$ 0.0043		\$ 7,436,024.71	\$ 7,444,992		\$ 7,444,992	\$ 8,968
GS < 50 kW	Customers	2,853	2,853	2,853.00	82,438,874	-	\$ 27.36	\$ 0.0113		\$ 1,868,256.23	\$ 1,865,263		\$ 1,865,263	\$ 2,994
GS > 50 to 4,999 kW	Customers	350	350	350.00	273,991,419	747,982	\$ 323.35		\$ 2,1714	\$ 2,982,237.26	\$ 2,811,698	\$ 170,528	\$ 2,982,225	\$ 12
Large Use	Customers	3	3	3.00	144,385,384	272,967	\$ 5,895.74		\$ 1.2282	\$ 547,504.83	\$ 492,109	\$ 55,392	\$ 547,502	\$ 3
Unmetered Scattered Load	Customers	135	135	135.00	1,147,330	-	\$ 6.36	\$ 0.0126		\$ 24,759.56	\$ 24,801		\$ 24,801	\$ 42
Street Lighting	Connections	5,373	5,373	5,373.00	1,825,321	5,066	\$ 1.12		\$ 11.8498	\$ 132,244.21	\$ 132,024		\$ 132,024	\$ 220
Standby Approved on an Interim Basis				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
<b>Total</b>										\$ 12,991,026.80	\$ 12,770,887	\$ 225,920	\$ 12,996,807	\$ 5,780

**Appendix 2-V  
Revenue Reconciliation - 2019**

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	24,622	24,622	24,622.00	185,263,300	-	\$ 26.14	\$ -	\$ -	\$ 7,723,428.96	\$ 7,724,874		\$ 7,724,874	\$ 1,445
GS < 50 kW	Customers	2,805	2,805	2,805.00	79,142,304	-	\$ 27.85	\$ 0.0117		\$ 1,863,395.96	\$ 1,867,209		\$ 1,867,209	\$ 3,813
GS > 50 to 4,999 kW	Customers	357	357	357.00	274,077,767	748,217	\$ 330.86		\$ 2.2557	\$ 3,105,158.07	\$ 2,934,602	\$ 170,582	\$ 3,105,183	\$ 25
Large Use	Customers	3	3	3.00	144,455,963	273,101	\$ 6,095.39		\$ 1.2624	\$ 564,196.15	\$ 508,774	\$ 55,419	\$ 564,193	\$ 3
Unmetered Scattered Load	Customers	132	132	132.00	1,123,675	-	\$ 6.54	\$ 0.0130		\$ 24,967.14	\$ 24,926		\$ 24,926	\$ 41
Street Lighting	Connections	5,385	5,385	5,385.00	1,828,903	5,076	\$ 1.24		\$ 13.1228	\$ 146,740.13	\$ 146,495		\$ 146,495	\$ 245
Standby Approved on an Interim Basis				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
<b>Total</b>										\$ 13,427,886.41	\$ 13,206,879	\$ 226,001	\$ 13,432,880	\$ 4,994

**Appendix 2-V  
Revenue Reconciliation - 2020**

Rate Class	Customers/ Connections	Number of Customers/Connections			Test Year Consumption		Proposed Rates			Revenues at Proposed Rates	Class Specific Revenue Requirement	Transformer Allowance Credit	Total	Difference
		Start of Test Year	End of Test Year	Average	kWh	kW	Monthly Service Charge	Volumetric						
								kWh	kW					
Residential	Customers	24,779	24,779	24,779.00	184,359,435	-	\$ 26.77	\$ -	\$ -	\$ 7,960,005.96	\$ 7,961,230		\$ 7,961,230	\$ 1,224
GS < 50 kW	Customers	2,758	2,758	2,758.00	75,933,648	-	\$ 28.00	\$ 0.0121		\$ 1,845,485.14	\$ 1,845,401		\$ 1,845,401	\$ 84
GS > 50 to 4,999 kW	Customers	364	364	364.00	274,516,295	749,414	\$ 335.80		\$ 2.3230	\$ 3,207,664.25	\$ 3,036,759	\$ 170,854	\$ 3,207,614	\$ 51
Large Use	Customers	3	3	3.00	144,705,330	273,572	\$ 6,249.45		\$ 1.2873	\$ 577,149.40	\$ 521,633	\$ 55,515	\$ 577,148	\$ 2
Unmetered Scattered Load	Customers	129	129	129.00	1,100,508	-	\$ 6.69	\$ 0.0132		\$ 24,882.83	\$ 24,906		\$ 24,906	\$ 23
Street Lighting	Connections	5,397	5,397	5,397.00	1,832,484	5,086	\$ 1.34		\$ 14.2801	\$ 159,412.35	\$ 159,729		\$ 159,729	\$ 317
Standby Approved on an Interim Basis				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
				-						\$ -			\$ -	\$ -
<b>Total</b>										<b>\$ 13,774,599.93</b>	<b>\$ 13,549,658</b>	<b>\$ 226,370</b>	<b>\$ 13,776,028</b>	<b>\$ 1,428</b>

**Note**

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

**Evidence Update**  
**Attachment 5 of 5**

**Appendix 2-W Bill Impacts (2016-2020)**

Summary of APP 2-W Bill Impacts

				TEST YEAR 1 - 2016		TEST YEAR 2 - 2017		TEST YEAR 3 - 2018		TEST YEAR 4 - 2019		TEST YEAR 5 - 2020	
Customer Class	Billing Determinant	Consumption per customer	Load per customer	Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact		Monthly Distribution Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	204	-	\$ 1.56	8.53%	\$ 2.10	10.57%	\$ 2.58	11.76%	\$ 2.66	10.84%	\$ 0.63	2.31%
GS<50 kW	kWh	2,000	-	\$ 0.58	1.15%	\$ (0.70)	(1.37%)	\$ 1.45	2.88%	\$ 1.29	2.49%	\$ 0.95	1.79%
GS>50 to 4,999 kW	kW	40,000	60	\$ 34.53	8.64%	\$ 6.57	1.51%	\$ 12.65	2.87%	\$ 12.57	2.77%	\$ 8.98	1.93%
Large Use	kW	5,000,000	8,000	\$ 1,627.75	12.01%	\$ 65.55	0.43%	\$ 472.04	3.10%	\$ 473.25	3.01%	\$ 353.26	2.18%
Unmetered Scattered Load	kWh	750	-	\$ (7.02)	(31.81%)	\$ 0.36	2.39%	\$ 0.41	2.70%	\$ 0.48	3.04%	\$ 0.30	1.84%
Street Lighting	kW	150,000	375	\$ 6,244.16	91.25%	\$ (4,185.45)	(31.98%)	\$ 1,142.26	12.83%	\$ 1,077.38	10.73%	\$ 933.99	8.40%
Standby Approved on Interim Basis	kW	-	-										

B Distribution Charge (Distribution includes sub-total A above)

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	204	-	\$ 1.47	7.40%	\$ 1.90	8.87%	\$ 2.58	11.10%	\$ 2.66	10.30%	\$ 0.63	2.21%
GS<50 kW	kWh	2,000	-	\$ (1.49)	(2.52%)	\$ 0.30	0.52%	\$ 1.45	2.51%	\$ 1.29	2.18%	\$ 0.95	1.57%
GS>50 to 4,999 kW	kW	40,000	60	\$ 30.73	5.63%	\$ 28.42	4.93%	\$ 12.65	2.09%	\$ 12.57	2.04%	\$ 8.98	1.42%
Large Use	kW	5,000,000	8,000	\$ (1,203.45)	(4.91%)	\$ 4,489.55	19.24%	\$ 472.04	1.70%	\$ 473.25	1.67%	\$ 353.26	1.23%
Unmetered Scattered Load	kWh	750	-	\$ (6.89)	(27.53%)	\$ (0.02)	(0.08%)	\$ 0.41	2.29%	\$ 0.48	2.59%	\$ 0.30	1.58%
Street Lighting	kW	150,000	375	\$ 11,198.78	151.31%	\$ (9,507.86)	(51.12%)	\$ 1,142.26	12.56%	\$ 1,077.38	10.53%	\$ 933.99	8.26%
Standby Approved on Interim Basis	kW	-	-										

C Delivery Charge (including sub-total B above)

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact		Monthly Delivery Charge Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	204	-	\$ 1.68	7.48%	\$ 1.90	7.88%	\$ 2.58	9.95%	\$ 2.66	9.32%	\$ 0.63	2.02%
GS<50 kW	kWh	2,000	-	\$ 0.28	0.34%	\$ 0.30	0.37%	\$ 1.45	1.78%	\$ 1.29	1.55%	\$ 0.95	1.13%
GS>50 to 4,999 kW	kW	40,000	60	\$ 52.22	6.33%	\$ 28.42	3.24%	\$ 12.65	1.40%	\$ 12.57	1.37%	\$ 8.98	0.97%
Large Use	kW	5,000,000	8,000	\$ 2,248.55	3.24%	\$ 4,489.55	6.27%	\$ 472.04	0.62%	\$ 473.25	0.62%	\$ 353.26	0.46%
Unmetered Scattered Load	kWh	750	-	\$ (6.15)	(17.98%)	\$ (0.02)	(0.05%)	\$ 0.41	1.48%	\$ 0.48	1.69%	\$ 0.30	1.04%
Street Lighting	kW	150,000	375	\$ 11,295.79	130.45%	\$ (9,507.86)	(47.65%)	\$ 1,142.26	10.93%	\$ 1,077.38	9.30%	\$ 933.99	7.37%
Standby Approved on Interim Basis	kW	-	-										

D Total Bill (before Taxes)

Customer Class	Billing Determinant	Consumption per customer	Load per customer	Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact		Total Monthly Bill Impact	
		kwh	kW	\$	%	\$	%	\$	%	\$	%	\$	%
Residential	kWh	204	-	\$ 0.25	0.57%	\$ 1.90	4.22%	\$ 2.58	5.52%	\$ 2.66	5.39%	\$ 0.63	1.21%
GS<50 kW	kWh	2,000	-	\$ 0.33	0.11%	\$ 0.30	0.10%	\$ 1.45	0.49%	\$ 1.29	0.43%	\$ 0.95	0.32%
GS>50 to 4,999 kW	kW	40,000	60	\$ 53.34	1.04%	\$ 28.42	0.55%	\$ 12.65	0.24%	\$ 12.57	0.24%	\$ 8.98	0.17%
Large Use	kW	5,000,000	8,000	\$ 2,271.35	0.37%	\$ 4,489.55	0.74%	\$ 472.04	0.08%	\$ 473.25	0.08%	\$ 353.26	0.06%
Unmetered Scattered Load	kWh	750	-	\$ (6.13)	(5.31%)	\$ (0.02)	(0.01%)	\$ 0.42	0.38%	\$ 0.48	0.44%	\$ 0.30	0.27%
Street Lighting	kW	150,000	375	\$ 11,299.98	45.48%	\$ (9,507.86)	(26.31%)	\$ 1,142.26	4.29%	\$ 1,077.38	3.88%	\$ 933.99	3.24%
Standby Approved on Interim Basis	kW	-	-										

Note: For Residential, no DRC and no OCEB for 2016 forward.

Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	100	\$ 1.54	\$ 0.0122	100	\$ 1.22	-\$ 0.32	-20.78%	\$ 0.0084	100	\$ 0.84	-\$ 0.38	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	100	\$ -0.01	\$ -	100	\$ -	\$ 0.01	-100.00%	\$ -	100	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	100	\$ -	\$ 0.0005	100	\$ 0.05	\$ 0.05		\$ -	100	\$ -	-\$ 0.05	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	100	\$ -	\$ 0.0004	100	\$ 0.04	\$ 0.04		\$ -	100	\$ -	-\$ 0.04	-100.00%
	per kWh \$ -	-	\$ -	\$ -	-	\$ -	\$ -		\$ -	-	\$ -	\$ -	\$ -
	\$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
	\$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
	\$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
	\$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
	\$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
	\$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 16.72			\$ 18.51	\$ 1.79	10.71%			\$ 21.10	\$ 2.59	13.99%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	100	\$ -	\$ 0.0010	100	\$ 0.10	\$ 0.10		\$ -	100	\$ -	-\$ 0.10	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	100	\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -0.0024	100	\$ -0.24	-\$ 0.24		-\$ 0.0024	100	\$ -0.24	\$ -	0.00%
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	100	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	100	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	100	\$ 0.07	\$ 0.0012	100	\$ 0.12	\$ 0.05	71.43%	\$ 0.0012	100	\$ 0.12	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	3.44	\$ 0.33	\$ 0.0950	3.93	\$ 0.37	\$ 0.05	14.24%	\$ 0.0950	3.93	\$ 0.37	\$ -	0.00%
Smart Meter Enticement Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -		\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 17.91			\$ 19.65	\$ 1.75	9.75%			\$ 22.14	\$ 2.49	12.67%
RTSR - Network	per kWh \$ 0.0067	103	\$ 0.69	\$ 0.0071	104	\$ 0.74	\$ 0.04	6.47%	\$ 0.0071	104	\$ 0.74	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	103	\$ 0.53	\$ 0.0056	104	\$ 0.58	\$ 0.05	10.32%	\$ 0.0056	104	\$ 0.58	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 19.13			\$ 20.97	\$ 1.85	9.65%			\$ 23.46	\$ 2.49	11.87%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	103	\$ 0.46	\$ 0.0044	104	\$ 0.46	\$ 0.00	0.47%	\$ 0.0044	104	\$ 0.46	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	103	\$ 0.13	\$ 0.0013	104	\$ 0.14	\$ 0.00	0.47%	\$ 0.0013	104	\$ 0.14	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	100	\$ 0.70	\$ -	100	\$ -	-\$ 0.70	-100.00%	\$ -	100	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	64	\$ 4.93	\$ 0.0770	64	\$ 4.93	\$ -	0.00%	\$ 0.0770	64	\$ 4.93	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	18	\$ 2.05	\$ 0.1140	18	\$ 2.05	\$ -	0.00%	\$ 0.1140	18	\$ 2.05	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	18	\$ 2.52	\$ 0.1400	18	\$ 2.52	\$ -	0.00%	\$ 0.1400	18	\$ 2.52	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	100	\$ 8.80	\$ 0.0880	100	\$ 8.80	\$ -	0.00%	\$ 0.0880	100	\$ 8.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	0	\$ -	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	\$ -
<b>Total Bill on TOU (before Taxes)</b>			\$ 30.17			\$ 31.32	\$ 1.15	3.81%			\$ 33.81	\$ 2.49	7.95%
HST		13%	\$ 3.92		13%	\$ 4.07	\$ 0.15	3.81%		13%	\$ 4.39	\$ 0.32	7.95%
<b>Total Bill (including HST)</b>			\$ 34.09			\$ 35.39	\$ 1.30	3.81%			\$ 38.20	\$ 2.81	7.95%
<b>Ontario Clean Energy Benefit †</b>			-\$ 3.41			\$ -	-\$ 3.41	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 30.68			\$ 35.39	\$ 4.71	15.35%			\$ 38.20	\$ 2.81	7.95%
<b>Total Bill on RPP (before Taxes)</b>			\$ 29.47			\$ 30.62	\$ 1.15	3.90%			\$ 33.11	\$ 2.49	8.13%
HST		13%	\$ 3.83		13%	\$ 3.98	\$ 0.15	3.90%		13%	\$ 4.30	\$ 0.32	8.13%
<b>Total Bill (including HST)</b>			\$ 33.30			\$ 34.60	\$ 1.30	3.90%			\$ 37.41	\$ 2.81	8.13%
<b>Ontario Clean Energy Benefit †</b>			-\$ 3.33			\$ -	-\$ 3.33	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 29.97			\$ 34.60	\$ 4.63	15.44%			\$ 37.41	\$ 2.81	8.13%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	100	\$ 1.54	\$ 0.0122	100	\$ 1.22	-\$ 0.32	-20.78%	\$ 0.0084	100	\$ 0.84	-\$ 0.38	-31.15%
<b>"Regular" Distribution Only</b>			\$ 14.10			\$ 17.09	\$ 2.99	21.21%			\$ 20.02	\$ 2.93	17.14%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	100	\$ 0.43	-\$ 0.41	-48.81%	\$ -	100	\$ -	-\$ 0.43	-100.00%	\$ -	100	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
LRAM VA (2016)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
		-	\$ -	\$ -			-	\$ -	\$ -			-	\$ -	\$ -	
		100	\$ -	\$ -			100	\$ -	\$ -			100	\$ -	\$ -	
		100	\$ -	\$ -			100	\$ -	\$ -			100	\$ -	\$ -	
		100	\$ -	\$ -			100	\$ -	\$ -			100	\$ -	\$ -	
		100	\$ -	\$ -			100	\$ -	\$ -			100	\$ -	\$ -	
		100	\$ -	\$ -			100	\$ -	\$ -			100	\$ -	\$ -	
		100	\$ -	\$ -			100	\$ -	\$ -			100	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 24.11	\$ 3.01	14.27%			\$ 27.22	\$ 3.11	12.90%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	100	-\$ 0.24	\$ -	0.00%	-\$ 0.0024	100	-\$ 0.24	\$ -	0.00%	-\$ 0.0024	100	-\$ 0.24	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	100	\$ 0.12	\$ -	0.00%	\$ 0.0012	100	\$ 0.12	\$ -	0.00%	\$ 0.0012	100	\$ 0.12	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	3.93	\$ 0.37	\$ -	0.00%	\$ 0.0950	3.93	\$ 0.37	\$ -	0.00%	\$ 0.0950	3.93	\$ 0.37	\$ -	0.00%
Smart Meter Entirety Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 25.15	\$ 3.01	13.59%			\$ 28.26	\$ 3.11	12.36%			\$ 28.89	\$ 0.63	2.23%
RTSR - Network	\$ 0.0071	104	\$ 0.74	\$ -	0.00%	\$ 0.0071	104	\$ 0.74	\$ -	0.00%	\$ 0.0071	104	\$ 0.74	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	104	\$ 0.58	\$ -	0.00%	\$ 0.0056	104	\$ 0.58	\$ -	0.00%	\$ 0.0056	104	\$ 0.58	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 26.47	\$ 3.01	12.83%			\$ 29.58	\$ 3.11	11.75%			\$ 30.21	\$ 0.63	2.13%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	104	\$ 0.46	\$ -	0.00%	\$ 0.0044	104	\$ 0.46	\$ -	0.00%	\$ 0.0044	104	\$ 0.46	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	104	\$ 0.14	\$ -	0.00%	\$ 0.0013	104	\$ 0.14	\$ -	0.00%	\$ 0.0013	104	\$ 0.14	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	64	\$ 4.93	\$ -	0.00%	\$ 0.0770	64	\$ 4.93	\$ -	0.00%	\$ 0.0770	64	\$ 4.93	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	18	\$ 2.05	\$ -	0.00%	\$ 0.1140	18	\$ 2.05	\$ -	0.00%	\$ 0.1140	18	\$ 2.05	\$ -	0.00%
TOU - On Peak	\$ 0.1400	18	\$ 2.52	\$ -	0.00%	\$ 0.1400	18	\$ 2.52	\$ -	0.00%	\$ 0.1400	18	\$ 2.52	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	100	\$ 8.80	\$ -	0.00%	\$ 0.0880	100	\$ 8.80	\$ -	0.00%	\$ 0.0880	100	\$ 8.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 36.82	\$ 3.01	8.90%			\$ 39.93	\$ 3.11	8.45%			\$ 40.56	\$ 0.63	1.58%
HST		13%	\$ 4.79	\$ 0.39	8.90%		13%	\$ 5.19	\$ 0.40	8.45%		13%	\$ 5.27	\$ 0.08	1.58%
<b>Total Bill (including HST)</b>			\$ 41.60	\$ 3.40	8.90%			\$ 45.12	\$ 3.51	8.45%			\$ 45.83	\$ 0.71	1.58%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 41.60	\$ 3.40	8.90%			\$ 45.12	\$ 3.51	8.45%			\$ 45.83	\$ 0.71	1.58%
<b>Total Bill on RPP (before Taxes)</b>			\$ 36.12	\$ 3.01	9.09%			\$ 39.23	\$ 3.11	8.61%			\$ 39.86	\$ 0.63	1.61%
HST		13%	\$ 4.70	\$ 0.39	9.09%		13%	\$ 5.10	\$ 0.40	8.61%		13%	\$ 5.18	\$ 0.08	1.61%
<b>Total Bill (including HST)</b>			\$ 40.81	\$ 3.40	9.09%			\$ 44.32	\$ 3.51	8.61%			\$ 45.04	\$ 0.71	1.61%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 40.81	\$ 3.40	9.09%			\$ 44.32	\$ 3.51	8.61%			\$ 45.04	\$ 0.71	1.61%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	100	\$ 0.43	-\$ 0.41	-48.81%	\$ -	100	\$ -	-\$ 0.43	-100.00%	\$ -	100	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 23.03	\$ 3.01	15.03%			\$ 26.14	\$ 3.11	13.50%			\$ 26.77	\$ 0.63	2.41%

Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	204	\$ 3.14	\$ 0.0122	204	\$ 2.49	-\$ 0.65	-20.78%	\$ 0.0084	204	\$ 1.71	-\$ 0.78	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	204	\$ 0.02	\$ -	204	\$ -	\$ 0.02	-100.00%	\$ -	204	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	204	\$ -	\$ 0.0005	204	\$ 0.10	\$ 0.10		\$ -	204	\$ -	-\$ 0.10	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	204	\$ -	\$ 0.0004	204	\$ 0.08	\$ 0.08		\$ -	204	\$ -	-\$ 0.08	-100.00%
	per kWh \$ -	-	\$ -	\$ -	-	\$ -	\$ -		\$ -	-	\$ -	\$ -	\$ -
	\$ -	204	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
	\$ -	204	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
	\$ -	204	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
	\$ -	204	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
	\$ -	204	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 18.31			\$ 19.87	\$ 1.56	8.53%			\$ 21.97	\$ 2.10	10.57%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	204	\$ -	\$ 0.0010	204	\$ 0.20	\$ 0.20		\$ -	204	\$ -	-\$ 0.20	-100.00%
	204	\$ -	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	204	\$ -	-\$ 0.0024	204	\$ 0.49	-\$ 0.49		-\$ 0.0024	204	\$ 0.49	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	204	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	204	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	204	\$ 0.14	\$ 0.0012	204	\$ 0.24	\$ 0.10	71.43%	\$ 0.0012	204	\$ 0.24	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	7.0176	\$ 0.67	\$ 0.0950	8.0172	\$ 0.76	\$ 0.09	14.24%	\$ 0.0950	8.0172	\$ 0.76	\$ -	0.00%
Smart Meter Entire Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -		\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 19.91			\$ 21.38	\$ 1.47	7.40%			\$ 23.28	\$ 1.90	8.87%
RTSR - Network	per kWh \$ 0.0067	211	\$ 1.41	\$ 0.0071	212	\$ 1.51	\$ 0.09	6.47%	\$ 0.0071	212	\$ 1.51	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	211	\$ 1.08	\$ 0.0056	212	\$ 1.19	\$ 0.11	10.32%	\$ 0.0056	212	\$ 1.19	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 22.40			\$ 24.08	\$ 1.68	7.48%			\$ 25.97	\$ 1.90	7.88%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	211	\$ 0.93	\$ 0.0044	212	\$ 0.93	\$ 0.00	0.47%	\$ 0.0044	212	\$ 0.93	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	211	\$ 0.27	\$ 0.0013	212	\$ 0.28	\$ 0.00	0.47%	\$ 0.0013	212	\$ 0.28	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	204	\$ 1.43	\$ -	204	\$ -	-\$ 1.43	-100.00%	\$ -	204	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	131	\$ 10.05	\$ 0.0770	131	\$ 10.05	\$ -	0.00%	\$ 0.0770	131	\$ 10.05	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	37	\$ 4.19	\$ 0.1140	37	\$ 4.19	\$ -	0.00%	\$ 0.1140	37	\$ 4.19	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	37	\$ 5.14	\$ 0.1400	37	\$ 5.14	\$ -	0.00%	\$ 0.1400	37	\$ 5.14	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	204	\$ 17.95	\$ 0.0880	204	\$ 17.95	\$ -	0.00%	\$ 0.0880	204	\$ 17.95	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	0	\$ -	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	\$ -
<b>Total Bill on TOU (before Taxes)</b>			\$ 44.66			\$ 44.91	\$ 0.25	0.57%			\$ 46.81	\$ 1.90	4.22%
HST	13%		\$ 5.81	13%		\$ 5.84	\$ 0.03	0.57%	13%		\$ 6.09	\$ 0.25	4.22%
<b>Total Bill (including HST)</b>			\$ 50.47			\$ 50.75	\$ 0.29	0.57%			\$ 52.90	\$ 2.14	4.22%
Ontario Clean Energy Benefit †			-\$ 5.05			\$ -	-\$ 5.05	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 45.42			\$ 50.75	\$ 5.34	11.75%			\$ 52.90	\$ 2.14	4.22%
<b>Total Bill on RPP (before Taxes)</b>			\$ 43.23			\$ 43.49	\$ 0.25	0.58%			\$ 45.38	\$ 1.90	4.36%
HST	13%		\$ 5.62	13%		\$ 5.65	\$ 0.03	0.58%	13%		\$ 5.90	\$ 0.25	4.36%
<b>Total Bill (including HST)</b>			\$ 48.85			\$ 49.14	\$ 0.29	0.58%			\$ 51.28	\$ 2.14	4.36%
Ontario Clean Energy Benefit †			-\$ 4.89			\$ -	-\$ 4.89	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 43.96			\$ 49.14	\$ 5.18	11.77%			\$ 51.28	\$ 2.14	4.36%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	204	\$ 3.14	\$ 0.0122	204	\$ 2.49	-\$ 0.65	-20.78%	\$ 0.0084	204	\$ 1.71	-\$ 0.78	-31.15%
<b>"Regular" Distribution Only</b>			\$ 15.70			\$ 18.36	\$ 2.66	16.92%			\$ 20.89	\$ 2.53	13.81%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	204	\$ 0.88	-\$ 0.84	-48.81%	\$ -	204	\$ -	-\$ 0.88	-100.00%	\$ -	204	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
LRAM VA (2016)	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
		-	\$ -	\$ -			-	\$ -	\$ -			-	\$ -	\$ -	
		204	\$ -	\$ -			204	\$ -	\$ -			204	\$ -	\$ -	
		204	\$ -	\$ -			204	\$ -	\$ -			204	\$ -	\$ -	
		204	\$ -	\$ -			204	\$ -	\$ -			204	\$ -	\$ -	
		204	\$ -	\$ -			204	\$ -	\$ -			204	\$ -	\$ -	
		204	\$ -	\$ -			204	\$ -	\$ -			204	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 24.56	\$ 2.58	11.76%			\$ 27.22	\$ 2.66	10.84%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
		204	\$ -	\$ -			204	\$ -	\$ -			204	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	204	-\$ 0.49	\$ -	0.00%	-\$ 0.0024	204	-\$ 0.49	\$ -	0.00%	-\$ 0.0024	204	-\$ 0.49	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	204	\$ 0.24	\$ -	0.00%	\$ 0.0012	204	\$ 0.24	\$ -	0.00%	\$ 0.0012	204	\$ 0.24	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	8,0172	\$ 0.76	\$ -	0.00%	\$ 0.0950	8,0172	\$ 0.76	\$ -	0.00%	\$ 0.0950	8,0172	\$ 0.76	\$ -	0.00%
Smart Meter Enticement Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 25.86	\$ 2.58	11.10%			\$ 28.53	\$ 2.66	10.30%			\$ 29.16	\$ 0.63	2.21%
RTSR - Network	\$ 0.0071	212	\$ 1.51	\$ -	0.00%	\$ 0.0071	212	\$ 1.51	\$ -	0.00%	\$ 0.0071	212	\$ 1.51	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	212	\$ 1.19	\$ -	0.00%	\$ 0.0056	212	\$ 1.19	\$ -	0.00%	\$ 0.0056	212	\$ 1.19	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 28.56	\$ 2.58	9.95%			\$ 31.22	\$ 2.66	9.32%			\$ 31.85	\$ 0.63	2.02%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	212	\$ 0.93	\$ -	0.00%	\$ 0.0044	212	\$ 0.93	\$ -	0.00%	\$ 0.0044	212	\$ 0.93	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	212	\$ 0.28	\$ -	0.00%	\$ 0.0013	212	\$ 0.28	\$ -	0.00%	\$ 0.0013	212	\$ 0.28	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -		\$ -	204	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	131	\$ 10.05	\$ -	0.00%	\$ 0.0770	131	\$ 10.05	\$ -	0.00%	\$ 0.0770	131	\$ 10.05	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	37	\$ 4.19	\$ -	0.00%	\$ 0.1140	37	\$ 4.19	\$ -	0.00%	\$ 0.1140	37	\$ 4.19	\$ -	0.00%
TOU - On Peak	\$ 0.1400	37	\$ 5.14	\$ -	0.00%	\$ 0.1400	37	\$ 5.14	\$ -	0.00%	\$ 0.1400	37	\$ 5.14	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	204	\$ 17.95	\$ -	0.00%	\$ 0.0880	204	\$ 17.95	\$ -	0.00%	\$ 0.0880	204	\$ 17.95	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 49.40	\$ 2.58	5.52%			\$ 52.06	\$ 2.66	5.39%			\$ 52.69	\$ 0.63	1.21%
HST	13%		\$ 6.42	\$ 0.34	5.52%	13%		\$ 6.77	\$ 0.35	5.39%	13%		\$ 6.85	\$ 0.08	1.21%
<b>Total Bill (including HST)</b>			\$ 55.82	\$ 2.92	5.52%			\$ 58.83	\$ 3.01	5.39%			\$ 59.54	\$ 0.71	1.21%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 55.82	\$ 2.92	5.52%			\$ 58.83	\$ 3.01	5.39%			\$ 59.54	\$ 0.71	1.21%
<b>Total Bill on RPP (before Taxes)</b>			\$ 47.97	\$ 2.58	5.69%			\$ 50.63	\$ 2.66	5.55%			\$ 51.26	\$ 0.63	1.24%
HST	13%		\$ 6.24	\$ 0.34	5.69%	13%		\$ 6.58	\$ 0.35	5.55%	13%		\$ 6.66	\$ 0.08	1.24%
<b>Total Bill (including HST)</b>			\$ 54.20	\$ 2.92	5.69%			\$ 57.21	\$ 3.01	5.55%			\$ 57.92	\$ 0.71	1.24%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 54.20	\$ 2.92	5.69%			\$ 57.21	\$ 3.01	5.55%			\$ 57.92	\$ 0.71	1.24%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	204	\$ 0.88	-\$ 0.84	-48.81%	\$ -	204	\$ -	-\$ 0.88	-100.00%	\$ -	204	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 23.48	\$ 2.58	12.37%			\$ 26.14	\$ 2.66	11.34%			\$ 26.77	\$ 0.63	2.41%



Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	250	\$ 3.85	per kWh \$ 0.0122	250	\$ 3.05	-\$ 0.80	-20.78%	per kWh \$ 0.0084	250	\$ 2.10	-\$ 0.95	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	250	\$ 0.03	per kWh \$ -	250	\$ -	-\$ 0.03	-100.00%	per kWh \$ -	250	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	250	\$ -	per kWh \$ 0.0005	250	\$ 0.13	\$ 0.13		per kWh \$ -	250	\$ -	-\$ 0.13	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	250	\$ -	per kWh \$ 0.0004	250	\$ 0.10	\$ 0.10		per kWh \$ -	250	\$ -	-\$ 0.10	-100.00%
	per kWh \$ -	-	\$ -		-	\$ -	\$ -			-	\$ -	\$ -	\$ -
	\$ -	250	\$ -		250	\$ -	\$ -		\$ -	250	\$ -	\$ -	\$ -
	\$ -	250	\$ -		250	\$ -	\$ -		\$ -	250	\$ -	\$ -	\$ -
	\$ -	250	\$ -		250	\$ -	\$ -		\$ -	250	\$ -	\$ -	\$ -
	\$ -	250	\$ -		250	\$ -	\$ -		\$ -	250	\$ -	\$ -	\$ -
	\$ -	250	\$ -		250	\$ -	\$ -		\$ -	250	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 19.02			\$ 20.48	\$ 1.46	7.68%			\$ 22.36	\$ 1.89	9.21%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	250	\$ -	per kWh \$ 0.0010	250	\$ 0.25	\$ 0.25		per kWh \$ -	250	\$ -	-\$ 0.25	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	250	\$ -	per kWh \$ -	250	\$ -	\$ -		per kWh \$ -	250	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	per kWh \$ -	250	\$ -	-\$ 0.60		per kWh \$ -	250	\$ -	\$ -	0.00%
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	250	\$ -	per kWh \$ 0.0137	0	\$ -	\$ -		per kWh \$ -	250	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	250	\$ 0.18	per kWh \$ 0.0012	250	\$ 0.30	\$ 0.13	71.43%	per kWh \$ 0.0012	250	\$ 0.30	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	8.6	\$ 0.82	per kWh \$ 0.0950	9.825	\$ 0.93	\$ 0.12	14.24%	per kWh \$ 0.0950	9.825	\$ 0.93	\$ -	0.00%
Smart Meter Entire Charge	Monthly \$ 0.7900	1	\$ 0.79	Monthly \$ 0.7900	1	\$ 0.79	\$ -		Monthly \$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 20.80			\$ 22.15	\$ 1.35	6.50%			\$ 23.78	\$ 1.64	7.38%
RTSR - Network	per kWh \$ 0.0067	259	\$ 1.73	per kWh \$ 0.0071	260	\$ 1.84	\$ 0.11	6.47%	per kWh \$ 0.0071	260	\$ 1.84	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	259	\$ 1.32	per kWh \$ 0.0056	260	\$ 1.46	\$ 0.14	10.32%	per kWh \$ 0.0056	260	\$ 1.46	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 23.85			\$ 25.45	\$ 1.60	6.71%			\$ 27.08	\$ 1.64	6.42%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	259	\$ 1.14	per kWh \$ 0.0044	260	\$ 1.14	\$ 0.01	0.47%	per kWh \$ 0.0044	260	\$ 1.14	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	259	\$ 0.34	per kWh \$ 0.0013	260	\$ 0.34	\$ 0.00	0.47%	per kWh \$ 0.0013	260	\$ 0.34	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	250	\$ 1.75	per kWh \$ -	250	\$ -	-\$ 1.75	-100.00%	per kWh \$ -	250	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	160	\$ 12.32	per kWh \$ 0.0770	160	\$ 12.32	\$ -	0.00%	per kWh \$ 0.0770	160	\$ 12.32	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	45	\$ 5.13	per kWh \$ 0.1140	45	\$ 5.13	\$ -	0.00%	per kWh \$ 0.1140	45	\$ 5.13	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	45	\$ 6.30	per kWh \$ 0.1400	45	\$ 6.30	\$ -	0.00%	per kWh \$ 0.1400	45	\$ 6.30	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	250	\$ 22.00	per kWh \$ 0.0880	250	\$ 22.00	\$ -	0.00%	per kWh \$ 0.0880	250	\$ 22.00	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	0	\$ -	per kWh \$ 0.1030	0	\$ -	\$ -		per kWh \$ 0.1030	0	\$ -	\$ -	\$ -
<b>Total Bill on TOU (before Taxes)</b>			\$ 51.07			\$ 50.93	-\$ 0.14	-0.28%			\$ 52.56	\$ 1.64	3.21%
HST		13%	\$ 6.64		13%	\$ 6.62	-\$ 0.02	-0.28%		13%	\$ 6.83	\$ 0.21	3.21%
<b>Total Bill (including HST)</b>			\$ 57.71			\$ 57.55	-\$ 0.16	-0.28%			\$ 59.40	\$ 1.85	3.21%
<b>Ontario Clean Energy Benefit <sup>†</sup></b>			-\$ 5.77			\$ -	-\$ 5.77	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 51.94			\$ 57.55	\$ 5.61	10.80%			\$ 59.40	\$ 1.85	3.21%
<b>Total Bill on RPP (before Taxes)</b>			\$ 49.32			\$ 49.18	-\$ 0.14	-0.29%			\$ 50.81	\$ 1.64	3.32%
HST		13%	\$ 6.41		13%	\$ 6.39	-\$ 0.02	-0.29%		13%	\$ 6.61	\$ 0.21	3.32%
<b>Total Bill (including HST)</b>			\$ 55.73			\$ 55.57	-\$ 0.16	-0.29%			\$ 57.42	\$ 1.85	3.32%
<b>Ontario Clean Energy Benefit <sup>†</sup></b>			-\$ 5.57			\$ -	-\$ 5.57	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 50.16			\$ 55.57	\$ 5.41	10.78%			\$ 57.42	\$ 1.85	3.32%

Loss Factor (%)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	250	\$ 3.85	per kWh \$ 0.0122	250	\$ 3.05	-\$ 0.80	-20.78%	per kWh \$ 0.0084	250	\$ 2.10	-\$ 0.95	-31.15%
<b>"Regular" Distribution Only</b>			\$ 16.41			\$ 18.92	\$ 2.51	15.30%			\$ 21.28	\$ 2.36	12.47%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	250	\$ 1.08	-\$ 1.03	-48.81%	\$ -	250	\$ -	-\$ 1.08	-100.00%	\$ -	250	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
LRAM VA (2016)	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
		-	\$ -	\$ -			-	\$ -	\$ -			-	\$ -	\$ -	
		250	\$ -	\$ -			250	\$ -	\$ -			250	\$ -	\$ -	
		250	\$ -	\$ -			250	\$ -	\$ -			250	\$ -	\$ -	
		250	\$ -	\$ -			250	\$ -	\$ -			250	\$ -	\$ -	
		250	\$ -	\$ -			250	\$ -	\$ -			250	\$ -	\$ -	
		250	\$ -	\$ -			250	\$ -	\$ -			250	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 24.76	\$ 2.40	10.71%			\$ 27.22	\$ 2.47	9.96%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	250	-\$ 0.60	\$ -	0.00%	-\$ 0.0024	250	-\$ 0.60	\$ -	0.00%	-\$ 0.0024	250	-\$ 0.60	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	250	\$ 0.30	\$ -	0.00%	\$ 0.0012	250	\$ 0.30	\$ -	0.00%	\$ 0.0012	250	\$ 0.30	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	9,825	\$ 0.93	\$ -	0.00%	\$ 0.0950	9,825	\$ 0.93	\$ -	0.00%	\$ 0.0950	9,825	\$ 0.93	\$ -	0.00%
Smart Meter Enticement Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 26.18	\$ 2.40	10.07%			\$ 28.64	\$ 2.47	9.42%			\$ 29.27	\$ 0.63	2.20%
RTSR - Network	\$ 0.0071	260	\$ 1.84	\$ -	0.00%	\$ 0.0071	260	\$ 1.84	\$ -	0.00%	\$ 0.0071	260	\$ 1.84	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	260	\$ 1.46	\$ -	0.00%	\$ 0.0056	260	\$ 1.46	\$ -	0.00%	\$ 0.0056	260	\$ 1.46	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 29.48	\$ 2.40	8.84%			\$ 31.94	\$ 2.47	8.36%			\$ 32.57	\$ 0.63	1.97%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	260	\$ 1.14	\$ -	0.00%	\$ 0.0044	260	\$ 1.14	\$ -	0.00%	\$ 0.0044	260	\$ 1.14	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	260	\$ 0.34	\$ -	0.00%	\$ 0.0013	260	\$ 0.34	\$ -	0.00%	\$ 0.0013	260	\$ 0.34	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -		\$ -	250	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	160	\$ 12.32	\$ -	0.00%	\$ 0.0770	160	\$ 12.32	\$ -	0.00%	\$ 0.0770	160	\$ 12.32	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	45	\$ 5.13	\$ -	0.00%	\$ 0.1140	45	\$ 5.13	\$ -	0.00%	\$ 0.1140	45	\$ 5.13	\$ -	0.00%
TOU - On Peak	\$ 0.1400	45	\$ 6.30	\$ -	0.00%	\$ 0.1400	45	\$ 6.30	\$ -	0.00%	\$ 0.1400	45	\$ 6.30	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	250	\$ 22.00	\$ -	0.00%	\$ 0.0880	250	\$ 22.00	\$ -	0.00%	\$ 0.0880	250	\$ 22.00	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 54.96	\$ 2.40	4.56%			\$ 57.42	\$ 2.47	4.49%			\$ 58.05	\$ 0.63	1.10%
HST	13%		\$ 7.14	\$ 0.31	4.56%	13%		\$ 7.47	\$ 0.32	4.49%	13%		\$ 7.55	\$ 0.08	1.10%
<b>Total Bill (including HST)</b>			\$ 62.10	\$ 2.71	4.56%			\$ 64.89	\$ 2.79	4.49%			\$ 65.60	\$ 0.71	1.10%
Ontario Clean Energy Benefit †			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 62.10	\$ 2.71	4.56%			\$ 64.89	\$ 2.79	4.49%			\$ 65.60	\$ 0.71	1.10%
<b>Total Bill on RPP (before Taxes)</b>			\$ 53.21	\$ 2.40	4.71%			\$ 55.67	\$ 2.47	4.63%			\$ 56.30	\$ 0.63	1.13%
HST	13%		\$ 6.92	\$ 0.31	4.71%	13%		\$ 7.24	\$ 0.32	4.63%	13%		\$ 7.32	\$ 0.08	1.13%
<b>Total Bill (including HST)</b>			\$ 60.13	\$ 2.71	4.71%			\$ 62.91	\$ 2.79	4.63%			\$ 63.62	\$ 0.71	1.13%
Ontario Clean Energy Benefit †			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 60.13	\$ 2.71	4.71%			\$ 62.91	\$ 2.79	4.63%			\$ 63.62	\$ 0.71	1.13%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	250	\$ 1.08	-\$ 1.03	-48.81%	\$ -	250	\$ -	-\$ 1.08	-100.00%	\$ -	250	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 23.68	\$ 2.40	11.25%			\$ 26.14	\$ 2.47	10.41%			\$ 26.77	\$ 0.63	2.41%

Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	-\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	-\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	500	\$ 7.70	\$ 0.0122	500	\$ 6.10	-\$ 1.60	-20.78%	\$ 0.0084	500	\$ 4.20	-\$ 1.90	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	500	\$ 0.05	\$ -	500	\$ -	\$ 0.05	-100.00%	\$ -	500	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	500	\$ -	\$ 0.0005	500	\$ 0.25	\$ 0.25		\$ -	500	\$ -	-\$ 0.25	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	500	\$ -	\$ 0.0004	500	\$ 0.20	\$ 0.20		\$ -	500	\$ -	-\$ 0.20	-100.00%
	per kWh \$ -	-	\$ -	\$ -	-	\$ -	\$ -		\$ -	-	\$ -	\$ -	\$ -
	\$ -	500	\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
	\$ -	500	\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
	\$ -	500	\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
	\$ -	500	\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
	\$ -	500	\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 22.84			\$ 23.75	\$ 0.91	3.98%			\$ 24.46	\$ 0.71	2.99%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	500	\$ -	\$ 0.0010	500	\$ 0.50	\$ 0.50		\$ -	500	\$ -	-\$ 0.50	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	500	\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	500	\$ -	-\$ 1.20		-\$ 0.0024	500	\$ 1.20	\$ -	0.00%
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	500	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	500	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	500	\$ 0.35	\$ 0.0012	500	\$ 0.60	\$ 0.25	71.43%	\$ 0.0012	500	\$ 0.60	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	17.2	\$ 1.63	\$ 0.0950	19.65	\$ 1.87	\$ 0.23	14.24%	\$ 0.0950	19.65	\$ 1.87	\$ -	0.00%
Smart Meter Enticement Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -		\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 25.61			\$ 26.31	\$ 0.69	2.70%			\$ 26.52	\$ 0.21	0.80%
RTSR - Network	per kWh \$ 0.0067	517	\$ 3.47	\$ 0.0071	520	\$ 3.69	\$ 0.22	6.47%	\$ 0.0071	520	\$ 3.69	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	517	\$ 2.64	\$ 0.0056	520	\$ 2.91	\$ 0.27	10.32%	\$ 0.0056	520	\$ 2.91	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 31.72			\$ 32.91	\$ 1.19	3.75%			\$ 33.12	\$ 0.21	0.64%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	517	\$ 2.28	\$ 0.0044	520	\$ 2.29	\$ 0.01	0.47%	\$ 0.0044	520	\$ 2.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	517	\$ 0.67	\$ 0.0013	520	\$ 0.68	\$ 0.00	0.47%	\$ 0.0013	520	\$ 0.68	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	500	\$ 3.50	\$ -	500	\$ -	-\$ 3.50	-100.00%	\$ -	500	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	320	\$ 24.64	\$ 0.0770	320	\$ 24.64	\$ -	0.00%	\$ 0.0770	320	\$ 24.64	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	90	\$ 10.26	\$ 0.1140	90	\$ 10.26	\$ -	0.00%	\$ 0.1140	90	\$ 10.26	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	90	\$ 12.60	\$ 0.1400	90	\$ 12.60	\$ -	0.00%	\$ 0.1400	90	\$ 12.60	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	500	\$ 44.00	\$ 0.0880	500	\$ 44.00	\$ -	0.00%	\$ 0.0880	500	\$ 44.00	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	0	\$ -	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	\$ -
<b>Total Bill on TOU (before Taxes)</b>			\$ 85.92			\$ 83.62	-\$ 2.30	-2.67%			\$ 83.83	\$ 0.21	0.25%
HST	13%		\$ 11.17	13%		\$ 10.87	-\$ 0.30	-2.67%	13%		\$ 10.90	\$ 0.03	0.25%
<b>Total Bill (including HST)</b>			\$ 97.08			\$ 94.49	-\$ 2.60	-2.67%			\$ 94.73	\$ 0.24	0.25%
<b>Ontario Clean Energy Benefit †</b>			-\$ 9.71			\$ -	-\$ 9.71	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 87.37			\$ 94.49	\$ 7.11	8.14%			\$ 94.73	\$ 0.24	0.25%
<b>Total Bill on RPP (before Taxes)</b>			\$ 82.42			\$ 80.12	-\$ 2.30	-2.79%			\$ 80.33	\$ 0.21	0.26%
HST	13%		\$ 10.71	13%		\$ 10.42	-\$ 0.30	-2.79%	13%		\$ 10.44	\$ 0.03	0.26%
<b>Total Bill (including HST)</b>			\$ 93.13			\$ 90.53	-\$ 2.60	-2.79%			\$ 90.77	\$ 0.24	0.26%
<b>Ontario Clean Energy Benefit †</b>			-\$ 9.31			\$ -	-\$ 9.31	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 83.82			\$ 90.53	\$ 6.71	8.01%			\$ 90.77	\$ 0.24	0.26%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	-\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	-\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	500	\$ 7.70	\$ 0.0122	500	\$ 6.10	-\$ 1.60	-20.78%	\$ 0.0084	500	\$ 4.20	-\$ 1.90	-31.15%
<b>"Regular" Distribution Only</b>			\$ 20.26			\$ 21.97	\$ 1.71	8.44%			\$ 23.38	\$ 1.41	6.42%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	500	\$ 2.15	\$ -2.05	-48.81%	\$ -	500	\$ -	\$ -2.15	-100.00%	\$ -	500	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
LRAM VA (2016)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
		500	\$ -	\$ -			500	\$ -	\$ -			500	\$ -	\$ -	
		500	\$ -	\$ -			500	\$ -	\$ -			500	\$ -	\$ -	
		500	\$ -	\$ -			500	\$ -	\$ -			500	\$ -	\$ -	
		500	\$ -	\$ -			500	\$ -	\$ -			500	\$ -	\$ -	
		500	\$ -	\$ -			500	\$ -	\$ -			500	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 25.83	\$ 1.37	5.60%			\$ 27.22	\$ 1.39	5.38%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	500	-\$ 1.20	\$ -	0.00%	-\$ 0.0024	500	-\$ 1.20	\$ -	0.00%	-\$ 0.0024	500	-\$ 1.20	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	500	\$ 0.60	\$ -	0.00%	\$ 0.0012	500	\$ 0.60	\$ -	0.00%	\$ 0.0012	500	\$ 0.60	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	19.65	\$ 1.87	\$ -	0.00%	\$ 0.0950	19.65	\$ 1.87	\$ -	0.00%	\$ 0.0950	19.65	\$ 1.87	\$ -	0.00%
Smart Meter Enticement Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 27.89	\$ 1.37	5.17%			\$ 29.28	\$ 1.39	4.98%			\$ 29.91	\$ 0.63	2.15%
RTSR - Network	\$ 0.0071	520	\$ 3.69	\$ -	0.00%	\$ 0.0071	520	\$ 3.69	\$ -	0.00%	\$ 0.0071	520	\$ 3.69	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	520	\$ 2.91	\$ -	0.00%	\$ 0.0056	520	\$ 2.91	\$ -	0.00%	\$ 0.0056	520	\$ 2.91	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 34.49	\$ 1.37	4.14%			\$ 35.88	\$ 1.39	4.03%			\$ 36.51	\$ 0.63	1.76%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	520	\$ 2.29	\$ -	0.00%	\$ 0.0044	520	\$ 2.29	\$ -	0.00%	\$ 0.0044	520	\$ 2.29	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	520	\$ 0.68	\$ -	0.00%	\$ 0.0013	520	\$ 0.68	\$ -	0.00%	\$ 0.0013	520	\$ 0.68	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	320	\$ 24.64	\$ -	0.00%	\$ 0.0770	320	\$ 24.64	\$ -	0.00%	\$ 0.0770	320	\$ 24.64	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	90	\$ 10.26	\$ -	0.00%	\$ 0.1140	90	\$ 10.26	\$ -	0.00%	\$ 0.1140	90	\$ 10.26	\$ -	0.00%
TOU - On Peak	\$ 0.1400	90	\$ 12.60	\$ -	0.00%	\$ 0.1400	90	\$ 12.60	\$ -	0.00%	\$ 0.1400	90	\$ 12.60	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	500	\$ 44.00	\$ -	0.00%	\$ 0.0880	500	\$ 44.00	\$ -	0.00%	\$ 0.0880	500	\$ 44.00	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 85.20	\$ 1.37	1.63%			\$ 86.59	\$ 1.39	1.63%			\$ 87.22	\$ 0.63	0.73%
HST	13%		\$ 11.08	\$ 0.18	1.63%	13%		\$ 11.26	\$ 0.18	1.63%	13%		\$ 11.34	\$ 0.08	0.73%
<b>Total Bill (including HST)</b>			\$ 96.27	\$ 1.55	1.63%			\$ 97.84	\$ 1.57	1.63%			\$ 98.56	\$ 0.71	0.73%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 96.27	\$ 1.55	1.63%			\$ 97.84	\$ 1.57	1.63%			\$ 98.56	\$ 0.71	0.73%
<b>Total Bill on RPP (before Taxes)</b>			\$ 81.70	\$ 1.37	1.71%			\$ 83.09	\$ 1.39	1.70%			\$ 83.72	\$ 0.63	0.76%
HST	13%		\$ 10.62	\$ 0.18	1.71%	13%		\$ 10.80	\$ 0.18	1.70%	13%		\$ 10.88	\$ 0.08	0.76%
<b>Total Bill (including HST)</b>			\$ 92.32	\$ 1.55	1.71%			\$ 93.89	\$ 1.57	1.70%			\$ 94.60	\$ 0.71	0.76%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 92.32	\$ 1.55	1.71%			\$ 93.89	\$ 1.57	1.70%			\$ 94.60	\$ 0.71	0.76%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	500	\$ 2.15	\$ -2.05	-48.81%	\$ -	500	\$ -	\$ -2.15	-100.00%	\$ -	500	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 24.75	\$ 1.37	5.86%			\$ 26.14	\$ 1.39	5.62%			\$ 26.77	\$ 0.63	2.41%

Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	800	\$ 12.32	\$ 0.0122	800	\$ 9.76	-\$ 2.56	-20.78%	\$ 0.0084	800	\$ 6.72	-\$ 3.04	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	800	\$ 0.08	\$ -	800	\$ -	\$ 0.08	-100.00%	\$ -	800	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	800	\$ -	\$ 0.0005	800	\$ 0.40	\$ 0.40		\$ -	800	\$ -	-\$ 0.40	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	800	\$ -	\$ 0.0004	800	\$ 0.32	\$ 0.32		\$ -	800	\$ -	-\$ 0.32	-100.00%
	per kWh \$ -	-	\$ -	\$ -	-	\$ -	\$ -		\$ -	-	\$ -	\$ -	\$ -
	\$ -	800	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
	\$ -	800	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
	\$ -	800	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
	\$ -	800	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
	\$ -	800	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
	\$ -	800	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 27.43			\$ 27.68	\$ 0.25	0.91%			\$ 26.98	-\$ 0.70	-2.53%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	800	\$ -	\$ 0.0010	800	\$ 0.80	\$ 0.80		\$ -	800	\$ -	-\$ 0.80	-100.00%
	800	\$ -	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	800	\$ -	-\$ 0.0024	800	-\$ 1.92	-\$ 1.92		-\$ 0.0024	800	-\$ 1.92	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	800	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	800	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	800	\$ 0.56	\$ 0.0012	800	\$ 0.96	\$ 0.40	71.43%	\$ 0.0012	800	\$ 0.96	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	27.52	\$ 2.61	\$ 0.0950	31.44	\$ 2.99	\$ 0.37	14.24%	\$ 0.0950	31.44	\$ 2.99	\$ -	0.00%
Smart Meter Enticement Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -		\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 31.39			\$ 31.30	-\$ 0.10	-0.31%			\$ 29.80	-\$ 1.50	-4.79%
RTSR - Network	per kWh \$ 0.0067	828	\$ 5.54	\$ 0.0071	831	\$ 5.90	\$ 0.36	6.47%	\$ 0.0071	831	\$ 5.90	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	828	\$ 4.22	\$ 0.0056	831	\$ 4.66	\$ 0.44	10.32%	\$ 0.0056	831	\$ 4.66	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 41.16			\$ 41.86	\$ 0.70	1.69%			\$ 40.36	-\$ 1.50	-3.58%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	828	\$ 3.64	\$ 0.0044	831	\$ 3.66	\$ 0.02	0.47%	\$ 0.0044	831	\$ 3.66	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	828	\$ 1.08	\$ 0.0013	831	\$ 1.08	\$ 0.01	0.47%	\$ 0.0013	831	\$ 1.08	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	800	\$ 5.60	\$ -	800	\$ -	-\$ 5.60	-100.00%	\$ -	800	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	512	\$ 39.42	\$ 0.0770	512	\$ 39.42	\$ -	0.00%	\$ 0.0770	512	\$ 39.42	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	144	\$ 16.42	\$ 0.1140	144	\$ 16.42	\$ -	0.00%	\$ 0.1140	144	\$ 16.42	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	144	\$ 20.16	\$ 0.1400	144	\$ 20.16	\$ -	0.00%	\$ 0.1400	144	\$ 20.16	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	200	\$ 20.60	\$ 0.1030	200	\$ 20.60	\$ -	0.00%	\$ 0.1030	200	\$ 20.60	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 127.73			\$ 122.85	-\$ 4.88	-3.82%			\$ 121.35	-\$ 1.50	-1.22%
HST	13%		\$ 16.60	13%		\$ 15.97	-\$ 0.63	-3.82%	13%		\$ 15.77	-\$ 0.19	-1.22%
<b>Total Bill (including HST)</b>			\$ 144.33			\$ 138.82	-\$ 5.52	-3.82%			\$ 137.12	-\$ 1.69	-1.22%
<b>Ontario Clean Energy Benefit †</b>			-\$ 14.43			\$ -	\$ 14.43	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 129.90			\$ 138.82	\$ 8.91	6.86%			\$ 137.12	-\$ 1.69	-1.22%
<b>Total Bill on RPP (before Taxes)</b>			\$ 125.13			\$ 120.25	-\$ 4.88	-3.90%			\$ 118.75	-\$ 1.50	-1.25%
HST	13%		\$ 16.27	13%		\$ 15.63	-\$ 0.63	-3.90%	13%		\$ 15.44	-\$ 0.19	-1.25%
<b>Total Bill (including HST)</b>			\$ 141.39			\$ 135.88	-\$ 5.52	-3.90%			\$ 134.18	-\$ 1.69	-1.25%
<b>Ontario Clean Energy Benefit †</b>			-\$ 14.14			\$ -	\$ 14.14	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 127.25			\$ 135.88	\$ 8.62	6.78%			\$ 134.18	-\$ 1.69	-1.25%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	800	\$ 12.32	\$ 0.0122	800	\$ 9.76	-\$ 2.56	-20.78%	\$ 0.0084	800	\$ 6.72	-\$ 3.04	-31.15%
<b>"Regular" Distribution Only</b>			\$ 24.88			\$ 25.63	\$ 0.75	3.01%			\$ 25.90	\$ 0.27	1.05%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	800	\$ 3.44	-\$ 3.28	-48.81%	\$ -	800	\$ -	-\$ 3.44	-100.00%	\$ -	800	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
LRAM VA (2016)	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
		-	\$ -	\$ -			-	\$ -	\$ -			-	\$ -	\$ -	
		800	\$ -	\$ -			800	\$ -	\$ -			800	\$ -	\$ -	
		800	\$ -	\$ -			800	\$ -	\$ -			800	\$ -	\$ -	
		800	\$ -	\$ -			800	\$ -	\$ -			800	\$ -	\$ -	
		800	\$ -	\$ -			800	\$ -	\$ -			800	\$ -	\$ -	
		800	\$ -	\$ -			800	\$ -	\$ -			800	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 27.12	\$ 0.14	0.52%			\$ 27.22	\$ 0.10	0.37%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
		800	\$ -	\$ -			800	\$ -	\$ -			800	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	800	-\$ 1.92	\$ -	0.00%	-\$ 0.0024	800	-\$ 1.92	\$ -	0.00%	-\$ 0.0024	800	-\$ 1.92	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	800	\$ 0.96	\$ -	0.00%	\$ 0.0012	800	\$ 0.96	\$ -	0.00%	\$ 0.0012	800	\$ 0.96	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	31.44	\$ 2.99	\$ -	0.00%	\$ 0.0950	31.44	\$ 2.99	\$ -	0.00%	\$ 0.0950	31.44	\$ 2.99	\$ -	0.00%
Smart Meter Entiry Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 29.94	\$ 0.14	0.47%			\$ 30.04	\$ 0.10	0.33%			\$ 30.67	\$ 0.63	2.10%
RTSR - Network	\$ 0.0071	831	\$ 5.90	\$ -	0.00%	\$ 0.0071	831	\$ 5.90	\$ -	0.00%	\$ 0.0071	831	\$ 5.90	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	831	\$ 4.66	\$ -	0.00%	\$ 0.0056	831	\$ 4.66	\$ -	0.00%	\$ 0.0056	831	\$ 4.66	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 40.50	\$ 0.14	0.35%			\$ 40.60	\$ 0.10	0.25%			\$ 41.23	\$ 0.63	1.55%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	831	\$ 3.66	\$ -	0.00%	\$ 0.0044	831	\$ 3.66	\$ -	0.00%	\$ 0.0044	831	\$ 3.66	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	831	\$ 1.08	\$ -	0.00%	\$ 0.0013	831	\$ 1.08	\$ -	0.00%	\$ 0.0013	831	\$ 1.08	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -		\$ -	800	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	512	\$ 39.42	\$ -	0.00%	\$ 0.0770	512	\$ 39.42	\$ -	0.00%	\$ 0.0770	512	\$ 39.42	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	144	\$ 16.42	\$ -	0.00%	\$ 0.1140	144	\$ 16.42	\$ -	0.00%	\$ 0.1140	144	\$ 16.42	\$ -	0.00%
TOU - On Peak	\$ 0.1400	144	\$ 20.16	\$ -	0.00%	\$ 0.1400	144	\$ 20.16	\$ -	0.00%	\$ 0.1400	144	\$ 20.16	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	200	\$ 20.60	\$ -	0.00%	\$ 0.1030	200	\$ 20.60	\$ -	0.00%	\$ 0.1030	200	\$ 20.60	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 121.49	\$ 0.14	0.12%			\$ 121.59	\$ 0.10	0.08%			\$ 122.22	\$ 0.63	0.52%
HST	13%		\$ 15.79	\$ 0.02	0.12%	13%		\$ 15.81	\$ 0.01	0.08%	13%		\$ 15.89	\$ 0.08	0.52%
<b>Total Bill (including HST)</b>			\$ 137.28	\$ 0.16	0.12%			\$ 137.39	\$ 0.11	0.08%			\$ 138.10	\$ 0.71	0.52%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 137.28	\$ 0.16	0.12%			\$ 137.39	\$ 0.11	0.08%			\$ 138.10	\$ 0.71	0.52%
<b>Total Bill on RPP (before Taxes)</b>			\$ 118.89	\$ 0.14	0.12%			\$ 118.99	\$ 0.10	0.08%			\$ 119.62	\$ 0.63	0.53%
HST	13%		\$ 15.46	\$ 0.02	0.12%	13%		\$ 15.47	\$ 0.01	0.08%	13%		\$ 15.55	\$ 0.08	0.53%
<b>Total Bill (including HST)</b>			\$ 134.34	\$ 0.16	0.12%			\$ 134.45	\$ 0.11	0.08%			\$ 135.17	\$ 0.71	0.53%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 134.34	\$ 0.16	0.12%			\$ 134.45	\$ 0.11	0.08%			\$ 135.17	\$ 0.71	0.53%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	800	\$ 3.44	-\$ 3.28	-48.81%	\$ -	800	\$ -	-\$ 3.44	-100.00%	\$ -	800	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 26.04	\$ 0.14	0.54%			\$ 26.14	\$ 0.10	0.38%			\$ 26.77	\$ 0.63	2.41%

Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	1000	\$ 15.40	\$ 0.0122	1000	\$ 12.20	-\$ 3.20	-20.78%	\$ 0.0084	1000	\$ 8.40	-\$ 3.80	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ 0.0001	1000	\$ 0.10	\$ -	1000	\$ -	-\$ 0.10	-100.00%	\$ -	1000	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	1000	\$ -	\$ 0.0005	1000	\$ 0.50	\$ 0.50		\$ -	1000	\$ -	-\$ 0.50	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	1000	\$ -	\$ 0.0004	1000	\$ 0.40	\$ 0.40		\$ -	1000	\$ -	-\$ 0.40	-100.00%
	per kWh \$ -	-	\$ -	\$ -	-	\$ -	\$ -		\$ -	-	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
	\$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 30.49			\$ 30.30	-\$ 0.19	-0.62%			\$ 28.66	-\$ 1.64	-5.41%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	1000	\$ -	\$ 0.0010	1000	\$ 1.00	\$ 1.00		\$ -	1000	\$ -	-\$ 1.00	-100.00%
	per kWh \$ -	1000	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	1000	\$ -	-\$ 0.0024	1000	-\$ 2.40	-\$ 2.40		-\$ 0.0024	1000	-\$ 2.40	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	1000	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	1000	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	1000	\$ 0.70	\$ 0.0012	1000	\$ 1.20	\$ 0.50	71.43%	\$ 0.0012	1000	\$ 1.20	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	34.4	\$ 3.27	\$ 0.0950	39.3	\$ 3.73	\$ 0.47	14.24%	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%
Smart Meter Entire Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -		\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 35.25			\$ 34.62	-\$ 0.62	-1.77%			\$ 31.98	-\$ 2.64	-7.62%
RTSR - Network	per kWh \$ 0.0067	1034	\$ 6.93	\$ 0.0071	1039	\$ 7.38	\$ 0.45	6.47%	\$ 0.0071	1039	\$ 7.38	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	1034	\$ 5.28	\$ 0.0056	1039	\$ 5.82	\$ 0.54	10.32%	\$ 0.0056	1039	\$ 5.82	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 47.45			\$ 47.82	\$ 0.37	0.78%			\$ 45.18	-\$ 2.64	-5.52%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	1034	\$ 4.55	\$ 0.0044	1039	\$ 4.57	\$ 0.02	0.47%	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	1034	\$ 1.34	\$ 0.0013	1039	\$ 1.35	\$ 0.01	0.47%	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	1000	\$ 7.00	\$ -	1000	\$ -	-\$ 7.00	-100.00%	\$ -	1000	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	640	\$ 49.28	\$ 0.0770	640	\$ 49.28	\$ -	0.00%	\$ 0.0770	640	\$ 49.28	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	180	\$ 20.52	\$ 0.1140	180	\$ 20.52	\$ -	0.00%	\$ 0.1140	180	\$ 20.52	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	180	\$ 25.20	\$ 0.1400	180	\$ 25.20	\$ -	0.00%	\$ 0.1400	180	\$ 25.20	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	400	\$ 41.20	\$ 0.1030	400	\$ 41.20	\$ -	0.00%	\$ 0.1030	400	\$ 41.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 155.60			\$ 149.00	-\$ 6.60	-4.24%			\$ 146.36	-\$ 2.64	-1.77%
HST	13%		\$ 20.23	13%		\$ 19.37	-\$ 0.86	-4.24%	13%		\$ 19.03	-\$ 0.34	-1.77%
<b>Total Bill (including HST)</b>			\$ 175.83			\$ 168.37	-\$ 7.46	-4.24%			\$ 165.38	-\$ 2.98	-1.77%
Ontario Clean Energy Benefit †			-\$ 17.58			\$ -	-\$ 17.58	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 158.25			\$ 168.37	\$ 10.12	6.39%			\$ 165.38	-\$ 2.98	-1.77%
<b>Total Bill on RPP (before Taxes)</b>			\$ 154.60			\$ 148.00	-\$ 6.60	-4.27%			\$ 145.36	-\$ 2.64	-1.78%
HST	13%		\$ 20.10	13%		\$ 19.24	-\$ 0.86	-4.27%	13%		\$ 18.90	-\$ 0.34	-1.78%
<b>Total Bill (including HST)</b>			\$ 174.70			\$ 167.24	-\$ 7.46	-4.27%			\$ 164.25	-\$ 2.98	-1.78%
Ontario Clean Energy Benefit †			-\$ 17.47			\$ -	-\$ 17.47	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 157.23			\$ 167.24	\$ 10.01	6.37%			\$ 164.25	-\$ 2.98	-1.78%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	1000	\$ 15.40	\$ 0.0122	1000	\$ 12.20	-\$ 3.20	-20.78%	\$ 0.0084	1000	\$ 8.40	-\$ 3.80	-31.15%
<b>"Regular" Distribution Only</b>			\$ 27.96			\$ 28.07	\$ 0.11	0.39%			\$ 27.58	-\$ 0.49	-1.75%

Customer Class: Residential  
 TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	1000	\$ 4.30	\$ -4.10	-48.81%	\$ -	1000	\$ -	\$ -4.30	-100.00%	\$ -	1000	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
LRAM VA (2016)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 27.98	<b>-\$ 0.68</b>	<b>-2.37%</b>			\$ 27.22	<b>-\$ 0.76</b>	<b>-2.72%</b>			\$ 27.85	<b>\$ 0.63</b>	<b>2.31%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	1000	-\$ 2.40	\$ -	0.00%	-\$ 0.0024	1000	-\$ 2.40	\$ -	0.00%	-\$ 0.0024	1000	-\$ 2.40	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	1000	\$ 1.20	\$ -	0.00%	\$ 0.0012	1000	\$ 1.20	\$ -	0.00%	\$ 0.0012	1000	\$ 1.20	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%
Smart Meter Enticement Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 31.30	<b>-\$ 0.68</b>	<b>-2.13%</b>			\$ 30.54	<b>-\$ 0.76</b>	<b>-2.43%</b>			\$ 31.17	<b>\$ 0.63</b>	<b>2.06%</b>
RTSR - Network	\$ 0.0071	1039	\$ 7.38	\$ -	0.00%	\$ 0.0071	1039	\$ 7.38	\$ -	0.00%	\$ 0.0071	1039	\$ 7.38	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	1039	\$ 5.82	\$ -	0.00%	\$ 0.0056	1039	\$ 5.82	\$ -	0.00%	\$ 0.0056	1039	\$ 5.82	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 44.50	<b>-\$ 0.68</b>	<b>-1.51%</b>			\$ 43.74	<b>-\$ 0.76</b>	<b>-1.71%</b>			\$ 44.37	<b>\$ 0.63</b>	<b>1.44%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	640	\$ 49.28	\$ -	0.00%	\$ 0.0770	640	\$ 49.28	\$ -	0.00%	\$ 0.0770	640	\$ 49.28	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	180	\$ 20.52	\$ -	0.00%	\$ 0.1140	180	\$ 20.52	\$ -	0.00%	\$ 0.1140	180	\$ 20.52	\$ -	0.00%
TOU - On Peak	\$ 0.1400	180	\$ 25.20	\$ -	0.00%	\$ 0.1400	180	\$ 25.20	\$ -	0.00%	\$ 0.1400	180	\$ 25.20	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	400	\$ 41.20	\$ -	0.00%	\$ 0.1030	400	\$ 41.20	\$ -	0.00%	\$ 0.1030	400	\$ 41.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 145.68	<b>-\$ 0.68</b>	<b>-0.46%</b>			\$ 144.92	<b>-\$ 0.76</b>	<b>-0.52%</b>			\$ 145.55	<b>\$ 0.63</b>	<b>0.43%</b>
HST	13%		\$ 18.94	-\$ 0.09	-0.46%	13%		\$ 18.84	-\$ 0.10	-0.52%	13%		\$ 18.92	\$ 0.08	0.43%
<b>Total Bill (including HST)</b>			\$ 164.61	<b>-\$ 0.77</b>	<b>-0.46%</b>			\$ 163.76	<b>-\$ 0.86</b>	<b>-0.52%</b>			\$ 164.47	<b>\$ 0.71</b>	<b>0.43%</b>
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 164.61	<b>-\$ 0.77</b>	<b>-0.46%</b>			\$ 163.76	<b>-\$ 0.86</b>	<b>-0.52%</b>			\$ 164.47	<b>\$ 0.71</b>	<b>0.43%</b>
<b>Total Bill on RPP (before Taxes)</b>			\$ 144.68	<b>-\$ 0.68</b>	<b>-0.47%</b>			\$ 143.92	<b>-\$ 0.76</b>	<b>-0.53%</b>			\$ 144.55	<b>\$ 0.63</b>	<b>0.44%</b>
HST	13%		\$ 18.81	-\$ 0.09	-0.47%	13%		\$ 18.71	-\$ 0.10	-0.53%	13%		\$ 18.79	\$ 0.08	0.44%
<b>Total Bill (including HST)</b>			\$ 163.48	<b>-\$ 0.77</b>	<b>-0.47%</b>			\$ 162.63	<b>-\$ 0.86</b>	<b>-0.53%</b>			\$ 163.34	<b>\$ 0.71</b>	<b>0.44%</b>
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 163.48	<b>-\$ 0.77</b>	<b>-0.47%</b>			\$ 162.63	<b>-\$ 0.86</b>	<b>-0.53%</b>			\$ 163.34	<b>\$ 0.71</b>	<b>0.44%</b>

Loss Factor (%) 3.93%

Distribution Excluding Rate Riders	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	1000	\$ 4.30	\$ -4.10	-48.81%	\$ -	1000	\$ -	\$ -4.30	-100.00%	\$ -	1000	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 26.90	<b>-\$ 0.68</b>	<b>-2.47%</b>			\$ 26.14	<b>-\$ 0.76</b>	<b>-2.83%</b>			\$ 26.77	<b>\$ 0.63</b>	<b>2.41%</b>



Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	1500	\$ 23.10	per kWh \$ 0.0122	1500	\$ 18.30	-\$ 4.80	-20.78%	per kWh \$ 0.0084	1500	\$ 12.60	-\$ 5.70	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	1500	\$ 0.15	per kWh \$ -	1500	\$ -	\$ 0.15	-100.00%	per kWh \$ -	1500	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	1500	\$ -	per kWh \$ 0.0005	1500	\$ 0.75	\$ 0.75		per kWh \$ -	1500	\$ -	-\$ 0.75	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	1500	\$ -	per kWh \$ 0.0004	1500	\$ 0.60	\$ 0.60		per kWh \$ -	1500	\$ -	-\$ 0.60	-100.00%
	per kWh \$ -	-	\$ -	per kWh \$ -	-	\$ -	\$ -		per kWh \$ -	-	\$ -	\$ -	\$ -
	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 38.14			\$ 36.85	-\$ 1.29	-3.38%			\$ 32.86	-\$ 3.99	-10.83%
Deferral/Variance Account Disposition	per kWh \$ -	1500	\$ -	per kWh \$ 0.0010	1500	\$ 1.50	\$ 1.50		per kWh \$ -	1500	\$ -	-\$ 1.50	-100.00%
Rate Rider (2016)	per kWh \$ -	1500	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	1500	\$ -	per kWh \$ 0.0024	1500	\$ 3.60	-\$ 3.60		per kWh \$ 0.0024	1500	\$ 3.60	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	per kWh \$ -	1500	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	1500	\$ -	per kWh \$ 0.0137	0	\$ -	\$ -		per kWh \$ -	1500	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	1500	\$ 1.05	per kWh \$ 0.0012	1500	\$ 1.80	\$ 0.75	71.43%	per kWh \$ 0.0012	1500	\$ 1.80	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	51.6	\$ 4.90	per kWh \$ 0.0950	58.95	\$ 5.60	\$ 0.70	14.24%	per kWh \$ 0.0950	58.95	\$ 5.60	\$ -	0.00%
Smart Meter Enty Charge	Monthly \$ 0.7900	1	\$ 0.79	Monthly \$ 0.7900	1	\$ 0.79	\$ -		Monthly \$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 44.88			\$ 42.94	-\$ 1.94	-4.33%			\$ 37.45	-\$ 5.49	-12.79%
RTSR - Network	per kWh \$ 0.0067	1552	\$ 10.40	per kWh \$ 0.0071	1559	\$ 11.07	\$ 0.67	6.47%	per kWh \$ 0.0071	1559	\$ 11.07	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	1552	\$ 7.91	per kWh \$ 0.0056	1559	\$ 8.73	\$ 0.82	10.32%	per kWh \$ 0.0056	1559	\$ 8.73	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 63.19			\$ 62.74	-\$ 0.45	-0.72%			\$ 57.25	-\$ 5.49	-8.75%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	1552	\$ 6.83	per kWh \$ 0.0044	1559	\$ 6.86	\$ 0.03	0.47%	per kWh \$ 0.0044	1559	\$ 6.86	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	1552	\$ 2.02	per kWh \$ 0.0013	1559	\$ 2.03	\$ 0.01	0.47%	per kWh \$ 0.0013	1559	\$ 2.03	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	1500	\$ 10.50	per kWh \$ -	1500	\$ -	-\$ 10.50	-100.00%	per kWh \$ -	1500	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	960	\$ 73.92	per kWh \$ 0.0770	960	\$ 73.92	\$ -	0.00%	per kWh \$ 0.0770	960	\$ 73.92	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	270	\$ 30.78	per kWh \$ 0.1140	270	\$ 30.78	\$ -	0.00%	per kWh \$ 0.1140	270	\$ 30.78	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	270	\$ 37.80	per kWh \$ 0.1400	270	\$ 37.80	\$ -	0.00%	per kWh \$ 0.1400	270	\$ 37.80	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	per kWh \$ 0.0880	600	\$ 52.80	\$ -	0.00%	per kWh \$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	900	\$ 92.70	per kWh \$ 0.1030	900	\$ 92.70	\$ -	0.00%	per kWh \$ 0.1030	900	\$ 92.70	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 225.29			\$ 214.37	-\$ 10.91	-4.84%			\$ 208.88	-\$ 5.49	-2.56%
HST	13%		\$ 29.29	13%		\$ 27.87	-\$ 1.42	-4.84%	13%		\$ 27.16	-\$ 0.71	-2.56%
<b>Total Bill (including HST)</b>			\$ 254.57			\$ 242.24	-\$ 12.33	-4.84%			\$ 236.04	-\$ 6.20	-2.56%
Ontario Clean Energy Benefit †			-\$ 25.46			\$ -	\$ 25.46	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 229.11			\$ 242.24	\$ 13.13	5.73%			\$ 236.04	-\$ 6.20	-2.56%
<b>Total Bill on RPP (before Taxes)</b>			\$ 228.29			\$ 217.37	-\$ 10.91	-4.78%			\$ 211.88	-\$ 5.49	-2.53%
HST	13%		\$ 29.68	13%		\$ 28.26	-\$ 1.42	-4.78%	13%		\$ 27.55	-\$ 0.71	-2.53%
<b>Total Bill (including HST)</b>			\$ 257.96			\$ 245.63	-\$ 12.33	-4.78%			\$ 239.43	-\$ 6.20	-2.53%
Ontario Clean Energy Benefit †			-\$ 25.80			\$ -	\$ 25.80	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 232.16			\$ 245.63	\$ 13.47	5.80%			\$ 239.43	-\$ 6.20	-2.53%

Loss Factor (%)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	1500	\$ 23.10	per kWh \$ 0.0122	1500	\$ 18.30	-\$ 4.80	-20.78%	per kWh \$ 0.0084	1500	\$ 12.60	-\$ 5.70	-31.15%
<b>"Regular" Distribution Only</b>			\$ 35.66			\$ 34.17	-\$ 1.49	-4.18%			\$ 31.78	-\$ 2.39	-6.99%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	1500	\$ 6.45	-\$ 6.15	-48.81%	\$ -	1500	\$ -	-\$ 6.45	-100.00%	\$ -	1500	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
LRAM VA (2016)	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
		-	\$ -	\$ -			-	\$ -	\$ -			-	\$ -	\$ -	
		1500	\$ -	\$ -			1500	\$ -	\$ -			1500	\$ -	\$ -	
		1500	\$ -	\$ -			1500	\$ -	\$ -			1500	\$ -	\$ -	
		1500	\$ -	\$ -			1500	\$ -	\$ -			1500	\$ -	\$ -	
		1500	\$ -	\$ -			1500	\$ -	\$ -			1500	\$ -	\$ -	
		1500	\$ -	\$ -			1500	\$ -	\$ -			1500	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 30.13	-\$ 2.73	-8.31%			\$ 27.22	-\$ 2.91	-9.66%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	1500	-\$ 3.60	\$ -	0.00%	-\$ 0.0024	1500	-\$ 3.60	\$ -	0.00%	-\$ 0.0024	1500	-\$ 3.60	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	1500	\$ 1.80	\$ -	0.00%	\$ 0.0012	1500	\$ 1.80	\$ -	0.00%	\$ 0.0012	1500	\$ 1.80	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	58.95	\$ 5.60	\$ -	0.00%	\$ 0.0950	58.95	\$ 5.60	\$ -	0.00%	\$ 0.0950	58.95	\$ 5.60	\$ -	0.00%
Smart Meter Entitlement Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 34.72	-\$ 2.73	-7.29%			\$ 31.81	-\$ 2.91	-8.38%			\$ 32.44	\$ 0.63	1.98%
RTSR - Network	\$ 0.0071	1559	\$ 11.07	\$ -	0.00%	\$ 0.0071	1559	\$ 11.07	\$ -	0.00%	\$ 0.0071	1559	\$ 11.07	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	1559	\$ 8.73	\$ -	0.00%	\$ 0.0056	1559	\$ 8.73	\$ -	0.00%	\$ 0.0056	1559	\$ 8.73	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 54.52	-\$ 2.73	-4.77%			\$ 51.61	-\$ 2.91	-5.34%			\$ 52.24	\$ 0.63	1.22%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	1559	\$ 6.86	\$ -	0.00%	\$ 0.0044	1559	\$ 6.86	\$ -	0.00%	\$ 0.0044	1559	\$ 6.86	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1559	\$ 2.03	\$ -	0.00%	\$ 0.0013	1559	\$ 2.03	\$ -	0.00%	\$ 0.0013	1559	\$ 2.03	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -		\$ -	1500	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	960	\$ 73.92	\$ -	0.00%	\$ 0.0770	960	\$ 73.92	\$ -	0.00%	\$ 0.0770	960	\$ 73.92	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	270	\$ 30.78	\$ -	0.00%	\$ 0.1140	270	\$ 30.78	\$ -	0.00%	\$ 0.1140	270	\$ 30.78	\$ -	0.00%
TOU - On Peak	\$ 0.1400	270	\$ 37.80	\$ -	0.00%	\$ 0.1400	270	\$ 37.80	\$ -	0.00%	\$ 0.1400	270	\$ 37.80	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	900	\$ 92.70	\$ -	0.00%	\$ 0.1030	900	\$ 92.70	\$ -	0.00%	\$ 0.1030	900	\$ 92.70	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 206.15	-\$ 2.73	-1.31%			\$ 203.24	-\$ 2.91	-1.41%			\$ 203.87	\$ 0.63	0.31%
HST		13%	\$ 26.80	\$ 0.35	-1.31%		13%	\$ 26.42	-\$ 0.38	-1.41%		13%	\$ 26.50	\$ 0.08	0.31%
<b>Total Bill (including HST)</b>			\$ 232.96	-\$ 3.08	-1.31%			\$ 229.67	-\$ 3.29	-1.41%			\$ 230.38	\$ 0.71	0.31%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 232.96	-\$ 3.08	-1.31%			\$ 229.67	-\$ 3.29	-1.41%			\$ 230.38	\$ 0.71	0.31%
<b>Total Bill on RPP (before Taxes)</b>			\$ 209.15	-\$ 2.73	-1.29%			\$ 206.24	-\$ 2.91	-1.39%			\$ 206.87	\$ 0.63	0.31%
HST		13%	\$ 27.19	\$ 0.35	-1.29%		13%	\$ 26.81	-\$ 0.38	-1.39%		13%	\$ 26.89	\$ 0.08	0.31%
<b>Total Bill (including HST)</b>			\$ 236.35	-\$ 3.08	-1.29%			\$ 233.06	-\$ 3.29	-1.39%			\$ 233.77	\$ 0.71	0.31%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 236.35	-\$ 3.08	-1.29%			\$ 233.06	-\$ 3.29	-1.39%			\$ 233.77	\$ 0.71	0.31%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	1500	\$ 6.45	-\$ 6.15	-48.81%	\$ -	1500	\$ -	-\$ 6.45	-100.00%	\$ -	1500	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 29.05	-\$ 2.73	-8.59%			\$ 26.14	-\$ 2.91	-10.02%			\$ 26.77	\$ 0.63	2.41%

Appendix 2-W  
Bill Impacts

Customer Class: Residential

Residential

TOU / non-TOU: TOU

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Smart Meter (SMIRR) Rate Rider	\$ 2.6300	1	\$ 2.63	\$ -	1	\$ -	-\$ 2.63	-100.00%	\$ -	1	\$ -	\$ -	\$ -
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.25	1	\$ 0.25	\$ 0.25		\$ -	1	\$ -	-\$ 0.25	-100.00%
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ 1.08	1	\$ 1.08	\$ 1.08		\$ 1.08	1	\$ 1.08	\$ -	0.00%
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	\$ -
Distribution Volumetric Rate	per kWh \$ 0.0154	2000	\$ 30.80	per kWh \$ 0.0122	2000	\$ 24.40	-\$ 6.40	-20.78%	per kWh \$ 0.0084	2000	\$ 16.80	-\$ 7.60	-31.15%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	2000	\$ 0.20	per kWh \$ -	2000	\$ -	-\$ 0.20	-100.00%	per kWh \$ -	2000	\$ -	\$ -	\$ -
LRAM VA (2016)	per kWh \$ -	2000	\$ -	per kWh \$ 0.0005	2000	\$ 1.00	\$ 1.00		per kWh \$ -	2000	\$ -	-\$ 1.00	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	2000	\$ -	per kWh \$ 0.0004	2000	\$ 0.80	\$ 0.80		per kWh \$ -	2000	\$ -	-\$ 0.80	-100.00%
	per kWh \$ -	-	\$ -	per kWh \$ -	-	\$ -	\$ -		per kWh \$ -	-	\$ -	\$ -	\$ -
	per kWh \$ -	2000	\$ -	per kWh \$ -	2000	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
	per kWh \$ -	2000	\$ -	per kWh \$ -	2000	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
	per kWh \$ -	2000	\$ -	per kWh \$ -	2000	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
	per kWh \$ -	2000	\$ -	per kWh \$ -	2000	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
	per kWh \$ -	2000	\$ -	per kWh \$ -	2000	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
<b>Sub-Total A (excluding pass through)</b>			\$ 45.79			\$ 43.40	-\$ 2.39	-5.22%			\$ 37.06	-\$ 6.34	-14.61%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	2000	\$ -	per kWh \$ 0.0010	2000	\$ 2.00	\$ 2.00		per kWh \$ -	2000	\$ -	-\$ 2.00	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	2000	\$ -	per kWh \$ -	2000	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	per kWh \$ -	2000	\$ -	-\$ 4.80		per kWh \$ -	2000	\$ -	\$ -	0.00%
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	2000	\$ -	per kWh \$ 0.0137	0	\$ -	\$ -		per kWh \$ -	2000	\$ -	\$ -	\$ -
Low Voltage Service Charge	per kWh \$ 0.0007	2000	\$ 1.40	per kWh \$ 0.0012	2000	\$ 2.40	\$ 1.00	71.43%	per kWh \$ 0.0012	2000	\$ 2.40	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	68.8	\$ 6.54	per kWh \$ 0.0950	78.6	\$ 7.47	\$ 0.93	14.24%	per kWh \$ 0.0950	78.6	\$ 7.47	\$ -	0.00%
Smart Meter Enticement Charge	Monthly \$ 0.7900	1	\$ 0.79	Monthly \$ 0.7900	1	\$ 0.79	\$ -		Monthly \$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 54.52			\$ 51.26	-\$ 3.26	-5.98%			\$ 42.92	-\$ 8.34	-16.27%
RTSR - Network	per kWh \$ 0.0067	2069	\$ 13.86	per kWh \$ 0.0071	2079	\$ 14.76	\$ 0.90	6.47%	per kWh \$ 0.0071	2079	\$ 14.76	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	2069	\$ 10.55	per kWh \$ 0.0056	2079	\$ 11.64	\$ 1.09	10.32%	per kWh \$ 0.0056	2079	\$ 11.64	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 78.93			\$ 77.66	-\$ 1.27	-1.61%			\$ 69.32	-\$ 8.34	-10.74%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	2069	\$ 9.10	per kWh \$ 0.0044	2079	\$ 9.15	\$ 0.04	0.47%	per kWh \$ 0.0044	2079	\$ 9.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	2069	\$ 2.69	per kWh \$ 0.0013	2079	\$ 2.70	\$ 0.01	0.47%	per kWh \$ 0.0013	2079	\$ 2.70	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	2000	\$ 14.00	per kWh \$ -	2000	\$ -	-\$ 14.00	-100.00%	per kWh \$ -	2000	\$ -	\$ -	\$ -
TOU - Off Peak	per kWh \$ 0.0770	1280	\$ 98.56	per kWh \$ 0.0770	1280	\$ 98.56	\$ -	0.00%	per kWh \$ 0.0770	1280	\$ 98.56	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	360	\$ 41.04	per kWh \$ 0.1140	360	\$ 41.04	\$ -	0.00%	per kWh \$ 0.1140	360	\$ 41.04	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	360	\$ 50.40	per kWh \$ 0.1400	360	\$ 50.40	\$ -	0.00%	per kWh \$ 0.1400	360	\$ 50.40	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	per kWh \$ 0.0880	600	\$ 52.80	\$ -	0.00%	per kWh \$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	1400	\$ 144.20	per kWh \$ 0.1030	1400	\$ 144.20	\$ -	0.00%	per kWh \$ 0.1030	1400	\$ 144.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 294.97			\$ 279.75	-\$ 15.22	-5.16%			\$ 271.41	-\$ 8.34	-2.98%
HST	13%		\$ 38.35	13%		\$ 36.37	-\$ 1.98	-5.16%	13%		\$ 35.28	-\$ 1.08	-2.98%
<b>Total Bill (including HST)</b>			\$ 333.32			\$ 316.12	-\$ 17.19	-5.16%			\$ 306.70	-\$ 9.42	-2.98%
<b>Ontario Clean Energy Benefit †</b>			-\$ 33.33			\$ -	-\$ 33.33	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on TOU (including OCEB)</b>			\$ 299.99			\$ 316.12	\$ 16.14	5.38%			\$ 306.70	-\$ 9.42	-2.98%
<b>Total Bill on RPP (before Taxes)</b>			\$ 301.97			\$ 286.75	-\$ 15.22	-5.04%			\$ 278.41	-\$ 8.34	-2.91%
HST	13%		\$ 39.26	13%		\$ 37.28	-\$ 1.98	-5.04%	13%		\$ 36.19	-\$ 1.08	-2.91%
<b>Total Bill (including HST)</b>			\$ 341.23			\$ 324.03	-\$ 17.19	-5.04%			\$ 314.61	-\$ 9.42	-2.91%
<b>Ontario Clean Energy Benefit †</b>			-\$ 34.12			\$ -	-\$ 34.12	-100.00%			\$ -	\$ -	\$ -
<b>Total Bill on RPP (including OCEB)</b>			\$ 307.11			\$ 324.03	\$ 16.93	5.51%			\$ 314.61	-\$ 9.42	-2.91%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 12.5600	1	\$ 12.56	\$ 15.8700	1	\$ 15.87	\$ 3.31	26.35%	\$ 19.1800	1	\$ 19.18	\$ 3.31	20.86%
Distribution Volumetric Rate	per kWh \$ 0.0154	2000	\$ 30.80	per kWh \$ 0.0122	2000	\$ 24.40	-\$ 6.40	-20.78%	per kWh \$ 0.0084	2000	\$ 16.80	-\$ 7.60	-31.15%
<b>"Regular" Distribution Only</b>			\$ 43.36			\$ 40.27	-\$ 3.09	-7.13%			\$ 35.98	-\$ 4.29	-10.65%

Customer Class:

Residential

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%	\$ 1.08	1	\$ 1.08	\$ -	0.00%
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
		1	\$ -	\$ -			1	\$ -	\$ -			1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0043	2000	\$ 8.60	-\$ 8.20	-48.81%	\$ -	2000	\$ -	-\$ 8.60	-100.00%	\$ -	2000	\$ -	\$ -	
Rate Rider Tax Change (2015)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
LRAM VA (2016)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
		-	\$ -	\$ -			-	\$ -	\$ -			-	\$ -	\$ -	
		2000	\$ -	\$ -			2000	\$ -	\$ -			2000	\$ -	\$ -	
		2000	\$ -	\$ -			2000	\$ -	\$ -			2000	\$ -	\$ -	
		2000	\$ -	\$ -			2000	\$ -	\$ -			2000	\$ -	\$ -	
		2000	\$ -	\$ -			2000	\$ -	\$ -			2000	\$ -	\$ -	
		2000	\$ -	\$ -			2000	\$ -	\$ -			2000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 32.28	-\$ 4.78	-12.90%			\$ 27.22	-\$ 5.06	-15.68%			\$ 27.85	\$ 0.63	2.31%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0024	2000	-\$ 4.80	\$ -	0.00%	-\$ 0.0024	2000	-\$ 4.80	\$ -	0.00%	-\$ 0.0024	2000	-\$ 4.80	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	2000	\$ 2.40	\$ -	0.00%	\$ 0.0012	2000	\$ 2.40	\$ -	0.00%	\$ 0.0012	2000	\$ 2.40	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	78.6	\$ 7.47	\$ -	0.00%	\$ 0.0950	78.6	\$ 7.47	\$ -	0.00%	\$ 0.0950	78.6	\$ 7.47	\$ -	0.00%
Smart Meter Enticement Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 38.14	-\$ 4.78	-11.14%			\$ 33.08	-\$ 5.06	-13.27%			\$ 33.71	\$ 0.63	1.90%
RTSR - Network	\$ 0.0071	2079	\$ 14.76	\$ -	0.00%	\$ 0.0071	2079	\$ 14.76	\$ -	0.00%	\$ 0.0071	2079	\$ 14.76	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	2079	\$ 11.64	\$ -	0.00%	\$ 0.0056	2079	\$ 11.64	\$ -	0.00%	\$ 0.0056	2079	\$ 11.64	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 64.54	-\$ 4.78	-6.90%			\$ 59.48	-\$ 5.06	-7.84%			\$ 60.11	\$ 0.63	1.06%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	2079	\$ 9.15	\$ -	0.00%	\$ 0.0044	2079	\$ 9.15	\$ -	0.00%	\$ 0.0044	2079	\$ 9.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2079	\$ 2.70	\$ -	0.00%	\$ 0.0013	2079	\$ 2.70	\$ -	0.00%	\$ 0.0013	2079	\$ 2.70	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
TOU - Off Peak	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	360	\$ 41.04	\$ -	0.00%	\$ 0.1140	360	\$ 41.04	\$ -	0.00%	\$ 0.1140	360	\$ 41.04	\$ -	0.00%
TOU - On Peak	\$ 0.1400	360	\$ 50.40	\$ -	0.00%	\$ 0.1400	360	\$ 50.40	\$ -	0.00%	\$ 0.1400	360	\$ 50.40	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 266.63	-\$ 4.78	-1.76%			\$ 261.57	-\$ 5.06	-1.90%			\$ 262.20	\$ 0.63	0.24%
HST	13%		\$ 34.66	\$ 0.62	-1.76%	13%		\$ 34.00	-\$ 0.66	-1.90%	13%		\$ 34.09	\$ 0.08	0.24%
<b>Total Bill (including HST)</b>			\$ 301.30	-\$ 5.40	-1.76%			\$ 295.58	-\$ 5.72	-1.90%			\$ 296.29	\$ 0.71	0.24%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 301.30	-\$ 5.40	-1.76%			\$ 295.58	-\$ 5.72	-1.90%			\$ 296.29	\$ 0.71	0.24%
<b>Total Bill on RPP (before Taxes)</b>			\$ 273.63	-\$ 4.78	-1.72%			\$ 268.57	-\$ 5.06	-1.85%			\$ 269.20	\$ 0.63	0.23%
HST	13%		\$ 35.57	\$ 0.62	-1.72%	13%		\$ 34.91	-\$ 0.66	-1.85%	13%		\$ 35.00	\$ 0.08	0.23%
<b>Total Bill (including HST)</b>			\$ 309.21	-\$ 5.40	-1.72%			\$ 303.49	-\$ 5.72	-1.85%			\$ 304.20	\$ 0.71	0.23%
<b>Ontario Clean Energy Benefit †</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 309.21	-\$ 5.40	-1.72%			\$ 303.49	-\$ 5.72	-1.85%			\$ 304.20	\$ 0.71	0.23%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 22.6000	1	\$ 22.60	\$ 3.42	17.83%	\$ 26.1400	1	\$ 26.14	\$ 3.54	15.66%	\$ 26.7700	1	\$ 26.77	\$ 0.63	2.41%
Distribution Volumetric Rate	\$ 0.0043	2000	\$ 8.60	-\$ 8.20	-48.81%	\$ -	2000	\$ -	-\$ 8.60	-100.00%	\$ -	2000	\$ -	\$ -	
<b>"Regular" Distribution Only</b>			\$ 31.20	-\$ 4.78	-13.29%			\$ 26.14	-\$ 5.06	-16.22%			\$ 26.77	\$ 0.63	2.41%



Customer Class:  
TOU / non-TOU:

General Service Less Than 50 kW

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters (2016)	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0113	1000	\$ 11.30	\$ 0.40	3.67%	\$ 0.0117	1000	\$ 11.70	\$ 0.40	3.54%	\$ 0.0121	1000	\$ 12.10	\$ 0.40	3.42%
Rate Rider Tax Change (2015)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
LRAM VA (2016)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 40.53	\$ 1.05	2.66%			\$ 41.42	\$ 0.89	2.20%			\$ 41.97	\$ 0.55	1.33%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0015	1000	-\$ 1.50	\$ -	0.00%	-\$ 0.0015	1000	-\$ 1.50	\$ -	0.00%	-\$ 0.0015	1000	-\$ 1.50	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -		\$ -	1000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0011	1000	\$ 1.10	\$ -	0.00%	\$ 0.0011	1000	\$ 1.10	\$ -	0.00%	\$ 0.0011	1000	\$ 1.10	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%	\$ 0.0950	39.3	\$ 3.73	\$ -	0.00%
Smart Meter Entity Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 44.65	\$ 1.05	2.41%			\$ 45.54	\$ 0.89	1.99%			\$ 46.09	\$ 0.55	1.21%
RTSR - Network	\$ 0.0063	1039	\$ 6.55	\$ -	0.00%	\$ 0.0063	1039	\$ 6.55	\$ -	0.00%	\$ 0.0063	1039	\$ 6.55	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0051	1039	\$ 5.30	\$ -	0.00%	\$ 0.0051	1039	\$ 5.30	\$ -	0.00%	\$ 0.0051	1039	\$ 5.30	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 56.50	\$ 1.05	1.89%			\$ 57.39	\$ 0.89	1.58%			\$ 57.94	\$ 0.55	0.96%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%	\$ 0.0044	1039	\$ 4.57	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%	\$ 0.0013	1039	\$ 1.35	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	1000	\$ 7.00	\$ -	0.00%	\$ 0.0070	1000	\$ 7.00	\$ -	0.00%	\$ 0.0070	1000	\$ 7.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	640	\$ 49.28	\$ -	0.00%	\$ 0.0770	640	\$ 49.28	\$ -	0.00%	\$ 0.0770	640	\$ 49.28	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	180	\$ 20.52	\$ -	0.00%	\$ 0.1140	180	\$ 20.52	\$ -	0.00%	\$ 0.1140	180	\$ 20.52	\$ -	0.00%
TOU - On Peak	\$ 0.1400	180	\$ 25.20	\$ -	0.00%	\$ 0.1400	180	\$ 25.20	\$ -	0.00%	\$ 0.1400	180	\$ 25.20	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	400	\$ 41.20	\$ -	0.00%	\$ 0.1030	400	\$ 41.20	\$ -	0.00%	\$ 0.1030	400	\$ 41.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 164.68	\$ 1.05	0.64%			\$ 165.57	\$ 0.89	0.54%			\$ 166.12	\$ 0.55	0.33%
HST	13%		\$ 21.41	\$ 0.14	0.64%	13%		\$ 21.52	\$ 0.12	0.54%	13%		\$ 21.60	\$ 0.07	0.33%
<b>Total Bill (including HST)</b>			\$ 186.08	\$ 1.19	0.64%			\$ 187.09	\$ 1.01	0.54%			\$ 187.71	\$ 0.62	0.33%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 186.08	\$ 1.19	0.64%			\$ 187.09	\$ 1.01	0.54%			\$ 187.71	\$ 0.62	0.33%
<b>Total Bill on RPP (before Taxes)</b>			\$ 110.88	\$ 1.05	0.96%			\$ 111.77	\$ 0.89	0.80%			\$ 112.32	\$ 0.55	0.49%
HST	13%		\$ 14.41	\$ 0.14	0.96%	13%		\$ 14.53	\$ 0.12	0.80%	13%		\$ 14.60	\$ 0.07	0.49%
<b>Total Bill (including HST)</b>			\$ 125.29	\$ 1.19	0.96%			\$ 126.30	\$ 1.01	0.80%			\$ 126.92	\$ 0.62	0.49%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 125.29	\$ 1.19	0.96%			\$ 126.30	\$ 1.01	0.80%			\$ 126.92	\$ 0.62	0.49%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Distribution Volumetric Rate	\$ 0.0113	1000	\$ 11.30	\$ 0.40	3.67%	\$ 0.0117	1000	\$ 11.70	\$ 0.40	3.54%	\$ 0.0121	1000	\$ 12.10	\$ 0.40	3.42%
<b>"Regular" Distribution Only</b>			\$ 38.66	\$ 1.05	2.79%			\$ 39.55	\$ 0.89	2.30%			\$ 40.10	\$ 0.55	1.39%

Appendix 2-W  
Bill Impacts

Customer Class: **General Service Less Than 50 kW**

General Service Less Than 50 kW

TOU / non-TOU: **TOU**

Consumption: **2,000** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.8500	1	\$ 25.85	\$ 25.9800	1	\$ 25.98	\$ 0.13	0.50%
Smart Meter (SMIRR) Rate Rider	\$ 3.6500	1	\$ 3.65	\$ -	1	\$ -	-\$ 3.65	-100.00%
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.4300	1	\$ 0.43	\$ 0.43	100.00%
Rate Rider Recovery of Stranded Meters (2016)	\$ -	1	\$ -	\$ 1.8700	1	\$ 1.87	\$ 1.87	100.00%
Distribution Volumetric Rate	per kWh \$ 0.0106	2000	\$ 21.20	\$ 0.0105	2000	\$ 21.00	-\$ 0.20	-9.94%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	2000	-\$ 0.20	\$ -	2000	\$ -	\$ 0.20	-100.00%
LRAM VA (2016)	per kWh \$ -	2000	\$ -	\$ 0.0007	2000	\$ 1.40	\$ 1.40	100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	2000	\$ -	\$ 0.0002	2000	\$ 0.40	\$ 0.40	100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 50.50			\$ 51.08	\$ 0.58	1.15%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	2000	\$ -	-\$ 0.0005	2000	-\$ 1.00	-\$ 1.00	100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	2000	\$ -	-\$ 0.0015	2000	-\$ 3.00	-\$ 3.00	100.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	2000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	2000	\$ -	\$ 0.0137	0	\$ -	\$ -	
Low Voltage Service Charge	per kWh \$ 0.0006	2000	\$ 1.20	\$ 0.0011	2000	\$ 2.20	\$ 1.00	83.33%
Line Losses on Cost of Power	per kWh \$ 0.0950	68.8	\$ 6.54	\$ 0.0950	78.6	\$ 7.47	\$ 0.93	14.24%
Smart Meter Entitlement Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 59.03			\$ 57.54	-\$ 1.49	-2.52%
RTSR - Network	per kWh \$ 0.0060	2069	\$ 12.41	\$ 0.0063	2079	\$ 13.10	\$ 0.68	5.50%
RTSR - Line and Transformation Connection	per kWh \$ 0.0046	2069	\$ 9.52	\$ 0.0051	2079	\$ 10.60	\$ 1.08	11.39%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 80.96			\$ 81.23	\$ 0.28	0.34%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	2069	\$ 9.10	\$ 0.0044	2079	\$ 9.15	\$ 0.04	0.47%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	2069	\$ 2.69	\$ 0.0013	2079	\$ 2.70	\$ 0.01	0.47%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	1280	\$ 98.56	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	360	\$ 41.04	\$ 0.1140	360	\$ 41.04	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	360	\$ 50.40	\$ 0.1400	360	\$ 50.40	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	1400	\$ 144.20	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 297.00			\$ 297.33	\$ 0.33	0.11%
HST	13%		\$ 38.61	13%		\$ 38.65	\$ 0.04	0.11%
<b>Total Bill (including HST)</b>			\$ 335.61			\$ 335.98	\$ 0.38	0.11%
Ontario Clean Energy Benefit			-\$ 33.56			\$ 33.56	\$ 33.56	-100.00%
<b>Total Bill on TOU (including OCEB)</b>			\$ 302.05			\$ 335.98	\$ 33.94	11.24%
<b>Total Bill on RPP (before Taxes)</b>			\$ 251.20			\$ 251.53	\$ 0.33	0.13%
HST	13%		\$ 32.66	13%		\$ 32.70	\$ 0.04	0.13%
<b>Total Bill (including HST)</b>			\$ 283.85			\$ 284.23	\$ 0.38	0.13%
Ontario Clean Energy Benefit			-\$ 28.39			\$ 28.39	\$ 28.39	-100.00%
<b>Total Bill on RPP (including OCEB)</b>			\$ 255.46			\$ 284.23	\$ 28.77	11.26%

Charge Unit	2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.7100	1	\$ 26.71	\$ 0.73	2.81%
Distribution Volumetric Rate	per kWh \$ 0.0109	2000	\$ 21.80	\$ 0.80	3.81%
Rate Rider Tax Change (2015)	per kWh \$ -	2000	\$ -	\$ -	
LRAM VA (2016)	per kWh \$ -	2000	\$ -	-\$ 1.40	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	2000	\$ -	-\$ 0.40	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 50.38	-\$ 0.70	-1.37%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	2000	\$ -	\$ 1.00	100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	2000	\$ -	\$ -	
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ -	2000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	2000	\$ -	\$ -	
Low Voltage Service Charge	per kWh \$ 0.0011	2000	\$ 2.20	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	78.6	\$ 7.47	\$ -	0.00%
Smart Meter Entitlement Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 57.84	\$ 0.30	0.52%
RTSR - Network	per kWh \$ 0.0063	2079	\$ 13.10	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	2079	\$ 10.60	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 81.53	\$ 0.30	0.37%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	2079	\$ 9.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	2079	\$ 2.70	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	2000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	1280	\$ 98.56	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	360	\$ 41.04	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	360	\$ 50.40	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	1400	\$ 144.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 297.63	\$ 0.30	0.10%
HST	13%		\$ 38.69	\$ 0.04	0.10%
<b>Total Bill (including HST)</b>			\$ 336.32	\$ 0.34	0.10%
Ontario Clean Energy Benefit			\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 336.32	\$ 0.34	0.10%
<b>Total Bill on RPP (before Taxes)</b>			\$ 251.83	\$ 0.30	0.12%
HST	13%		\$ 32.74	\$ 0.04	0.12%
<b>Total Bill (including HST)</b>			\$ 284.57	\$ 0.34	0.12%
Ontario Clean Energy Benefit			\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 284.57	\$ 0.34	0.12%

Loss Factor (%)

3.44%

3.93%

3.93%

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.8500	1	\$ 25.85	\$ 25.9800	1	\$ 25.98	\$ 0.13	0.50%
Distribution Volumetric Rate	per kWh \$ 0.0106	2000	\$ 21.20	\$ 0.0105	2000	\$ 21.00	-\$ 0.20	-9.94%
<b>"Regular" Distribution Only</b>			\$ 47.05			\$ 46.98	-\$ 0.07	-0.15%

Charge Unit	2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 26.7100	1	\$ 26.71	\$ 0.73	2.81%
Distribution Volumetric Rate	per kWh \$ 0.0109	2000	\$ 21.80	\$ 0.80	3.81%
<b>"Regular" Distribution Only</b>			\$ 48.51	\$ 1.53	3.26%

Customer Class:  
TOU / non-TOU:

General Service Less Than 50 kW

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters (2016)	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0113	2000	\$ 22.60	\$ 0.80	3.67%	\$ 0.0117	2000	\$ 23.40	\$ 0.80	3.54%	\$ 0.0121	2000	\$ 24.20	\$ 0.80	3.42%
Rate Rider Tax Change (2015)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
LRAM VA (2016)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 51.83	\$ 1.45	2.88%			\$ 53.12	\$ 1.29	2.49%			\$ 54.07	\$ 0.95	1.79%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0015	2000	-\$ 3.00	\$ -	0.00%	-\$ 0.0015	2000	-\$ 3.00	\$ -	0.00%	-\$ 0.0015	2000	-\$ 3.00	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -		\$ -	2000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0011	2000	\$ 2.20	\$ -	0.00%	\$ 0.0011	2000	\$ 2.20	\$ -	0.00%	\$ 0.0011	2000	\$ 2.20	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	78.6	\$ 7.47	\$ -	0.00%	\$ 0.0950	78.6	\$ 7.47	\$ -	0.00%	\$ 0.0950	78.6	\$ 7.47	\$ -	0.00%
Smart Meter Entity Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 59.29	\$ 1.45	2.51%			\$ 60.58	\$ 1.29	2.18%			\$ 61.53	\$ 0.95	1.57%
RTSR - Network	\$ 0.0063	2079	\$ 13.10	\$ -	0.00%	\$ 0.0063	2079	\$ 13.10	\$ -	0.00%	\$ 0.0063	2079	\$ 13.10	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0051	2079	\$ 10.60	\$ -	0.00%	\$ 0.0051	2079	\$ 10.60	\$ -	0.00%	\$ 0.0051	2079	\$ 10.60	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 82.98	\$ 1.45	1.78%			\$ 84.27	\$ 1.29	1.55%			\$ 85.22	\$ 0.95	1.13%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	2079	\$ 9.15	\$ -	0.00%	\$ 0.0044	2079	\$ 9.15	\$ -	0.00%	\$ 0.0044	2079	\$ 9.15	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2079	\$ 2.70	\$ -	0.00%	\$ 0.0013	2079	\$ 2.70	\$ -	0.00%	\$ 0.0013	2079	\$ 2.70	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%	\$ 0.0770	1280	\$ 98.56	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	360	\$ 41.04	\$ -	0.00%	\$ 0.1140	360	\$ 41.04	\$ -	0.00%	\$ 0.1140	360	\$ 41.04	\$ -	0.00%
TOU - On Peak	\$ 0.1400	360	\$ 50.40	\$ -	0.00%	\$ 0.1400	360	\$ 50.40	\$ -	0.00%	\$ 0.1400	360	\$ 50.40	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%	\$ 0.1030	1400	\$ 144.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 299.08	\$ 1.45	0.49%			\$ 300.37	\$ 1.29	0.43%			\$ 301.32	\$ 0.95	0.32%
HST	13%		\$ 38.88	\$ 0.19	0.49%	13%		\$ 39.05	\$ 0.17	0.43%	13%		\$ 39.17	\$ 0.12	0.32%
<b>Total Bill (including HST)</b>			\$ 337.96	\$ 1.64	0.49%			\$ 339.42	\$ 1.46	0.43%			\$ 340.49	\$ 1.07	0.32%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 337.96	\$ 1.64	0.49%			\$ 339.42	\$ 1.46	0.43%			\$ 340.49	\$ 1.07	0.32%
<b>Total Bill on RPP (before Taxes)</b>			\$ 253.28	\$ 1.45	0.58%			\$ 254.57	\$ 1.29	0.51%			\$ 255.52	\$ 0.95	0.37%
HST	13%		\$ 32.93	\$ 0.19	0.58%	13%		\$ 33.09	\$ 0.17	0.51%	13%		\$ 33.22	\$ 0.12	0.37%
<b>Total Bill (including HST)</b>			\$ 286.21	\$ 1.64	0.58%			\$ 287.67	\$ 1.46	0.51%			\$ 288.74	\$ 1.07	0.37%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 286.21	\$ 1.64	0.58%			\$ 287.67	\$ 1.46	0.51%			\$ 288.74	\$ 1.07	0.37%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Distribution Volumetric Rate	\$ 0.0113	2000	\$ 22.60	\$ 0.80	3.67%	\$ 0.0117	2000	\$ 23.40	\$ 0.80	3.54%	\$ 0.0121	2000	\$ 24.20	\$ 0.80	3.42%
<b>"Regular" Distribution Only</b>			\$ 49.96	\$ 1.45	2.99%			\$ 51.25	\$ 1.29	2.58%			\$ 52.20	\$ 0.95	1.85%



Appendix 2-W  
Bill Impacts

Customer Class: **General Service Less Than 50 kW**

General Service Less Than 50 kW

TOU / non-TOU: **TOU**

Consumption:  5,000 kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.8500	1	\$ 25.85	\$ 25.9800	1	\$ 25.98	\$ 0.13	0.50%	\$ 26.7100	1	\$ 26.71	\$ 0.73	2.81%
Smart Meter (SMIRR) Rate Rider	\$ 3.6500	1	\$ 3.65	\$ -	1	\$ -	-\$ 3.65	-100.00%	\$ -	1	\$ -	\$ -	-
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.4300	1	\$ 0.43	\$ 0.43	100.00%	\$ -	1	\$ -	-\$ 0.43	-100.00%
Rate Rider Recovery of Stranded Meters (2016)	\$ -	1	\$ -	\$ 1.8700	1	\$ 1.87	\$ 1.87	100.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
		1	\$ -	\$ -	1	\$ -	\$ -	-	\$ -	1	\$ -	\$ -	-
		1	\$ -	\$ -	1	\$ -	\$ -	-	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	per kWh \$ 0.0106	5000	\$ 53.00	\$ 0.0105	5000	\$ 52.50	-\$ 0.50	-9.94%	\$ 0.0109	5000	\$ 54.50	\$ 2.00	3.81%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	5000	-\$ 0.50	\$ -	5000	\$ -	\$ 0.50	-100.00%	\$ -	5000	\$ -	\$ -	-
LRAM VA (2016)	per kWh \$ -	5000	\$ -	\$ 0.0007	5000	\$ 3.50	\$ 3.50	100.00%	\$ -	5000	\$ -	-\$ 3.50	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	5000	\$ -	\$ 0.0002	5000	\$ 1.00	\$ 1.00	100.00%	\$ -	5000	\$ -	-\$ 1.00	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 82.00			\$ 85.28	\$ 3.28	4.00%			\$ 83.08	-\$ 2.20	-2.56%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	5000	\$ -	-\$ 0.0005	5000	-\$ 2.50	-\$ 2.50	100.00%	\$ -	5000	\$ -	\$ 2.50	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	5000	\$ -	-\$ 0.0015	5000	-\$ 7.50	-\$ 7.50	100.00%	-\$ 0.0015	5000	-\$ 7.50	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	5000	\$ -	\$ -	-	\$ -	5000	\$ -	\$ -	-
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	5000	\$ -	\$ 0.0137	0	\$ -	\$ -	-	\$ -	5000	\$ -	\$ -	-
Low Voltage Service Charge	per kWh \$ 0.0006	5000	\$ 3.00	\$ 0.0011	5000	\$ 5.50	\$ 2.50	83.33%	\$ 0.0011	5000	\$ 5.50	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	172	\$ 16.34	\$ 0.0950	196.5	\$ 18.67	\$ 2.33	14.24%	\$ 0.0950	196.5	\$ 18.67	\$ -	0.00%
Smart Meter Entry Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	-	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 102.13			\$ 100.24	-\$ 1.89	-1.85%			\$ 100.54	\$ 0.30	0.30%
RTSR - Network	per kWh \$ 0.0060	5172	\$ 31.03	\$ 0.0063	5197	\$ 32.74	\$ 1.71	5.50%	\$ 0.0063	5197	\$ 32.74	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0046	5172	\$ 23.79	\$ 0.0051	5197	\$ 26.50	\$ 2.71	11.39%	\$ 0.0051	5197	\$ 26.50	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 156.95			\$ 159.48	\$ 2.52	1.61%			\$ 159.78	\$ 0.30	0.19%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	5172	\$ 22.76	\$ 0.0044	5197	\$ 22.86	\$ 0.11	0.47%	\$ 0.0044	5197	\$ 22.86	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	5172	\$ 6.72	\$ 0.0013	5197	\$ 6.76	\$ 0.03	0.47%	\$ 0.0013	5197	\$ 6.76	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	5000	\$ 35.00	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	3200	\$ 246.40	\$ 0.0770	3200	\$ 246.40	\$ -	0.00%	\$ 0.0770	3200	\$ 246.40	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	900	\$ 102.60	\$ 0.1140	900	\$ 102.60	\$ -	0.00%	\$ 0.1140	900	\$ 102.60	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	900	\$ 126.00	\$ 0.1400	900	\$ 126.00	\$ -	0.00%	\$ 0.1400	900	\$ 126.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	4400	\$ 453.20	\$ 0.1030	4400	\$ 453.20	\$ -	0.00%	\$ 0.1030	4400	\$ 453.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 696.68			\$ 699.35	\$ 2.66	0.38%			\$ 699.65	\$ 0.30	0.04%
HST	13%		\$ 90.57	13%		\$ 90.92	\$ 0.35	0.38%	13%		\$ 90.95	\$ 0.04	0.04%
<b>Total Bill (including HST)</b>			\$ 787.25			\$ 790.26	\$ 3.01	0.38%			\$ 790.60	\$ 0.34	0.04%
Ontario Clean Energy Benefit			-\$ 78.73			-\$ 78.73	-\$ 78.73	-100.00%			-\$ 78.73	-\$ 78.73	-100.00%
<b>Total Bill on TOU (including OCEB)</b>			\$ 708.52			\$ 790.26	\$ 81.74	11.54%			\$ 790.60	\$ 0.34	0.04%
<b>Total Bill on RPP (before Taxes)</b>			\$ 674.88			\$ 677.55	\$ 2.66	0.39%			\$ 677.85	\$ 0.30	0.04%
HST	13%		\$ 87.73	13%		\$ 88.08	\$ 0.35	0.39%	13%		\$ 88.12	\$ 0.04	0.04%
<b>Total Bill (including HST)</b>			\$ 762.62			\$ 765.63	\$ 3.01	0.39%			\$ 765.97	\$ 0.34	0.04%
Ontario Clean Energy Benefit			-\$ 76.26			-\$ 76.26	-\$ 76.26	-100.00%			-\$ 76.26	-\$ 76.26	-100.00%
<b>Total Bill on RPP (including OCEB)</b>			\$ 686.36			\$ 765.63	\$ 79.27	11.55%			\$ 765.97	\$ 0.34	0.04%

Loss Factor (%)	3.44%	3.93%	3.93%										
Distribution Excluding Rate Riders													
Monthly Service Charge	\$ 25.8500	1	\$ 25.85	\$ 25.9800	1	\$ 25.98	\$ 0.13	0.50%	\$ 26.7100	1	\$ 26.71	\$ 0.73	2.81%
Distribution Volumetric Rate	per kWh \$ 0.0106	5000	\$ 53.00	\$ 0.0105	5000	\$ 52.50	-\$ 0.50	-9.94%	\$ 0.0109	5000	\$ 54.50	\$ 2.00	3.81%
<b>"Regular" Distribution Only</b>			\$ 78.85			\$ 78.48	-\$ 0.37	-0.47%			\$ 81.21	\$ 2.73	3.48%

Customer Class:

General Service Less Than 50 kW

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters (2016)	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0113	5000	\$ 56.50	\$ 2.00	3.67%	\$ 0.0117	5000	\$ 58.50	\$ 2.00	3.54%	\$ 0.0121	5000	\$ 60.50	\$ 2.00	3.42%
Rate Rider Tax Change (2015)	\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -	
LRAM VA (2016)	\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 85.73	\$ 2.65	3.19%			\$ 88.22	\$ 2.49	2.90%			\$ 90.37	\$ 2.15	2.44%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0015	5000	-\$ 7.50	\$ -	0.00%	-\$ 0.0015	5000	-\$ 7.50	\$ -	0.00%	-\$ 0.0015	5000	-\$ 7.50	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -		\$ -	5000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0011	5000	\$ 5.50	\$ -	0.00%	\$ 0.0011	5000	\$ 5.50	\$ -	0.00%	\$ 0.0011	5000	\$ 5.50	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	196.5	\$ 18.67	\$ -	0.00%	\$ 0.0950	196.5	\$ 18.67	\$ -	0.00%	\$ 0.0950	196.5	\$ 18.67	\$ -	0.00%
Smart Meter Entity Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 103.19	\$ 2.65	2.64%			\$ 105.68	\$ 2.49	2.41%			\$ 107.83	\$ 2.15	2.03%
RTSR - Network	\$ 0.0063	5197	\$ 32.74	\$ -	0.00%	\$ 0.0063	5197	\$ 32.74	\$ -	0.00%	\$ 0.0063	5197	\$ 32.74	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0051	5197	\$ 26.50	\$ -	0.00%	\$ 0.0051	5197	\$ 26.50	\$ -	0.00%	\$ 0.0051	5197	\$ 26.50	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 162.43	\$ 2.65	1.66%			\$ 164.92	\$ 2.49	1.53%			\$ 167.07	\$ 2.15	1.30%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	5197	\$ 22.86	\$ -	0.00%	\$ 0.0044	5197	\$ 22.86	\$ -	0.00%	\$ 0.0044	5197	\$ 22.86	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	5197	\$ 6.76	\$ -	0.00%	\$ 0.0013	5197	\$ 6.76	\$ -	0.00%	\$ 0.0013	5197	\$ 6.76	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	3200	\$ 246.40	\$ -	0.00%	\$ 0.0770	3200	\$ 246.40	\$ -	0.00%	\$ 0.0770	3200	\$ 246.40	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	900	\$ 102.60	\$ -	0.00%	\$ 0.1140	900	\$ 102.60	\$ -	0.00%	\$ 0.1140	900	\$ 102.60	\$ -	0.00%
TOU - On Peak	\$ 0.1400	900	\$ 126.00	\$ -	0.00%	\$ 0.1400	900	\$ 126.00	\$ -	0.00%	\$ 0.1400	900	\$ 126.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	4400	\$ 453.20	\$ -	0.00%	\$ 0.1030	4400	\$ 453.20	\$ -	0.00%	\$ 0.1030	4400	\$ 453.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 702.30	\$ 2.65	0.38%			\$ 704.79	\$ 2.49	0.35%			\$ 706.94	\$ 2.15	0.31%
HST	13%		\$ 91.30	\$ 0.34	0.38%	13%		\$ 91.62	\$ 0.32	0.35%	13%		\$ 91.90	\$ 0.28	0.31%
<b>Total Bill (including HST)</b>			\$ 793.60	\$ 2.99	0.38%			\$ 796.41	\$ 2.81	0.35%			\$ 798.84	\$ 2.43	0.31%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 793.60	\$ 2.99	0.38%			\$ 796.41	\$ 2.81	0.35%			\$ 798.84	\$ 2.43	0.31%
<b>Total Bill on RPP (before Taxes)</b>			\$ 680.50	\$ 2.65	0.39%			\$ 682.99	\$ 2.49	0.37%			\$ 685.14	\$ 2.15	0.31%
HST	13%		\$ 88.46	\$ 0.34	0.39%	13%		\$ 88.79	\$ 0.32	0.37%	13%		\$ 89.07	\$ 0.28	0.31%
<b>Total Bill (including HST)</b>			\$ 768.96	\$ 2.99	0.39%			\$ 771.78	\$ 2.81	0.37%			\$ 774.21	\$ 2.43	0.31%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 768.96	\$ 2.99	0.39%			\$ 771.78	\$ 2.81	0.37%			\$ 774.21	\$ 2.43	0.31%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Distribution Volumetric Rate	\$ 0.0113	5000	\$ 56.50	\$ 2.00	3.67%	\$ 0.0117	5000	\$ 58.50	\$ 2.00	3.54%	\$ 0.0121	5000	\$ 60.50	\$ 2.00	3.42%
<b>"Regular" Distribution Only</b>			\$ 83.86	\$ 2.65	3.26%			\$ 86.35	\$ 2.49	2.97%			\$ 88.50	\$ 2.15	2.49%

Appendix 2-W  
Bill Impacts

Customer Class: **General Service Less Than 50 kW**

General Service Less Than 50 kW

TOU / non-TOU: **TOU**

Consumption:  10,000 kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.8500	1	\$ 25.85	\$ 25.9800	1	\$ 25.98	\$ 0.13	0.50%	\$ 26.7100	1	\$ 26.71	\$ 0.73	2.81%
Smart Meter (SMIRR) Rate Rider	\$ 3.6500	1	\$ 3.65	\$ -	1	\$ -	-\$ 3.65	-100.00%	\$ -	1	\$ -	\$ -	-
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ 0.4300	1	\$ 0.43	\$ 0.43	100.00%	\$ -	1	\$ -	\$ 0.43	-100.00%
Rate Rider Recovery of Stranded Meters (2016)	\$ -	1	\$ -	\$ 1.8700	1	\$ 1.87	\$ 1.87	100.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
		1	\$ -	\$ -	1	\$ -	\$ -	-	\$ -	1	\$ -	\$ -	-
		1	\$ -	\$ -	1	\$ -	\$ -	-	\$ -	1	\$ -	\$ -	-
Distribution Volumetric Rate	per kWh \$ 0.0106	10000	\$ 106.00	\$ 0.0105	10000	\$ 105.00	-\$ 1.00	-0.94%	\$ 0.0109	10000	\$ 109.00	\$ 4.00	3.81%
Rate Rider Tax Change (2015)	per kWh \$ -0.0001	10000	-\$ 1.00	\$ -	10000	\$ -	\$ 1.00	-100.00%	\$ -	10000	\$ -	\$ -	-
LRAM VA (2016)	per kWh \$ -	10000	\$ -	\$ 0.0007	10000	\$ 7.00	\$ 7.00	100.00%	\$ -	10000	\$ -	\$ 7.00	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	10000	\$ -	\$ 0.0002	10000	\$ 2.00	\$ 2.00	100.00%	\$ -	10000	\$ -	\$ 2.00	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 134.50			\$ 142.28	\$ 7.78	5.78%			\$ 137.58	-\$ 4.70	-3.30%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	10000	\$ -	-\$ 0.0005	10000	-\$ 5.00	-\$ 5.00	100.00%	\$ -	10000	\$ -	\$ 5.00	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	10000	\$ -	-\$ 0.0015	10000	-\$ 15.00	-\$ 15.00	100.00%	-\$ 0.0015	10000	-\$ 15.00	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	10000	\$ -	\$ -	-	\$ -	10000	\$ -	\$ -	-
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	10000	\$ -	\$ 0.0137	0	\$ -	\$ -	-	\$ -	10000	\$ -	\$ -	-
Low Voltage Service Charge	per kWh \$ 0.0006	10000	\$ 6.00	\$ 0.0011	10000	\$ 11.00	\$ 5.00	83.33%	\$ 0.0011	10000	\$ 11.00	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	344	\$ 32.68	\$ 0.0950	393	\$ 37.33	\$ 4.65	14.24%	\$ 0.0950	393	\$ 37.33	\$ -	0.00%
Smart Meter Entitlement Charge	Monthly \$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	-	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 173.97			\$ 171.41	-\$ 2.57	-1.47%			\$ 171.71	\$ 0.30	0.18%
RTSR - Network	per kWh \$ 0.0060	10344	\$ 62.06	\$ 0.0063	10393	\$ 65.48	\$ 3.41	5.50%	\$ 0.0063	10393	\$ 65.48	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0046	10344	\$ 47.58	\$ 0.0051	10393	\$ 53.00	\$ 5.42	11.39%	\$ 0.0051	10393	\$ 53.00	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 283.62			\$ 289.89	\$ 6.27	2.21%			\$ 290.19	\$ 0.30	0.10%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	10344	\$ 45.51	\$ 0.0044	10393	\$ 45.73	\$ 0.22	0.47%	\$ 0.0044	10393	\$ 45.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	10344	\$ 13.45	\$ 0.0013	10393	\$ 13.51	\$ 0.06	0.47%	\$ 0.0013	10393	\$ 13.51	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	10000	\$ 70.00	\$ 0.0070	10000	\$ 70.00	\$ -	0.00%	\$ 0.0070	10000	\$ 70.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	6400	\$ 492.80	\$ 0.0770	6400	\$ 492.80	\$ -	0.00%	\$ 0.0770	6400	\$ 492.80	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	1800	\$ 205.20	\$ 0.1140	1800	\$ 205.20	\$ -	0.00%	\$ 0.1140	1800	\$ 205.20	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	1800	\$ 252.00	\$ 0.1400	1800	\$ 252.00	\$ -	0.00%	\$ 0.1400	1800	\$ 252.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	9400	\$ 968.20	\$ 0.1030	9400	\$ 968.20	\$ -	0.00%	\$ 0.1030	9400	\$ 968.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 1,362.83			\$ 1,369.38	\$ 6.55	0.48%			\$ 1,369.68	\$ 0.30	0.02%
HST	13%		\$ 177.17	13%		\$ 178.02	\$ 0.85	0.48%	13%		\$ 178.06	\$ 0.04	0.02%
<b>Total Bill (including HST)</b>			\$ 1,539.99			\$ 1,547.39	\$ 7.40	0.48%			\$ 1,547.73	\$ 0.34	0.02%
Ontario Clean Energy Benefit			-\$ 154.00			\$ -	\$ 154.00	-100.00%			\$ -	\$ -	-
<b>Total Bill on TOU (including OCEB)</b>			\$ 1,385.99			\$ 1,547.39	\$ 161.40	11.65%			\$ 1,547.73	\$ 0.34	0.02%
<b>Total Bill on RPP (before Taxes)</b>			\$ 1,381.03			\$ 1,387.58	\$ 6.55	0.47%			\$ 1,387.88	\$ 0.30	0.02%
HST	13%		\$ 179.53	13%		\$ 180.38	\$ 0.85	0.47%	13%		\$ 180.42	\$ 0.04	0.02%
<b>Total Bill (including HST)</b>			\$ 1,560.56			\$ 1,567.96	\$ 7.40	0.47%			\$ 1,568.30	\$ 0.34	0.02%
Ontario Clean Energy Benefit			-\$ 156.06			\$ -	\$ 156.06	-100.00%			\$ -	\$ -	-
<b>Total Bill on RPP (including OCEB)</b>			\$ 1,404.50			\$ 1,567.96	\$ 163.46	11.64%			\$ 1,568.30	\$ 0.34	0.02%

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 25.8500	1	\$ 25.85	\$ 25.9800	1	\$ 25.98	\$ 0.13	0.50%	\$ 26.7100	1	\$ 26.71	\$ 0.73	2.81%
Distribution Volumetric Rate	per kWh \$ 0.0106	10000	\$ 106.00	\$ 0.0105	10000	\$ 105.00	-\$ 1.00	-0.94%	\$ 0.0109	10000	\$ 109.00	\$ 4.00	3.81%
<b>"Regular" Distribution Only</b>			\$ 131.85			\$ 130.98	-\$ 0.87	-0.66%			\$ 135.71	\$ 4.73	3.61%

Customer Class:  
TOU / non-TOU:

General Service Less Than 50 kW

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters (2016)	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0113	10000	\$ 113.00	\$ 4.00	3.67%	\$ 0.0117	10000	\$ 117.00	\$ 4.00	3.54%	\$ 0.0121	10000	\$ 121.00	\$ 4.00	3.42%
Rate Rider Tax Change (2015)	\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -	
LRAM VA (2016)	\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 142.23	\$ 4.65	3.38%			\$ 146.72	\$ 4.49	3.16%			\$ 150.87	\$ 4.15	2.83%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0015	10000	-\$ 15.00	\$ -	0.00%	-\$ 0.0015	10000	-\$ 15.00	\$ -	0.00%	-\$ 0.0015	10000	-\$ 15.00	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -		\$ -	10000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0011	10000	\$ 11.00	\$ -	0.00%	\$ 0.0011	10000	\$ 11.00	\$ -	0.00%	\$ 0.0011	10000	\$ 11.00	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	393	\$ 37.33	\$ -	0.00%	\$ 0.0950	393	\$ 37.33	\$ -	0.00%	\$ 0.0950	393	\$ 37.33	\$ -	0.00%
Smart Meter Entity Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 176.36	\$ 4.65	2.71%			\$ 180.85	\$ 4.49	2.55%			\$ 185.00	\$ 4.15	2.29%
RTSR - Network	\$ 0.0063	10393	\$ 65.48	\$ -	0.00%	\$ 0.0063	10393	\$ 65.48	\$ -	0.00%	\$ 0.0063	10393	\$ 65.48	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0051	10393	\$ 53.00	\$ -	0.00%	\$ 0.0051	10393	\$ 53.00	\$ -	0.00%	\$ 0.0051	10393	\$ 53.00	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 294.84	\$ 4.65	1.60%			\$ 299.33	\$ 4.49	1.52%			\$ 303.48	\$ 4.15	1.39%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	10393	\$ 45.73	\$ -	0.00%	\$ 0.0044	10393	\$ 45.73	\$ -	0.00%	\$ 0.0044	10393	\$ 45.73	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	10393	\$ 13.51	\$ -	0.00%	\$ 0.0013	10393	\$ 13.51	\$ -	0.00%	\$ 0.0013	10393	\$ 13.51	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	10000	\$ 70.00	\$ -	0.00%	\$ 0.0070	10000	\$ 70.00	\$ -	0.00%	\$ 0.0070	10000	\$ 70.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	6400	\$ 492.80	\$ -	0.00%	\$ 0.0770	6400	\$ 492.80	\$ -	0.00%	\$ 0.0770	6400	\$ 492.80	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	1800	\$ 205.20	\$ -	0.00%	\$ 0.1140	1800	\$ 205.20	\$ -	0.00%	\$ 0.1140	1800	\$ 205.20	\$ -	0.00%
TOU - On Peak	\$ 0.1400	1800	\$ 252.00	\$ -	0.00%	\$ 0.1400	1800	\$ 252.00	\$ -	0.00%	\$ 0.1400	1800	\$ 252.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	9400	\$ 968.20	\$ -	0.00%	\$ 0.1030	9400	\$ 968.20	\$ -	0.00%	\$ 0.1030	9400	\$ 968.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 1,374.33	\$ 4.65	0.34%			\$ 1,378.82	\$ 4.49	0.33%			\$ 1,382.97	\$ 4.15	0.30%
HST	13%		\$ 178.66	\$ 0.60	0.34%	13%		\$ 179.25	\$ 0.58	0.33%	13%		\$ 179.79	\$ 0.54	0.30%
<b>Total Bill (including HST)</b>			\$ 1,552.99	\$ 5.25	0.34%			\$ 1,558.06	\$ 5.07	0.33%			\$ 1,562.75	\$ 4.69	0.30%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 1,552.99	\$ 5.25	0.34%			\$ 1,558.06	\$ 5.07	0.33%			\$ 1,562.75	\$ 4.69	0.30%
<b>Total Bill on RPP (before Taxes)</b>			\$ 1,392.53	\$ 4.65	0.34%			\$ 1,397.02	\$ 4.49	0.32%			\$ 1,401.17	\$ 4.15	0.30%
HST	13%		\$ 181.03	\$ 0.60	0.34%	13%		\$ 181.61	\$ 0.58	0.32%	13%		\$ 182.15	\$ 0.54	0.30%
<b>Total Bill (including HST)</b>			\$ 1,573.55	\$ 5.25	0.34%			\$ 1,578.63	\$ 5.07	0.32%			\$ 1,583.32	\$ 4.69	0.30%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 1,573.55	\$ 5.25	0.34%			\$ 1,578.63	\$ 5.07	0.32%			\$ 1,583.32	\$ 4.69	0.30%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Distribution Volumetric Rate	\$ 0.0113	10000	\$ 113.00	\$ 4.00	3.67%	\$ 0.0117	10000	\$ 117.00	\$ 4.00	3.54%	\$ 0.0121	10000	\$ 121.00	\$ 4.00	3.42%
<b>"Regular" Distribution Only</b>			\$ 140.36	\$ 4.65	3.43%			\$ 144.85	\$ 4.49	3.20%			\$ 149.00	\$ 4.15	2.87%



Customer Class:  
TOU / non-TOU:

General Service Less Than 50 kW

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters (2016)	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%	\$ 1.8700	1	\$ 1.87	\$ -	0.00%
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0113	15000	\$ 169.50	\$ 6.00	3.67%	\$ 0.0117	15000	\$ 175.50	\$ 6.00	3.54%	\$ 0.0121	15000	\$ 181.50	\$ 6.00	3.42%
Rate Rider Tax Change (2015)	\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -	
LRAM VA (2016)	\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 198.73	\$ 6.65	3.46%			\$ 205.22	\$ 6.49	3.27%			\$ 211.37	\$ 6.15	3.00%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0015	15000	-\$ 22.50	\$ -	0.00%	-\$ 0.0015	15000	-\$ 22.50	\$ -	0.00%	-\$ 0.0015	15000	-\$ 22.50	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -		\$ -	15000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0011	15000	\$ 16.50	\$ -	0.00%	\$ 0.0011	15000	\$ 16.50	\$ -	0.00%	\$ 0.0011	15000	\$ 16.50	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	589.5	\$ 56.00	\$ -	0.00%	\$ 0.0950	589.5	\$ 56.00	\$ -	0.00%	\$ 0.0950	589.5	\$ 56.00	\$ -	0.00%
Smart Meter Entity Charge	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 249.52	\$ 6.65	2.74%			\$ 256.01	\$ 6.49	2.60%			\$ 262.16	\$ 6.15	2.40%
RTSR - Network	\$ 0.0063	15590	\$ 98.21	\$ -	0.00%	\$ 0.0063	15590	\$ 98.21	\$ -	0.00%	\$ 0.0063	15590	\$ 98.21	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0051	15590	\$ 79.51	\$ -	0.00%	\$ 0.0051	15590	\$ 79.51	\$ -	0.00%	\$ 0.0051	15590	\$ 79.51	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 427.24	\$ 6.65	1.58%			\$ 433.73	\$ 6.49	1.52%			\$ 439.88	\$ 6.15	1.42%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	15590	\$ 68.59	\$ -	0.00%	\$ 0.0044	15590	\$ 68.59	\$ -	0.00%	\$ 0.0044	15590	\$ 68.59	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	15590	\$ 20.27	\$ -	0.00%	\$ 0.0013	15590	\$ 20.27	\$ -	0.00%	\$ 0.0013	15590	\$ 20.27	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	15000	\$ 105.00	\$ -	0.00%	\$ 0.0070	15000	\$ 105.00	\$ -	0.00%	\$ 0.0070	15000	\$ 105.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	9600	\$ 739.20	\$ -	0.00%	\$ 0.0770	9600	\$ 739.20	\$ -	0.00%	\$ 0.0770	9600	\$ 739.20	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	2700	\$ 307.80	\$ -	0.00%	\$ 0.1140	2700	\$ 307.80	\$ -	0.00%	\$ 0.1140	2700	\$ 307.80	\$ -	0.00%
TOU - On Peak	\$ 0.1400	2700	\$ 378.00	\$ -	0.00%	\$ 0.1400	2700	\$ 378.00	\$ -	0.00%	\$ 0.1400	2700	\$ 378.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	14400	\$ 1,483.20	\$ -	0.00%	\$ 0.1030	14400	\$ 1,483.20	\$ -	0.00%	\$ 0.1030	14400	\$ 1,483.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 2,046.35	\$ 6.65	0.33%			\$ 2,052.84	\$ 6.49	0.32%			\$ 2,058.99	\$ 6.15	0.30%
HST	13%		\$ 266.03	\$ 0.86	0.33%	13%		\$ 266.87	\$ 0.84	0.32%	13%		\$ 267.67	\$ 0.80	0.30%
<b>Total Bill (including HST)</b>			\$ 2,312.38	\$ 7.51	0.33%			\$ 2,319.71	\$ 7.33	0.32%			\$ 2,326.66	\$ 6.95	0.30%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 2,312.38	\$ 7.51	0.33%			\$ 2,319.71	\$ 7.33	0.32%			\$ 2,326.66	\$ 6.95	0.30%
<b>Total Bill on RPP (before Taxes)</b>			\$ 2,104.55	\$ 6.65	0.32%			\$ 2,111.04	\$ 6.49	0.31%			\$ 2,117.19	\$ 6.15	0.29%
HST	13%		\$ 273.59	\$ 0.86	0.32%	13%		\$ 274.44	\$ 0.84	0.31%	13%		\$ 275.24	\$ 0.80	0.29%
<b>Total Bill (including HST)</b>			\$ 2,378.14	\$ 7.51	0.32%			\$ 2,385.48	\$ 7.33	0.31%			\$ 2,392.43	\$ 6.95	0.29%
<b>Ontario Clean Energy Benefit</b>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 2,378.14	\$ 7.51	0.32%			\$ 2,385.48	\$ 7.33	0.31%			\$ 2,392.43	\$ 6.95	0.29%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2020 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 27.3600	1	\$ 27.36	\$ 0.65	2.43%	\$ 27.8500	1	\$ 27.85	\$ 0.49	1.79%	\$ 28.0000	1	\$ 28.00	\$ 0.15	0.54%
Distribution Volumetric Rate	\$ 0.0113	15000	\$ 169.50	\$ 6.00	3.67%	\$ 0.0117	15000	\$ 175.50	\$ 6.00	3.54%	\$ 0.0121	15000	\$ 181.50	\$ 6.00	3.42%
<b>"Regular" Distribution Only</b>			\$ 196.86	\$ 6.65	3.50%			\$ 203.35	\$ 6.49	3.30%			\$ 209.50	\$ 6.15	3.02%

Appendix 2-W  
Bill Impacts

Customer Class: **General Service 50 to 4,999 kW**

General Service 50 to 4,999 kW

TOU / non-TOU: **TOU**

Consumption Load  40,000 kWh  60 kW  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 280.0900	1	\$ 280.09	\$ 306.6200	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.6700	1	\$ 315.67	\$ 9.05
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	per kW \$ 2.0063	60	\$ 120.38	\$ 2.0072	60	\$ 120.43	\$ 0.05	0.04%	\$ 2.0885	60	\$ 125.31	\$ 4.88	4.05%
Rate Rider Tax Change (2015)	per kW -\$ 0.0099	60	\$ 0.59	\$ -	60	\$ -	\$ 0.59	-100.00%	\$ -	60	\$ -	\$ -	
LRAM VA (2016)	per kW \$ -	60	\$ -	\$ 0.0846	60	\$ 5.08	\$ 5.08	100.00%	\$ -	60	\$ -	\$ 5.08	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kW \$ -	60	\$ -	\$ 0.0380	60	\$ 2.28	\$ 2.28	100.00%	\$ -	60	\$ -	\$ 2.28	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 399.87			\$ 434.41	\$ 34.53	8.64%			\$ 440.98	\$ 6.57	1.51%
Deferral/Variance Account Disposition Rate Rider (2016)	per kW \$ -	60	\$ -	\$ 0.7402	60	\$ 44.41	\$ 44.41	100.00%	\$ -	60	\$ -	\$ 44.41	-100.00%
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	per kW \$ -	60	\$ -	\$ 1.1043	60	\$ 66.26	\$ 66.26	100.00%	\$ -	60	\$ -	\$ 66.26	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kW \$ -	60	\$ -	\$ 0.2245	60	\$ 13.47	\$ 13.47	100.00%	\$ 0.2245	60	\$ 13.47	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	per kW \$ 5.7342		\$ -	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	per kW \$ -	60	\$ -	\$ 4.9999		\$ -	\$ -		\$ -	60	\$ -	\$ -	
Low Voltage Service Charge	per kW \$ 0.2520	60	\$ 15.12	\$ 0.4669	60	\$ 28.01	\$ 12.89	85.28%	\$ 0.4669	60	\$ 28.01	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	1,376	\$ 130.72	\$ 0.0950	1572	\$ 149.34	\$ 18.62	14.24%	\$ 0.0950	1572	\$ 149.34	\$ -	0.00%
Smart Meter Enticement Charge	per kWh \$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 545.71			\$ 576.45	\$ 30.73	5.63%			\$ 604.86	\$ 28.42	4.93%
RTSR - Network	per kW \$ 2.6313	60	\$ 157.88	\$ 2.7797	60	\$ 166.78	\$ 8.90	5.64%	\$ 2.7797	60	\$ 166.78	\$ -	0.00%
RTSR - Line and Transformation Connection	per kW \$ 2.0128	60	\$ 120.77	\$ 2.2225	60	\$ 133.35	\$ 12.58	10.42%	\$ 2.2225	60	\$ 133.35	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 824.36			\$ 876.58	\$ 52.22	6.33%			\$ 905.00	\$ 28.42	3.24%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	41376	\$ 182.05	\$ 0.0044	41572	\$ 182.92	\$ 0.86	0.47%	\$ 0.0044	41572	\$ 182.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	41376	\$ 53.79	\$ 0.0013	41572	\$ 54.04	\$ 0.25	0.47%	\$ 0.0013	41572	\$ 54.04	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	40000	\$ 280.00	\$ 0.0070	40000	\$ 280.00	\$ -	0.00%	\$ 0.0070	40000	\$ 280.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	25600	\$ 1,971.20	\$ 0.0770	25600	\$ 1,971.20	\$ -	0.00%	\$ 0.0770	25600	\$ 1,971.20	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	7200	\$ 820.80	\$ 0.1140	7200	\$ 820.80	\$ -	0.00%	\$ 0.1140	7200	\$ 820.80	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	7200	\$ 1,008.00	\$ 0.1400	7200	\$ 1,008.00	\$ -	0.00%	\$ 0.1400	7200	\$ 1,008.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	39400	\$ 4,058.20	\$ 0.1030	39400	\$ 4,058.20	\$ -	0.00%	\$ 0.1030	39400	\$ 4,058.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 5,140.45			\$ 5,193.79	\$ 53.34	1.04%			\$ 5,222.21	\$ 28.42	0.55%
HST	13%		\$ 668.26	13%		\$ 675.19	\$ 6.93	1.04%	13%		\$ 678.89	\$ 3.69	0.55%
<b>Total Bill (including HST)</b>			\$ 5,808.71			\$ 5,868.98	\$ 60.27	1.04%			\$ 5,901.09	\$ 32.11	0.55%
<i>Ontario Clean Energy Benefit</i>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 5,808.71			\$ 5,868.98	\$ 60.27	1.04%			\$ 5,901.09	\$ 32.11	0.55%
<b>Total Bill on RPP (before Taxes)</b>			\$ 5,398.65			\$ 5,451.99	\$ 53.34	0.99%			\$ 5,480.41	\$ 28.42	0.52%
HST	13%		\$ 701.82	13%		\$ 708.76	\$ 6.93	0.99%	13%		\$ 712.45	\$ 3.69	0.52%
<b>Total Bill (including HST)</b>			\$ 6,100.48			\$ 6,160.75	\$ 60.27	0.99%			\$ 6,192.86	\$ 32.11	0.52%
<i>Ontario Clean Energy Benefit</i>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 6,100.48			\$ 6,160.75	\$ 60.27	0.99%			\$ 6,192.86	\$ 32.11	0.52%

Loss Factor (%) **3.44%**

**3.93%**

**3.93%**

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 280.09	1	\$ 280.09	\$ 306.62	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.67	1	\$ 315.67	\$ 9.05
Distribution Volumetric Rate	per kW \$ 2.0063	60	\$ 120.38	\$ 2.0072	60	\$ 120.43	\$ 0.05	0.04%	\$ 2.0885	60	\$ 125.31	\$ 4.88	4.05%
<b>"Regular" Distribution Only</b>			\$ 400.47			\$ 427.05	\$ 26.58	6.64%			\$ 440.98	\$ 13.93	3.26%

Customer Class:

General Service 50 to 4,999 kW

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.3500	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2.1714	60	\$ 130.28	\$ 4.97	3.97%	\$ 2.2557	60	\$ 135.34	\$ 5.06	3.88%	\$ 2.3230	60	\$ 139.38	\$ 4.04	2.98%
Rate Rider Tax Change (2015)	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
LRAM VA (2016)	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 453.63	\$ 12.65	2.87%			\$ 466.20	\$ 12.57	2.77%			\$ 475.18	\$ 8.98	1.93%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.2245	60	-\$ 13.47	\$ -	0.00%	-\$ 0.2245	60	-\$ 13.47	\$ -	0.00%	-\$ 0.2245	60	-\$ 13.47	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -		\$ -	60	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.4669	60	\$ 28.01	\$ -	0.00%	\$ 0.4669	60	\$ 28.01	\$ -	0.00%	\$ 0.4669	60	\$ 28.01	\$ -	0.00%
Line Losses on Cost of Power Smart Meter Entity Charge	\$ 0.0950	1572	\$ 149.34	\$ -	0.00%	\$ 0.0950	1572	\$ 149.34	\$ -	0.00%	\$ 0.0950	1572	\$ 149.34	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 617.52	\$ 12.65	2.09%			\$ 630.09	\$ 12.57	2.04%			\$ 639.06	\$ 8.98	1.42%
RTSR - Network	\$ 2.7797	60	\$ 166.78	\$ -	0.00%	\$ 2.7797	60	\$ 166.78	\$ -	0.00%	\$ 2.7797	60	\$ 166.78	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.2225	60	\$ 133.35	\$ -	0.00%	\$ 2.2225	60	\$ 133.35	\$ -	0.00%	\$ 2.2225	60	\$ 133.35	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 917.65	\$ 12.65	1.40%			\$ 930.22	\$ 12.57	1.37%			\$ 939.20	\$ 8.98	0.97%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	41572	\$ 182.92	\$ -	0.00%	\$ 0.0044	41572	\$ 182.92	\$ -	0.00%	\$ 0.0044	41572	\$ 182.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	41572	\$ 54.04	\$ -	0.00%	\$ 0.0013	41572	\$ 54.04	\$ -	0.00%	\$ 0.0013	41572	\$ 54.04	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	40000	\$ 280.00	\$ -	0.00%	\$ 0.0070	40000	\$ 280.00	\$ -	0.00%	\$ 0.0070	40000	\$ 280.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	25600	\$ 1,971.20	\$ -	0.00%	\$ 0.0770	25600	\$ 1,971.20	\$ -	0.00%	\$ 0.0770	25600	\$ 1,971.20	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	7200	\$ 820.80	\$ -	0.00%	\$ 0.1140	7200	\$ 820.80	\$ -	0.00%	\$ 0.1140	7200	\$ 820.80	\$ -	0.00%
TOU - On Peak	\$ 0.1400	7200	\$ 1,008.00	\$ -	0.00%	\$ 0.1400	7200	\$ 1,008.00	\$ -	0.00%	\$ 0.1400	7200	\$ 1,008.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	39400	\$ 4,058.20	\$ -	0.00%	\$ 0.1030	39400	\$ 4,058.20	\$ -	0.00%	\$ 0.1030	39400	\$ 4,058.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 5,234.86	\$ 12.65	0.24%			\$ 5,247.43	\$ 12.57	0.24%			\$ 5,256.41	\$ 8.98	0.17%
HST	13%		\$ 680.53	\$ 1.65	0.24%	13%		\$ 682.17	\$ 1.63	0.24%	13%		\$ 683.33	\$ 1.17	0.17%
<b>Total Bill (including HST)</b>			\$ 5,915.39	\$ 14.30	0.24%			\$ 5,929.59	\$ 14.20	0.24%			\$ 5,939.74	\$ 10.15	0.17%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 5,915.39	\$ 14.30	0.24%			\$ 5,929.59	\$ 14.20	0.24%			\$ 5,939.74	\$ 10.15	0.17%
<b>Total Bill on RPP (before Taxes)</b>			\$ 5,493.06	\$ 12.65	0.23%			\$ 5,505.63	\$ 12.57	0.23%			\$ 5,514.61	\$ 8.98	0.16%
HST	13%		\$ 714.10	\$ 1.65	0.23%	13%		\$ 715.73	\$ 1.63	0.23%	13%		\$ 716.90	\$ 1.17	0.16%
<b>Total Bill (including HST)</b>			\$ 6,207.16	\$ 14.30	0.23%			\$ 6,221.36	\$ 14.20	0.23%			\$ 6,231.51	\$ 10.15	0.16%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 6,207.16	\$ 14.30	0.23%			\$ 6,221.36	\$ 14.20	0.23%			\$ 6,231.51	\$ 10.15	0.16%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.35	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Distribution Volumetric Rate	\$ 2.1714	60	\$ 130.28	\$ 4.97	3.97%	\$ 2.2557	60	\$ 135.34	\$ 5.06	3.88%	\$ 2.3230	60	\$ 139.38	\$ 4.04	2.98%
<b>"Regular" Distribution Only</b>			\$ 453.63	\$ 12.65	2.87%			\$ 466.20	\$ 12.57	2.77%			\$ 475.18	\$ 8.98	1.93%



Appendix 2-W  
Bill Impacts

Customer Class: **General Service 50 to 4,999 kW**

General Service 50 to 4,999 kW

TOU / non-TOU: **TOU**

Consumption Load: **70,000 kWh**  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 280.0900	1	\$ 280.09	\$ 306.6200	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.6700	1	\$ 315.67	\$ 9.05	2.95%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2.0063	100	\$ 200.63	\$ 2.0072	100	\$ 200.72	\$ 0.09	0.04%	\$ 2.0885	100	\$ 208.85	\$ 8.13	4.05%
Rate Rider Tax Change (2015)	\$ -0.0099	100	\$ -0.99	\$ -	100	\$ -	\$ 0.99	-100.00%	\$ -	100	\$ -	\$ -	
LRAM VA (2016)	\$ -	100	\$ -	\$ 0.0846	100	\$ 8.46	\$ 8.46	100.00%	\$ -	100	\$ -	\$ -8.46	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	100	\$ -	\$ 0.0380	100	\$ 3.80	\$ 3.80	100.00%	\$ -	100	\$ -	\$ -3.80	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 479.73			\$ 519.60	\$ 39.87	8.31%			\$ 524.52	\$ 4.92	0.95%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	100	\$ -	\$ 0.7402	100	\$ 74.02	\$ 74.02	100.00%	\$ -	100	\$ -	\$ -74.02	-100.00%
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	\$ -	100	\$ -	\$ -1.1043	100	\$ -110.43	\$ -110.43	100.00%	\$ -	100	\$ -	\$ 110.43	-100.00%
Rate Rider CGAAP Account 1576 (2016)	\$ -	100	\$ -	\$ -0.2245	100	\$ -22.45	\$ -22.45	100.00%	\$ -0.2245	100	\$ -22.45	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ 5.7342		\$ -	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	100	\$ -	\$ 4.9999		\$ -	\$ -		\$ -	100	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.2520	100	\$ 25.20	\$ 0.4669	100	\$ 46.69	\$ 21.49	85.28%	\$ 0.4669	100	\$ 46.69	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	2,408	\$ 228.76	\$ 0.0950	2,751	\$ 261.34	\$ 32.58	14.24%	\$ 0.0950	2,751	\$ 261.34	\$ -	0.00%
Smart Meter Enticement Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 733.69			\$ 768.77	\$ 35.08	4.78%			\$ 810.10	\$ 41.33	5.38%
RTSR - Network	\$ 2.6313	100	\$ 263.13	\$ 2.7797	100	\$ 277.97	\$ 14.84	5.64%	\$ 2.7797	100	\$ 277.97	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.0128	100	\$ 201.28	\$ 2.2225	100	\$ 222.25	\$ 20.97	10.42%	\$ 2.2225	100	\$ 222.25	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1,198.10			\$ 1,269.00	\$ 70.89	5.92%			\$ 1,310.33	\$ 41.33	3.26%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	72408	\$ 318.60	\$ 0.0044	72751	\$ 320.10	\$ 1.51	0.47%	\$ 0.0044	72751	\$ 320.10	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	72408	\$ 94.13	\$ 0.0013	72751	\$ 94.58	\$ 0.45	0.47%	\$ 0.0013	72751	\$ 94.58	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	70000	\$ 490.00	\$ 0.0070	70000	\$ 490.00	\$ -	0.00%	\$ 0.0070	70000	\$ 490.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	44800	\$ 3,449.60	\$ 0.0770	44800	\$ 3,449.60	\$ -	0.00%	\$ 0.0770	44800	\$ 3,449.60	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	12600	\$ 1,436.40	\$ 0.1140	12600	\$ 1,436.40	\$ -	0.00%	\$ 0.1140	12600	\$ 1,436.40	\$ -	0.00%
TOU - On Peak	\$ 0.1400	12600	\$ 1,764.00	\$ 0.1400	12600	\$ 1,764.00	\$ -	0.00%	\$ 0.1400	12600	\$ 1,764.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	69400	\$ 7,148.20	\$ 0.1030	69400	\$ 7,148.20	\$ -	0.00%	\$ 0.1030	69400	\$ 7,148.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 8,751.08			\$ 8,823.93	\$ 72.85	0.83%			\$ 8,865.26	\$ 41.33	0.47%
HST		13%	\$ 1,137.64		13%	\$ 1,147.11	\$ 9.47	0.83%	13%		\$ 1,152.48	\$ 5.37	0.47%
<b>Total Bill (including HST)</b>			\$ 9,888.72			\$ 9,971.04	\$ 82.32	0.83%			\$ 10,017.74	\$ 46.70	0.47%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 9,888.72			\$ 9,971.04	\$ 82.32	0.83%			\$ 10,017.74	\$ 46.70	0.47%
<b>Total Bill on RPP (before Taxes)</b>			\$ 9,248.28			\$ 9,322.13	\$ 73.85	0.79%			\$ 9,363.46	\$ 41.33	0.44%
HST		13%	\$ 1,202.41		13%	\$ 1,211.88	\$ 9.47	0.79%	13%		\$ 1,217.25	\$ 5.37	0.44%
<b>Total Bill (including HST)</b>			\$ 10,451.68			\$ 10,534.00	\$ 82.32	0.79%			\$ 10,580.70	\$ 46.70	0.44%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 10,451.68			\$ 10,534.00	\$ 82.32	0.79%			\$ 10,580.70	\$ 46.70	0.44%

Loss Factor (%) **3.44%**

**3.93%**

**3.93%**

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 280.09	1	\$ 280.09	\$ 306.62	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.67	1	\$ 315.67	\$ 9.05	2.95%
Distribution Volumetric Rate	\$ 2.0063	100	\$ 200.63	\$ 2.0072	100	\$ 200.72	\$ 0.09	0.04%	\$ 2.0885	100	\$ 208.85	\$ 8.13	4.05%
<b>"Regular" Distribution Only</b>			\$ 480.72			\$ 507.34	\$ 26.62	5.54%			\$ 524.52	\$ 17.18	3.39%

Customer Class:

General Service 50 to 4,999 kW

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.3500	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2.1714	100	\$ 217.14	\$ 8.29	3.97%	\$ 2.2557	100	\$ 225.57	\$ 8.43	3.88%	\$ 2.3230	100	\$ 232.30	\$ 6.73	2.98%
Rate Rider Tax Change (2015)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
LRAM VA (2016)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 540.49	\$ 15.97	3.04%			\$ 556.43	\$ 15.94	2.95%			\$ 568.10	\$ 11.67	2.10%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	\$ 0.2245	100	\$ 22.45	\$ -	0.00%	\$ 0.2245	100	\$ 22.45	\$ -	0.00%	\$ 0.2245	100	\$ 22.45	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -		\$ -	100	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.4669	100	\$ 46.69	\$ -	0.00%	\$ 0.4669	100	\$ 46.69	\$ -	0.00%	\$ 0.4669	100	\$ 46.69	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	2751	\$ 261.34	\$ -	0.00%	\$ 0.0950	2751	\$ 261.34	\$ -	0.00%	\$ 0.0950	2751	\$ 261.34	\$ -	0.00%
Smart Meter Enticement Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 826.07	\$ 15.97	1.97%			\$ 842.01	\$ 15.94	1.93%			\$ 853.68	\$ 11.67	1.39%
RTSR - Network	\$ 2.7797	100	\$ 277.97	\$ -	0.00%	\$ 2.7797	100	\$ 277.97	\$ -	0.00%	\$ 2.7797	100	\$ 277.97	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.2225	100	\$ 222.25	\$ -	0.00%	\$ 2.2225	100	\$ 222.25	\$ -	0.00%	\$ 2.2225	100	\$ 222.25	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 1,326.30	\$ 15.97	1.22%			\$ 1,342.24	\$ 15.94	1.20%			\$ 1,353.91	\$ 11.67	0.87%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	72751	\$ 320.10	\$ -	0.00%	\$ 0.0044	72751	\$ 320.10	\$ -	0.00%	\$ 0.0044	72751	\$ 320.10	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	72751	\$ 94.58	\$ -	0.00%	\$ 0.0013	72751	\$ 94.58	\$ -	0.00%	\$ 0.0013	72751	\$ 94.58	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	70000	\$ 490.00	\$ -	0.00%	\$ 0.0070	70000	\$ 490.00	\$ -	0.00%	\$ 0.0070	70000	\$ 490.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	44800	\$ 3,449.60	\$ -	0.00%	\$ 0.0770	44800	\$ 3,449.60	\$ -	0.00%	\$ 0.0770	44800	\$ 3,449.60	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	12600	\$ 1,436.40	\$ -	0.00%	\$ 0.1140	12600	\$ 1,436.40	\$ -	0.00%	\$ 0.1140	12600	\$ 1,436.40	\$ -	0.00%
TOU - On Peak	\$ 0.1400	12600	\$ 1,764.00	\$ -	0.00%	\$ 0.1400	12600	\$ 1,764.00	\$ -	0.00%	\$ 0.1400	12600	\$ 1,764.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	69400	\$ 7,148.20	\$ -	0.00%	\$ 0.1030	69400	\$ 7,148.20	\$ -	0.00%	\$ 0.1030	69400	\$ 7,148.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 8,881.23	\$ 15.97	0.18%			\$ 8,897.17	\$ 15.94	0.18%			\$ 8,908.84	\$ 11.67	0.13%
HST	13%		\$ 1,154.56	\$ 2.08	0.18%	13%		\$ 1,156.63	\$ 2.07	0.18%	13%		\$ 1,158.15	\$ 1.52	0.13%
<b>Total Bill (including HST)</b>			\$ 10,035.79	\$ 18.05	0.18%			\$ 10,053.80	\$ 18.01	0.18%			\$ 10,066.98	\$ 13.19	0.13%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 10,035.79	\$ 18.05	0.18%			\$ 10,053.80	\$ 18.01	0.18%			\$ 10,066.98	\$ 13.19	0.13%
<b>Total Bill on RPP (before Taxes)</b>			\$ 9,379.43	\$ 15.97	0.17%			\$ 9,395.37	\$ 15.94	0.17%			\$ 9,407.04	\$ 11.67	0.12%
HST	13%		\$ 1,219.33	\$ 2.08	0.17%	13%		\$ 1,221.40	\$ 2.07	0.17%	13%		\$ 1,222.91	\$ 1.52	0.12%
<b>Total Bill (including HST)</b>			\$ 10,598.75	\$ 18.05	0.17%			\$ 10,616.76	\$ 18.01	0.17%			\$ 10,629.95	\$ 13.19	0.12%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 10,598.75	\$ 18.05	0.17%			\$ 10,616.76	\$ 18.01	0.17%			\$ 10,629.95	\$ 13.19	0.12%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.35	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Distribution Volumetric Rate	\$ 2.1714	100	\$ 217.14	\$ 8.29	3.97%	\$ 2.2557	100	\$ 225.57	\$ 8.43	3.88%	\$ 2.3230	100	\$ 232.30	\$ 6.73	2.98%
<b>"Regular" Distribution Only</b>			\$ 540.49	\$ 15.97	3.04%			\$ 556.43	\$ 15.94	2.95%			\$ 568.10	\$ 11.67	2.10%

Appendix 2-W  
Bill Impacts

Customer Class: **General Service 50 to 4,999 kW**

General Service 50 to 4,999 kW

TOU / non-TOU: **TOU**

Consumption Load  350,000 kWh  500 kW  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 280.0900	1	\$ 280.09	\$ 306.6200	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.6700	1	\$ 315.67	\$ 9.05
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	per kW \$ 2.0063	500	\$ 1,003.15	\$ 2.0072	500	\$ 1,003.60	\$ 0.45	0.04%	\$ 2.0885	500	\$ 1,044.25	\$ 40.65	4.05%
Rate Rider Tax Change (2015)	per kW -\$ 0.0099	500	\$ -4.95	\$ -	500	\$ -	\$ 4.95	-100.00%	\$ -	500	\$ -	\$ -	
LRAM VA (2016)	per kW \$ -	500	\$ -	\$ 0.0846	500	\$ 42.30	\$ 42.30	100.00%	\$ -	500	\$ -	\$ -42.30	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kW \$ -	500	\$ -	\$ 0.0380	500	\$ 19.00	\$ 19.00	100.00%	\$ -	500	\$ -	\$ -19.00	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 1,278.29			\$ 1,371.52	\$ 93.23	7.29%			\$ 1,359.92	\$ -11.60	-0.85%
Deferral/Variance Account Disposition Rate Rider (2016)	per kW \$ -	500	\$ -	\$ 0.7402	500	\$ 370.10	\$ 370.10	100.00%	\$ -	500	\$ -	\$ -370.10	-100.00%
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	per kW \$ -	500	\$ -	\$ -1.1043	500	\$ -552.15	\$ -552.15	100.00%	\$ -	500	\$ -	\$ 552.15	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kW \$ -	500	\$ -	\$ -0.2245	500	\$ -112.25	\$ -112.25	100.00%	\$ -0.2245	500	\$ -112.25	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	per kW \$ 5.7342		\$ -	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	per kW \$ -	500	\$ -	\$ 4.9999		\$ -	\$ -		\$ -	500	\$ -	\$ -	
Low Voltage Service Charge	per kW \$ 0.2520	500	\$ 126.00	\$ 0.4669	500	\$ 233.45	\$ 107.45	85.28%	\$ 0.4669	500	\$ 233.45	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	12,040	\$ 1,143.80	\$ 0.0950	13,755	\$ 1,306.72	\$ 162.92	14.24%	\$ 0.0950	13,755	\$ 1,306.72	\$ -	0.00%
Smart Meter Enticement Charge	per kWh \$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 2,548.09			\$ 2,617.39	\$ 69.30	2.72%			\$ 2,787.84	\$ 170.45	6.51%
RTSR - Network	per kW \$ 2.6313	500	\$ 1,315.65	\$ 2.7797	500	\$ 1,389.85	\$ 74.20	5.64%	\$ 2.7797	500	\$ 1,389.85	\$ -	0.00%
RTSR - Line and Transformation Connection	per kW \$ 2.0128	500	\$ 1,006.40	\$ 2.2225	500	\$ 1,111.25	\$ 104.85	10.42%	\$ 2.2225	500	\$ 1,111.25	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 4,870.14			\$ 5,118.49	\$ 248.35	5.10%			\$ 5,288.95	\$ 170.45	3.33%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	362040	\$ 1,592.98	\$ 0.0044	363755	\$ 1,600.52	\$ 7.55	0.47%	\$ 0.0044	363755	\$ 1,600.52	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	362040	\$ 470.65	\$ 0.0013	363755	\$ 472.88	\$ 2.23	0.47%	\$ 0.0013	363755	\$ 472.88	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	350000	\$ 2,450.00	\$ 0.0070	350000	\$ 2,450.00	\$ -	0.00%	\$ 0.0070	350000	\$ 2,450.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	224000	\$ 17,248.00	\$ 0.0770	224000	\$ 17,248.00	\$ -	0.00%	\$ 0.0770	224000	\$ 17,248.00	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	63000	\$ 7,182.00	\$ 0.1140	63000	\$ 7,182.00	\$ -	0.00%	\$ 0.1140	63000	\$ 7,182.00	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	63000	\$ 8,820.00	\$ 0.1400	63000	\$ 8,820.00	\$ -	0.00%	\$ 0.1400	63000	\$ 8,820.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	349400	\$ 35,988.20	\$ 0.1030	349400	\$ 35,988.20	\$ -	0.00%	\$ 0.1030	349400	\$ 35,988.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 42,634.02			\$ 42,892.15	\$ 258.13	0.61%			\$ 43,062.60	\$ 170.45	0.40%
HST	13%		\$ 5,542.42	13%		\$ 5,575.98	\$ 33.56	0.61%	13%		\$ 5,598.14	\$ 22.16	0.40%
<b>Total Bill (including HST)</b>			\$ 48,176.44			\$ 48,468.13	\$ 291.69	0.61%			\$ 48,660.74	\$ 192.61	0.40%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 48,176.44			\$ 48,468.13	\$ 291.69	0.61%			\$ 48,660.74	\$ 192.61	0.40%
<b>Total Bill on RPP (before Taxes)</b>			\$ 45,372.22			\$ 45,630.35	\$ 258.13	0.57%			\$ 45,800.80	\$ 170.45	0.37%
HST	13%		\$ 5,898.39	13%		\$ 5,931.95	\$ 33.56	0.57%	13%		\$ 5,954.10	\$ 22.16	0.37%
<b>Total Bill (including HST)</b>			\$ 51,270.61			\$ 51,562.29	\$ 291.69	0.57%			\$ 51,754.90	\$ 192.61	0.37%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 51,270.61			\$ 51,562.29	\$ 291.69	0.57%			\$ 51,754.90	\$ 192.61	0.37%

Loss Factor (%) **3.44%**

**3.93%**

**3.93%**

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 280.09	1	\$ 280.09	\$ 306.62	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.67	1	\$ 315.67	\$ 9.05
Distribution Volumetric Rate	per kW \$ 2.0063	500	\$ 1,003.15	\$ 2.0072	500	\$ 1,003.60	\$ 0.45	0.04%	\$ 2.0885	500	\$ 1,044.25	\$ 40.65	4.05%
<b>"Regular" Distribution Only</b>			\$ 1,283.24			\$ 1,310.22	\$ 26.98	2.10%			\$ 1,359.92	\$ 49.70	3.79%

Customer Class:

General Service 50 to 4,999 kW

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.3500	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2.1714	500	\$ 1,085.70	\$ 41.45	3.97%	\$ 2.2557	500	\$ 1,127.85	\$ 42.15	3.88%	\$ 2.3230	500	\$ 1,161.50	\$ 33.65	2.98%
Rate Rider Tax Change (2015)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
LRAM VA (2016)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 1,409.05	\$ 49.13	3.61%			\$ 1,458.71	\$ 49.66	3.52%			\$ 1,497.30	\$ 38.59	2.65%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.2245	500	-\$ 112.25	\$ -	0.00%	-\$ 0.2245	500	-\$ 112.25	\$ -	0.00%	-\$ 0.2245	500	-\$ 112.25	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -		\$ -	500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.4669	500	\$ 233.45	\$ -	0.00%	\$ 0.4669	500	\$ 233.45	\$ -	0.00%	\$ 0.4669	500	\$ 233.45	\$ -	0.00%
Line Losses on Cost of Power Smart Meter Enticement Charge	\$ 0.0950	13755	\$ 1,306.72	\$ -	0.00%	\$ 0.0950	13755	\$ 1,306.72	\$ -	0.00%	\$ 0.0950	13755	\$ 1,306.72	\$ -	0.00%
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 2,836.97	\$ 49.13	1.76%			\$ 2,886.63	\$ 49.66	1.75%			\$ 2,925.22	\$ 38.59	1.34%
RTSR - Network	\$ 2.7797	500	\$ 1,389.85	\$ -	0.00%	\$ 2.7797	500	\$ 1,389.85	\$ -	0.00%	\$ 2.7797	500	\$ 1,389.85	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.2225	500	\$ 1,111.25	\$ -	0.00%	\$ 2.2225	500	\$ 1,111.25	\$ -	0.00%	\$ 2.2225	500	\$ 1,111.25	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 5,338.08	\$ 49.13	0.93%			\$ 5,387.74	\$ 49.66	0.93%			\$ 5,426.32	\$ 38.59	0.72%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	363755	\$ 1,600.52	\$ -	0.00%	\$ 0.0044	363755	\$ 1,600.52	\$ -	0.00%	\$ 0.0044	363755	\$ 1,600.52	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	363755	\$ 472.88	\$ -	0.00%	\$ 0.0013	363755	\$ 472.88	\$ -	0.00%	\$ 0.0013	363755	\$ 472.88	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	350000	\$ 2,450.00	\$ -	0.00%	\$ 0.0070	350000	\$ 2,450.00	\$ -	0.00%	\$ 0.0070	350000	\$ 2,450.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	224000	\$ 17,248.00	\$ -	0.00%	\$ 0.0770	224000	\$ 17,248.00	\$ -	0.00%	\$ 0.0770	224000	\$ 17,248.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	63000	\$ 7,182.00	\$ -	0.00%	\$ 0.1140	63000	\$ 7,182.00	\$ -	0.00%	\$ 0.1140	63000	\$ 7,182.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	63000	\$ 8,820.00	\$ -	0.00%	\$ 0.1400	63000	\$ 8,820.00	\$ -	0.00%	\$ 0.1400	63000	\$ 8,820.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	349400	\$ 35,988.20	\$ -	0.00%	\$ 0.1030	349400	\$ 35,988.20	\$ -	0.00%	\$ 0.1030	349400	\$ 35,988.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 43,111.73	\$ 49.13	0.11%			\$ 43,161.39	\$ 49.66	0.12%			\$ 43,199.98	\$ 38.59	0.09%
HST	13%		\$ 5,604.52	\$ 6.39	0.11%	13%		\$ 5,610.98	\$ 6.46	0.12%	13%		\$ 5,616.00	\$ 5.02	0.09%
<b>Total Bill (including HST)</b>			\$ 48,716.25	\$ 55.52	0.11%			\$ 48,772.37	\$ 56.12	0.12%			\$ 48,815.98	\$ 43.61	0.09%
<i>Ontario Clean Energy Benefit</i>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 48,716.25	\$ 55.52	0.11%			\$ 48,772.37	\$ 56.12	0.12%			\$ 48,815.98	\$ 43.61	0.09%
<b>Total Bill on RPP (before Taxes)</b>			\$ 45,849.93	\$ 49.13	0.11%			\$ 45,899.59	\$ 49.66	0.11%			\$ 45,938.18	\$ 38.59	0.08%
HST	13%		\$ 5,960.49	\$ 6.39	0.11%	13%		\$ 5,966.95	\$ 6.46	0.11%	13%		\$ 5,971.96	\$ 5.02	0.08%
<b>Total Bill (including HST)</b>			\$ 51,810.42	\$ 55.52	0.11%			\$ 51,866.54	\$ 56.12	0.11%			\$ 51,910.14	\$ 43.61	0.08%
<i>Ontario Clean Energy Benefit</i>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 51,810.42	\$ 55.52	0.11%			\$ 51,866.54	\$ 56.12	0.11%			\$ 51,910.14	\$ 43.61	0.08%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.35	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Distribution Volumetric Rate	\$ 2.1714	500	\$ 1,085.70	\$ 41.45	3.97%	\$ 2.2557	500	\$ 1,127.85	\$ 42.15	3.88%	\$ 2.3230	500	\$ 1,161.50	\$ 33.65	2.98%
<b>"Regular" Distribution Only</b>			\$ 1,409.05	\$ 49.13	3.61%			\$ 1,458.71	\$ 49.66	3.52%			\$ 1,497.30	\$ 38.59	2.65%

Appendix 2-W  
Bill Impacts

Customer Class: **General Service 50 to 4,999 kW**

General Service 50 to 4,999 kW

TOU / non-TOU: **TOU**

Consumption Load  800,000 kWh  1,000 kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 280.0900	1	\$ 280.09	\$ 306.6200	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.6700	1	\$ 315.67	\$ 9.05
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	per kW \$ 2.0063	1,000	\$ 2,006.30	\$ 2.0072	1,000	\$ 2,007.20	\$ 0.90	0.04%	\$ 2.0885	1,000	\$ 2,088.50	\$ 81.30	4.05%
Rate Rider Tax Change (2015)	per kW -\$ 0.0099	1,000	\$ 9.90	\$ -	1,000	\$ -	\$ 9.90	-100.00%	\$ -	1,000	\$ -	\$ -	
LRAM VA (2016)	per kW \$ -	1,000	\$ -	\$ 0.0846	1,000	\$ 84.60	\$ 84.60	100.00%	\$ -	1,000	\$ -	\$ 84.60	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kW \$ -	1,000	\$ -	\$ 0.0380	1,000	\$ 38.00	\$ 38.00	100.00%	\$ -	1,000	\$ -	\$ 38.00	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 2,276.49			\$ 2,436.42	\$ 159.93	7.03%			\$ 2,404.17	\$ 32.25	-1.32%
Deferral/Variance Account Disposition Rate Rider (2016)	per kW \$ -	1,000	\$ -	\$ 0.7402	1,000	\$ 740.20	\$ 740.20	100.00%	\$ -	1,000	\$ -	\$ 740.20	-100.00%
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	per kW \$ -	1,000	\$ -	\$ -1.1043	1,000	\$ -1,104.30	\$ -1,104.30	100.00%	\$ -	1,000	\$ -	\$ 1,104.30	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kW \$ -	1,000	\$ -	\$ -0.2245	1,000	\$ -224.50	\$ -224.50	100.00%	\$ -0.2245	1,000	\$ -224.50	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	per kW \$ 5.7342		\$ -	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	per kW \$ -	1,000	\$ -	\$ 4.9999		\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Low Voltage Service Charge	per kW \$ 0.2520	1,000	\$ 252.00	\$ 0.4669	1,000	\$ 466.90	\$ 214.90	85.28%	\$ 0.4669	1,000	\$ 466.90	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	27,520	\$ 2,614.40	\$ 0.0950	31,440	\$ 2,986.80	\$ 372.40	14.24%	\$ 0.0950	31,440	\$ 2,986.80	\$ -	0.00%
Smart Meter Entity Charge	per kWh \$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 5,142.89			\$ 5,301.52	\$ 158.63	3.08%			\$ 5,633.37	\$ 331.85	6.26%
RTSR - Network	per kW \$ 2.6313	1000	\$ 2,631.30	\$ 2.7797	1000	\$ 2,779.70	\$ 148.40	5.64%	\$ 2.7797	1000	\$ 2,779.70	\$ -	0.00%
RTSR - Line and Transformation Connection	per kW \$ 2.0128	1000	\$ 2,012.80	\$ 2.2225	1000	\$ 2,222.50	\$ 209.70	10.42%	\$ 2.2225	1000	\$ 2,222.50	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 9,786.99			\$ 10,303.72	\$ 516.73	5.28%			\$ 10,635.57	\$ 331.85	3.22%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	827520	\$ 3,641.09	\$ 0.0044	831440	\$ 3,658.34	\$ 17.25	0.47%	\$ 0.0044	831440	\$ 3,658.34	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	827520	\$ 1,075.78	\$ 0.0013	831440	\$ 1,080.87	\$ 5.10	0.47%	\$ 0.0013	831440	\$ 1,080.87	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	800000	\$ 5,600.00	\$ 0.0070	800000	\$ 5,600.00	\$ -	0.00%	\$ 0.0070	800000	\$ 5,600.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	512000	\$ 39,424.00	\$ 0.0770	512000	\$ 39,424.00	\$ -	0.00%	\$ 0.0770	512000	\$ 39,424.00	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	144000	\$ 16,416.00	\$ 0.1140	144000	\$ 16,416.00	\$ -	0.00%	\$ 0.1140	144000	\$ 16,416.00	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	144000	\$ 20,160.00	\$ 0.1400	144000	\$ 20,160.00	\$ -	0.00%	\$ 0.1400	144000	\$ 20,160.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	799400	\$ 82,338.20	\$ 0.1030	799400	\$ 82,338.20	\$ -	0.00%	\$ 0.1030	799400	\$ 82,338.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 96,104.10			\$ 96,643.18	\$ 539.07	0.56%			\$ 96,975.03	\$ 331.85	0.34%
HST		13%	\$ 12,493.53		13%	\$ 12,563.81	\$ 70.08	0.56%		13%	\$ 12,606.75	\$ 43.14	0.34%
<b>Total Bill (including HST)</b>			\$ 108,597.64			\$ 109,206.99	\$ 609.15	0.56%			\$ 109,581.78	\$ 374.99	0.34%
Ontario Clean Energy Benefit			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 108,597.64			\$ 109,206.99	\$ 609.15	0.56%			\$ 109,581.78	\$ 374.99	0.34%
<b>Total Bill on RPP (before Taxes)</b>			\$ 102,442.30			\$ 102,981.38	\$ 539.07	0.53%			\$ 103,313.23	\$ 331.85	0.32%
HST		13%	\$ 13,317.50		13%	\$ 13,387.58	\$ 70.08	0.53%		13%	\$ 13,430.72	\$ 43.14	0.32%
<b>Total Bill (including HST)</b>			\$ 115,759.80			\$ 116,368.96	\$ 609.15	0.53%			\$ 116,743.95	\$ 374.99	0.32%
Ontario Clean Energy Benefit			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 115,759.80			\$ 116,368.96	\$ 609.15	0.53%			\$ 116,743.95	\$ 374.99	0.32%

Loss Factor (%) **3.44%**

**3.93%**

**3.93%**

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 280.09	1	\$ 280.09	\$ 306.62	1	\$ 306.62	\$ 26.53	9.47%	\$ 315.67	1	\$ 315.67	\$ 9.05
Distribution Volumetric Rate	per kW \$ 2.0063	1,000	\$ 2,006.30	\$ 2.0072	1,000	\$ 2,007.20	\$ 0.90	0.04%	\$ 2.0885	1,000	\$ 2,088.50	\$ 81.30	4.05%
<b>"Regular" Distribution Only</b>			\$ 2,286.39			\$ 2,313.82	\$ 27.43	1.20%			\$ 2,404.17	\$ 90.35	3.90%

Customer Class:

General Service 50 to 4,999 kW

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.3500	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 2,171.4	1,000	\$ 2,171.40	\$ 82.90	3.97%	\$ 2,255.7	1,000	\$ 2,255.70	\$ 84.30	3.88%	\$ 2,323.0	1,000	\$ 2,323.00	\$ 67.30	2.98%
Rate Rider Tax Change (2015)	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
LRAM VA (2016)	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 2,494.75	\$ 90.58	3.77%			\$ 2,586.56	\$ 91.81	3.68%			\$ 2,658.80	\$ 72.24	2.79%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Deferral/Variance Account Disposition Rate Rider (2016), excluding Wholesale Market Participants	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.2245	1,000	-\$ 224.50	\$ -	0.00%	-\$ 0.2245	1,000	-\$ 224.50	\$ -	0.00%	-\$ 0.2245	1,000	-\$ 224.50	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers, excluding Wholesale Market Participants	\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -		\$ -	1,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.4669	1,000	\$ 466.90	\$ -	0.00%	\$ 0.4669	1,000	\$ 466.90	\$ -	0.00%	\$ 0.4669	1,000	\$ 466.90	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	31440	\$ 2,986.80	\$ -	0.00%	\$ 0.0950	31440	\$ 2,986.80	\$ -	0.00%	\$ 0.0950	31440	\$ 2,986.80	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 5,723.95	\$ 90.58	1.61%			\$ 5,815.76	\$ 91.81	1.60%			\$ 5,888.00	\$ 72.24	1.24%
RTSR - Network	\$ 2.7797	1000	\$ 2,779.70	\$ -	0.00%	\$ 2.7797	1000	\$ 2,779.70	\$ -	0.00%	\$ 2.7797	1000	\$ 2,779.70	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.2225	1000	\$ 2,222.50	\$ -	0.00%	\$ 2.2225	1000	\$ 2,222.50	\$ -	0.00%	\$ 2.2225	1000	\$ 2,222.50	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 10,726.15	\$ 90.58	0.85%			\$ 10,817.96	\$ 91.81	0.86%			\$ 10,890.20	\$ 72.24	0.67%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	831440	\$ 3,658.34	\$ -	0.00%	\$ 0.0044	831440	\$ 3,658.34	\$ -	0.00%	\$ 0.0044	831440	\$ 3,658.34	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	831440	\$ 1,080.87	\$ -	0.00%	\$ 0.0013	831440	\$ 1,080.87	\$ -	0.00%	\$ 0.0013	831440	\$ 1,080.87	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	800000	\$ 5,600.00	\$ -	0.00%	\$ 0.0070	800000	\$ 5,600.00	\$ -	0.00%	\$ 0.0070	800000	\$ 5,600.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	512000	\$ 39,424.00	\$ -	0.00%	\$ 0.0770	512000	\$ 39,424.00	\$ -	0.00%	\$ 0.0770	512000	\$ 39,424.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	144000	\$ 16,416.00	\$ -	0.00%	\$ 0.1140	144000	\$ 16,416.00	\$ -	0.00%	\$ 0.1140	144000	\$ 16,416.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	144000	\$ 20,160.00	\$ -	0.00%	\$ 0.1400	144000	\$ 20,160.00	\$ -	0.00%	\$ 0.1400	144000	\$ 20,160.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	799400	\$ 82,338.20	\$ -	0.00%	\$ 0.1030	799400	\$ 82,338.20	\$ -	0.00%	\$ 0.1030	799400	\$ 82,338.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 97,065.61	\$ 90.58	0.09%			\$ 97,157.42	\$ 91.81	0.09%			\$ 97,229.66	\$ 72.24	0.07%
HST	13%		\$ 12,618.53	\$ 11.78	0.09%	13%		\$ 12,630.46	\$ 11.94	0.09%	13%		\$ 12,639.86	\$ 9.39	0.07%
<b>Total Bill (including HST)</b>			\$ 109,684.14	\$ 102.36	0.09%			\$ 109,787.88	\$ 103.75	0.09%			\$ 109,869.51	\$ 81.63	0.07%
<i>Ontario Clean Energy Benefit<sup>1</sup></i>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 109,684.14	\$ 102.36	0.09%			\$ 109,787.88	\$ 103.75	0.09%			\$ 109,869.51	\$ 81.63	0.07%
<b>Total Bill on RPP (before Taxes)</b>			\$ 103,403.81	\$ 90.58	0.09%			\$ 103,495.62	\$ 91.81	0.09%			\$ 103,567.86	\$ 72.24	0.07%
HST	13%		\$ 13,442.50	\$ 11.78	0.09%	13%		\$ 13,454.43	\$ 11.94	0.09%	13%		\$ 13,463.82	\$ 9.39	0.07%
<b>Total Bill (including HST)</b>			\$ 116,846.30	\$ 102.36	0.09%			\$ 116,950.05	\$ 103.75	0.09%			\$ 117,031.68	\$ 81.63	0.07%
<i>Ontario Clean Energy Benefit<sup>1</sup></i>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 116,846.30	\$ 102.36	0.09%			\$ 116,950.05	\$ 103.75	0.09%			\$ 117,031.68	\$ 81.63	0.07%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 323.35	1	\$ 323.35	\$ 7.68	2.43%	\$ 330.8600	1	\$ 330.86	\$ 7.51	2.32%	\$ 335.8000	1	\$ 335.80	\$ 4.94	1.49%
Distribution Volumetric Rate	\$ 2,171.4	1,000	\$ 2,171.40	\$ 82.90	3.97%	\$ 2,255.7	1,000	\$ 2,255.70	\$ 84.30	3.88%	\$ 2,323.0	1,000	\$ 2,323.00	\$ 67.30	2.98%
<b>"Regular" Distribution Only</b>			\$ 2,494.75	\$ 90.58	3.77%			\$ 2,586.56	\$ 91.81	3.68%			\$ 2,658.80	\$ 72.24	2.79%

Appendix 2-W  
Bill Impacts

Customer Class: **Large Use**

Large Use

TOU / non-TOU: **TOU**

Consumption 3,450,000 kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Load 5,500 kW

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,164.00	1	\$ 5,164.00	\$ 5,548.55	1	\$ 5,548.55	\$ 384.55	7.45%	\$ 5,699.70	1	\$ 5,699.70	\$ 151.15	2.72%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.0535	5,500	\$ 5,794.25	\$ 1.1501	5,500	\$ 6,325.55	\$ 531.30	9.17%	\$ 1.1937	5,500	\$ 6,565.35	\$ 239.80	3.79%
Rate Rider Tax Change (2015)	\$ 0.0045	5,500	\$ 24.75	\$ -	5,500	\$ -	\$ 24.75	-100.00%	\$ -	5,500	\$ -	\$ -	
LRAM VA (2016)	\$ -	5,500	\$ -	\$ 0.0361	5,500	\$ 198.55	\$ 198.55		\$ -	5,500	\$ -	\$ -198.55	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	5,500	\$ -	\$ 0.0182	5,500	\$ 100.10	\$ 100.10		\$ -	5,500	\$ -	\$ -100.10	-100.00%
<b>Sub-Total A (excluding pass through)</b>			\$ 10,933.50			\$ 12,172.75	\$ 1,239.25	11.33%			\$ 12,265.05	\$ 92.30	0.76%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	5,500	\$ -	\$ -0.5530	5,500	\$ -3,041.50	\$ -3,041.50		\$ -	5,500	\$ -	\$ -3,041.50	-100.00%
Rate Rider CGAAP Account 1576 (2016)	\$ -	5,500	\$ -	\$ -0.1073	5,500	\$ -590.15	\$ -590.15		\$ -0.1073	5,500	\$ -590.15	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	5,500	\$ -	\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	5,500	\$ -	\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.3036	5,500	\$ 1,669.80	\$ 0.5625	5,500	\$ 3,093.75	\$ 1,423.95	85.28%	\$ 0.5625	5,500	\$ 3,093.75	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	62,100	\$ 5,899.50	\$ 0.0950	64,860	\$ 6,161.70	\$ 262.20	4.44%	\$ 0.0950	64,860	\$ 6,161.70	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 18,502.80			\$ 17,796.55	\$ -706.25	-3.82%			\$ 20,930.35	\$ 3,133.80	17.61%
RTSR - Network	\$ 3.1704	5500	\$ 17,437.20	\$ 3.3492	5500	\$ 18,420.60	\$ 983.40	5.64%	\$ 3.3492	5500	\$ 18,420.60	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.4253	5500	\$ 13,339.15	\$ 2.6780	5500	\$ 14,729.00	\$ 1,389.85	10.42%	\$ 2.6780	5500	\$ 14,729.00	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 49,279.15			\$ 50,946.15	\$ 1,667.00	3.38%			\$ 54,079.95	\$ 3,133.80	6.15%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	3512100	\$ 15,453.24	\$ 0.0044	3514860	\$ 15,465.38	\$ 12.14	0.08%	\$ 0.0044	3514860	\$ 15,465.38	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	3512100	\$ 4,565.73	\$ 0.0013	3514860	\$ 4,569.32	\$ 3.59	0.08%	\$ 0.0013	3514860	\$ 4,569.32	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	3450000	\$ 24,150.00	\$ 0.0070	3450000	\$ 24,150.00	\$ -	0.00%	\$ 0.0070	3450000	\$ 24,150.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	2208000	\$ 170,016.00	\$ 0.0770	2208000	\$ 170,016.00	\$ -	0.00%	\$ 0.0770	2208000	\$ 170,016.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	621000	\$ 70,794.00	\$ 0.1140	621000	\$ 70,794.00	\$ -	0.00%	\$ 0.1140	621000	\$ 70,794.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	621000	\$ 86,940.00	\$ 0.1400	621000	\$ 86,940.00	\$ -	0.00%	\$ 0.1400	621000	\$ 86,940.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	3449400	\$ 355,288.20	\$ 0.1030	3449400	\$ 355,288.20	\$ -	0.00%	\$ 0.1030	3449400	\$ 355,288.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 421,198.37			\$ 422,881.10	\$ 1,682.73	0.40%			\$ 426,014.90	\$ 3,133.80	0.74%
HST		13%	\$ 54,755.79		13%	\$ 54,974.54	\$ 218.76	0.40%		13%	\$ 55,381.94	\$ 407.39	0.74%
<b>Total Bill (including HST)</b>			\$ 475,954.16			\$ 477,855.65	\$ 1,901.49	0.40%			\$ 481,396.84	\$ 3,541.19	0.74%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 475,954.16			\$ 477,855.65	\$ 1,901.49	0.40%			\$ 481,396.84	\$ 3,541.19	0.74%
<b>Total Bill on RPP (before Taxes)</b>			\$ 448,736.57			\$ 450,419.30	\$ 1,682.73	0.37%			\$ 453,553.10	\$ 3,133.80	0.70%
HST		13%	\$ 58,335.75		13%	\$ 58,554.51	\$ 218.76	0.37%		13%	\$ 58,961.90	\$ 407.39	0.70%
<b>Total Bill (including HST)</b>			\$ 507,072.32			\$ 508,973.81	\$ 1,901.49	0.37%			\$ 512,515.01	\$ 3,541.19	0.70%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 507,072.32			\$ 508,973.81	\$ 1,901.49	0.37%			\$ 512,515.01	\$ 3,541.19	0.70%

Loss Factor (%) 1.80%

1.88%

1.88%

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,164.00	1	\$ 5,164.00	\$ 5,548.55	1	\$ 5,548.55	\$ 384.55	7.45%	\$ 5,699.70	1	\$ 5,699.70	\$ 151.15	2.72%
Distribution Volumetric Rate	\$ 1.0535	5,500	\$ 5,794.25	\$ 1.1501	5,500	\$ 6,325.55	\$ 531.30	9.17%	\$ 1.1937	5,500	\$ 6,565.35	\$ 239.80	3.79%
<b>Regular Distribution Only</b>			\$ 10,958.25			\$ 11,874.10	\$ 915.85	8.36%			\$ 12,265.05	\$ 990.95	3.29%

Customer Class:

Large Use

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,895.74	1	\$ 5,895.74	\$ 196.04	3.44%	\$ 6,095.39	1	\$ 6,095.39	\$ 199.65	3.39%	\$ 6,249.45	1	\$ 6,249.45	\$ 154.06	2.53%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.2282	5,500	\$ 6,755.10	\$ 189.75	2.89%	\$ 1.2624	5,500	\$ 6,943.20	\$ 188.10	2.78%	\$ 1.2873	5,500	\$ 7,080.15	\$ 136.95	1.97%
Rate Rider Tax Change (2015)	\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -	
LRAM VA (2016)	\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 12,650.84</b>	<b>\$ 385.79</b>	<b>3.15%</b>			<b>\$ 13,038.59</b>	<b>\$ 387.75</b>	<b>3.07%</b>			<b>\$ 13,329.60</b>	<b>\$ 291.01</b>	<b>2.23%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -		\$ -	5,500	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.1073	5,500	-\$ 590.15	\$ -	0.00%	-\$ 0.1073	5,500	-\$ 590.15	\$ -	0.00%	-\$ 0.1073	5,500	-\$ 590.15	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers		5,500	\$ -	\$ -			5,500	\$ -	\$ -			5,500	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers		5,500	\$ -	\$ -			5,500	\$ -	\$ -			5,500	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.5625	5,500	\$ 3,093.75	\$ -	0.00%	\$ 0.5625	5,500	\$ 3,093.75	\$ -	0.00%	\$ 0.5625	5,500	\$ 3,093.75	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	64860	\$ 6,161.70	\$ -	0.00%	\$ 0.0950	64860	\$ 6,161.70	\$ -	0.00%	\$ 0.0950	64860	\$ 6,161.70	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 21,316.14</b>	<b>\$ 385.79</b>	<b>1.84%</b>			<b>\$ 21,703.89</b>	<b>\$ 387.75</b>	<b>1.82%</b>			<b>\$ 21,994.90</b>	<b>\$ 291.01</b>	<b>1.34%</b>
RTSR - Network	\$ 3.3492	5500	\$ 18,420.60	\$ -	0.00%	\$ 3.3492	5500	\$ 18,420.60	\$ -	0.00%	\$ 3.3492	5500	\$ 18,420.60	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.6780	5500	\$ 14,729.00	\$ -	0.00%	\$ 2.6780	5500	\$ 14,729.00	\$ -	0.00%	\$ 2.6780	5500	\$ 14,729.00	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 54,465.74</b>	<b>\$ 385.79</b>	<b>0.71%</b>			<b>\$ 54,853.49</b>	<b>\$ 387.75</b>	<b>0.71%</b>			<b>\$ 55,144.50</b>	<b>\$ 291.01</b>	<b>0.53%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0044	3514860	\$ 15,465.38	\$ -	0.00%	\$ 0.0044	3514860	\$ 15,465.38	\$ -	0.00%	\$ 0.0044	3514860	\$ 15,465.38	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	3514860	\$ 4,569.32	\$ -	0.00%	\$ 0.0013	3514860	\$ 4,569.32	\$ -	0.00%	\$ 0.0013	3514860	\$ 4,569.32	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	3450000	\$ 24,150.00	\$ -	0.00%	\$ 0.0070	3450000	\$ 24,150.00	\$ -	0.00%	\$ 0.0070	3450000	\$ 24,150.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	2208000	\$ 170,016.00	\$ -	0.00%	\$ 0.0770	2208000	\$ 170,016.00	\$ -	0.00%	\$ 0.0770	2208000	\$ 170,016.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	621000	\$ 70,794.00	\$ -	0.00%	\$ 0.1140	621000	\$ 70,794.00	\$ -	0.00%	\$ 0.1140	621000	\$ 70,794.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	621000	\$ 86,940.00	\$ -	0.00%	\$ 0.1400	621000	\$ 86,940.00	\$ -	0.00%	\$ 0.1400	621000	\$ 86,940.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	3449400	\$ 355,288.20	\$ -	0.00%	\$ 0.1030	3449400	\$ 355,288.20	\$ -	0.00%	\$ 0.1030	3449400	\$ 355,288.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 426,400.69</b>	<b>\$ 385.79</b>	<b>0.09%</b>			<b>\$ 426,788.44</b>	<b>\$ 387.75</b>	<b>0.09%</b>			<b>\$ 427,079.45</b>	<b>\$ 291.01</b>	<b>0.07%</b>
HST	13%		\$ 55,432.09	\$ 50.15	0.09%	13%		\$ 55,482.50	\$ 50.41	0.09%	13%		\$ 55,520.33	\$ 37.83	0.07%
<b>Total Bill (including HST)</b>			<b>\$ 481,832.78</b>	<b>\$ 435.94</b>	<b>0.09%</b>			<b>\$ 482,270.94</b>	<b>\$ 438.16</b>	<b>0.09%</b>			<b>\$ 482,599.78</b>	<b>\$ 328.84</b>	<b>0.07%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			<b>\$ 481,832.78</b>	<b>\$ 435.94</b>	<b>0.09%</b>			<b>\$ 482,270.94</b>	<b>\$ 438.16</b>	<b>0.09%</b>			<b>\$ 482,599.78</b>	<b>\$ 328.84</b>	<b>0.07%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 453,938.89</b>	<b>\$ 385.79</b>	<b>0.09%</b>			<b>\$ 454,326.64</b>	<b>\$ 387.75</b>	<b>0.09%</b>			<b>\$ 454,617.65</b>	<b>\$ 291.01</b>	<b>0.06%</b>
HST	13%		\$ 59,012.06	\$ 50.15	0.09%	13%		\$ 59,062.46	\$ 50.41	0.09%	13%		\$ 59,100.29	\$ 37.83	0.06%
<b>Total Bill (including HST)</b>			<b>\$ 512,950.95</b>	<b>\$ 435.94</b>	<b>0.09%</b>			<b>\$ 513,389.11</b>	<b>\$ 438.16</b>	<b>0.09%</b>			<b>\$ 513,717.95</b>	<b>\$ 328.84</b>	<b>0.06%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			<b>\$ 512,950.95</b>	<b>\$ 435.94</b>	<b>0.09%</b>			<b>\$ 513,389.11</b>	<b>\$ 438.16</b>	<b>0.09%</b>			<b>\$ 513,717.95</b>	<b>\$ 328.84</b>	<b>0.06%</b>

Loss Factor (%) 1.88%

1.88%

1.88%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,895.74	1	\$ 5,895.74	\$ 196.04	3.44%	\$ 6,095.39	1	\$ 6,095.39	\$ 199.65	3.39%	\$ 6,249.45	1	\$ 6,249.45	\$ 154.06	2.53%
Distribution Volumetric Rate	\$ 1.2282	5,500	\$ 6,755.10	\$ 189.75	2.89%	\$ 1.2624	5,500	\$ 6,943.20	\$ 188.10	2.78%	\$ 1.2873	5,500	\$ 7,080.15	\$ 136.95	1.97%
<b>Regular Distribution Only</b>			<b>\$ 12,650.84</b>	<b>\$ 385.79</b>	<b>3.15%</b>			<b>\$ 13,038.59</b>	<b>\$ 387.75</b>	<b>3.07%</b>			<b>\$ 13,329.60</b>	<b>\$ 291.01</b>	<b>2.23%</b>



Appendix 2-W  
Bill Impacts

Customer Class: **Large Use**

Large Use

TOU / non-TOU: **TOU**

Consumption Load  5,000,000 kWh May 1 - October 31  8,000 kW November 1 - April 30 (Select this radio button for applications filed after Oct 31)

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 5,164.00	1	\$ 5,164.00	\$ 5,548.55	1	\$ 5,548.55	\$ 384.55	7.45%	\$ 5,699.70	1	\$ 5,699.70	\$ 151.15
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.0535	8,000	\$ 8,428.00	\$ 1.1501	8,000	\$ 9,200.80	\$ 772.80	9.17%	\$ 1.1937	8,000	\$ 9,549.60	\$ 348.80	3.79%
Rate Rider Tax Change (2015)	-\$ 0.0045	8,000	-\$ 36.00	\$ -	8,000	\$ -	\$ 36.00	-100.00%	\$ -	8,000	\$ -	\$ -	
LRAM VA (2016)	\$ -	8,000	\$ -	\$ 0.0361	8,000	\$ 288.80	\$ 288.80		\$ -	8,000	\$ -	-\$ 288.80	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	8,000	\$ -	\$ 0.0182	8,000	\$ 145.60	\$ 145.60		\$ -	8,000	\$ -	-\$ 145.60	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 13,556.00</b>			<b>\$ 15,183.75</b>	<b>\$ 1,627.75</b>	<b>12.01%</b>			<b>\$ 15,249.30</b>	<b>\$ 65.55</b>	<b>0.43%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	8,000	\$ -	-\$ 0.5530	8,000	-\$ 4,424.00	-\$ 4,424.00		\$ -	8,000	\$ -	\$ 4,424.00	-100.00%
Rate Rider CGAAP Account 1576 (2016)	\$ -	8,000	\$ -	-\$ 0.1073	8,000	-\$ 858.40	-\$ 858.40		-\$ 0.1073	8,000	-\$ 858.40	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	8,000	\$ -	\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	8,000	\$ -	\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.3036	8,000	\$ 2,428.80	\$ 0.5625	8,000	\$ 4,500.00	\$ 2,071.20	85.28%	\$ 0.5625	8,000	\$ 4,500.00	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	90,000	\$ 8,550.00	\$ 0.0950	94,000	\$ 8,930.00	\$ 380.00	4.44%	\$ 0.0950	94,000	\$ 8,930.00	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 24,534.80</b>			<b>\$ 23,331.35</b>	<b>-\$ 1,203.45</b>	<b>-4.91%</b>			<b>\$ 27,820.90</b>	<b>\$ 4,489.55</b>	<b>19.24%</b>
RTSR - Network	\$ 3.1704	8000	\$ 25,363.20	\$ 3.3492	8000	\$ 26,793.60	\$ 1,430.40	5.64%	\$ 3.3492	8000	\$ 26,793.60	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.4253	8000	\$ 19,402.40	\$ 2.6780	8000	\$ 21,424.00	\$ 2,021.60	10.42%	\$ 2.6780	8000	\$ 21,424.00	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 69,300.40</b>			<b>\$ 71,548.95</b>	<b>\$ 2,248.55</b>	<b>3.24%</b>			<b>\$ 76,038.50</b>	<b>\$ 4,489.55</b>	<b>6.27%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0044	5090000	\$ 22,396.00	\$ 0.0044	5094000	\$ 22,413.60	\$ 17.60	0.08%	\$ 0.0044	5094000	\$ 22,413.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	5090000	\$ 6,617.00	\$ 0.0013	5094000	\$ 6,622.20	\$ 5.20	0.08%	\$ 0.0013	5094000	\$ 6,622.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	5000000	\$ 35,000.00	\$ 0.0070	5000000	\$ 35,000.00	\$ -	0.00%	\$ 0.0070	5000000	\$ 35,000.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	3200000	\$ 246,400.00	\$ 0.0770	3200000	\$ 246,400.00	\$ -	0.00%	\$ 0.0770	3200000	\$ 246,400.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	900000	\$ 102,600.00	\$ 0.1140	900000	\$ 102,600.00	\$ -	0.00%	\$ 0.1140	900000	\$ 102,600.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	900000	\$ 126,000.00	\$ 0.1400	900000	\$ 126,000.00	\$ -	0.00%	\$ 0.1400	900000	\$ 126,000.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	4999400	\$ 514,938.20	\$ 0.1030	4999400	\$ 514,938.20	\$ -	0.00%	\$ 0.1030	4999400	\$ 514,938.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$608,313.65</b>			<b>\$610,585.00</b>	<b>\$ 2,271.35</b>	<b>0.37%</b>			<b>\$615,074.55</b>	<b>\$ 4,489.55</b>	<b>0.74%</b>
HST	13%		\$ 79,080.77	13%		\$ 79,376.05	\$ 295.28	0.37%	13%		\$ 79,959.69	\$ 583.64	0.74%
<b>Total Bill (including HST)</b>			<b>\$687,394.42</b>			<b>\$689,961.05</b>	<b>\$ 2,566.63</b>	<b>0.37%</b>			<b>\$695,034.24</b>	<b>\$ 5,073.19</b>	<b>0.74%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			<b>\$687,394.42</b>			<b>\$689,961.05</b>	<b>\$ 2,566.63</b>	<b>0.37%</b>			<b>\$695,034.24</b>	<b>\$ 5,073.19</b>	<b>0.74%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$648,251.85</b>			<b>\$650,523.20</b>	<b>\$ 2,271.35</b>	<b>0.35%</b>			<b>\$655,012.75</b>	<b>\$ 4,489.55</b>	<b>0.69%</b>
HST	13%		\$ 84,272.74	13%		\$ 84,568.02	\$ 295.28	0.35%	13%		\$ 85,151.66	\$ 583.64	0.69%
<b>Total Bill (including HST)</b>			<b>\$732,524.59</b>			<b>\$735,091.22</b>	<b>\$ 2,566.63</b>	<b>0.35%</b>			<b>\$740,164.41</b>	<b>\$ 5,073.19</b>	<b>0.69%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			<b>\$732,524.59</b>			<b>\$735,091.22</b>	<b>\$ 2,566.63</b>	<b>0.35%</b>			<b>\$740,164.41</b>	<b>\$ 5,073.19</b>	<b>0.69%</b>

Loss Factor (%) **1.80%**

**1.88%**

**1.88%**

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 5,164.00	1	\$ 5,164.00	\$ 5,548.55	1	\$ 5,548.55	\$ 384.55	7.45%	\$ 5,699.70	1	\$ 5,699.70	\$ 151.15
Distribution Volumetric Rate	\$ 1.0535	8,000	\$ 8,428.00	\$ 1.1501	8,000	\$ 9,200.80	\$ 772.80	9.17%	\$ 1.1937	8,000	\$ 9,549.60	\$ 348.80	3.79%
<b>Regular Distribution Only</b>			<b>\$ 13,592.00</b>			<b>\$ 14,749.35</b>	<b>\$ 1,157.35</b>	<b>8.51%</b>			<b>\$ 15,249.30</b>	<b>\$ 499.95</b>	<b>3.39%</b>

Customer Class:

Large Use

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,895.74	1	\$ 5,895.74	\$ 196.04	3.44%	\$ 6,095.39	1	\$ 6,095.39	\$ 199.65	3.39%	\$ 6,249.45	1	\$ 6,249.45	\$ 154.06	2.53%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 1.2282	8,000	\$ 9,825.60	\$ 276.00	2.89%	\$ 1.2624	8,000	\$ 10,099.20	\$ 273.60	2.78%	\$ 1.2873	8,000	\$ 10,298.40	\$ 199.20	1.97%
Rate Rider Tax Change (2015)	\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -	
LRAM VA (2016)	\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 15,721.34</b>	<b>\$ 472.04</b>	<b>3.10%</b>			<b>\$ 16,194.59</b>	<b>\$ 473.25</b>	<b>3.01%</b>			<b>\$ 16,547.85</b>	<b>\$ 353.26</b>	<b>2.18%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -		\$ -	8,000	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.1073	8,000	-\$ 858.40	\$ -	0.00%	-\$ 0.1073	8,000	-\$ 858.40	\$ -	0.00%	-\$ 0.1073	8,000	-\$ 858.40	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers		8,000	\$ -	\$ -			8,000	\$ -	\$ -			8,000	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers		8,000	\$ -	\$ -			8,000	\$ -	\$ -			8,000	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.5625	8,000	\$ 4,500.00	\$ -	0.00%	\$ 0.5625	8,000	\$ 4,500.00	\$ -	0.00%	\$ 0.5625	8,000	\$ 4,500.00	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	94000	\$ 8,930.00	\$ -	0.00%	\$ 0.0950	94000	\$ 8,930.00	\$ -	0.00%	\$ 0.0950	94000	\$ 8,930.00	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 28,292.94</b>	<b>\$ 472.04</b>	<b>1.70%</b>			<b>\$ 28,766.19</b>	<b>\$ 473.25</b>	<b>1.67%</b>			<b>\$ 29,119.45</b>	<b>\$ 353.26</b>	<b>1.23%</b>
RTSR - Network	\$ 3.3492	8000	\$ 26,793.60	\$ -	0.00%	\$ 3.3492	8000	\$ 26,793.60	\$ -	0.00%	\$ 3.3492	8000	\$ 26,793.60	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 2.6780	8000	\$ 21,424.00	\$ -	0.00%	\$ 2.6780	8000	\$ 21,424.00	\$ -	0.00%	\$ 2.6780	8000	\$ 21,424.00	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 76,510.54</b>	<b>\$ 472.04</b>	<b>0.62%</b>			<b>\$ 76,983.79</b>	<b>\$ 473.25</b>	<b>0.62%</b>			<b>\$ 77,337.05</b>	<b>\$ 353.26</b>	<b>0.46%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0044	5094000	\$ 22,413.60	\$ -	0.00%	\$ 0.0044	5094000	\$ 22,413.60	\$ -	0.00%	\$ 0.0044	5094000	\$ 22,413.60	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	5094000	\$ 6,622.20	\$ -	0.00%	\$ 0.0013	5094000	\$ 6,622.20	\$ -	0.00%	\$ 0.0013	5094000	\$ 6,622.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	5000000	\$ 35,000.00	\$ -	0.00%	\$ 0.0070	5000000	\$ 35,000.00	\$ -	0.00%	\$ 0.0070	5000000	\$ 35,000.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	3200000	\$ 246,400.00	\$ -	0.00%	\$ 0.0770	3200000	\$ 246,400.00	\$ -	0.00%	\$ 0.0770	3200000	\$ 246,400.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	900000	\$ 102,600.00	\$ -	0.00%	\$ 0.1140	900000	\$ 102,600.00	\$ -	0.00%	\$ 0.1140	900000	\$ 102,600.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	900000	\$ 126,000.00	\$ -	0.00%	\$ 0.1400	900000	\$ 126,000.00	\$ -	0.00%	\$ 0.1400	900000	\$ 126,000.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	4999400	\$ 514,938.20	\$ -	0.00%	\$ 0.1030	4999400	\$ 514,938.20	\$ -	0.00%	\$ 0.1030	4999400	\$ 514,938.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 615,546.59</b>	<b>\$ 472.04</b>	<b>0.08%</b>			<b>\$ 616,019.84</b>	<b>\$ 473.25</b>	<b>0.08%</b>			<b>\$ 616,373.10</b>	<b>\$ 353.26</b>	<b>0.06%</b>
HST	13%		\$ 80,021.06	\$ 61.37	0.08%	13%		\$ 80,082.58	\$ 61.52	0.08%	13%		\$ 80,128.50	\$ 45.92	0.06%
<b>Total Bill (including HST)</b>			<b>\$ 695,567.65</b>	<b>\$ 533.41</b>	<b>0.08%</b>			<b>\$ 696,102.42</b>	<b>\$ 534.77</b>	<b>0.08%</b>			<b>\$ 696,501.60</b>	<b>\$ 399.18</b>	<b>0.06%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			<b>\$ 695,567.65</b>	<b>\$ 533.41</b>	<b>0.08%</b>			<b>\$ 696,102.42</b>	<b>\$ 534.77</b>	<b>0.08%</b>			<b>\$ 696,501.60</b>	<b>\$ 399.18</b>	<b>0.06%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 655,484.79</b>	<b>\$ 472.04</b>	<b>0.07%</b>			<b>\$ 655,958.04</b>	<b>\$ 473.25</b>	<b>0.07%</b>			<b>\$ 656,311.30</b>	<b>\$ 353.26</b>	<b>0.05%</b>
HST	13%		\$ 85,213.02	\$ 61.37	0.07%	13%		\$ 85,274.55	\$ 61.52	0.07%	13%		\$ 85,320.47	\$ 45.92	0.05%
<b>Total Bill (including HST)</b>			<b>\$ 740,697.81</b>	<b>\$ 533.41</b>	<b>0.07%</b>			<b>\$ 741,232.59</b>	<b>\$ 534.77</b>	<b>0.07%</b>			<b>\$ 741,631.77</b>	<b>\$ 399.18</b>	<b>0.05%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			<b>\$ 740,697.81</b>	<b>\$ 533.41</b>	<b>0.07%</b>			<b>\$ 741,232.59</b>	<b>\$ 534.77</b>	<b>0.07%</b>			<b>\$ 741,631.77</b>	<b>\$ 399.18</b>	<b>0.05%</b>

Loss Factor (%) 1.88%

1.88%

1.88%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 5,895.74	1	\$ 5,895.74	\$ 196.04	3.44%	\$ 6,095.39	1	\$ 6,095.39	\$ 199.65	3.39%	\$ 6,249.45	1	\$ 6,249.45	\$ 154.06	2.53%
Distribution Volumetric Rate	\$ 1.2282	8,000	\$ 9,825.60	\$ 276.00	2.89%	\$ 1.2624	8,000	\$ 10,099.20	\$ 273.60	2.78%	\$ 1.2873	8,000	\$ 10,298.40	\$ 199.20	1.97%
<b>Regular Distribution Only</b>			<b>\$ 15,721.34</b>	<b>\$ 472.04</b>	<b>3.10%</b>			<b>\$ 16,194.59</b>	<b>\$ 473.25</b>	<b>3.01%</b>			<b>\$ 16,547.85</b>	<b>\$ 353.26</b>	<b>2.18%</b>

Appendix 2-W  
Bill Impacts

Customer Class: **Street Lighting**

**Street Lighting**

TOU / non-TOU: **TOU**

Lights Consumption Load: **15** number of **400** kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)  
1 kW

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge (per light)	1.02	15	15.30	0.87	15	13.05	-\$ 2.25	-14.71%	0.99	15	14.85	\$ 1.80	13.79%
Smart Meter (SMIRR) Rate Rider	-	1	-	-	1	-	\$ -		-	1	-	\$ -	
Rate Rider Smart Meters Capital (2016)	-	1	-	-	1	-	\$ -		-	1	-	\$ -	
Rate Rider Recovery of Stranded Meters	-	1	-	-	1	-	\$ -		-	1	-	\$ -	
Distribution Volumetric Rate	4.6750	1	4.68	9.2375	1	9.24	\$ 4.56	97.59%	10.5371	1	10.54	\$ 1.30	14.07%
Rate Rider Tax Change (2015)	-0.0278	1	-0.03	-	1	-	\$ 0.03	-100.00%	-	1	-	\$ -	
LRAM VA (2016)	-	1	-	13.8368	1	13.84	\$ 13.84		-	1	-	-\$ 13.84	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	-	1	-	0.2240	1	0.22	\$ 0.22		-	1	-	-\$ 0.22	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>19.95</b>			<b>36.35</b>	<b>\$ 16.40</b>	<b>82.22%</b>			<b>25.39</b>	<b>-\$ 10.96</b>	<b>-30.16%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	-	1	-	14.1931	1	14.19	\$ 14.19		-	1	-	-\$ 14.19	-100.00%
Rate Rider CGAAP Account 1576 (2016)	-	1	-	-1.3222	1	-1.32	-\$ 1.32		-1.3222	1	-1.32	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	5.5544		-	-	1	-	\$ -		-	1	-	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	-	1	-	4.9465		-	\$ -		-	1	-	\$ -	
Low Voltage Service Charge	0.1820	1	0.18	0.3372	1	0.34	\$ 0.16	85.27%	0.3372	1	0.34	\$ -	0.00%
Line Losses on Cost of Power	0.0950	13.76	1.31	0.0950	15.72	1.49	\$ 0.19	14.24%	0.0950	15.72	1.49	\$ -	0.00%
Smart Meter Entity Charge	-	1	-	-	1	-	\$ -		-	1	-	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>21.44</b>			<b>51.05</b>	<b>\$ 29.61</b>	<b>138.15%</b>			<b>25.90</b>	<b>-\$ 25.15</b>	<b>-49.27%</b>
RTSR - Network	1.9006	1	1.90	2.0078	1	2.01	\$ 0.11	5.64%	2.0078	1	2.01	\$ -	0.00%
RTSR - Line and Transformation Connection	1.4538	1	1.45	1.6053	1	1.61	\$ 0.15	10.42%	1.6053	1	1.61	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>24.79</b>			<b>54.66</b>	<b>\$ 29.87</b>	<b>120.50%</b>			<b>29.51</b>	<b>-\$ 25.15</b>	<b>-46.02%</b>
Wholesale Market Service Charge (WMSC)	0.0044	414	1.82	0.0044	416	1.83	\$ 0.01	0.47%	0.0044	416	1.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	0.0013	414	0.54	0.0013	416	0.54	\$ 0.00	0.47%	0.0013	416	0.54	\$ -	0.00%
Standard Supply Service Charge	0.2500	1	0.25	0.2500	1	0.25	\$ -	0.00%	0.2500	1	0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	0.0070	400	2.80	0.0070	400	2.80	\$ -	0.00%	0.0070	400	2.80	\$ -	0.00%
TOU - Off Peak	0.0770	256	19.71	0.0770	256	19.71	\$ -	0.00%	0.0770	256	19.71	\$ -	0.00%
TOU - Mid Peak	0.1140	72	8.21	0.1140	72	8.21	\$ -	0.00%	0.1140	72	8.21	\$ -	0.00%
TOU - On Peak	0.1400	72	10.08	0.1400	72	10.08	\$ -	0.00%	0.1400	72	10.08	\$ -	0.00%
Energy - RPP - Tier 1	0.0880	400	35.20	0.0880	400	35.20	\$ -	0.00%	0.0880	400	35.20	\$ -	0.00%
Energy - RPP - Tier 2	0.1030	0	-	0.1030	0	-	\$ -		0.1030	0	-	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			<b>68.20</b>			<b>98.08</b>	<b>\$ 29.88</b>	<b>43.82%</b>			<b>72.93</b>	<b>-\$ 25.15</b>	<b>-25.65%</b>
HST	13%		8.87	13%		12.75	\$ 3.88	43.82%	13%		9.48	-\$ 3.27	-25.65%
<b>Total Bill (including HST)</b>			<b>77.07</b>			<b>110.83</b>	<b>\$ 33.77</b>	<b>43.82%</b>			<b>82.41</b>	<b>-\$ 28.42</b>	<b>-25.65%</b>
Ontario Clean Energy Benefit <sup>1</sup>			-			-	\$ -				-	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			<b>77.07</b>			<b>110.83</b>	<b>\$ 33.77</b>	<b>43.82%</b>			<b>82.41</b>	<b>-\$ 28.42</b>	<b>-25.65%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>65.40</b>			<b>95.28</b>	<b>\$ 29.88</b>	<b>45.69%</b>			<b>70.13</b>	<b>-\$ 25.15</b>	<b>-26.40%</b>
HST	13%		8.50	13%		12.39	\$ 3.88	45.69%	13%		9.12	-\$ 3.27	-26.40%
<b>Total Bill (including HST)</b>			<b>73.90</b>			<b>107.67</b>	<b>\$ 33.77</b>	<b>45.69%</b>			<b>79.24</b>	<b>-\$ 28.42</b>	<b>-26.40%</b>
Ontario Clean Energy Benefit <sup>1</sup>			-			-	\$ -				-	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			<b>73.90</b>			<b>107.67</b>	<b>\$ 33.77</b>	<b>45.69%</b>			<b>79.24</b>	<b>-\$ 28.42</b>	<b>-26.40%</b>

Loss Factor (%)

3.44%

3.93%

3.93%

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	1.02	15	15.30	0.87	15	13.05	-\$ 2.25	-14.71%	0.99	15	14.85	\$ 1.80	13.79%
Distribution Volumetric Rate	4.6750	1	4.68	9.2375	1	9.24	\$ 4.56	97.59%	10.5371	1	10.54	\$ 1.30	14.07%
<b>"Regular" Distribution Only</b>			<b>19.98</b>			<b>22.29</b>	<b>\$ 2.31</b>	<b>11.58%</b>			<b>25.39</b>	<b>\$ 3.10</b>	<b>13.91%</b>

Customer Class:

Street Lighting

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge (per light)	\$ 1.12	15	\$ 16.80	\$ 1.95	13.13%	\$ 1.24	15	\$ 18.60	\$ 1.80	10.71%	\$ 1.34	15	\$ 20.10	\$ 1.50	8.06%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 11.8498	1	\$ 11.85	\$ 1.31	12.46%	\$ 13.1228	1	\$ 13.12	\$ 1.27	10.74%	\$ 14.2801	1	\$ 14.28	\$ 1.16	8.82%
Rate Rider Tax Change (2015)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
LRAM VA (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 28.65	\$ 3.26	12.85%			\$ 31.72	\$ 3.07	10.73%			\$ 34.38	\$ 2.66	8.38%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 1.3222	1	-\$ 1.32	\$ -	0.00%	-\$ 1.3222	1	-\$ 1.32	\$ -	0.00%	-\$ 1.3222	1	-\$ 1.32	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.3372	1	\$ 0.34	\$ -	0.00%	\$ 0.3372	1	\$ 0.34	\$ -	0.00%	\$ 0.3372	1	\$ 0.34	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	15.72	\$ 1.49	\$ -	0.00%	\$ 0.0950	15.72	\$ 1.49	\$ -	0.00%	\$ 0.0950	15.72	\$ 1.49	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 29.16	\$ 3.26	12.60%			\$ 32.23	\$ 3.07	10.54%			\$ 34.89	\$ 2.66	8.24%
RTSR - Network	\$ 2.0078	1	\$ 2.01	\$ -	0.00%	\$ 2.0078	1	\$ 2.01	\$ -	0.00%	\$ 2.0078	1	\$ 2.01	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 1.6053	1	\$ 1.61	\$ -	0.00%	\$ 1.6053	1	\$ 1.61	\$ -	0.00%	\$ 1.6053	1	\$ 1.61	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 32.77	\$ 3.26	11.06%			\$ 35.84	\$ 3.07	9.38%			\$ 38.50	\$ 2.66	7.41%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	416	\$ 1.83	\$ -	0.00%	\$ 0.0044	416	\$ 1.83	\$ -	0.00%	\$ 0.0044	416	\$ 1.83	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	416	\$ 0.54	\$ -	0.00%	\$ 0.0013	416	\$ 0.54	\$ -	0.00%	\$ 0.0013	416	\$ 0.54	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	400	\$ 2.80	\$ -	0.00%	\$ 0.0070	400	\$ 2.80	\$ -	0.00%	\$ 0.0070	400	\$ 2.80	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	256	\$ 19.71	\$ -	0.00%	\$ 0.0770	256	\$ 19.71	\$ -	0.00%	\$ 0.0770	256	\$ 19.71	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	72	\$ 8.21	\$ -	0.00%	\$ 0.1140	72	\$ 8.21	\$ -	0.00%	\$ 0.1140	72	\$ 8.21	\$ -	0.00%
TOU - On Peak	\$ 0.1400	72	\$ 10.08	\$ -	0.00%	\$ 0.1400	72	\$ 10.08	\$ -	0.00%	\$ 0.1400	72	\$ 10.08	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	400	\$ 35.20	\$ -	0.00%	\$ 0.0880	400	\$ 35.20	\$ -	0.00%	\$ 0.0880	400	\$ 35.20	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 76.19	\$ 3.26	4.47%			\$ 79.26	\$ 3.07	4.03%			\$ 81.92	\$ 2.66	3.35%
HST	13%		\$ 9.90	\$ 0.42	4.47%	13%		\$ 10.30	\$ 0.40	4.03%	13%		\$ 10.65	\$ 0.35	3.35%
<b>Total Bill (including HST)</b>			\$ 86.10	\$ 3.69	4.47%			\$ 89.57	\$ 3.47	4.03%			\$ 92.57	\$ 3.00	3.35%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 86.10	\$ 3.69	4.47%			\$ 89.57	\$ 3.47	4.03%			\$ 92.57	\$ 3.00	3.35%
<b>Total Bill on RPP (before Taxes)</b>			\$ 73.39	\$ 3.26	4.65%			\$ 76.46	\$ 3.07	4.19%			\$ 79.12	\$ 2.66	3.48%
HST	13%		\$ 9.54	\$ 0.42	4.65%	13%		\$ 9.94	\$ 0.40	4.19%	13%		\$ 10.29	\$ 0.35	3.48%
<b>Total Bill (including HST)</b>			\$ 82.93	\$ 3.69	4.65%			\$ 86.40	\$ 3.47	4.19%			\$ 89.41	\$ 3.00	3.48%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 82.93	\$ 3.69	4.65%			\$ 86.40	\$ 3.47	4.19%			\$ 89.41	\$ 3.00	3.48%

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.12	15	\$ 16.80	\$ 1.95	13.13%	\$ 1.24	15	\$ 18.60	\$ 1.80	10.71%	\$ 1.34	15	\$ 20.10	\$ 1.50	8.06%
Distribution Volumetric Rate	\$ 11.8498	1	\$ 11.85	\$ 1.31	12.46%	\$ 13.1228	1	\$ 13.12	\$ 1.27	10.74%	\$ 14.2801	1	\$ 14.28	\$ 1.16	8.82%
<b>"Regular" Distribution Only</b>			\$ 28.65	\$ 3.26	12.85%			\$ 31.72	\$ 3.07	10.73%			\$ 34.38	\$ 2.66	8.38%

Appendix 2-W  
Bill Impacts

Customer Class: **Street Lighting**

Street Lighting

TOU / non-TOU: **TOU**

Lights Consumption Load: **5,000** number of kWh  May 1 - October 31  November 1 - April 30 (Select this radio button for applications filed after Oct 31)  
**150,000** kWh  
**375** kW

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge (per light)	\$ 1.02	5,000	\$ 5,100.00	\$ 0.87	5,000	\$ 4,350.00	-\$ 750.00	-14.71%	\$ 0.99	5,000	\$ 4,950.00	\$ 600.00
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	per kW \$ 4.6750	375	\$ 1,753.13	\$ 9.2375	375	\$ 3,464.06	\$ 1,710.94	97.59%	\$ 10.5371	375	\$ 3,951.41	\$ 487.35	14.07%
Rate Rider Tax Change (2015)	-\$ 0.0278	375	\$ 10.43	\$ -	375	\$ -	\$ 10.43	-100.00%	\$ -	375	\$ -	\$ -	
LRAM VA (2016)	per kW \$ -	375	\$ -	\$ 13.8368	375	\$ 5,188.80	\$ 5,188.80		\$ -	375	\$ -	-\$ 5,188.80	-100.00%
Rate Rider Incremental Capital 2012 True-Up (2016)	per kW \$ -	375	\$ -	\$ 0.2240	375	\$ 84.00	\$ 84.00		\$ -	375	\$ -	-\$ 84.00	-100.00%
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 6,842.70</b>			<b>\$ 13,086.86</b>	<b>\$ 6,244.16</b>	<b>91.25%</b>			<b>\$ 8,901.41</b>	<b>-\$ 4,185.45</b>	<b>-31.98%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	per kW \$ -	375	\$ -	\$ 14.1931	375	\$ 5,322.41	\$ 5,322.41		\$ -	375	\$ -	-\$ 5,322.41	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kW \$ -	375	\$ -	-\$ 1.3222	375	-\$ 495.83	-\$ 495.83		-\$ 1.3222	375	-\$ 495.83	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kW \$ 5.5544		\$ -	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kW \$ -	375	\$ -	\$ 4.9465		\$ -	\$ -		\$ -	375	\$ -	\$ -	
Low Voltage Service Charge	per kW \$ 0.1820	375	\$ 68.25	\$ 0.3372	375	\$ 126.45	\$ 58.20	85.27%	\$ 0.3372	375	\$ 126.45	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	5160	\$ 490.20	\$ 0.0950	5895	\$ 560.02	\$ 69.82	14.24%	\$ 0.0950	5895	\$ 560.02	\$ -	0.00%
Smart Meter Entity Charge	per kWh \$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 7,401.15</b>			<b>\$ 18,599.93</b>	<b>\$ 11,198.78</b>	<b>151.31%</b>			<b>\$ 9,092.06</b>	<b>-\$ 9,507.86</b>	<b>-51.12%</b>
RTSR - Network	per kW \$ 1.9006	375	\$ 712.73	\$ 2.0078	375	\$ 752.93	\$ 40.20	5.64%	\$ 2.0078	375	\$ 752.93	\$ -	0.00%
RTSR - Line and Transformation Connection	per kW \$ 1.4538	375	\$ 545.18	\$ 1.6053	375	\$ 601.99	\$ 56.81	10.42%	\$ 1.6053	375	\$ 601.99	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 8,659.05</b>			<b>\$ 19,954.84</b>	<b>\$ 11,295.79</b>	<b>130.45%</b>			<b>\$ 10,446.98</b>	<b>-\$ 9,507.86</b>	<b>-47.65%</b>
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	155160	\$ 682.70	\$ 0.0044	155895	\$ 685.94	\$ 3.23	0.47%	\$ 0.0044	155895	\$ 685.94	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	155160	\$ 201.71	\$ 0.0013	155895	\$ 202.66	\$ 0.96	0.47%	\$ 0.0013	155895	\$ 202.66	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150000	\$ 1,050.00	\$ 0.0070	150000	\$ 1,050.00	\$ -	0.00%	\$ 0.0070	150000	\$ 1,050.00	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	96,000	\$ 7,392.00	\$ 0.0770	96,000	\$ 7,392.00	\$ -	0.00%	\$ 0.0770	96,000	\$ 7,392.00	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	27,000	\$ 3,078.00	\$ 0.1140	27,000	\$ 3,078.00	\$ -	0.00%	\$ 0.1140	27,000	\$ 3,078.00	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	27,000	\$ 3,780.00	\$ 0.1400	27,000	\$ 3,780.00	\$ -	0.00%	\$ 0.1400	27,000	\$ 3,780.00	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	149,400	\$ 15,388.20	\$ 0.1030	149,400	\$ 15,388.20	\$ -	0.00%	\$ 0.1030	149,400	\$ 15,388.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 24,843.71</b>			<b>\$ 36,143.69</b>	<b>\$ 11,299.98</b>	<b>45.48%</b>			<b>\$ 26,635.83</b>	<b>-\$ 9,507.86</b>	<b>-26.31%</b>
HST	13%		\$ 3,229.68	13%		\$ 4,698.68	\$ 1,469.00	45.48%	13%		\$ 3,462.66	-\$ 1,236.02	-26.31%
<b>Total Bill (including HST)</b>			<b>\$ 28,073.39</b>			<b>\$ 40,842.37</b>	<b>\$ 12,768.97</b>	<b>45.48%</b>			<b>\$ 30,098.48</b>	<b>-\$ 10,743.88</b>	<b>-26.31%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			<b>\$ 28,073.39</b>			<b>\$ 40,842.37</b>	<b>\$ 12,768.97</b>	<b>45.48%</b>			<b>\$ 30,098.48</b>	<b>-\$ 10,743.88</b>	<b>-26.31%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 26,034.71</b>			<b>\$ 37,334.69</b>	<b>\$ 11,299.98</b>	<b>43.40%</b>			<b>\$ 27,826.83</b>	<b>-\$ 9,507.86</b>	<b>-25.47%</b>
HST	13%		\$ 3,384.51	13%		\$ 4,853.51	\$ 1,469.00	43.40%	13%		\$ 3,617.49	-\$ 1,236.02	-25.47%
<b>Total Bill (including HST)</b>			<b>\$ 29,419.22</b>			<b>\$ 42,188.20</b>	<b>\$ 12,768.97</b>	<b>43.40%</b>			<b>\$ 31,444.31</b>	<b>-\$ 10,743.88</b>	<b>-25.47%</b>
Ontario Clean Energy Benefit <sup>1</sup>			\$ -			\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			<b>\$ 29,419.22</b>			<b>\$ 42,188.20</b>	<b>\$ 12,768.97</b>	<b>43.40%</b>			<b>\$ 31,444.31</b>	<b>-\$ 10,743.88</b>	<b>-25.47%</b>
Loss Factor (%)			3.44%			3.93%					3.93%		
Distribution Excluding Rate Riders													
Monthly Service Charge	Monthly \$ 1.02	5,000	\$ 5,100.00	\$ 0.87	5,000	\$ 4,350.00	-\$ 750.00	-14.71%	\$ 0.99	5,000	\$ 4,950.00	\$ 600.00	13.79%
Distribution Volumetric Rate	per kW \$ 4.6750	375	\$ 1,753.13	\$ 9.2375	375	\$ 3,464.06	\$ 1,710.94	97.59%	\$ 10.5371	375	\$ 3,951.41	\$ 487.35	14.07%
<b>"Regular" Distribution Only</b>			<b>\$ 6,853.13</b>			<b>\$ 7,814.06</b>	<b>\$ 960.94</b>	<b>14.02%</b>			<b>\$ 8,901.41</b>	<b>\$ 1,087.35</b>	<b>13.92%</b>

Customer Class:

Street Lighting

TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge (per light)	\$ 1.12	5,000	\$ 5,600.00	\$ 650.00	13.13%	\$ 1.24	5,000	\$ 6,200.00	\$ 600.00	10.71%	\$ 1.34	5,000	\$ 6,700.00	\$ 500.00	8.06%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 11.8498	375	\$ 4,443.68	\$ 492.26	12.46%	\$ 13.1228	375	\$ 4,921.05	\$ 477.38	10.74%	\$ 14.2801	375	\$ 5,355.04	\$ 433.99	8.82%
Rate Rider Tax Change (2015)	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
LRAM VA (2016)	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			<b>\$ 10,043.68</b>	<b>\$ 1,142.26</b>	<b>12.83%</b>			<b>\$ 11,121.05</b>	<b>\$ 1,077.38</b>	<b>10.73%</b>			<b>\$ 12,055.04</b>	<b>\$ 933.99</b>	<b>8.40%</b>
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 1.3222	375	-\$ 495.83	\$ -	0.00%	-\$ 1.3222	375	-\$ 495.83	\$ -	0.00%	-\$ 1.3222	375	-\$ 495.83	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -		\$ -	375	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.3372	375	\$ 126.45	\$ -	0.00%	\$ 0.3372	375	\$ 126.45	\$ -	0.00%	\$ 0.3372	375	\$ 126.45	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	5895	\$ 560.02	\$ -	0.00%	\$ 0.0950	5895	\$ 560.02	\$ -	0.00%	\$ 0.0950	5895	\$ 560.02	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			<b>\$ 10,234.33</b>	<b>\$ 1,142.26</b>	<b>12.56%</b>			<b>\$ 11,311.70</b>	<b>\$ 1,077.38</b>	<b>10.53%</b>			<b>\$ 12,245.69</b>	<b>\$ 933.99</b>	<b>8.26%</b>
RTSR - Network	\$ 2.0078	375	\$ 752.93	\$ -	0.00%	\$ 2.0078	375	\$ 752.93	\$ -	0.00%	\$ 2.0078	375	\$ 752.93	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 1.6053	375	\$ 601.99	\$ -	0.00%	\$ 1.6053	375	\$ 601.99	\$ -	0.00%	\$ 1.6053	375	\$ 601.99	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			<b>\$ 11,589.24</b>	<b>\$ 1,142.26</b>	<b>10.93%</b>			<b>\$ 12,666.61</b>	<b>\$ 1,077.38</b>	<b>9.30%</b>			<b>\$ 13,600.60</b>	<b>\$ 933.99</b>	<b>7.37%</b>
Wholesale Market Service Charge (WMSC)	\$ 0.0044	155895	\$ 685.94	\$ -	0.00%	\$ 0.0044	155895	\$ 685.94	\$ -	0.00%	\$ 0.0044	155895	\$ 685.94	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	155895	\$ 202.66	\$ -	0.00%	\$ 0.0013	155895	\$ 202.66	\$ -	0.00%	\$ 0.0013	155895	\$ 202.66	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150000	\$ 1,050.00	\$ -	0.00%	\$ 0.0070	150000	\$ 1,050.00	\$ -	0.00%	\$ 0.0070	150000	\$ 1,050.00	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	96000	\$ 7,392.00	\$ -	0.00%	\$ 0.0770	96000	\$ 7,392.00	\$ -	0.00%	\$ 0.0770	96000	\$ 7,392.00	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	27000	\$ 3,078.00	\$ -	0.00%	\$ 0.1140	27000	\$ 3,078.00	\$ -	0.00%	\$ 0.1140	27000	\$ 3,078.00	\$ -	0.00%
TOU - On Peak	\$ 0.1400	27000	\$ 3,780.00	\$ -	0.00%	\$ 0.1400	27000	\$ 3,780.00	\$ -	0.00%	\$ 0.1400	27000	\$ 3,780.00	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	149400	\$ 15,388.20	\$ -	0.00%	\$ 0.1030	149400	\$ 15,388.20	\$ -	0.00%	\$ 0.1030	149400	\$ 15,388.20	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			<b>\$ 27,778.09</b>	<b>\$ 1,142.26</b>	<b>4.29%</b>			<b>\$ 28,855.46</b>	<b>\$ 1,077.38</b>	<b>3.88%</b>			<b>\$ 29,789.45</b>	<b>\$ 933.99</b>	<b>3.24%</b>
HST	13%		\$ 3,611.15	\$ 148.49	4.29%	13%		\$ 3,751.21	\$ 140.06	3.88%	13%		\$ 3,872.63	\$ 121.42	3.24%
<b>Total Bill (including HST)</b>			<b>\$ 31,389.24</b>	<b>\$ 1,290.76</b>	<b>4.29%</b>			<b>\$ 32,606.67</b>	<b>\$ 1,217.43</b>	<b>3.88%</b>			<b>\$ 33,662.08</b>	<b>\$ 1,055.41</b>	<b>3.24%</b>
<i>Ontario Clean Energy Benefit <sup>1</sup></i>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			<b>\$ 31,389.24</b>	<b>\$ 1,290.76</b>	<b>4.29%</b>			<b>\$ 32,606.67</b>	<b>\$ 1,217.43</b>	<b>3.88%</b>			<b>\$ 33,662.08</b>	<b>\$ 1,055.41</b>	<b>3.24%</b>
<b>Total Bill on RPP (before Taxes)</b>			<b>\$ 28,969.09</b>	<b>\$ 1,142.26</b>	<b>4.10%</b>			<b>\$ 30,046.46</b>	<b>\$ 1,077.38</b>	<b>3.72%</b>			<b>\$ 30,980.45</b>	<b>\$ 933.99</b>	<b>3.11%</b>
HST	13%		\$ 3,765.98	\$ 148.49	4.10%	13%		\$ 3,906.04	\$ 140.06	3.72%	13%		\$ 4,027.46	\$ 121.42	3.11%
<b>Total Bill (including HST)</b>			<b>\$ 32,735.07</b>	<b>\$ 1,290.76</b>	<b>4.10%</b>			<b>\$ 33,952.50</b>	<b>\$ 1,217.43</b>	<b>3.72%</b>			<b>\$ 35,007.91</b>	<b>\$ 1,055.41</b>	<b>3.11%</b>
<i>Ontario Clean Energy Benefit <sup>1</sup></i>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			<b>\$ 32,735.07</b>	<b>\$ 1,290.76</b>	<b>4.10%</b>			<b>\$ 33,952.50</b>	<b>\$ 1,217.43</b>	<b>3.72%</b>			<b>\$ 35,007.91</b>	<b>\$ 1,055.41</b>	<b>3.11%</b>

Loss Factor (%) 3.93%

3.93%

3.93%

Distribution Excluding Rate Riders

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.12	5,000	\$ 5,600.00	\$ 650.00	13.13%	\$ 1.24	5,000	\$ 6,200.00	\$ 600.00	10.71%	\$ 1.34	5,000	\$ 6,700.00	\$ 500.00	8.06%
Distribution Volumetric Rate	\$ 11.8498	375	\$ 4,443.68	\$ 492.26	12.46%	\$ 13.1228	375	\$ 4,921.05	\$ 477.38	10.74%	\$ 14.2801	375	\$ 5,355.04	\$ 433.99	8.82%
<b>"Regular" Distribution Only</b>			<b>\$ 10,043.68</b>	<b>\$ 1,142.26</b>	<b>12.83%</b>			<b>\$ 11,121.05</b>	<b>\$ 1,077.38</b>	<b>10.73%</b>			<b>\$ 12,055.04</b>	<b>\$ 933.99</b>	<b>8.40%</b>

Appendix 2-W  
Bill Impacts

Customer Class: **Unmetered Scattered Load**

Unmetered Scattered Load

TOU / non-TOU: **TOU**

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 11.5500	1	\$ 11.55	\$ 5.9600	1	\$ 5.96	-\$ 5.59	-48.40%	\$ 6.1700	1	\$ 6.17	\$ 0.21	3.52%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	per kWh \$ 0.0141	150	\$ 2.12	\$ 0.0119	150	\$ 1.79	-\$ 0.33	-15.60%	\$ 0.0123	150	\$ 1.85	\$ 0.06	3.36%
Rate Rider Tax Change (2015)	per kWh \$ 0.0001	150	\$ 0.02	\$ -	150	\$ -	\$ 0.02	-100.00%	\$ -	150	\$ -	\$ -	
LRAM VA (2016)	per kWh \$ -	150	\$ -	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	per kWh \$ -	150	\$ -	\$ 0.0002	150	\$ 0.03	\$ 0.03		\$ -	150	\$ -	-\$ 0.03	-100.00%
		150	\$ -		150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -		150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -		150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -		150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -		150	\$ -	\$ -			150	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 13.65			\$ 7.78	-\$ 5.88	-43.04%			\$ 8.02	\$ 0.24	3.09%
Deferral/Variance Account Disposition Rate Rider (2016)	per kWh \$ -	150	\$ -	\$ 0.0005	150	\$ 0.08	\$ 0.08		\$ -	150	\$ -	-\$ 0.08	-100.00%
Rate Rider CGAAP Account 1576 (2016)	per kWh \$ -	150	\$ -	-\$ 0.0013	150	\$ 0.20	-\$ 0.20		-\$ 0.0013	150	\$ 0.20	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	per kWh \$ 0.0156	0	\$ -	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	per kWh \$ -	150	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	per kWh \$ 0.0007	150	\$ 0.11	\$ 0.0012	150	\$ 0.18	\$ 0.08	71.43%	\$ 0.0012	150	\$ 0.18	\$ -	0.00%
Line Losses on Cost of Power	per kWh \$ 0.0950	5.16	\$ 0.49	\$ 0.0950	5.895	\$ 0.56	\$ 0.07	14.24%	\$ 0.0950	5.895	\$ 0.56	\$ -	0.00%
Smart Meter Entry Charge	Monthly \$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 14.25			\$ 8.40	-\$ 5.85	-41.07%			\$ 8.56	\$ 0.17	1.97%
RTSR - Network	per kWh \$ 0.0067	155	\$ 1.04	\$ 0.0071	156	\$ 1.11	\$ 0.07	6.47%	\$ 0.0071	156	\$ 1.11	\$ -	0.00%
RTSR - Line and Transformation Connection	per kWh \$ 0.0051	155	\$ 0.79	\$ 0.0056	156	\$ 0.87	\$ 0.08	10.32%	\$ 0.0056	156	\$ 0.87	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 16.08			\$ 10.37	-\$ 5.70	-35.46%			\$ 10.54	\$ 0.17	1.59%
Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0044	155	\$ 0.68	\$ 0.0044	156	\$ 0.69	\$ 0.00	0.47%	\$ 0.0044	156	\$ 0.69	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	155	\$ 0.20	\$ 0.0013	156	\$ 0.20	\$ 0.00	0.47%	\$ 0.0013	156	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	Monthly \$ 2.5000	1	\$ 2.25	\$ 2.5000	1	\$ 2.25	\$ -	0.00%	\$ 2.5000	1	\$ 2.25	\$ -	0.00%
Debt Retirement Charge (DRC)	per kWh \$ 0.0070	150	\$ 1.05	\$ 0.0070	150	\$ 1.05	\$ -	0.00%	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
TOU - Off Peak	per kWh \$ 0.0770	96	\$ 7.39	\$ 0.0770	96	\$ 7.39	\$ -	0.00%	\$ 0.0770	96	\$ 7.39	\$ -	0.00%
TOU - Mid Peak	per kWh \$ 0.1140	27	\$ 3.08	\$ 0.1140	27	\$ 3.08	\$ -	0.00%	\$ 0.1140	27	\$ 3.08	\$ -	0.00%
TOU - On Peak	per kWh \$ 0.1400	27	\$ 3.78	\$ 0.1400	27	\$ 3.78	\$ -	0.00%	\$ 0.1400	27	\$ 3.78	\$ -	0.00%
Energy - RPP - Tier 1	per kWh \$ 0.0880	150	\$ 13.20	\$ 0.0880	150	\$ 13.20	\$ -	0.00%	\$ 0.0880	150	\$ 13.20	\$ -	0.00%
Energy - RPP - Tier 2	per kWh \$ 0.1030	0	\$ -	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 32.51			\$ 26.81	-\$ 5.70	-17.52%			\$ 26.98	\$ 0.17	0.62%
HST	13%		\$ 4.23	13%		\$ 3.49	-\$ 0.74	-17.52%	13%		\$ 3.51	\$ 0.02	0.62%
<b>Total Bill (including HST)</b>			\$ 36.74			\$ 30.30	-\$ 6.44	-17.52%			\$ 30.49	\$ 0.19	0.62%
<b>Ontario Clean Energy Benefit <sup>1</sup></b>			-\$ 3.67			\$ -	\$ 3.67	-100.00%			\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 33.07			\$ 30.30	-\$ 2.77	-8.37%			\$ 30.49	\$ 0.19	0.62%
<b>Total Bill on RPP (before Taxes)</b>			\$ 31.46			\$ 25.76	-\$ 5.70	-18.11%			\$ 25.93	\$ 0.17	0.64%
HST	13%		\$ 4.09	13%		\$ 3.35	-\$ 0.74	-18.11%	13%		\$ 3.37	\$ 0.02	0.64%
<b>Total Bill (including HST)</b>			\$ 35.55			\$ 29.11	-\$ 6.44	-18.11%			\$ 29.30	\$ 0.19	0.64%
<b>Ontario Clean Energy Benefit <sup>1</sup></b>			-\$ 3.56			\$ -	\$ 3.56	-100.00%			\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 31.99			\$ 29.11	-\$ 2.88	-9.00%			\$ 29.30	\$ 0.19	0.64%

Loss Factor (%)		3.44%	3.93%	3.93%									
<b>Distribution Excluding Rate Riders</b>													
Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 11.5500	1	\$ 11.55	\$ 5.9600	1	\$ 5.96	-\$ 5.59	-48.40%	\$ 6.1700	1	\$ 6.17	\$ 0.21	3.52%
Distribution Volumetric Rate	per kWh \$ 0.0141	150	\$ 2.12	\$ 0.0119	150	\$ 1.79	-\$ 0.33	-15.60%	\$ 0.0123	150	\$ 1.85	\$ 0.06	3.36%
<b>"Regular" Distribution Only</b>			\$ 13.67			\$ 7.75	-\$ 5.92	-43.32%			\$ 8.02	\$ 0.27	3.49%

Customer Class: **Unmetered Scattered Load**  
 TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6.3600	1	\$ 6.36	\$ 0.19	3.08%	\$ 6.5400	1	\$ 6.54	\$ 0.18	2.83%	\$ 6.6900	1	\$ 6.69	\$ 0.15	2.29%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0126	150	\$ 1.89	\$ 0.05	2.44%	\$ 0.0130	150	\$ 1.95	\$ 0.06	3.17%	\$ 0.0132	150	\$ 1.98	\$ 0.03	1.54%
Rate Rider Tax Change (2015)	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
LRAM VA (2016)	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
		150	\$ -	\$ -			150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -	\$ -			150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -	\$ -			150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -	\$ -			150	\$ -	\$ -			150	\$ -	\$ -	
		150	\$ -	\$ -			150	\$ -	\$ -			150	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 8.25	\$ 0.23	2.93%			\$ 8.49	\$ 0.24	2.91%			\$ 8.67	\$ 0.18	2.12%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0013	150	-\$ 0.20	\$ -	0.00%	-\$ 0.0013	150	-\$ 0.20	\$ -	0.00%	-\$ 0.0013	150	-\$ 0.20	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -		\$ -	150	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	150	\$ 0.18	\$ -	0.00%	\$ 0.0012	150	\$ 0.18	\$ -	0.00%	\$ 0.0012	150	\$ 0.18	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	5,895	\$ 0.56	\$ -	0.00%	\$ 0.0950	5,895	\$ 0.56	\$ -	0.00%	\$ 0.0950	5,895	\$ 0.56	\$ -	0.00%
Smart Meter Entry Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 8.80	\$ 0.23	2.75%			\$ 9.04	\$ 0.24	2.73%			\$ 9.22	\$ 0.18	1.99%
RTSR - Network	\$ 0.0071	156	\$ 1.11	\$ -	0.00%	\$ 0.0071	156	\$ 1.11	\$ -	0.00%	\$ 0.0071	156	\$ 1.11	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	156	\$ 0.87	\$ -	0.00%	\$ 0.0056	156	\$ 0.87	\$ -	0.00%	\$ 0.0056	156	\$ 0.87	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 10.77	\$ 0.23	2.23%			\$ 11.01	\$ 0.24	2.23%			\$ 11.19	\$ 0.18	1.63%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	156	\$ 0.69	\$ -	0.00%	\$ 0.0044	156	\$ 0.69	\$ -	0.00%	\$ 0.0044	156	\$ 0.69	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	156	\$ 0.20	\$ -	0.00%	\$ 0.0013	156	\$ 0.20	\$ -	0.00%	\$ 0.0013	156	\$ 0.20	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	150	\$ 1.05	\$ -	0.00%	\$ 0.0070	150	\$ 1.05	\$ -	0.00%	\$ 0.0070	150	\$ 1.05	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	96	\$ 7.39	\$ -	0.00%	\$ 0.0770	96	\$ 7.39	\$ -	0.00%	\$ 0.0770	96	\$ 7.39	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	27	\$ 3.08	\$ -	0.00%	\$ 0.1140	27	\$ 3.08	\$ -	0.00%	\$ 0.1140	27	\$ 3.08	\$ -	0.00%
TOU - On Peak	\$ 0.1400	27	\$ 3.78	\$ -	0.00%	\$ 0.1400	27	\$ 3.78	\$ -	0.00%	\$ 0.1400	27	\$ 3.78	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	150	\$ 13.20	\$ -	0.00%	\$ 0.0880	150	\$ 13.20	\$ -	0.00%	\$ 0.0880	150	\$ 13.20	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -		\$ 0.1030	0	\$ -	\$ -	
<b>Total Bill on TOU (before Taxes)</b>			\$ 27.21	\$ 0.23	0.87%			\$ 27.45	\$ 0.24	0.88%			\$ 27.63	\$ 0.18	0.66%
HST	13%		\$ 3.54	\$ 0.03	0.87%	13%		\$ 3.57	\$ 0.03	0.88%	13%		\$ 3.59	\$ 0.02	0.66%
<b>Total Bill (including HST)</b>			\$ 30.75	\$ 0.27	0.87%			\$ 31.02	\$ 0.27	0.88%			\$ 31.23	\$ 0.20	0.66%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 30.75	\$ 0.27	0.87%			\$ 31.02	\$ 0.27	0.88%			\$ 31.23	\$ 0.20	0.66%
<b>Total Bill on RPP (before Taxes)</b>			\$ 26.16	\$ 0.23	0.91%			\$ 26.40	\$ 0.24	0.92%			\$ 26.58	\$ 0.18	0.68%
HST	13%		\$ 3.40	\$ 0.03	0.91%	13%		\$ 3.43	\$ 0.03	0.92%	13%		\$ 3.46	\$ 0.02	0.68%
<b>Total Bill (including HST)</b>			\$ 29.56	\$ 0.27	0.91%			\$ 29.84	\$ 0.27	0.92%			\$ 30.04	\$ 0.20	0.68%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 29.56	\$ 0.27	0.91%			\$ 29.84	\$ 0.27	0.92%			\$ 30.04	\$ 0.20	0.68%
<b>Loss Factor (%)</b>	3.93%			3.93%			3.93%			3.93%			3.93%		
<b>Distribution Excluding Rate Riders</b>	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6.3600	1	\$ 6.36	\$ 0.19	3.08%	\$ 6.5400	1	\$ 6.54	\$ 0.18	2.83%	\$ 6.6900	1	\$ 6.69	\$ 0.15	2.29%
Distribution Volumetric Rate	\$ 0.0126	150	\$ 1.89	\$ 0.05	2.44%	\$ 0.0130	150	\$ 1.95	\$ 0.06	3.17%	\$ 0.0132	150	\$ 1.98	\$ 0.03	1.54%
<b>"Regular" Distribution Only</b>			\$ 8.25	\$ 0.23	2.93%			\$ 8.49	\$ 0.24	2.91%			\$ 8.67	\$ 0.18	2.12%



Appendix 2-W  
Bill Impacts

Customer Class: **Unmetered Scattered Load** Unmetered Scattered Load  
 TOU / non-TOU: **TOU**

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

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 11.5500	1	\$ 11.55	\$ 5.9600	1	\$ 5.96	-\$ 5.59	-48.40%	\$ 6.1700	1	\$ 6.17	\$ 0.21	3.52%
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0141	750	\$ 10.58	\$ 0.0119	750	\$ 8.93	-\$ 1.65	-15.60%	\$ 0.0123	750	\$ 9.23	\$ 0.30	3.36%
Rate Rider Tax Change (2015)	-\$ 0.0001	750	-\$ 0.08	\$ -	750	\$ -	\$ 0.08	-100.00%	\$ -	750	\$ -	\$ -	
LRAM VA (2016)	\$ -	750	\$ -	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	750	\$ -	\$ 0.0002	750	\$ 0.15	\$ 0.15		\$ -	750	\$ -	-\$ 0.15	-100.00%
		750	\$ -		750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -		750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -		750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -		750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -		750	\$ -	\$ -			750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 22.05			\$ 15.04	-\$ 7.02	-31.81%			\$ 15.40	\$ 0.36	2.39%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	750	\$ -	\$ 0.0005	750	\$ 0.38	\$ 0.38		\$ -	750	\$ -	-\$ 0.38	-100.00%
Rate Rider CGAAP Account 1576 (2016)	\$ -	750	\$ -	-\$ 0.0013	750	-\$ 0.98	-\$ 0.98		-\$ 0.0013	750	-\$ 0.98	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ 0.0156	0	\$ -	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	750	\$ -	\$ 0.0137	0	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0007	750	\$ 0.53	\$ 0.0012	750	\$ 0.90	\$ 0.38	71.43%	\$ 0.0012	750	\$ 0.90	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	25.8	\$ 2.45	\$ 0.0950	29.475	\$ 2.80	\$ 0.35	14.24%	\$ 0.0950	29.475	\$ 2.80	\$ -	0.00%
Smart Meter Entity Charge	\$ -	1	\$ -	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 25.03			\$ 18.14	-\$ 6.89	-27.53%			\$ 18.12	-\$ 0.02	-0.08%
RTSR - Network	\$ 0.0067	776	\$ 5.20	\$ 0.0071	779	\$ 5.53	\$ 0.34	6.47%	\$ 0.0071	779	\$ 5.53	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0051	776	\$ 3.96	\$ 0.0056	779	\$ 4.37	\$ 0.41	10.32%	\$ 0.0056	779	\$ 4.37	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 34.18			\$ 28.03	-\$ 6.15	-17.98%			\$ 28.02	-\$ 0.02	-0.05%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	776	\$ 3.41	\$ 0.0044	779	\$ 3.43	\$ 0.02	0.47%	\$ 0.0044	779	\$ 3.43	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	776	\$ 1.01	\$ 0.0013	779	\$ 1.01	\$ 0.00	0.47%	\$ 0.0013	779	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	750	\$ 5.25	\$ 0.0070	750	\$ 5.25	\$ -	0.00%	\$ 0.0070	750	\$ 5.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	480	\$ 36.96	\$ 0.0770	480	\$ 36.96	\$ -	0.00%	\$ 0.0770	480	\$ 36.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	135	\$ 15.39	\$ 0.1140	135	\$ 15.39	\$ -	0.00%	\$ 0.1140	135	\$ 15.39	\$ -	0.00%
TOU - On Peak	\$ 0.1400	135	\$ 18.90	\$ 0.1400	135	\$ 18.90	\$ -	0.00%	\$ 0.1400	135	\$ 18.90	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	150	\$ 15.45	\$ 0.1030	150	\$ 15.45	\$ -	0.00%	\$ 0.1030	150	\$ 15.45	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 115.35			\$ 109.23	-\$ 6.13	-5.31%			\$ 109.21	-\$ 0.02	-0.01%
HST	13%		\$ 15.00	13%		\$ 14.20	-\$ 0.80	-5.31%	13%		\$ 14.20	-\$ 0.00	-0.01%
<b>Total Bill (including HST)</b>			\$ 130.35			\$ 123.43	-\$ 6.92	-5.31%			\$ 123.41	-\$ 0.02	-0.01%
<b>Ontario Clean Energy Benefit<sup>1</sup></b>			-\$ 13.03			\$ -	\$ 13.03	-100.00%			\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 117.32			\$ 123.43	\$ 6.11	5.21%			\$ 123.41	-\$ 0.02	-0.01%
<b>Total Bill on RPP (before Taxes)</b>			\$ 112.35			\$ 106.23	-\$ 6.13	-5.45%			\$ 106.21	-\$ 0.02	-0.01%
HST	13%		\$ 14.61	13%		\$ 13.81	-\$ 0.80	-5.45%	13%		\$ 13.81	-\$ 0.00	-0.01%
<b>Total Bill (including HST)</b>			\$ 126.96			\$ 120.04	-\$ 6.92	-5.45%			\$ 120.02	-\$ 0.02	-0.01%
<b>Ontario Clean Energy Benefit<sup>1</sup></b>			-\$ 12.70			\$ -	\$ 12.70	-100.00%			\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 114.26			\$ 120.04	\$ 5.78	5.06%			\$ 120.02	-\$ 0.02	-0.01%

Loss Factor (%)

Distribution Excluding Rate Riders

Charge Unit	2015 Current Board-Approved			2016 Test Year 1 Proposed			Impact 2016 TEST vs. 2015 Bridge		2017 Test Year 2 Proposed			Impact 2017 TEST 2 vs. 2016 Test 1	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 11.5500	1	\$ 11.55	\$ 5.9600	1	\$ 5.96	-\$ 5.59	-48.40%	\$ 6.1700	1	\$ 6.17	\$ 0.21	3.52%
Distribution Volumetric Rate	\$ 0.0141	750	\$ 10.58	\$ 0.0119	750	\$ 8.93	-\$ 1.65	-15.60%	\$ 0.0123	750	\$ 9.23	\$ 0.30	3.36%
<b>"Regular" Distribution Only</b>			\$ 22.13			\$ 14.89	-\$ 7.24	-32.72%			\$ 15.40	\$ 0.51	3.43%

Customer Class: **Unmetered Scattered Load**  
 TOU / non-TOU:

	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
	Monthly Service Charge	\$ 6.3600	1	\$ 6.36	\$ 0.19	3.08%	\$ 6.5400	1	\$ 6.54	\$ 0.18	2.83%	\$ 6.6900	1	\$ 6.69	\$ 0.15
Smart Meter (SMIRR) Rate Rider	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Smart Meters Capital (2016)	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Rate Rider Recovery of Stranded Meters	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
Distribution Volumetric Rate	\$ 0.0126	750	\$ 9.45	\$ 0.23	2.44%	\$ 0.0130	750	\$ 9.75	\$ 0.30	3.17%	\$ 0.0132	750	\$ 9.90	\$ 0.15	1.54%
Rate Rider Tax Change (2015)	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
LRAM VA (2016)	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Rate Rider Incremental Capital 2012 True-Up (2016)	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
		750	\$ -	\$ -			750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -	\$ -			750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -	\$ -			750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -	\$ -			750	\$ -	\$ -			750	\$ -	\$ -	
		750	\$ -	\$ -			750	\$ -	\$ -			750	\$ -	\$ -	
<b>Sub-Total A (excluding pass through)</b>			\$ 15.81	\$ 0.41	2.70%			\$ 16.29	\$ 0.48	3.04%			\$ 16.59	\$ 0.30	1.84%
Deferral/Variance Account Disposition Rate Rider (2016)	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Rate Rider CGAAP Account 1576 (2016)	-\$ 0.0013	750	-\$ 0.98	\$ -	0.00%	-\$ 0.0013	750	-\$ 0.98	\$ -	0.00%	-\$ 0.0013	750	-\$ 0.98	\$ -	0.00%
Disposition of Global Adjustment (2015) Applicable to Non-RPP Customers	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Disposition of Global Adjustment (2016) Applicable to Non-RPP Customers	\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -		\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	750	\$ 0.90	\$ -	0.00%	\$ 0.0012	750	\$ 0.90	\$ -	0.00%	\$ 0.0012	750	\$ 0.90	\$ -	0.00%
Line Losses on Cost of Power	\$ 0.0950	29.475	\$ 2.80	\$ -	0.00%	\$ 0.0950	29.475	\$ 2.80	\$ -	0.00%	\$ 0.0950	29.475	\$ 2.80	\$ -	0.00%
Smart Meter Entry Charge	\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -		\$ -	1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>			\$ 18.54	\$ 0.41	2.29%			\$ 19.02	\$ 0.48	2.59%			\$ 19.32	\$ 0.30	1.58%
RTSR - Network	\$ 0.0071	779	\$ 5.53	\$ -	0.00%	\$ 0.0071	779	\$ 5.53	\$ -	0.00%	\$ 0.0071	779	\$ 5.53	\$ -	0.00%
RTSR - Line and Transformation Connection	\$ 0.0056	779	\$ 4.37	\$ -	0.00%	\$ 0.0056	779	\$ 4.37	\$ -	0.00%	\$ 0.0056	779	\$ 4.37	\$ -	0.00%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>			\$ 28.43	\$ 0.41	1.48%			\$ 28.91	\$ 0.48	1.69%			\$ 29.21	\$ 0.30	1.04%
Wholesale Market Service Charge (WMSC)	\$ 0.0044	779	\$ 3.43	\$ -	0.00%	\$ 0.0044	779	\$ 3.43	\$ -	0.00%	\$ 0.0044	779	\$ 3.43	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	779	\$ 1.01	\$ -	0.00%	\$ 0.0013	779	\$ 1.01	\$ -	0.00%	\$ 0.0013	779	\$ 1.01	\$ -	0.00%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	750	\$ 5.25	\$ -	0.00%	\$ 0.0070	750	\$ 5.25	\$ -	0.00%	\$ 0.0070	750	\$ 5.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0770	480	\$ 36.96	\$ -	0.00%	\$ 0.0770	480	\$ 36.96	\$ -	0.00%	\$ 0.0770	480	\$ 36.96	\$ -	0.00%
TOU - Mid Peak	\$ 0.1140	135	\$ 15.39	\$ -	0.00%	\$ 0.1140	135	\$ 15.39	\$ -	0.00%	\$ 0.1140	135	\$ 15.39	\$ -	0.00%
TOU - On Peak	\$ 0.1400	135	\$ 18.90	\$ -	0.00%	\$ 0.1400	135	\$ 18.90	\$ -	0.00%	\$ 0.1400	135	\$ 18.90	\$ -	0.00%
Energy - RPP - Tier 1	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%	\$ 0.0880	600	\$ 52.80	\$ -	0.00%
Energy - RPP - Tier 2	\$ 0.1030	150	\$ 15.45	\$ -	0.00%	\$ 0.1030	150	\$ 15.45	\$ -	0.00%	\$ 0.1030	150	\$ 15.45	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>			\$ 109.63	\$ 0.42	0.38%			\$ 110.11	\$ 0.48	0.44%			\$ 110.41	\$ 0.30	0.27%
HST	13%		\$ 14.25	\$ 0.05	0.38%	13%		\$ 14.31	\$ 0.06	0.44%	13%		\$ 14.35	\$ 0.04	0.27%
<b>Total Bill (including HST)</b>			\$ 123.88	\$ 0.47	0.38%			\$ 124.42	\$ 0.54	0.44%			\$ 124.76	\$ 0.34	0.27%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on TOU (including OCEB)</b>			\$ 123.88	\$ 0.47	0.38%			\$ 124.42	\$ 0.54	0.44%			\$ 124.76	\$ 0.34	0.27%
<b>Total Bill on RPP (before Taxes)</b>			\$ 106.63	\$ 0.42	0.39%			\$ 107.11	\$ 0.48	0.45%			\$ 107.41	\$ 0.30	0.28%
HST	13%		\$ 13.86	\$ 0.05	0.39%	13%		\$ 13.92	\$ 0.06	0.45%	13%		\$ 13.96	\$ 0.04	0.28%
<b>Total Bill (including HST)</b>			\$ 120.49	\$ 0.47	0.39%			\$ 121.03	\$ 0.54	0.45%			\$ 121.37	\$ 0.34	0.28%
Ontario Clean Energy Benefit <sup>1</sup>			\$ -	\$ -				\$ -	\$ -				\$ -	\$ -	
<b>Total Bill on RPP (including OCEB)</b>			\$ 120.49	\$ 0.47	0.39%			\$ 121.03	\$ 0.54	0.45%			\$ 121.37	\$ 0.34	0.28%
<b>Loss Factor (%)</b>	3.93%			3.93%			3.93%			3.93%			3.93%		
<b>Distribution Excluding Rate Riders</b>	2018 Test Year 3 Proposed			Impact 2018 TEST 3 vs. 2017 Test 2		2019 Test Year 4 Proposed			Impact 2019 TEST 4 vs. 2018 Test 3		2020 Test Year 5 Proposed			Impact 2019 TEST 5 vs. 2019 Test 4	
	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6.3600	1	\$ 6.36	\$ 0.19	3.08%	\$ 6.5400	1	\$ 6.54	\$ 0.18	2.83%	\$ 6.6900	1	\$ 6.69	\$ 0.15	2.29%
Distribution Volumetric Rate	\$ 0.0126	750	\$ 9.45	\$ 0.23	2.44%	\$ 0.0130	750	\$ 9.75	\$ 0.30	3.17%	\$ 0.0132	750	\$ 9.90	\$ 0.15	1.54%
<b>"Regular" Distribution Only</b>			\$ 15.81	\$ 0.41	2.70%			\$ 16.29	\$ 0.48	3.04%			\$ 16.59	\$ 0.30	1.84%