



August 12, 2016

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street  
Suite 2700, P.O. Box 2319  
Toronto, ON M4P 1E4

Dear Ms. Walli:

**Re: 2017 4<sup>th</sup> Generation Incentive Rate-setting Application by Algoma Power Inc. to Adjust Electricity Distribution Rates & Rural and Remote Rate Protection Funding, Effective January 1, 2017; EB-2016-0055**

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Please find accompanying this letter, two copies of the 2017 IRM4 Electricity Distribution Rate Application for Algoma Power Inc.

Electronic copies of the Application and accompanying electronic files have been submitted via the Board's Regulatory Electronic Submission System.

Yours truly,

*Original Signed by*

Greg Beharriell  
Manager Regulatory Affairs

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**An Application**  
**By**  
**Algoma Power Inc.**  
**To Adjust**  
**Electricity Distribution Rates**  
**&**  
**Rural and Remote Rate Protection Funding**  
**Effective January 1, 2017**

**EB-2016-0055**

**Submitted: August 12, 2016**

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**ONTARIO ENERGY BOARD**

**IN THE MATTER OF** the *Ontario Energy Board Act, 1998, C. S.O. 1998, c.15 (Sched. B)*;

**AND IN THE MATTER OF** an Application by Algoma Power Inc. for an Order or Orders pursuant to Section 78 of the *Ontario Energy Board Act, 1998* approving or fixing just and reasonable rates, Rural and Remote Rate Protection funding and other service charges for the distribution of electricity.

**Application**

1. The applicant is Algoma Power Inc. (“API” or the “Applicant”), a wholly-owned subsidiary of FortisOntario Inc. (“FortisOntario”). The Applicant, an Ontario corporation with its head office in Sault Ste. Marie, Ontario carries on the business of owning and operating electricity distribution facilities in the Algoma District of Ontario; Electricity Distribution Licence #ED-2009-0072.
2. API hereby applies to the Ontario Energy Board (the “Board” or the “OEB”), pursuant to section 78 of the *Ontario Energy Board Act, 1998* as amended (the “OEB Act”) for an Order or Orders approving its proposed electricity distribution rates and other charges, effective January 1, 2017.
3. Effective January 1, 2016 in the matter of EB-2015-0051, the Board approved electricity distribution rates for API’s electricity distribution customers; a listing of the electricity distribution rates effective January 1, 2016 is provided in Schedule “A” attached hereto. The proposed tariff of rates and charges effective January 1, 2017 is provided in Schedule “B” attached hereto.

4. The Ontario Energy Board issued file number EB-2016-0055 to API in respect of a 2017 4<sup>th</sup> Generation Incentive Rate-Setting (“2017 4<sup>th</sup> IR”) application.
5. This application has been prepared in a manner to facilitate the Board’s expectation expressed in its Order and Decision in the matter of EB-2009-0278 in respect of the Rural and Remote Rate Protection (“RRRP”) factor with an annual change in distribution rates and RRRP funding. And, to apply the principles of incentive regulation.
6. The persons affected by this Application are the ratepayers of API’s service territory. It is impractical to set out their names and addresses because they are too numerous.
7. API recommends that any Notice of Application be published in the Sault Star, a paid local newspaper with a circulation of approximately 10,000. The Sault Star has the greatest readership in the service territory.
8. As signatory to this Application, I, R. Scott Hawkes, Vice President, Corporate Services and General Counsel do certify that the evidence filed in this Application is accurate, consistent and complete to the best of my knowledge.

**All of Which is Respectfully Submitted**

API's contact information for this Application is as follows:

The Applicant:

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The Applicant's counsel:

Mr. R. Scott Hawkes  
Vice President, Corporate Services and General Counsel  
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Email Address: scott.hawkes@fortisontario.com

DATED at Fort Erie, Ontario this 12th day of August, 2016.

ALGOMA POWER INC.

By its counsel,



R. Scott Hawkes

## **Preamble**

On November 11, 2010, the Ontario Energy Board (the “Board”) issued its Decision and Order in the matter of EB-2009-0278; an application by Algoma Power Inc. (“API”) for an order approving just and reasonable rates and other charges for the distribution of electricity to be effective July 1, 2010 and January 1, 2011.

A key aspect of the Decision and Order in EB-2009-0278 was the Board’s stated intention to calculate a Rural and Remote Rate Protection factor annually for API in order to calculate the annual change in distribution rates and RRRP funding. In its findings the Board stated,

*“The Board intends to calculate an RRRP adjustment factor annually for Algoma Power, with rates and the RRRP amount for the rate year affected accordingly. Every year the Board will communicate the RRRP adjustment factor to Algoma Power to ensure that it is reflected in Algoma Power’s rates application. Should Algoma Power not file either an IRM or a cost of service application, the Board will on its own motion initiate a proceeding in this regard.”<sup>1</sup>*

In that context, API filed its first incentive regulation (“IR”) application, EB-2011-0152, which proposed a form of IR that combines aspects of the Incentive Regulation Mechanism (“IRM”) with the adjustment of electricity distribution rates contemplated in O. Reg. 442/01. The Board issued its final Decision and Order in the matter of EB-2011-0152 on March 6, 2012.

This Application is consistent with the Board’s Decisions in the matter of EB-2009-0278 and in the matter of EB-2011-0152. In preparing this Application, API has complied with Chapter 3, Incentive Rate-Setting Applications, of the Board’s Filing Requirements for Distribution Rate Applications – 2016 Edition for 2017 Rate Applications, dated July 14, 2016, (“Filing Requirements”), subject to certain modifications as noted below.

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<sup>1</sup> Decision and Order, EB-2009-0278, dated November 11, 2010, page 8



Notes and Confirmations with Respect to Filing Requirements

1. Section 3.1.4 of the Filing Requirements requires an applicant to advise the OEB of any concerns regarding calculations flowing from the models as well as any changes that the applicant may have made to the models to address its own circumstances. By way of email dated July 22, 2016, API advised Board Staff that the several unique aspects of its rate design process in the context of RRRP and the inclusion of a Seasonal class were incompatible with the OEB-issued IRM models. Through subsequent discussion, API and Board Staff agreed to the following approach:
  - a. API would file a custom rate design model, similar to that filed in prior IRM applications.
  - b. API would use the RTSR and DVA continuity schedule models for cost of service filers.
  - c. Given there are no known legislated tax changes and API's rates were set with a 26.5% tax rate, there would be no need to calculate a shared tax savings amounts.
  - d. API would create a bill impact model based on the format of Appendix 2-W of the 2016 Chapter 2 appendices, as well as a tariff sheet in an Excel format.
2. API confirms that this Application does not request recovery in relation to a z-factor claim, ICM/ACM modules, or disposition of the LRAMVA.
3. API confirms that 2016 IRM rate setting parameters, as well as the 2016 RRRP adjustment factor have been used as placeholders in preparation of the Application. API acknowledges that the OEB is expected to update these items during the course of the proceeding and that the updated values are to be used in the submission of its final rate design model.
4. API confirms that transitioning to fully fixed rates for its Residential and Seasonal rate classes will take longer than the standard four year implementation period in order to comply with Board policy with respect to a maximum \$4 annual transition, and expectations with regard to mitigation for low-volume customers. This issue is discussed further in the Decoupling section of the Manager's Summary below.

## API Customer Classifications

API has four customer classifications:

### **i. Residential Service Classification**

For the purposes of rates and charges, a residential service is defined in two ways:

- i) a dwelling occupied as a residence continuously for at least eight months of the year and, where the residential premises is located on a farm, includes other farm premises associated with the residential electricity meter, and
- ii) consumers who are treated as residential-rate class customers under Ontario Regulation 445/07 (Reclassifying Certain Classes of Consumers as Residential-Rate Class Customers: Section 78 of the *Ontario Energy Board Act, 1998*) made under the *Ontario Energy Board Act, 1998*.

#### **RESIDENTIAL – R1**

- This classification refers to a Residential service with a demand of less than, or is forecast to be less than, 50 kilowatts, and which is billed on an energy basis.

#### **RESIDENTIAL – R2**

- This classification refers to a Residential service with a demand equal to or greater than, or is forecast to be equal to or greater than, 50 kilowatts, and which is billed on a demand basis.

### **ii. Seasonal Customer Service Classification**

This classification includes all services supplied to single-family dwelling units for domestic purposes, which are occupied on a seasonal/intermittent basis. A service is defined as Seasonal if occupancy is for a period of less than eight months of the year.

### **iii. Street Lighting Service Classification**

This classification refers to an account for roadway lighting. The consumption for these unmetered accounts will be based on the calculated connection load times the calculated hours of use established in the approved OEB street lighting load shape template.

### **iv. microFIT Generator Service Classification**

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

Price cap adjustment and the adjustment of electricity distribution rates contemplated in O. Reg. 442/01 do not apply to the microFIT Generator Service Classification.

API's electricity distribution rates for Residential Service Classification (both Residential R – 1 and Residential R – 2) are adjusted in accordance with O. Reg. 442/01. The electricity distribution rates for these classes are adjusted in line with the average of rate adjustments of select rate classes of other distributors in the most recent rate orders, as calculated by the Board; the RRRP adjustment Factor. API acknowledges that the Board will determine the actual RRRP adjustment factor for 2017 electricity distribution rates in due course. For purposes of presenting a RRRP adjustment factor for 2017, API is estimating a value of 1.80% in this Application.

The electricity distribution rates for the Seasonal Customer Service Classification and the Street Lighting Service Classification are not subject to the restrictions of O. Reg. 442/01 and will be determined in a manner consistent with a price cap form of incentive regulation.

On April 2, 2015, the Board issued the Board Policy, "A New Residential Rate Design for Residential Electricity Customers"; EB-2012-0410. Under this policy, electricity distributors are to structure residential rates so that all the costs for distribution service are collected through a fixed monthly charge. Due to the manner in which the Residential customer class is structured at API specific measures have been taken in this Application in order to comply with this policy; this is addressed in detail in this Application. API has continued to apply this policy to its Seasonal rate class, in accordance with the Board's findings in API's 2016 IRM application.<sup>2</sup>

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<sup>2</sup> Decision and Order, EB-2015-0051, dated December 10, 2015, page 11

## **Manager's Summary**

In determining a price cap adjustment for the customer classes at API, two governing principles have to be considered:

1. The rates for Residential Service Classification (both Residential R – 1 and Residential R – 2) are adjusted in accordance with O. Reg. 442/01, as determined by the Board. The adjustment will be applied to the Monthly Service Charge and Distribution Volumetric Rate.
2. The rates for customer classifications that are not adjusted in accordance with O. Reg. 442/01 (Seasonal and Street Light customer classifications) are adjusted by the price cap adjustment index determined as the annual percentage change in inflation less the X-Factor.

API's 2017 rate adjustment application has to accommodate both of these considerations and therefore the conventional rate generating models produced by the Board are not suitable. API has used an electronic model in EXCEL format to generate 2017 electricity distribution rates; this model accompanies this Application as Schedule "C".

## **Elements of the Application**

In this 2017 4<sup>th</sup> Generation Incentive Rate-setting Application, API has included discussion of:

- The annual price cap index and 2017 rate design,
- Residential Distribution Rate Revenue Decoupling,
- Tax changes,
- Deferral and Variance Account disposition,
- Retail Transmission Service Rate adjustment, and
- LRAM variance account.

API is not including a Z-factor claim or an ICM/ACM recovery request.

**Annual Price Cap Index Adjustment and 2016 Rate Design**

In API's 2015 cost of service proceeding, EB-2014-0055, the Board approved the following revenue to cost ratios and distribution of class revenues as the basis of the electricity distribution rates effective January 1, 2015.

**Table 1**

<b>EB-2014-0055 Target Revenue to Cost Ratios</b>						
	<b>Allocation of Revenue Requirement Including Net Income</b>	<b>Misc. Revenue</b>	<b>Allocation of Distribution Revenue Requirement Including Net Income</b>	<b>Distribution Revenue at Status Quo Equivalent Rates</b>	<b>Target Revenue to Cost Ratio</b>	<b>Adjusted Distribution Revenue to Achieve Target Revenue to Cost Ratios</b>
Residential - R1	15,134,936	292,845	14,842,091	16,601,471	110.63%	16,451,085
Residential - R2	3,731,937	75,827	3,656,111	4,093,854	110.74%	4,056,974
Seasonal	3,719,751	79,308	3,640,443	1,965,214	60.00%	2,152,542
Street Lighting	696,314	18,778	677,536	155,642	25.04%	155,579
	23,282,938	466,758	22,816,181	22,816,181		22,816,181

Further, the Board directed API to increase the revenue to cost ratios of the Seasonal and Street Lighting customer classes as defined in the table below.

**Table 2**

<b>Future Revenue to Cost Ratio Design Criteria - EB-2014-0055</b>					
	2015	2016	2017	2018	2019
Residential - R1	110.63%	Beneficiary			
Residential - R2	110.74%	Beneficiary			
Seasonal	60.00%	66.00%	72.00%	78.00%	85.00%
Street Lighting	25.04%	10% Total Bill Impact			

The revenue to cost ratio for the Seasonal class is set to increase in increments each year while the Street Lighting class will increase annually by a measure limited by the total bill impact for that class. Annual incremental increases will cease once the class has reached the lower threshold of the Board's policy guideline.

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The following two tables show the Board accepted rate design for the electricity distribution rates effective January 1, 2015.

**Table 3**

**Accepted Residential R1 & R2 2015 Electricity Distribution Rates and RRRP Funding - EB-2014-0055**

2015 Distribution Base Rate Determinations											
Customer Class	Metric	Average # of Customers	Billing Determinant		F/V Split		Distribution Rates		Revenues		
			kWh	kW	Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
Residential - R1	kWh	8496	105,791,701		13.6%	86.4%	22.02	0.1343	2,245,034	14,206,051	16,451,085
Residential - R2	kW	50		198,901	12.0%	88.0%	812.05	17.9473	487,230	3,569,744	4,056,974
									2,732,264	17,775,795	20,508,059
<b>The Accepted 2015 Application of Rate Indexing Methodology</b>											
Delivery Charges Indexed by Simple Average of Other LDC Increases in Current Year											
Simple Average Increase in Delivery Charge for 2015 using the 2014 Board Approved RRRP Adjustment Factor										0.79%	
Customer Class	Metric	Average # of Customers	Billing Determinant		F/V Split		Distribution Rates		Revenues		
			kWh	kW	Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
Residential - R1	kWh	8496	105,791,701		40.7%	59.3%	23.34	0.0328	2,379,862	3,465,392	5,845,254
Residential - R2	kW	50		198,901	36.8%	63.2%	600.83	3.1131	360,498	619,199	979,696
Transformer Ownership Allowance - Allocated to the Residential - R2 class										74,096	74,096
The Rural and Remote Rate Protection Amount Required for 2015 (EB-2014-0055)											\$ 13,757,205

**Table 4**

**Accepted Seasonal and Street Lighting Distribution Rates - EB-2014-0055**

2015 Distribution Base Rate Determination											
Customer Class	Metric	Average # of Customers	Billing Determinant		F/V Split		Distribution Rates		Revenues		
			kWh	kW	Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
Seasonal	kWh	3138	7,731,414		47.5%	52.5%	27.15	0.1462	1,022,458	1,130,085	2,152,542
Street Lighting	kWh	1018	804,705		8.6%	91.4%	1.10	0.1767	13,380	142,199	155,579
									1,035,837	1,272,284	2,308,121

The first step in the Annual Price Cap Index Adjustment and 2017 Rate Design is to adjust the revenue to cost ratios of the classes to comply with the direction of the Board in the matter of EB-2014-0055. Table 5 shows the re-distributed class revenues required to achieve a revenue to cost ratio of 72% for the Seasonal customer class as stipulated in Table 2 and an adjustment to the Street Lighting customer class which results in a total bill impact of not more than 10% inclusive of other rate changes in effect for January 1, 2017.

**Table 5**

<b>2017 Proposed Revenue to Cost Ratios - EB-2016-0055 Applied to 2015 Approved Revenue Requirement</b>						
	Allocation of Revenue Requirement Including Net Income	Misc. Revenue	Allocation of Distribution Revenue Requirement Including Net Income	Distribution Revenue at Status Quo Equivalent Rates	Target Revenue to Cost Ratio	Adjusted Distribution Revenue to Achieve Target Revenue to Cost Ratios
Residential - R1	15,134,936	292,845	14,842,091	16,601,471	108.03%	16,057,523
Residential - R2	3,731,937	75,827	3,656,111	4,093,854	108.02%	3,955,513
Seasonal	3,719,751	79,308	3,640,443	1,965,214	72.00%	2,598,913
Street Lighting	696,314	18,778	677,536	155,642	32.03%	204,232
	23,282,938	466,758	22,816,181	22,816,181		22,816,181

Table 6 shows the determination of the equivalent electricity distribution rates for the re-allocated class revenue shares provided in Table 5. The overall revenue and fixed/variable splits are the same as that accepted in EB-2014-0055. Equivalent electricity distribution rates are those rates required to recover the full revenue requirement in the absence of RRRP funding.

**Table 6**

<b>Equivalent Distribution Rates Required to Recover the Proposed 2015 Base Revenue Requirement at the Proposed 2017 Revenue to Cost Ratios Excluding Transformer Ownership Allowance</b>												
<b>2017 Proposed Equivalent Electricity Distribution Rates</b>												
Customer Class	Metric	Average # of Customers	Billing Determinant		F/V Split		Distribution Rates		Revenues			Reconciliation
			kWh	kW	Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue	
Residential - R1	kWh	8496	105,791,701		13.6%	86.4%	21.49	0.1311	2,191,325	13,866,197	16,057,523	-
Residential - R2	kW	50		198,901	12.0%	88.0%	791.74	17.4985	475,045	3,480,468	3,955,513	-
Seasonal	kWh	3138	7,731,414		43.8%	56.2%	30.20	0.1891	1,137,190	1,461,723	2,598,913	-
Street Lighting	kWh	1018	804,705		0.0%	100.0%	-	0.2538	-	204,232	204,232	-
									<b>3,803,560</b>	<b>19,012,621</b>	<b>22,816,181</b>	-

Note that the Total Revenue remains at \$22,816,181, as accepted in EB-2014-0055. Only the Class Shares have changed as a result of the proposed 2017 revenue to cost ratios. The fixed/variable splits are the same as accepted in EB-2014-0055.

Table 7a shows the final price cap index for 2016 electricity distribution rates, while Table 7b provides the estimated price cap index for 2017 rates being used by API in this Application. API acknowledges that the Board is expected to provide updated values for the 2017 factors.

**Table 7a**

**EB-2015-0051 Final Price Cap for 2016  
 Electricity Distribution Rates**

Price Cap Metric	Status	Value
Inflation Factor	Final	2.10%
Productivity Factor	Final	0.00%
Stretch Factor	Assigned	<u>0.60%</u>
Price Index	Calculated	1.50%

**Table 7b**

**EB-2016-0055 Price Cap for 2017  
 Electricity Distribution Rates**

Price Cap Metric	Status	Value
Inflation Factor	Estimated	2.10%
Productivity Factor	Estimated	0.00%
Stretch Factor	Estimated	<u>0.60%</u>
Price Index	Calculated	1.50%

Tables 8a outlines the application of the 2016 price cap index to the 2015 class revenue shares following the previously described adjustments to the revenue to cost ratios. Table 8b then applies the 2017 price cap index to determine the overall revenue requirement for 2017 and facilitate the calculation of the RRRP funding requirement for 2017.

**Table 8a**

<b>IRM Indexed Revenue Requirement for 2016                      Using the Actual 2016 Price Cap                      Excluding Transformer Ownership Allowance</b>			
Customer Class	Revenues		
	Fixed	Variable	Total Revenue
Residential - R1	2,224,195	14,074,190	16,298,385
Residential - R2	482,171	3,532,675	4,014,846
Seasonal	1,154,248	1,483,649	2,637,897
Street Lighting	-	207,295	207,295
	<b>3,860,613</b>	<b>19,297,810</b>	<b>23,158,423</b>

**Table 8b**

<b>IRM Indexed Revenue Requirement for 2017                      Using the Estimated 2016 Price Cap                      Excluding Transformer Ownership Allowance</b>			
Customer Class	Revenues		
	Fixed	Variable	Total Revenue
Residential - R1	2,257,558	14,285,303	16,542,861
Residential - R2	489,403	3,585,665	4,075,068
Seasonal	1,171,561	1,505,904	2,677,465
Street Lighting	-	210,405	210,405
	<b>3,918,523</b>	<b>19,587,277</b>	<b>23,505,800</b>

Note that the 2015 Equivalent Class Revenues are indexed using the 2016 and 2017 Price Cap indices following the changes to the Revenue to Cost Ratios. This step is necessary to determine the overall revenue requirement for 2017 before the RRRP Adjustment Factor is applied.

In the following exhibit, Table 9, the approved electricity distribution rates for the Residential – R1 and Residential – R2 customers classes have been indexed by the estimated RRRP Adjustment



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Factor for 2017; 1.80%. This approach is consistent with O. Reg. 442/01 and past Board decisions in this matter. API's R1 Class has been segregated into two subclasses, as outlined under the "API Customer Classifications" heading in the Preamble to this Application. This segregation was required in API's 2016 IRM Application (EB-2015-0051), in order to appropriately comply with the Board's policy in relation to transition to fully fixed distribution rates for residential customers. To accomplish this split, API utilized its 2014 actual sales data and scaled that data, proportionately, to the customer and load data accepted in EB-2014-0055; API's last cost of service proceeding.

The 2017 calculated revenue from the Residential classes is then compared with the 2015 revenue requirement allocated to these two classes following the revenue to cost ratio adjustment and the application of the 2016 and 2017 price cap indices. The difference between the revenue calculated from RRRP-adjusted rates, and the Residential revenue requirement adjusted by the price cap indices, is the RRRP funding required for 2017.

The 2017 revenue requirement allocated to these two classes is \$20,617,930; the sum of \$16,542,861 and \$4,075,068 from Table 8b. The revenue recoverable through rates is derived using the 2016 approved rates indexed by the 2017 RRRP Adjustment factor. The difference is compensated in the RRRP funding amount.

**Table 9**

**Determination of Residential R1 & R2 2016 Electricity Distribution Rates and RRRP Funding**

Indexed Revenues Allocated to the Residential R1 & R2 Classes for 2017

**\$ 20,617,930**

2017 Application of Rate Indexing Methodology											
Delivery Charges Indexed by Simple Average of Other LDC Increases in Current Year											
Simple Average Increase in Delivery Charge for 2017 using the 2016 Board Calculated RRRP Adjustment Factor											1.80%
Customer Class	Metric	Average # of Customers	Billing Determinant		F/V Split		Distribution Rates		Revenues		
			kWh	kW	Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
Residential - R1 (i)	kWh	7531	80,045,884		52.1%	47.9%	28.26	0.0293	2,553,884	2,346,817	4,900,701
Residential - R1 (ii)	kWh	965	25,745,817		24.2%	75.8%	24.19	0.0340	280,093	875,389	1,155,482
Residential - R2	kW	50		198,901	36.8%	63.2%	622.65	3.2261	373,590	641,683	1,015,273
Transformer Ownership Allowance - Allocated to the Residential - R2 class										74,096	74,096
The Rural and Remote Rate Protection Amount Required for 2016											<b>\$ 13,620,570</b>

The following exhibit, Table 10, provides the calculation of the Seasonal and Street Lighting class electricity distribution rates for 2017 following the revenue to cost ratio adjustment and the application of the 2017 price cap index using the customer and load information accepted in EB-2014-0055.

**Table 10**

**Determination of Seasonal and Street Lighting Distribution Rates**

2017 Distribution Base Rate Determination for Non-RRRP Rate Classes										
Customer Class	Metric	Average # of Customers	kWh	F/V Split		Distribution Rates		Revenues		
				Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
Seasonal	kWh	3138	7,731,414	53.8%	46.2%	38.25	0.1600	1,440,476	1,236,989	2,677,465
Street Lighting	kWh	1018	804,705	8.6%	91.4%	1.48	0.2390	18,095	192,310	210,405
								<b>1,458,571</b>	<b>1,429,299</b>	<b>2,887,870</b>

**Decoupling – R1, subclass (i)**

On April 2, 2015, the Board issued the Board Policy, “A New Residential Rate Design for Residential Electricity Customers”; EB-2012-0410. Under this policy, electricity distributors are to structure residential rates so that all the costs for distribution service are collected through a fixed monthly charge. As described above, the segregation of API’s R1 class into two subclasses of customers was required in EB-2015-0051 in order to comply with this policy.

In Table 11, following, in the first section shows the data associated with the complete Residential – R1 customer class following changes to the revenue to cost ratio discussed earlier and application of the 2016 and 2017 price cap indices discussed earlier, and as found in Table 9.

**Table 11**

**Revenue Decoupling for the Residential Rate Class - 2nd Increment  
 EB-2016-0055**

Rate Class	Customers/ Connections		Test Year Consumption	Proposed Rates			Proposed Revenues			Existing Split	
		Average number of Customers		Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
			kWh		kWh	kW	\$	\$	\$		
R1 (i)	Customers	7,531	80,045,884	\$ 28.26	\$ 0.0293		2,553,884	2,346,817	4,900,701	52.1%	47.9%
R1 (ii)	Customers	965	25,745,817	\$ 24.19	\$ 0.0340		280,093	875,389	1,155,482	24.2%	75.8%
Total R1	Customers	8,496	105,791,701				2,833,977	3,222,206	6,056,183	46.8%	53.2%

**Residential Decoupling - R1 (i)**

	2017	2018	2019	2020	2021	2022	2023
Current Monthly Service Charge (post IRM adjustment)	\$ 28.26	\$ 32.26	\$ 36.26	\$ 40.26	\$ 44.26	\$ 48.26	\$ 52.26
Monthly Service Charge to Achieve 100% Recovery	\$ 54.23						
Monthly Service Charge Increment	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 1.97
Proposed Monthly Service Charge	\$ 32.26	\$ 36.26	\$ 40.26	\$ 44.26	\$ 48.26	\$ 52.26	\$ 54.23

**Decoupled Residential Rates**

Rate Class	Customers/ Connections		Test Year Consumption	Proposed Rates			Proposed Revenues			F/V Split	
		Average number of Customers		Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
			kWh		kWh	kW	\$	\$	\$		
R1 (i)	Customers	7,531	80,045,884	\$ 32.26	\$ 0.0248		2,915,372	1,985,329	4,900,701	59.5%	40.5%

The section of Table 11 described as Residential Decoupling, follows the guidelines related to the Board's Policy for transition to fully fixed rates, and is consistent with the Board's findings in API's 2016 IRM application, that found API's proposal to limit the annual fixed rate increases to \$4 and complete the transition over 8 years was reasonable.<sup>3</sup> The resultant rate design for API's R1 (i) subclass is shown in the lower section of Table 11.

API has determined, based on 2015 data, that 10% of its residential customers consume 294 kWh or less on a monthly basis. To determine this level of consumption at the tenth percentile, API used a full data set of all customers with a complete twelve month billing cycle for the period of January 1 to December 31, 2015. This data set was exported from API's billing system to an Excel format and sorted on the basis of the total consumption for the year in descending order. Using Excel's percentile function, the twelve month consumption at the tenth percentile was 3529.045 kWh per year or 294 kWh per month. As noted in Schedule "D", the total bill impact

<sup>3</sup> Decision and Order, EB-2015-0051, dated December 10, 2015, page 10

at the 10<sup>th</sup> percentile consumption of 294 kWh for a residential customer is \$2.41, or 2.7%, and as a result, API has not proposed any form of bill impact mitigation for the residential class.

### **Decoupling – Seasonal**

The following Table 12 applies the Board’s Policy for transition to fully fixed rates to the rate design for API’s Seasonal class in the context of the current Application. API has determined, based on 2015 data, that 10% of its seasonal customers consume 17 KWh or less on a monthly basis. To determine this level of consumption at the tenth percentile, API used a full data set of all customers with a complete twelve month billing cycle for the period of January 1 to December 31, 2015. This data set was exported from API’s billing system to an Excel format and sorted on the basis of the total consumption for the year in descending order. Using Excel’s percentile function, the twelve month consumption at the tenth percentile was 205.27 kWh per year or 17 kWh per month. As noted in Schedule “D”, the total bill impact at 50 kWh<sup>4</sup> for a seasonal customer is \$4.57, or 7.41%, and as a result, API has not proposed any form of bill impact mitigation for the seasonal class.

In its Decision and Order in the matter of EB-2015-0051, the Board found that:

“Algoma Power shall apply the rate design policy to its Seasonal customer class and transition to a fully fixed rate over a nine year period; eight years at \$4, and the residual increase over the ninth year”<sup>5</sup>

During the course of preparing the current Application however, API has become aware of two issues that will impact the length of the transition period for its Seasonal class. The first issue is that the revenue to cost ratio adjustments and price cap adjustments that will be applicable to API’s 2018 and 2019 IRM applications will cause the value of the “Monthly Service Charge to Achieve 100% Recovery” to increase at a rate that is approximately double the \$4 per year adjustment (to exemplify this point, the value of \$71.10 indicated in Table 12 below started at a value of \$63.72 in API’s 2016 IRM Application). As a result, each of the next IRM applications will add to the length of the transition period, assuming a \$4 maximum annual transition. The second issue is that the total bill impacts resulting from the application of the \$4 increase have

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<sup>4</sup> In accordance with the Filing Requirements, API has calculated the bill impact at the 10<sup>th</sup> percentile to a minimum of 50 kWh per month.

<sup>5</sup> Decision and Order, EB-2015-0051, dated December 10, 2015, page 11

been generally limited to less than 10% in 2016 and 2017 simply due to coincidental offsetting decreases resulting from changes to other rates and charges such as rate riders and RTSR's. In the absence of such offsetting decreases in 2018 and 2019, API anticipates that mitigation will be required in those years to limit the total bill impact for customers at the 10<sup>th</sup> percentile level of consumption. This mitigation would likely be in the form of lower increases to the fixed monthly rate, and consequently a further lengthened transition period.

The purpose of identifying the future transition issues above is simply to make the Board aware that API will likely be unable to comply with the nine year transition period identified in the Board's EB-2015-0051 Decision. API submits that complying with the terms of the EB-2014-0055 Settlement Agreement with respect to transition of Seasonal revenue to cost ratios, as well as limiting the annual decoupling adjustment to the greater of the \$4 annual cap or the 10% total bill impact threshold for low-volume customers, should take precedence over the length of time required to achieve fully fixed monthly service charges. Accordingly, for the purpose of establishing Seasonal rates in the context of the current Application, API proposes to implement the 2017 rates as illustrated in Table 12 below.

**Table 12**

**Revenue Decoupling for the Seasonal Rate Class - 2nd Increment  
 EB-2016-0055**

Rate Class	Customers/ Connections		Test Year Consumption		Proposed Rates			Proposed Revenues			Existing Split	
		Average Customers	kWh	kW	Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
						kWh	kW					
Seasonal	Customers	3,138	7,731,414		\$ 38.25	\$ 0.1600		1,440,476	1,236,989	2,677,465	53.8%	46.2%

**Seasonal Decoupling**

Current Monthly Service Charge (post IRM adjustment) \$ 38.25  
 Monthly Service Charge to Achieve 100% Recovery \$ 71.10  
 Monthly Service Charge Increment \$ 4.00  
 Proposed Monthly Service Charge \$ 42.25

**2017 Proposed Seasonal Rates**

Rate Class	Customers/ Connections		Test Year Consumption		Proposed Rates			Proposed Revenues			F/V Split	
		Average Customers	kWh	kW	Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
						kWh	kW					
Seasonal	Customers	3,138	7,731,414		\$ 42.25	\$ 0.1405		1,590,966	1,086,499	2,677,465	59.4%	40.6%

**Rate Design Model**

The methodology proposed to accomplish the revenue to cost ratio changes, price cap adjustment rate design and decoupling described above is provided in Schedule “C” attached. A live Excel version of the Rate Design model also accompanies this Application.

**Changes in Provincial and Federal Income Tax Rates**

In API’s most recent cost of service electricity distribution rate application, EB-2014-0055, the Board approved recovery for federal and provincial income taxes in the rate requirement. The corporate tax rate used in this determination was 26.5%.

There is no known legislated tax changes that will apply to the tax level reflected in the Board approved base rates determined in API’s most recent cost of service review. Therefore, API is not applying for a tax change rate rider in this Application.

API's combined income tax rate of 26.5% does not reflect the Ontario Small Business Deduction ("OSBD"). API is a wholly-owned subsidiary of FortisOntario Inc. which is a wholly-owned by Fortis Inc. Fortis Inc.'s shares are listed on the Toronto Stock Exchange and traded under the symbol FTS and thus, Fortis Inc. is considered a public corporation under the Income Tax Act. API is considered a corporation controlled by a public corporation under the Income Tax Act. API is not considered a Canadian-controlled private corporation (CCPC) because it is owned indirectly by a public corporation. To be eligible for the OSBD a corporation must be a CCPC. API does not qualify for the OSBD.

### **Retail Transmission Service Rates**

API has proposed Retail Transmission Service Rates ("RTSR") compliant with the Board's Guideline G-2008-0001, Revision 4.0, and dated June 28, 2012. The 2017 RTSR Workform for Electricity Distributors Version 1.1 accompanies this Application; a print version of the Workform is provided in Schedule "E" to this Application. In consideration of the unique requirements of API's rate setting and in conjunction with consultation with the OEB, API has completed the 2017 CoS RTSR model in place of the RTSR tabs within the 2017 IRM Rate Generator model.

The proposed RTSR effective January 1, 2017 are shown below.

Service Classification	2016 Board Approved	2017 Proposed	UOM
<u>Residential - R1</u>			
Retail Transmission Rate - Network Service Rate	0.0070	0.0066	per kWh
Retail Transmission Rate - Line and Connection Service Rate	0.0051	0.0050	per kWh
<u>Residential - R2</u>			
Retail Transmission Rate - Network Service Rate	2.6924	2.5251	per kW
Retail Transmission Rate - Line and Connection Service Rate	1.9084	1.8871	per kW
<u>Seasonal</u>			
Retail Transmission Rate - Network Service Rate	0.0070	0.0066	per kWh
Retail Transmission Rate - Line and Connection Service Rate	0.0051	0.0050	per kWh
<u>Street Lighting</u>			
Retail Transmission Rate - Network Service Rate	1.9496	1.8284	per kW
Retail Transmission Rate - Line and Connection Service Rate	1.3767	1.3613	per kW

### **Review and Disposition of Group 1 Deferral and Variance Accounts**

In consideration of the unique requirements of API's rate setting and in conjunction with consultation with the OEB, API has filed a partially completed 2017 Cost of Service Deferral and Variance Account ("CoS DVA") Work Form and a live Excel workbook, API\_2017\_DVA\_Continuity\_Schedule\_CoS\_v2\_7\_20160728\_FINAL.xslm, accompanies this Application. As outlined in Chapter 3 of the OEB's filing requirements, API has provided information relating to Group 1 accounts within the CoS DVA Work Form.

In the table below, the threshold test using the Group 1 Sub-Total (including Account 1589 - Global Adjustment) yields a value of \$0.0008 per kWh which does not exceed the threshold set out in Chapter 3.



<b>Threshold Test - 2017 IRM</b>	
<b>Algoma Power Inc.</b>	
<b>EB-2016-0055</b>	
<b>Total Claim Amounts Requested</b>	
Group 1 Sub-Total (excluding Account 1589 - Global Adjustment)	(69,116)
Total Metered kWh	201,146,570
Threshold Test (Total claim per kWh)	(0.0003) Threshold not exceeded
RSVA - Global Adjustment	237,750
Metered Consumption kWh for Current Class B Customers (Non-RPP consumption LESS WMP, Class A and new Class A's former Class B consumption, if applicable)	34,941,357
Threshold Test (Total claim per kWh)	0.0068 Threshold exceeded
Group 1 Sub-Total (including Account 1589 - Global Adjustment)	168,634
Total Metered kWh	201,146,570
Threshold Test (Total claim per kWh)	0.0008 Threshold not exceeded
<b>NOTE: Threshold is set by the OEB at \$0.001 per kWh per Chapter 3 Filing Requirements</b>	

Although the threshold test for the Group 1 Sub-Total has not been exceeded, API is requesting disposition of its Group 1 accounts due to the following considerations:

- The threshold test using the RSVA – Global Adjustment balance yields a value of \$0.0068 which does exceed the threshold
- The dollar impact of the disposition on each rate class is significant
- In calculating the 1595<sub>2015</sub> rate rider for Global Adjustment in EB-2014-0055, Class A kWhs were not removed and therefore approximately \$702,000 of the \$683,000 debit balance in 1595<sub>2015</sub> as at December 31, 2015 is primarily due to this under collection from non-RPP customers

The following table details the reconciliation of the DVA Work Form with API RRR filings as at December 31, 2015.

**Explanation of Variances Between 2.1.7 RRR Filing and DVA Work Form**

**Algoma Power Inc**

**EB-2016-0055**

**Balances as at December 31, 2015**

Group 1 Accounts	Account Number	Per DVA Work Form	Per 2.1.7 Filing	Difference
LV Variance Account	1550	-	-	-
Smart Metering Entity Charge Variance	1551	(2,131)	(2,131)	-
RSVA - Wholesale Market Service Charge (exclude CBR below)	1580	(421,124)	(421,124)	-
Variance WMS – Sub-account CBR Class A	1580	8,186	8,186	-
Variance WMS – Sub-account CBR Class B	1580	33,308	33,308	-
RSVA - Retail Transmission Network Charge	1584	(30,964)	(30,964)	-
RSVA - Retail Transmission Connection Charge	1586	(71,402)	(71,402)	-
RSVA - Power (excluding Global Adjustment)	1588	(225,313)	213,202	(438,515) <b>A</b>
RSVA - Global Adjustment	1589	235,325	250,830	(15,505) <b>B</b>
Disposition and Recovery/Refund of Regulatory Balances (2009)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2010)	1595	-	1,357,043	(1,357,043) <b>C</b>
Disposition and Recovery/Refund of Regulatory Balances (2011)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2012)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2013)	1595	1,235	1,235	-
Disposition and Recovery/Refund of Regulatory Balances (2014)	1595	-	-	-
Disposition and Recovery/Refund of Regulatory Balances (2015)	1595	683,373	683,373	-
		<b>210,493</b>	<b>2,021,556</b>	<b>(1,811,063)</b>

**Notes:**

**A** Difference relates to fixed priced adjustment and MicroFit true-ups that were performed in July 2016 for the 2015 year and recorded in the continuity schedule in 'Other 1 Adjustments during Q4 2015.'

	<u>Total</u>
2015 Fixed price adjustment true-up	15,071
2015 MicroFit true-up	<u>(453,586)</u>
	<u>(438,515)</u>
Per above	<u>(438,515)</u>
Unexplained difference	-

NOTE: In completing its MicroFit true-up process, API uses metering data provided by Utilismart. Due to some Utilismart specific processing issues with respect to a series of MicroFit accounts, API was not able to perform a 2015 true-up of the majority of the accounts until July 2016; hence a significant true-up amount reported as an adjustment in July 2016. Although this true-up amount has not yet been audited, it will be audited as part of API's 2016 external audit process. API has included the true-up amount within this IRM proceeding in an effort to match commodity revenues and costs.

**B** Difference relates to global adjustment true-ups that were performed in July 2016 for the 2015 year and recorded in the continuity schedule in 'Other 1 Adjustments during Q4 2015.'

	<u>Total</u>
2015 Fixed price adjustment true-up	<u>(15,505)</u>
Per above	<u>(15,505)</u>
Unexplained difference	-

**C** Difference relates to the outstanding balance of the Seasonal Mitigation deferral account, with a sunset date of June 30, 2019 per API's last CoS (EB-2014-0055).

**Adjustments to DVA Balances**

API has not made any material adjustments to DVA balances that were previously approved by the Board on a final basis in both CoS and IRM proceedings (i.e. balances that were adjusted subsequent to the balance sheet date that were cleared in the most recent rates proceeding). Occasionally, immaterial adjustments to a previously approved 1595 recovery account may be made in the event that there is a billing correction posted subsequent to the request and approval

received for disposition of that account. That adjustment is then moved to another 1595 recovery account and is requested for disposition in a subsequent proceeding. API is not aware of any adjustments that have been made to previously approved 1595 recovery accounts, in DVA balances sought for disposition within this proceeding.

## **Description of Settlement Process with the IESO**

### Billing of Class A and B Customers

Customers (both Class A and B) are billed on a one month billing lag (i.e. January consumption would be billed to customers in February). Class B non-RPP customers are billed using the 1<sup>st</sup> estimate for Global Adjustment, as published by the IESO, prior to 2016; starting January 2016 Class B non-RPP customers are being billed using the 2<sup>nd</sup> GA estimate. Class A customers are billed using their peak demand factor (PDF) multiplied by the actual total monthly Global Adjustment published by the IESO. Since the IESO bills based on the same methodology, the amount billed to Class A customers is equal to the amount charged by the IESO for Class A Global Adjustment (charge type 147). A monthly check is done to ensure that the amount billed to Class A customers equals the amount billed by the IESO for Class A Global Adjustment. Since this is the case, there will be no variance created for Global Adjustment for Class A customers within OEB account 1589.

API served 1 Class A customer in 2014 and as of July 1, 2015 is serving the same Class A customer. Therefore, the residual OEB account 1589 balance being requested for disposition within this Application should not be applied in the form of a rate rider to this account. Furthermore, the rate rider calculated will be based on total non-RPP consumption/demand exclusive of this customer and this has been factored into the DVA Work Form prepared in this Application.

### RPP Tiered & TOU Customers and the IESO Settlement Process:

Given the one month billing lag discussed above, consumption data and IESO settlements submitted to the IESO are also filed with a 1 month lag. For example, the February IESO settlement submission (due by fourth business day in March) would be based on January consumption values and inputs. Consumption values for RPP tiered and TOU customers are obtained from the accounting system by running detailed reports that pull relevant information from actual customer billings during the period. Specific consumption value dates are entered

before the report is run to ensure the appropriate consumption values are included in the output of the report. The consumption values are input in an excel spreadsheet for use in the settlements computation (see below). In addition, inputs for the weighted average energy price (obtained from an independent 3<sup>rd</sup> party database and includes embedded generation prices), the final Global Adjustment rate (published by OEB), RPP tiered electricity prices and TOU electricity prices (published by the OEB) are also entered into the aforementioned spreadsheet. All of these inputs are also based on a 1 month lag so that consumption values are consistent with all inputs.

Using these inputs and consumption values for RPP and TOU customers, the following two sets of computations are completed:

1. The difference between the weighted average energy price and the RPP tiered and TOU pricing is multiplied by the applicable RPP and TOU consumption values (referred to as the Fixed Price Adjustment variance). This variance is treated as a payable back to the IESO and is recorded in OEB account 1588. The accounting entry consists of a debit to OEB account 1588 and a credit payable to the IESO.
2. The final Global Adjustment rate is multiplied by the RPP and TOU consumption values to determine the amount receivable from the IESO (referred to as the Global Adjustment variance). This credit is recorded in OEB account 1589. The accounting entry consists of a debit receivable from the IESO and a credit to OEB account 1589.

The net of the above two calculations, along with the consumption values and number of customers is reported in the applicable tiers/buckets on the Former 1598 IESO settlements submission form. Submissions are done on a monthly basis.

True-ups are completed on an annual basis in conjunction with the preparation of IRM and/or CoS proceedings. All consumption values are re-run out of the accounting system and all inputs are re-entered to ensure no typographical errors were made or to account for any changes in externally provided inputs (weighted average energy price, final Global Adjustment rate). Any differences that arise as a result of the true-ups are typically due to billing corrections (i.e. consumption value changes) that have occurred after the original IESO settlement submissions were submitted. The true-up amounts are reported as Other Adjustments on the DVA Work Form for IRM and/or CoS proceedings in the year in which it relates to.

Based on the above process in place, any residual balance that remains in OEB account 1589 at the end of the reporting period would not be attributed to RPP (tiered and TOU) customers; rather the residual balances should be allocated to non-RPP Class B customers.

Final Variance Settlement Amount:

In addition to the Fixed Price Adjustment and the Global Adjustment variances, the final RPP variance settlement amount is also filed on the Former 1598 IESO settlements form submission. Detailed reports are run out of the accounting system that compile final customer billings in which final RPP variance settlement amounts have been assessed for those RPP customers that have left / opted out of RPP pricing.

**Disposition of DVA Balances**

API has used the same allocation methodology used in previous proceedings, to assign Group 1 balances to its rate classes. For the 1595 Recovery Share Proportion (2015), API used the Group 1 (1589) percentages as \$702,000 of the \$683,000 debit balance in this account as at December 31, 2015 is represented by the under collection of the 1589 balance due to not removing Class A consumption in calculating rate riders in EB 2014-0055.

In consideration of the recommendation outlined in Chapter 3 of the filing requirements along assessing bill impacts, API has proposed a one year disposition period. In reviewing the calculations of the rate riders in the Work Form, it was noted that the claim amount relating to Smart Metering Entity Charge Variance Account (OEB 1551) had not been allocated to the Residential R1 and Seasonal rate class. See table below for allocation of OEB 1551 based on number of customers. The subsequent table shows the adjusted calculations of the rate riders being requested for approval within this proceeding.

<b>Allocation of SME OEB 1551 and Addition to Rate Rider Calculation</b>			
<b>Algoma Power Inc.</b>			
<b>EB-2016-0055</b>			
	<b>RESIDENTIAL - R1</b>	<b>SEASONAL</b>	<b>TOTAL</b>
Number of Customers	8,482	3,144	11,626
Allocation of 1551 Bal	(1,572)	(583)	(2,155)
<b>Rate Rider Calculation for Deferral / Variance Accounts Balances (excluding Global Adj.)</b>			
<i>1550, 1551, 1584, 1586, 1595</i>			
	<b>RESIDENTIAL - R1</b>	<b>SEASONAL</b>	<b>TOTAL</b>
Per DVA Work Form	(28,000)	(3,055)	(31,055)
Add: 1551 Allocation per above	(1,572)	(583)	(2,155)
Adjusted Allocation	(29,572)	(3,638)	(33,210)

**Calculation of Rate Riders**

Please indicate the Rate Rider Recovery Period (in years)

1

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

*1550, 1551, 1584, 1586, 1595*

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL - R1	kWh	107,006,500	-\$ 29,572	-	0.0003 \$/kWh
RESIDENTIAL - R2	kW	208,261	\$ 611,091	-	2.9343 \$/kW
SEASONAL	kWh	6,868,390	-\$ 3,638	-	0.0005 \$/kWh
STREET LIGHTING	kWh	742,696	\$ 6,440	-	0.0087 \$/kWh
<b>Total</b>			<b>\$ 584,321</b>		

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

*1580 and 1588*

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL - R1	kWh	107,006,500	-\$ 347,617	-	0.0032 \$/kWh
RESIDENTIAL - R2	kW	208,261	-\$ 281,095	-	1.3497 \$/kW
SEASONAL	kWh	6,868,390	-\$ 22,312	-	0.0032 \$/kWh
STREET LIGHTING	kWh	742,696	-\$ 2,413	-	0.0032 \$/kWh
<b>Total</b>			<b>-\$ 653,437</b>		

**Addition Of A + B Calculations per above = New Consolidated Rate Rider**

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL - R1	kWh	107,006,500	-\$ 377,189	-	0.0035 \$/kWh
RESIDENTIAL - R2	kW	208,261	\$ 329,996	-	1.5845 \$/kW
SEASONAL	kWh	6,868,390	-\$ 25,950	-	0.0038 \$/kWh
STREET LIGHTING	kWh	742,696	\$ 4,027	-	0.0054 \$/kWh
<b>Total</b>			<b>-\$ 69,116</b>		

**Rate Rider Calculation for RSVA - Power - Global Adjustment**

*Balance of Account 1589 Allocated to Non-WMPs*

Rate Class (Enter Rate Classes in cells below)	Units	kW / kWh / # of Customers	Allocated Balance (excluding 1589)	Rate Rider for Deferral/Variance Accounts	
RESIDENTIAL - R1	kWh	3,333,837	\$ 22,684	-	0.0068 \$/kWh
RESIDENTIAL - R2	kWh	30,815,262	\$ 209,675	-	0.0068 \$/kWh
SEASONAL	kWh	49,562	\$ 337	-	0.0068 \$/kWh
STREET LIGHTING	kWh	742,696	\$ 5,053	-	0.0068 \$/kWh
<b>Total</b>			<b>\$ 237,749</b>		

**GRAND TOTAL OF ALLOCATED BALANCES** \$ 168,633 agrees to DVA Work Form

**LRAMVA Disposition**

API is not proposing to dispose of its LRAMVA in this Application.

**Bill Impacts**

The table shown below summarizes the bill impacts arising from the methodology and assumptions used in this Application.

**Selected Delivery Charge and Bill Impacts**  
**Algoma Power Inc. 2017**

Customer Classification and Billing Type	Energy kWh	Demand kW	Monthly Delivery Charge			
			Current	Per Application	Change	
					\$	%
Residential - R1	750		\$ 66.32	\$ 64.79	-\$ 1.53	-2.3%
Residential - R1	294		\$ 43.36	\$ 45.49	\$ 2.13	4.9%
Residential - R1 GS	2,000		\$ 134.48	\$ 128.02	-\$ 6.46	-4.8%
Residential - R2	90,000	225	\$ 3,197.58	\$ 4,143.61	\$ 946.02	29.6%
Seasonal	750		\$ 185.45	\$ 184.35	-\$ 1.10	-0.6%
Seasonal	205		\$ 78.76	\$ 81.67	\$ 2.90	3.7%
Seasonal	50		\$ 48.42	\$ 52.46	\$ 4.04	8.3%
Street Lighting	19,056	62	\$ 5,034.05	\$ 5,742.70	\$ 708.64	14.1%

Customer Classification and Billing Type	Energy kWh	Demand kW	Total Bill			
			Current	Per Application	Change	
					\$	%
Residential - R1	750		\$ 175.48	\$ 173.74	-\$ 1.73	-1.0%
Residential - R1	294		\$ 88.57	\$ 90.99	\$ 2.41	2.7%
Residential - R1 GS	2,000		\$ 419.58	\$ 412.28	-\$ 7.30	-1.7%
Residential - R2	90,000	225	\$ 15,761.55	\$ 16,830.55	\$ 1,069.00	6.8%
Seasonal	750		\$ 310.10	\$ 308.85	-\$ 1.24	-0.4%
Seasonal	205		\$ 116.69	\$ 119.97	\$ 3.28	2.8%
Seasonal	50		\$ 61.68	\$ 66.25	\$ 4.57	7.4%
Street Lighting	19,056	62	\$ 8,260.90	\$ 9,061.67	\$ 800.77	9.7%

The bill impacts are generated by the 2016 Bill Impact Model provided in Schedule "D". The live Excel workbook accompanies this Application.

**Other**

In this application API is not applying for a Z-factor claim and is not applying for incremental capital.



**THE FOLLOWING IS A LISTING OF THE EXCEL MODELS WHICH ACCOMPANY THIS APPLICATION:**

- 2017 RTSR Model for API
- 2017 Rate Design Model for API
- 2017 Bill Impact Model for API
- 2017 Proposed Tariff of Rates and Charges
- 2017 DVA Continuity Schedule

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# **Schedule “A”**

## **Current Tariff Sheets**

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# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## RESIDENTIAL SERVICE CLASSIFICATION

For the purposes of rates and charges, a residential service is defined in two ways:

- i) a dwelling occupied as a residence continuously for at least eight months of the year and, where the residential premises is located on a farm, includes other farm premises associated with the residential electricity meter, and
- ii) consumers who are treated as residential-rate class customers under Ontario Regulation 445/07 (Reclassifying Certain Classes of Consumers as Residential-Rate Class Customers: Section 78 of the Ontario Energy Board Act, 1998) made under the Ontario Energy Board Act, 1998.

## RESIDENTIAL – R1

This classification refers to a Residential service with a demand of less than, or is forecast to be less than, 50 kilowatts, and which is billed on an energy basis. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge – Applicable only to customers that meet criteria (i) above	\$	27.76
Service Charge – Applicable only to customers that meet criteria (ii) above	\$	23.76
Rate Rider for Smart Metering Entity Change – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate – Applicable only to customers that meet criteria (i) above	\$/kWh	0.0288
Distribution Volumetric Rate – Applicable only to customers that meet criteria (ii) above	\$/kWh	0.0334
Rate Rider for Disposition of Accounts 1575 & 1576 - effective until December 31, 2019	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051

## MONTHLY RATES AND CHARGES – Regulatory Component

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

# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## RESIDENTIAL – R2

This classification refers to a Residential service with a demand equal to or greater than, or is forecast to be equal to or greater than, 50 kilowatts, and which is billed on a demand basis. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	611.64
Distribution Volumetric Rate	\$/kW	3.1691
Rate Rider for Disposition of Accounts 1575 & 1576 – effective until December 31, 2019	\$/kW	(0.8010)
Retail Transmission Rate – Network Service Rate	\$/kW	2.6924
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9084

### MONTHLY RATES AND CHARGES – Regulatory Component

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

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**

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

EB-2015-0051

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

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

### APPLICATION

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

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

In this class:

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

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

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

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

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

### MONTHLY RATES AND CHARGES

#### Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

### Class D

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

OESP Credit \$ (42.00)

### Class E

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

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

OESP Credit \$ (45.00)

### Class F

(a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;  
 (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or

(c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

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

OESP Credit \$ (50.00)

### Class G

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

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

OESP Credit \$ (55.00)

### Class H

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

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

OESP Credit \$ (60.00)

### Class I

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

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

OESP Credit \$ (75.00)



# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## SEASONAL CUSTOMERS SERVICE CLASSIFICATION

This classification includes all services supplied to single-family dwelling units for domestic purposes, which are occupied on a seasonal/intermittent basis. A service is defined as Seasonal if occupancy is for a period of less than eight months of the year. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	34.27
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Rate Rider for Recovery of Smart Meter Deferred Revenue – effective until December 31, 2016	\$	3.57
Distribution Volumetric Rate	\$/kWh	0.1435
Rate Rider for Disposition of Account 1574 – effective until June 30, 2019	\$/kWh	0.0307
Rate Rider for Disposition of Accounts 1575 & 1576 – effective until December 31, 2019	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0051

### MONTHLY RATES AND CHARGES – Regulatory Component

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

# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to an account for roadway lighting. The consumption for these unmetered accounts will be based on the calculated connection load times the calculated hours of use established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge (per connection)	\$	1.34
Distribution Volumetric Rate	\$/kWh	0.2164
Rate Rider for Disposition of Accounts 1575 & 1576 – effective until December 31, 2019	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kW	1.9496
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3767

### **MONTHLY RATES AND CHARGES – Regulatory Component**

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

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2016**

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EB-2015-0051

## **microFIT SERVICE CLASSIFICATION**

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

### **APPLICATION**

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

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

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

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

### **MONTHLY RATES AND CHARGES – Delivery Component**

Service Charge	\$	5.40
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### **ALLOWANCES**

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

# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## SPECIFIC SERVICE CHARGES

### APPLICATION

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

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

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

#### Customer Administration

Arrears certificate (credit reference)	\$	15.00
Statement of account	\$	15.00
Pulling post dated cheques	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Income tax letter	\$	15.00
Notification charge	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Charge to certify cheques	\$	15.00
Legal letter charge	\$	15.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge – no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/reconnect charges - at meter during regular hours	\$	65.00
Disconnect/reconnect charges - at meter after regular hours	\$	185.00
Disconnect/reconnect charges at pole - during regular hours	\$	185.00
Disconnect/reconnect at pole – after regular hours	\$	415.00
Install/remove load control device – during regular hours	\$	65.00
Install/remove load control device - after regular hours	\$	185.00

#### Other

Specific charge for access to the power poles \$/pole/year	\$	22.35
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00

# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2016

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

EB-2015-0051

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

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

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

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

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

Retail Service Charges refer to services provided by Algoma Power Inc. to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

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

### LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer	1.0917
Total Loss Factor – Primary Metered Customer	1.0808

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# **Schedule “B”**

## **Proposed Tariff Sheets**

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# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

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

EB-2016-0055

## RESIDENTIAL SERVICE CLASSIFICATION

For the purposes of rates and charges, a residential service is defined in two ways:

- i) a dwelling occupied as a residence continuously for at least eight months of the year and, where the residential premises is located on a farm, includes other farm premises associated with the residential electricity meter, and
- ii) consumers who are treated as residential-rate class customers under Ontario Regulation 445/07 (Reclassifying Certain Classes of Consumers as Residential-Rate Class Customers: Section 78 of the Ontario Energy Board Act, 1998) made under the Ontario Energy Board Act, 1998.

## RESIDENTIAL – R1

### APPLICATION

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

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

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

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

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge – Applicable only to customers that meet criteria (i) above	\$	32.26
Service Charge – Applicable only to customers that meet criteria (ii) above	\$	24.19
Rate Rider for Smart Metering Entity Change – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate – Applicable only to customers that meet criteria (i) above	\$/kWh	0.0248
Distribution Volumetric Rate – Applicable only to customers that meet criteria (ii) above	\$/kWh	0.0340
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0035)
Rate Rider for Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	0.0068
Rate Rider for Disposition of Accounts 1575 & 1576 - effective until December 31, 2019	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050

### MONTHLY RATES AND CHARGES - Regulatory Component

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

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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

EB-2016-0055

## **RESIDENTIAL – R2**

This classification refers to a Residential service with a demand equal to or greater than, or is forecast to be equal to or greater than, 50 kilowatts, and which is billed on a demand basis. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	622.65
Distribution Volumetric Rate	\$/kW	3.2261
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	1.5845
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kW	0.0068
Rate Rider for Disposition of Accounts 1575 & 1576 – effective until December 31, 2019	\$/kW	(0.8010)
Retail Transmission Rate – Network Service Rate	\$/kW	2.5251
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8871

### **MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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

EB-2016-0055

## **ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

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

### **APPLICATION**

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

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

In this class:

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

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

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

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

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

### **MONTHLY RATES AND CHARGES**

#### **Class A**

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons; but does not include account-holders in Class E.

OESP Credit \$ (30.00)

#### **Class B**

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit \$ (34.00)

#### **Class C**

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit \$ (38.00)

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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

EB-2016-0055

**ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS**

**Class D**

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

OESP Credit (42.00)

**Class E**

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

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

OESP Credit (45.00)

**Class F**

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

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

OESP Credit (50.00)

**Class G**

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

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

OESP Credit (55.00)

**Class H**

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

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

OESP Credit (60.00)

**Class I**

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

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

OESP Credit (75.00)

# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

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EB-2016-0055

## SEASONAL CUSTOMERS SERVICE CLASSIFICATION

This classification includes all services supplied to single-family dwelling units for domestic purposes, which are occupied on a seasonal/intermittent basis. A service is defined as Seasonal if occupancy is for a period of less than eight months of the year. Further servicing details are available in the distributor's Conditions of Service.

## APPLICATION

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

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

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

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

## MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	42.25
Rate Rider for Smart Metering Entity Charge – effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.1405
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	(0.0038)
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	0.0068
Rate Rider for Disposition of Account 1574 – effective until June 30, 2019	\$/kWh	0.0307
Rate Rider for Disposition of Accounts 1575 & 1576 – effective until December 31, 2019	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0050

## MONTHLY RATES AND CHARGES - Regulatory Component

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

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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EB-2016-0055

## **STREET LIGHTING SERVICE CLASSIFICATION**

This classification refers to an account for roadway lighting. The consumption for these unmetered accounts will be based on the calculated connection load times the calculated hours of use established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

### **APPLICATION**

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

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

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

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

### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	1.48
Distribution Volumetric Rate	\$/kWh	0.2390
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	0.0054
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	0.0068
Rate Rider for Disposition of Accounts 1575 & 1576 – effective until December 31, 2019	\$/kWh	(0.0019)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8284
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3613

### **MONTHLY RATES AND CHARGES - Regulatory Component**

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

**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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EB-2016-0055

**microFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

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**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.40
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# Algoma Power Inc.

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date January 1, 2017

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EB-2016-0055

## SPECIFIC SERVICE CHARGES

### ALLOWANCES

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

### APPLICATION

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

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

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

### Customer Administration

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

### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection - during regular business hours	\$	30.00
Collection of account charge - no disconnection - after regular hours	\$	165.00
Disconnect/Reconnect Charges - at meter - during regular hours	\$	65.00
Disconnect/Reconnect Charges - at meter - after regular hours	\$	185.00
Disconnect/Reconnect Charges at Pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00

### Other

Specific charge for access to the power poles – \$/pole/year	\$	22.35
Service call - customer owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
Temporary service install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1,000.00



**Algoma Power Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective and Implementation Date January 1, 2017**

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

EB-2016-0055

**RETAIL SERVICE CHARGES (if applicable)**

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

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

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

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

Retail Service Charges refer to services provided by Algoma Power Inc. to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

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

**LOSS FACTORS**

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

Total Loss Factor – Secondary Metered Customer	1.0917
Total Loss Factor – Primary Metered Customer	1.0808

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# **Schedule “C”**

## **Rate Design Model**

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**Algoma Power Inc.  
2017 IRM Electricity Distribution Rate Application  
Incentive Rate-setting Mechanism**

**Rate Design Model  
Application  
EB-2016-0055**

**August 12, 2016**

**The Accepted 2015 Test Year Normalized Customer and Load Forecast Information - EB-2014-0055**

<i>Customer Class Name</i>	<i>2010 Actual</i>	<i>2011 Actual</i>	<i>2012 Actual</i>	<i>2013 Year End</i>	<i>2013 Normalized</i>	<i>Bridge Year 2014 Normalized</i>	<i>Test Year 2015 Normalized</i>
<i>Customers and Connections</i>							
<i>Residential - R1</i>	8,031	8,082	8,166	8,306	8,306	8,432	8,559
<i>Seasonal</i>	3,538	3,453	3,405	3,298	3,298	3,191	3,084
<i>Residential - R2</i>	43	46	49	50	50	50	50
<i>Street Lighting (# of Connections)</i>	1,052	1,052	1,018	1,018	1,018	1,018	1,018
<b>TOTAL</b>	<b>12,664</b>	<b>12,633</b>	<b>12,638</b>	<b>12,672</b>	<b>12,672</b>	<b>12,691</b>	<b>12,711</b>
<i>Volumes in kWh</i>							
	<i>2010 Actual</i>	<i>2011 Actual</i>	<i>2012 Actual</i>	<i>2013 Year End</i>	<i>2013 Normalized</i>	<i>Bridge Year 2014 Normalized</i>	<i>Test Year 2015 Normalized</i>
<i>Residential - R1</i>	98,515,494	103,344,412	103,512,450	106,250,425	104,788,841	104,839,037	105,791,701
<i>Seasonal</i>	11,130,245	10,087,145	10,136,343	8,458,860	8,342,500	8,025,496	7,731,414
<i>Residential - R2</i>	70,938,155	75,394,032	79,423,076	83,700,857	83,416,121	83,425,900	83,288,188
<i>Street Lighting</i>	721,376	523,958	728,404	807,250	807,250	807,250	804,705
<b>TOTAL</b>	<b>181,305,270</b>	<b>189,349,547</b>	<b>193,800,273</b>	<b>199,217,392</b>	<b>197,354,712</b>	<b>197,097,683</b>	<b>197,616,008</b>
<i>Volumes in kW</i>							
	<i>2010 Actual</i>	<i>2011 Actual</i>	<i>2012 Actual</i>	<i>2013 Year End</i>	<i>2013 Normalized</i>	<i>Bridge Year 2014 Normalized</i>	<i>Test Year 2015 Normalized</i>
<i>Residential - R1</i>							
<i>Seasonal</i>							
<i>Residential - R2</i>	163,570	176,514	185,948	199,530	199,530	199,530	198,901
<i>Street Lighting</i>	<i>Note: Street Lighting revenue in API is based on kWh.</i>						
<b>TOTAL</b>	<b>163,570</b>	<b>176,514</b>	<b>185,948</b>	<b>199,530</b>	<b>199,530</b>	<b>199,530</b>	<b>198,901</b>
	<b>N/a</b>	<b>2011 Actual</b>	<b>2012 Actual</b>	<b>2013 Actual</b>		<b>2014 Actual</b>	<b>2015 Board Calculation</b>
RRRP Adjustment Factor		2.500%	2.810%	3.750%		3.760%	0.790%
Transformer Ownership Allowance							
kW		115,523	118,393	123,494		123,494	123,494
\$		69,314	71,036	74,096		74,096	74,096

**Proposed Distribution Charges and RRRP Funding for 2017 Rate Year**

<b>Distribution Charges</b>		<b>Approved 2016 IRM EB-2015-0051</b>	<b>Proposed 2017 IRM EB-2016-0055</b>	<b>Percent Change</b>
	<b>Metric</b>	<b>Effective January 1, 2016</b>	<b>Effective January 1, 2017</b>	
<b>Monthly Rates and Charges</b>				
<b>Residential - R1</b>				
Monthly Service Charge	\$	27.76	32.26	16.21%
Distribution Volumetric Rate	\$/kWh	0.0288	0.0248	-13.88%
<b>Residential - R1 (General Service)</b>				
Monthly Service Charge	\$	23.76	24.19	1.80%
Distribution Volumetric Rate	\$/kWh	0.0334	0.0340	1.80%
<b>Residential - R2</b>				
Monthly Service Charge	\$	611.64	622.65	1.80%
Distribution Volumetric Rate	\$/kW	3.1691	3.2261	1.80%
<b>Seasonal</b>				
Monthly Service Charge	\$	34.27	42.25	23.29%
Distribution Volumetric Rate	\$/kWh	0.1435	0.1405	-2.09%
<b>Street Lighting</b>				
Monthly Service Charge	\$	1.34	1.48	10.45%
Distribution Volumetric Rate	\$/kWh	0.2164	0.2390	10.44%
<b>Rural and Remote Rate Protection</b>				
	\$	13,678,440	13,620,570	-0.42%

**EB-2014-0055 - Board Accepted Cost Allocation**  
**Sheet 01 Revenue to Cost Summary Worksheet - Final Run**

			1	2	7	12
		Total	R1	R2	Street Light	Seasonal
<b>Rate Base Assets</b>						
<b>crev</b>	Distribution Revenue at Existing Rates	\$20,478,676	\$14,900,660	\$3,674,441	\$139,697	\$1,763,879
<b>mi</b>	Miscellaneous Revenue (mi)	\$466,758	\$292,845	\$75,827	\$18,778	\$79,308
		<b>Miscellaneous Revenue Input equals Output</b>				
<b>Total Revenue at Existing Rates</b>		\$20,945,434	\$15,193,505	\$3,750,267	\$158,475	\$1,843,187
Factor required to recover deficiency (1 + D)		1.1141				
Distribution Revenue at Status Quo Rates		\$22,816,181	\$16,601,471	\$4,093,854	\$155,642	\$1,965,214
Miscellaneous Revenue (mi)		\$466,758	\$292,845	\$75,827	\$18,778	\$79,308
<b>Total Revenue at Status Quo Rates</b>		\$23,282,938	\$16,894,316	\$4,169,680	\$174,420	\$2,044,522
<b>Expenses</b>						
<b>di</b>	Distribution Costs (di)	\$5,795,694	\$3,667,982	\$1,069,577	\$204,323	\$853,813
<b>cu</b>	Customer Related Costs (cu)	\$2,036,392	\$1,507,778	\$36,644	\$9,141	\$482,829
<b>ad</b>	General and Administration (ad)	\$4,580,592	\$3,023,163	\$653,756	\$125,799	\$777,874
<b>dep</b>	Depreciation and Amortization (dep)	\$3,899,209	\$2,504,649	\$680,360	\$123,962	\$590,238
<b>INPUT</b>	PILs (INPUT)	\$409,653	\$260,409	\$75,901	\$13,697	\$59,646
<b>INT</b>	Interest	\$2,913,126	\$1,851,818	\$539,746	\$97,405	\$424,156
<b>Total Expenses</b>		\$19,634,666	\$12,815,799	\$3,055,983	\$574,328	\$3,188,556
<b>Direct Allocation</b>		\$0	\$0	\$0	\$0	\$0
<b>NI</b>	Allocated Net Income (NI)	\$3,648,272	\$2,319,137	\$675,954	\$121,986	\$531,195
<b>Revenue Requirement (includes NI)</b>		\$23,282,938	\$15,134,936	\$3,731,937	\$696,314	\$3,719,751
		<b>Revenue Requirement Input equals Output</b>				
<b>Rate Base Calculation</b>						
<b>Net Assets</b>						
<b>dp</b>	Distribution Plant - Gross	\$122,555,751	\$78,199,286	\$22,170,419	\$4,091,600	\$18,094,446
<b>gp</b>	General Plant - Gross	\$39,239,754	\$24,948,139	\$7,260,204	\$1,313,178	\$5,718,233
<b>accum dep</b>	Accumulated Depreciation	(\$66,750,600)	(\$42,719,078)	(\$11,845,258)	(\$2,224,052)	(\$9,962,213)
<b>co</b>	Capital Contribution	(\$521,234)	(\$339,031)	(\$77,846)	(\$19,514)	(\$84,842)
<b>Total Net Plant</b>		\$94,523,671	\$60,089,316	\$17,507,520	\$3,161,211	\$13,765,624
<b>Directly Allocated Net Fixed Assets</b>		\$0	\$0	\$0	\$0	\$0
<b>COP</b>	Cost of Power (COP)	\$23,068,924	\$12,366,017	\$9,676,700	\$100,839	\$925,368
	OM&A Expenses	\$12,412,679	\$8,198,923	\$1,759,976	\$339,264	\$2,114,516
	Directly Allocated Expenses	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>		\$35,481,603	\$20,564,939	\$11,436,676	\$440,103	\$3,039,885
<b>Working Capital</b>		\$3,548,160	\$2,056,494	\$1,143,668	\$44,010	\$303,988
<b>Total Rate Base</b>		\$98,071,831	\$62,145,810	\$18,651,187	\$3,205,222	\$14,069,612
		<b>Rate Base Input equals Output</b>				
<b>Equity Component of Rate Base</b>		\$39,228,732	\$24,858,324	\$7,460,475	\$1,282,089	\$5,627,845
<b>Net Income on Allocated Assets</b>		\$3,446,937	\$4,078,517	\$1,113,697	(\$399,908)	(\$1,345,369)
<b>Net Income on Direct Allocation Assets</b>		\$0	\$0	\$0	\$0	\$0
<b>Net Income</b>		\$3,446,937	\$4,078,517	\$1,113,697	(\$399,908)	(\$1,345,369)
<b>RATIOS ANALYSIS</b>						
<b>REVENUE TO EXPENSES STATUS QUO%</b>		100.00%	111.62%	111.73%	25.05%	54.96%
<b>EXISTING REVENUE MINUS ALLOCATED COSTS</b>		(\$2,337,504)	\$58,569	\$18,330	(\$537,839)	(\$1,876,564)
		<b>Deficiency Input Does Not Equal Output</b>				
<b>STATUS QUO REVENUE MINUS ALLOCATED COSTS</b>		(\$0)	\$1,759,380	\$437,743	(\$521,894)	(\$1,675,229)
<b>RETURN ON EQUITY COMPONENT OF RATE BASE</b>		8.79%	16.41%	14.93%	-31.19%	-23.91%



**EB-2014-0055 Target Revenue to Cost Ratios**

	<b>Allocation of Revenue Requirement Including Net Income</b>	<b>Misc. Revenue</b>	<b>Allocation of Distribution Revenue Requirement Including Net Income</b>	<b>Distribution Revenue at Status Quo Equivalent Rates</b>	<b>Target Revenue to Cost Ratio</b>	<b>Adjusted Distribution Revenue to Achieve Target Revenue to Cost Ratios</b>
Residential - R1	15,134,936	292,845	14,842,091	16,601,471	110.63%	16,451,085
Residential - R2	3,731,937	75,827	3,656,111	4,093,854	110.74%	4,056,974
Seasonal	3,719,751	79,308	3,640,443	1,965,214	60.00%	2,152,542
Street Lighting	696,314	18,778	677,536	155,642	25.04%	155,579
	23,282,938	466,758	22,816,181	22,816,181		22,816,181

Check

YES

**Future Revenue to Cost Ratio Design Criteria - EB-2014-0055**

	2015	2016	2017	2018	2019
Residential - R1	110.63%	Beneficiary			
Residential - R2	110.74%	Beneficiary			
Seasonal	60.00%	66.00%	72.00%	78.00%	85.00%
Street Lighting	25.04%	10% Total Bill Impact			

**Equivalent Distribution Rates Required to Recover the Approved 2015 Base Revenue Requirement at the Accepted Revenue to Cost Ratios - EB-2014-0055**  
**Excluding Transformer Ownership Allowance**

**2015 Accepted Equivalent Electricity Distribution Rates**

Customer Class	Metric	Average # of Customers	Billing Determinant		F/V Split		Distribution Rates		Revenues			Reconciliation
			kWh	kW	Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue	
Residential - R1	kWh	8496	105,791,701		13.6%	86.4%	22.02	0.1343	2,245,034	14,206,051	16,451,085	-
Residential - R2	kW	50		198,901	12.0%	88.0%	812.05	17.9473	487,230	3,569,744	4,056,974	-
Seasonal	kWh	3138	7,731,414		43.8%	56.2%	25.01	0.1566	941,874	1,210,668	2,152,542	-
Street Lighting	kWh	1018	804,705		0.0%	100.0%	-	0.1933	-	155,579	155,579	-
									<b>3,674,138</b>	<b>19,142,043</b>	<b>22,816,181</b>	-

Balanced ?      YES

**Accepted Residential R1 & R2 2015 Electricity Distribution Rates and RRRP Funding - EB-2014-0055**

<b>2015 Distribution Base Rate Determinations</b>											
<b>Customer Class</b>	<b>Metric</b>	<b>Average # of Customers</b>	<b>Billing Determinant</b>		<b>F/V Split</b>		<b>Distribution Rates</b>		<b>Revenues</b>		
			<b>kWh</b>	<b>kW</b>	<b>Fixed Allocation</b>	<b>Variable Allocation</b>	<b>Monthly Service Charge</b>	<b>Variable Charge</b>	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>
<b>Residential - R1</b>	kWh	8496	105,791,701		13.6%	86.4%	22.02	0.1343	2,245,034	14,206,051	16,451,085
<b>Residential - R2</b>	kW	50		198,901	12.0%	88.0%	812.05	17.9473	487,230	3,569,744	4,056,974
									<b>2,732,264</b>	<b>17,775,795</b>	<b>20,508,059</b>
<b>The Accepted 2015 Application of Rate Indexing Methodology</b>											
<b>Delivery Charges Indexed by Simple Average of Other LDC Increases in Current Year</b>											
<b>Simple Average Increase in Delivery Charge for 2015 using the 2014 Board Approved RRRP Adjustment Factor</b>										<b>0.79%</b>	
<b>Customer Class</b>	<b>Metric</b>	<b>Average # of Customers</b>	<b>Billing Determinant</b>		<b>F/V Split</b>		<b>Distribution Rates</b>		<b>Revenues</b>		
			<b>kWh</b>	<b>kW</b>	<b>Fixed Allocation</b>	<b>Variable Allocation</b>	<b>Monthly Service Charge</b>	<b>Variable Charge</b>	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>
<b>Residential - R1</b>	kWh	8496	105,791,701		40.7%	59.3%	23.34	0.0328	2,379,862	3,465,392	5,845,254
<b>Residential - R2</b>	kW	50		198,901	36.8%	63.2%	600.83	3.1131	360,498	619,199	979,696
<b>Transformer Ownership Allowance - Allocated to the Residential - R2 class</b>										74,096	74,096
<b>The Rural and Remote Rate Protection Amount Required for 2015 (EB-2014-0055)</b>											<b>\$ 13,757,205</b>

Balanced ?            YES

**Accepted Seasonal and Street Lighting Distribution Rates - EB-2014-0055**

<b>2015 Distribution Base Rate Determination</b>											
<b>Customer Class</b>	<b>Metric</b>	<b>Average # of Customers</b>	<b>Billing Determinant</b>		<b>F/V Split</b>		<b>Distribution Rates</b>		<b>Revenues</b>		
			<b>kWh</b>	<b>kW</b>	<b>Fixed Allocation</b>	<b>Variable Allocation</b>	<b>Monthly Service Charge</b>	<b>Variable Charge</b>	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>
<b>Seasonal</b>	kWh	3138	7,731,414		47.5%	52.5%	27.15	0.1462	1,022,458	1,130,085	2,152,542
<b>Street Lighting</b>	kWh	1018	804,705		8.6%	91.4%	1.10	0.1767	13,380	142,199	155,579
									<b>1,035,837</b>	<b>1,272,284</b>	<b>2,308,121</b>

Balanced ?    YES

**Determination of 2017 Adjustment to Street Lighting R/C Ratio (Limited by Total Bill Impact of 10%)**

<b>Summary of Bill Impact Model for Typical Street Light Customer</b>									
Customer Class	# of Connections	kWh	Distribution Rates				Total Bill		
			2016 Fixed	2016 Variable	2017 Fixed	2017 Variable	2016	2017	% Increase
<b>Street Lighting</b>	391	19,056	1.34	0.2164	1.48	0.2390	8,260.90	9,061.67	<b>9.7%</b>

<b>Calculation of 2017 Street Light Class Revenue</b>									
Customer Class	# of Connections	kWh	F/V Split		Distribution Rates		2017 Revenues		
			Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
<b>Street Lighting</b>	1018	804,705	8.6%	91.4%	1.48	0.2390	18,080	192,324	210,404

<b>Convert 2017 Street Light Class Revenue to 2015 Equivalent for R/C Ratio Adjustments</b>		
Year	IRM Adjustment Factor	Equivalent Class Revenue
2017	1.50%	210,404
2016	1.50%	207,295
2015	N/A	<b>204,232</b>

**2017 Proposed Revenue to Cost Ratios - EB-2016-0055  
Applied to 2015 Approved Revenue Requirement**

	Allocation of Revenue Requirement Including Net Income	Misc. Revenue	Allocation of Distribution Revenue Requirement Including Net Income	Distribution Revenue at Status Quo Equivalent Rates	Target Revenue to Cost Ratio	Adjusted Distribution Revenue to Achieve Target Revenue to Cost Ratios
Residential - R1	15,134,936	292,845	14,842,091	16,601,471	108.03%	16,057,523
Residential - R2	3,731,937	75,827	3,656,111	4,093,854	108.02%	3,955,513
Seasonal	3,719,751	79,308	3,640,443	1,965,214	72.00%	2,598,913
Street Lighting	696,314	18,778	677,536	155,642	32.03%	204,232
	23,282,938	466,758	22,816,181	22,816,181		22,816,181

Check

YES

**Future Revenue to Cost Ratio Design Criteria from EB-2014-0055**

	2015	2016	2017	2018	2019
Residential - R1	110.63%	Beneficiary			
Residential - R2	110.74%	Beneficiary			
Seasonal	60.00%	66.00%	72.00%	78.00%	85.00%
Street Lighting	25.04%	10% Total Bill Impact			

<b>Equivalent Distribution Rates Required to Recover the Proposed 2015 Base Revenue Requirement at the Proposed 2017 Revenue to Cost Ratios</b>												
<b>Excluding Transformer Ownership Allowance</b>												
<b>2017 Proposed Equivalent Electricity Distribution Rates</b>												
<b>Customer Class</b>	<b>Metric</b>	<b>Average # of Customers</b>	<b>Billing Determinant</b>		<b>F/V Split</b>		<b>Distribution Rates</b>		<b>Revenues</b>			
			<b>kWh</b>	<b>kW</b>	<b>Fixed Allocation</b>	<b>Variable Allocation</b>	<b>Monthly Service Charge</b>	<b>Variable Charge</b>	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>	<b>Reconciliation</b>
<b>Residential - R1</b>	kWh	8496	105,791,701		13.6%	86.4%	21.49	0.1311	2,191,325	13,866,197	16,057,523	-
<b>Residential - R2</b>	kW	50		198,901	12.0%	88.0%	791.74	17.4985	475,045	3,480,468	3,955,513	-
<b>Seasonal</b>	kWh	3138	7,731,414		43.8%	56.2%	30.20	0.1891	1,137,190	1,461,723	2,598,913	-
<b>Street Lighting</b>	kWh	1018	804,705		0.0%	100.0%	-	0.2538	-	204,232	204,232	-
									<b>3,803,560</b>	<b>19,012,621</b>	<b>22,816,181</b>	-

Note that the Total Revenue remains at \$22,816,181, as accepted in EB-2014-0055. Only the Class Shares have changed as a result of the proposed 2017 revenue to cost ratios. The fixed/variable splits are the same as accepted in EB-2014-0055.

**EB-2015-0051 Final Price Cap for 2016  
Electricity Distribution Rates**

<b>Price Cap Metric</b>	<b>Status</b>	<b>Value</b>
Inflation Factor	Final	2.10%
Productivity Factor	Final	0.00%
Stretch Factor	Assigned	<u>0.60%</u>
Price Index	Calculated	1.50%

**EB-2016-0055 Price Cap for 2017  
Electricity Distribution Rates**

<b>Price Cap Metric</b>	<b>Status</b>	<b>Value</b>
Inflation Factor	Estimated	2.10%
Productivity Factor	Estimated	0.00%
Stretch Factor	Estimated	<u>0.60%</u>
Price Index	Calculated	1.50%



<b>IRM Indexed Revenue Requirement for 2016 Using the Actual 2016 Price Cap Excluding Transformer Ownership Allowance</b>			
<b>Customer Class</b>	<b>Revenues</b>		
	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>
<b>Residential - R1</b>	2,224,195	14,074,190	16,298,385
<b>Residential - R2</b>	482,171	3,532,675	4,014,846
<b>Seasonal</b>	1,154,248	1,483,649	2,637,897
<b>Street Lighting</b>	-	207,295	207,295
	<b>3,860,613</b>	<b>19,297,810</b>	<b>23,158,423</b>

<b>IRM Indexed Revenue Requirement for 2017 Using the Estimated 2016 Price Cap Excluding Transformer Ownership Allowance</b>			
<b>Customer Class</b>	<b>Revenues</b>		
	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>
<b>Residential - R1</b>	2,257,558	14,285,303	16,542,861
<b>Residential - R2</b>	489,403	3,585,665	4,075,068
<b>Seasonal</b>	1,171,561	1,505,904	2,677,465
<b>Street Lighting</b>	-	210,405	210,405
	<b>3,918,523</b>	<b>19,587,277</b>	<b>23,505,800</b>

Note that the 2015 Equivalent Class Revenues are indexed using the 2016 and 2017 Price Cap indices following the changes to the Revenue to Cost Ratios. This step is necessary to determine the overall revenue requirement for 2017 before the RRRP Adjustment Factor is applied.

Balance Check

YES

Balance Check

YES

**Determination of Residential R1 & R2 2016 Electricity Distribution Rates and RRRP Funding**

**Indexed Revenues Allocated to the Residential R1 & R2 Classes for 2017**

**\$ 20,617,930**

<b>2017 Application of Rate Indexing Methodology</b>											
<b>Delivery Charges Indexed by Simple Average of Other LDC Increases in Current Year</b>											
<b>Simple Average Increase in Delivery Charge for 2017 using the 2016 Board Calculated RRRP Adjustment Factor</b>											<b>1.80%</b>
<b>Customer Class</b>	<b>Metric</b>	<b>Average # of Customers</b>	<b>Billing Determinant</b>		<b>F/V Split</b>		<b>Distribution Rates</b>		<b>Revenues</b>		
			<b>kWh</b>	<b>kW</b>	<b>Fixed Allocation</b>	<b>Variable Allocation</b>	<b>Monthly Service Charge</b>	<b>Variable Charge</b>	<b>Fixed</b>	<b>Variable</b>	<b>Total Revenue</b>
<b>Residential - R1 (i)</b>	kWh	7531	80,045,884		52.1%	47.9%	28.26	0.0293	2,553,884	2,346,817	4,900,701
<b>Residential - R1 (ii)</b>	kWh	965	25,745,817		24.2%	75.8%	24.19	0.0340	280,093	875,389	1,155,482
<b>Residential - R2</b>	kW	50		198,901	36.8%	63.2%	622.65	3.2261	373,590	641,683	1,015,273
<b>Transformer Ownership Allowance - Allocated to the Residential - R2 class</b>										74,096	74,096
<b>The Rural and Remote Rate Protection Amount Required for 2016</b>											<b>\$ 13,620,570</b>

Balanced ?                      YES

Notes:

R1 customer counts and kWh were segregated between residential (i) and non-residential (ii) sub-groups in EB-2016-0051.  
 R1 total customer counts and kWh reconcile back to the test year load forecast accepted in EB-2014-0055.

**Determination of Seasonal and Street Lighting Distribution Rates**

2017 Distribution Base Rate Determination for Non-RRRP Rate Classes										
Customer Class	Metric	Average # of Customers	kWh	F/V Split		Distribution Rates		Revenues		
				Fixed Allocation	Variable Allocation	Monthly Service Charge	Variable Charge	Fixed	Variable	Total Revenue
Seasonal	kWh	3138	7,731,414	53.8%	46.2%	38.25	0.1600	1,440,476	1,236,989	2,677,465
Street Lighting	kWh	1018	804,705	8.6%	91.4%	1.48	0.2390	18,095	192,310	210,405
								<b>1,458,571</b>	<b>1,429,299</b>	<b>2,887,870</b>

Balanced ?      YES

**Revenue Decoupling for the Residential Rate Class - 2nd Increment  
EB-2016-0055**

Rate Class	Customers/ Connections		Test Year Consumption	Proposed Rates			Proposed Revenues			Existing Split	
		Average number of Customers		Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
			kWh		kWh	kW	\$	\$	\$		
R1 (i)	Customers	7,531	80,045,884	\$ 28.26	\$ 0.0293		2,553,884	2,346,817	4,900,701	52.1%	47.9%
R1 (ii)	Customers	965	25,745,817	\$ 24.19	\$ 0.0340		280,093	875,389	1,155,482	24.2%	75.8%
Total R1	Customers	8,496	105,791,701				2,833,977	3,222,206	6,056,183	46.8%	53.2%

**Residential Decoupling - R1 (i)**

	2017	2018	2019	2020	2021	2022	2023
Current Monthly Service Charge (post IRM adjustment)	\$ 28.26	\$ 32.26	\$ 36.26	\$ 40.26	\$ 44.26	\$ 48.26	\$ 52.26
Monthly Service Charge to Achieve 100% Recovery	\$ 54.23						
Monthly Service Charge Increment	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 1.97
Proposed Monthly Service Charge	\$ 32.26	\$ 36.26	\$ 40.26	\$ 44.26	\$ 48.26	\$ 52.26	\$ 54.23

**Decoupled Residential Rates**

Rate Class	Customers/ Connections		Test Year Consumption	Proposed Rates			Proposed Revenues			F/V Split	
		Average number of Customers		Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
			kWh		kWh	kW	\$	\$	\$		
R1 (i)	Customers	7,531	80,045,884	\$ 32.26	\$ 0.0248		2,915,372	1,985,329	4,900,701	59.5%	40.5%

Balance Check -

**Revenue Decoupling for the Seasonal Rate Class - 2nd Increment  
EB-2016-0055**

Rate Class	Customers/ Connections		Test Year Consumption		Proposed Rates			Proposed Revenues			Existing Split	
		Average Customers	kWh	kW	Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
						kWh	kW					
Seasonal	Customers	3,138	7,731,414		\$ 38.25	\$ 0.1600		1,440,476	1,236,989	2,677,465	53.8%	46.2%

**Seasonal Decoupling**

Current Monthly Service Charge (post IRM adjustment)	\$ 38.25
Monthly Service Charge to Achieve 100% Recovery	\$ 71.10
Monthly Service Charge Increment	\$ 4.00
Proposed Monthly Service Charge	\$ 42.25

**2017 Proposed Seasonal Rates**

Rate Class	Customers/ Connections		Test Year Consumption		Proposed Rates			Proposed Revenues			F/V Split	
		Average Customers	kWh	kW	Monthly Service Charge	Volumetric		Fixed	Variable	Total	Fixed	Variable
						kWh	kW					
Seasonal	Customers	3,138	7,731,414		\$ 42.25	\$ 0.1405		1,590,966	1,086,499	2,677,465	59.4%	40.6%

Balance Check -

**API 2017 4th Generation Incentive Regulation  
Proposed Electricity Distribution Rates  
EB-2016-0055**

Customer Class	Monthly Service Charge	Volumetric Charge	
		\$/kWh	\$/kW
	\$		
Residential - R1	32.26	0.0248	
Residential - R1 (General Service)	24.19	0.0340	
Residential - R2	622.65		3.2261
Seasonal	42.25	0.1405	
Street Lighting	1.48	0.2390	
microFIT Generator	5.40		

# **Schedule “D”**

## **Bill Impacts**

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**Algoma Power Inc.  
2017 Electricity Distribution Rate Application  
IRM**

**Bill Impact Model  
Application  
EB-2016-0055**

**12-Aug-16**

	UOM	Current Approved Rates	Proposed Rates
<b>Monthly Rates and Charges</b>			
<b>Residential - R1</b>			
Monthly Service Charge	\$	27.76	32.26
Monthly Service Charge - General Service	\$	23.76	24.19
Distribution Volumetric Rate	\$/kWh	0.0288	0.0248
Distribution Volumetric Rate - General Service	\$/kWh	0.0334	0.0340
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	-	(0.0035)
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	-	0.0068
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	\$/kWh	(0.0019)	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	0.0050
Wholesale Market Service Rate	\$/kWh	0.0036	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Smart Meter Entity Charge - effective May 1, 2013 until October 31, 2018	\$	0.79	0.79
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	0.25
<b>Residential - R2</b>			
Monthly Service Charge	\$	611.64	622.65
Distribution Volumetric Rate	\$/kW	3.1691	3.2261
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kW	-	1.5845
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	-	0.0068
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	\$/kW	(0.8010)	(0.8010)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6924	2.5251
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9084	1.8871
Wholesale Market Service Rate	\$/kWh	0.0036	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	0.25
<b>Seasonal</b>			
Monthly Service Charge	\$	34.27	42.25
Distribution Volumetric Rate	\$/kWh	0.1435	0.1405
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	-	(0.0038)
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	-	0.0068
Deferral/Variance Account Disposition - effective until June 30, 2019	\$/kWh	0.0307	0.0307
SME - Net Deferred Revenue Requirement, effective until December 31, 2016	\$	3.57	-
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	\$/kWh	(0.0019)	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	0.0066
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0051	0.0050
Wholesale Market Service Rate	\$/kWh	0.0036	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Smart Meter Entity Charge - effective May 1, 2013 until October 31, 2018	\$	0.79	0.79
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	0.25

**Street Lighting**

Monthly Service Charge	\$	1.34	1.48
Distribution Volumetric Rate	\$/kWh	0.2164	0.2390
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	\$/kWh	-	0.0054
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	\$/kWh	-	0.0068
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	\$/kWh	(0.0019)	(0.0019)
Retail Transmission Rate - Network Service Rate	\$/kW	1.9496	1.8284
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3767	1.3613
Wholesale Market Service Rate	\$/kWh	0.0036	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25	0.25

**Other**

Ontario Electricity Support Program	\$/kWh	0.0011	0.0011
Energy - First Tier	\$/kWh	0.1030	0.1030
Energy - Second Tier	\$/kWh	0.1210	0.1210

**Loss Factor**

Total Loss Factor	%	0.0917	0.0917
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**TOU**

TOU - Off Peak	\$/kWh	0.0870	0.0870
TOU - Mid Peak	\$/kWh	0.1320	0.1320
TOU - On Peak	\$/kWh	0.1800	0.1800
Energy Price Non - RPP	\$/kWh	0.1130	0.1130
Energy Price RPP	\$/kWh	0.1118	0.1118

**Appendix 2-W  
Bill Impacts**

Customer Class: **Residential - R1 [RPP]**

TOU / non-TOU: **TOU**

Consumption **750** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 27.7600	1	\$ 27.76	\$ 32.2600	1	\$ 32.26	\$ 4.50	16.21%
Distribution Volumetric Rate	per kWh	\$ 0.0288	750	\$ 21.60	\$ 0.0248	750	\$ 18.60	-\$ 3.00	-13.89%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	750	-\$ 1.43	-\$ 0.0019	750	-\$ 1.43	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 47.94			\$ 49.44	\$ 1.50	3.13%
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	750	\$ -	-\$ 0.0035	750	-\$ 2.63	-\$ 2.63	
Low Voltage Service Charge			750	\$ -		750	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	68.775	\$ 7.69	\$ 0.1118	68.775	\$ 7.69	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 56.42			\$ 55.29	-\$ 1.13	-1.99%
RTSR - Network	per kWh	\$ 0.0070	819	\$ 5.73	\$ 0.0066	819	\$ 5.40	-\$ 0.33	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	819	\$ 4.18	\$ 0.0050	819	\$ 4.09	-\$ 0.08	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 66.32			\$ 64.79	-\$ 1.53	-2.31%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	819	\$ 2.95	\$ 0.0036	819	\$ 2.95	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	819	\$ 1.06	\$ 0.0013	819	\$ 1.06	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	750	\$ 0.83	\$ 0.0011	750	\$ 0.83	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	480	\$ 41.76	\$ 0.0870	480	\$ 41.76	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				\$ 155.29			\$ 153.76	-\$ 1.53	-0.99%
HST		13%		\$ 20.19	13%		\$ 19.99	-\$ 0.20	-0.99%
<b>Total Bill (including HST)</b>				\$ 175.48			\$ 173.74	-\$ 1.73	-0.99%

Loss Factor (%)

9.17%

9.17%

**Appendix 2-W  
Bill Impacts**

Customer Class: **Residential - R1 [RPP]**

TOU / non-TOU: **TOU**

Consumption **294** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 27.7600	1	\$ 27.76	\$ 32.2600	1	\$ 32.26	\$ 4.50	16.21%
Distribution Volumetric Rate	per kWh	\$ 0.0288	294	\$ 8.47	\$ 0.0248	294	\$ 7.29	-\$ 1.18	-13.89%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	294	-\$ 0.56	-\$ 0.0019	294	-\$ 0.56	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 35.67			\$ 38.99	\$ 3.32	9.32%
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	294	\$ -	-\$ 0.0035	294	-\$ 1.03	-\$ 1.03	
Low Voltage Service Charge			294	\$ -		294	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	26.9598	\$ 3.02	\$ 0.1118	26.9598	\$ 3.02	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 39.47			\$ 41.77	\$ 2.29	5.81%
RTSR - Network	per kWh	\$ 0.0070	321	\$ 2.25	\$ 0.0066	321	\$ 2.12	-\$ 0.13	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	321	\$ 1.64	\$ 0.0050	321	\$ 1.60	-\$ 0.03	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 43.36			\$ 45.49	\$ 2.13	4.92%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	321	\$ 1.16	\$ 0.0036	321	\$ 1.16	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	321	\$ 0.42	\$ 0.0013	321	\$ 0.42	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	294	\$ 0.32	\$ 0.0011	294	\$ 0.32	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	188	\$ 16.37	\$ 0.0870	188	\$ 16.37	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	53	\$ 6.99	\$ 0.1320	53	\$ 6.99	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1800	53	\$ 9.53	\$ 0.1800	53	\$ 9.53	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				\$ 78.38			\$ 80.52	\$ 2.13	2.72%
HST		13%		\$ 10.19	13%		\$ 10.47	\$ 0.28	2.72%
<b>Total Bill (including HST)</b>				\$ 88.57			\$ 90.99	\$ 2.41	2.72%

Loss Factor (%)

9.17%

9.17%

## Appendix 2-W Bill Impacts

Customer Class: **Residential - R1 [RPP]**

TOU / non-TOU: **TOU**

Consumption **2,000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 23.7600	1	\$ 23.76	\$ 24.1900	1	\$ 24.19	\$ 0.43	1.81%
Distribution Volumetric Rate	per kWh	\$ 0.0334	2000	\$ 66.80	\$ 0.0340	2000	\$ 68.00	\$ 1.20	1.80%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	2000	-\$ 3.80	-\$ 0.0019	2000	-\$ 3.80	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 86.76			\$ 88.39	\$ 1.63	1.88%
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	2000	\$ -	-\$ 0.0035	2000	-\$ 7.00	-\$ 7.00	
Low Voltage Service Charge			2000	\$ -		2000	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	183.4	\$ 20.51	\$ 0.1118	183.4	\$ 20.51	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 108.06			\$ 102.69	-\$ 5.37	-4.97%
RTSR - Network	per kWh	\$ 0.0070	2183	\$ 15.28	\$ 0.0066	2183	\$ 14.41	-\$ 0.87	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	2183	\$ 11.14	\$ 0.0050	2183	\$ 10.92	-\$ 0.22	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 134.48			\$ 128.02	-\$ 6.46	-4.80%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	2183	\$ 7.86	\$ 0.0036	2183	\$ 7.86	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2183	\$ 2.84	\$ 0.0013	2183	\$ 2.84	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	2000	\$ 2.20	\$ 0.0011	2000	\$ 2.20	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	1280	\$ 111.36	\$ 0.0870	1280	\$ 111.36	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				\$ 371.31			\$ 364.85	-\$ 6.46	-1.74%
HST		13%		\$ 48.27	13%		\$ 47.43	-\$ 0.84	-1.74%
<b>Total Bill (including HST)</b>				\$ 419.58			\$ 412.28	-\$ 7.30	-1.74%

Loss Factor (%)

9.17%

9.17%

**Appendix 2-W  
Bill Impacts**

Customer Class: **Residential - R1 [Non-RPP]**

TOU / non-TOU: **TOU**

Consumption **750** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 27.7600	1	\$ 27.76	\$ 32.2600	1	\$ 32.26	\$ 4.50	16.21%
Distribution Volumetric Rate	per kWh	\$ 0.0288	750	\$ 21.60	\$ 0.0248	750	\$ 18.60	-\$ 3.00	-13.89%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	750	-\$ 1.43	-\$ 0.0019	750	-\$ 1.43	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 47.94			\$ 49.44	\$ 1.50	3.13%
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	750	\$ -	-\$ 0.0035	750	-\$ 2.63	-\$ 2.63	
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	per kWh	\$ -	750	\$ -	\$ 0.0068	750	\$ 5.10	\$ 5.10	
Low Voltage Service Charge			750	\$ -		750	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	68.775	\$ 7.69	\$ 0.1118	68.775	\$ 7.69	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 56.42			\$ 60.39	\$ 3.97	7.05%
RTSR - Network	per kWh	\$ 0.0070	819	\$ 5.73	\$ 0.0066	819	\$ 5.40	-\$ 0.33	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	819	\$ 4.18	\$ 0.0050	819	\$ 4.09	-\$ 0.08	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 66.32			\$ 69.89	\$ 3.57	5.38%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	819	\$ 2.95	\$ 0.0036	819	\$ 2.95	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	819	\$ 1.06	\$ 0.0013	819	\$ 1.06	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	750	\$ 0.83	\$ 0.0011	750	\$ 0.83	\$ -	0.00%
Cost of Power Non-RPP	per kWh	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
<b>Total Bill (before Taxes)</b>				\$ 156.16			\$ 159.73	\$ 3.57	2.28%
HST		13%		\$ 20.30	13%		\$ 20.76	\$ 0.46	2.28%
<b>Total Bill (including HST)</b>				\$ 176.46			\$ 180.49	\$ 4.03	2.28%

Loss Factor (%)

9.17%

9.17%

**Appendix 2-W  
Bill Impacts**

Customer Class: **Residential - R2 [NON-RPP]**

Consumption **90,000** kWh

Billing Demand **225** kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 611.6400	1	\$ 611.64	\$ 622.6500	1	\$ 622.65	\$ 11.01	1.80%
Distribution Volumetric Rate	per kW	\$ 3.1691	225	\$ 713.05	\$ 3.2261	225	\$ 725.87	\$ 12.83	1.80%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kW	-\$ 0.8010	225	-\$ 180.23	-\$ 0.8010	225	-\$ 180.23	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 1,144.46			\$ 1,168.30	\$ 23.84	2.08%
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kW	\$ -	225	\$ -	\$ 1.5845	225	\$ 356.51	\$ 356.51	
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	per kWh	\$ -	90,000	\$ -	\$ 0.0068	90,000	\$ 612.00	\$ 612.00	
Low Voltage Service Charge			225	\$ -		225	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.11184	8253	\$ 923.02	\$ 0.11184	8253	\$ 923.02	\$ -	0.00%
Smart Meter Entity Charge	Monthly		1	\$ -		1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 2,067.48			\$ 3,059.83	\$ 992.35	48.00%
RTSR - Network	per kW	\$ 2.6924	246	\$ 661.34	\$ 2.5251	246	\$ 620.25	-\$ 41.09	-6.21%
RTSR - Line and Transformation Connection	per kW	\$ 1.9084	246	\$ 468.77	\$ 1.8871	246	\$ 463.53	-\$ 5.23	-1.12%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 3,197.58			\$ 4,143.61	\$ 946.02	29.59%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	98253	\$ 353.71	\$ 0.0036	98253	\$ 353.71	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	98253	\$ 127.73	\$ 0.0013	98253	\$ 127.73	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	90000	\$ 99.00	\$ 0.0011	90000	\$ 99.00	\$ -	0.00%
Cost of Power (Non-RPP)	per kWh	\$ 0.11300	90000	\$ 10,170.00	\$ 0.11300	90000	\$ 10,170.00	\$ -	0.00%
<b>Total Bill (before Taxes)</b>				\$ 13,948.27			\$ 14,894.29	\$ 946.02	6.78%
HST		13%		\$ 1,813.28	13%		\$ 1,936.26	\$ 122.98	6.78%
<b>Total Bill (including HST)</b>				\$ 15,761.55			\$ 16,830.55	\$ 1,069.00	6.78%

Loss Factor (%)

9.17%

9.17%



## Appendix 2-W Bill Impacts

Customer Class: **Seasonal [RPP]**

TOU / non-TOU: **TOU**

Consumption **750** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 34.2700	1	\$ 34.27	\$ 42.2500	1	\$ 42.25	\$ 7.98	23.29%
SME - Net Deferred Revenue Requirement, effective until December 31, 2016	Monthly	\$ 3.5700	1	\$ 3.57	\$ -	1	\$ -	-\$ 3.57	-100.00%
Distribution Volumetric Rate	per kWh	\$ 0.1435	750	\$ 107.63	\$ 0.1405	750	\$ 105.38	-\$ 2.25	-2.09%
Smart Meter Disposition Rider			750	\$ -		750	\$ -	\$ -	
LRAM & SSM Rate Rider			750	\$ -		750	\$ -	\$ -	
Deferral/Variance Account Disposition - effective until June 30, 2019	per kWh	\$ 0.0307	750	\$ 23.03	\$ 0.0307	750	\$ 23.03	\$ -	0.00%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	750	-\$ 1.43	-\$ 0.0019	750	-\$ 1.43	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 167.07</b>			<b>\$ 169.23</b>	<b>\$ 2.16</b>	<b>1.29%</b>
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	750	\$ -	-\$ 0.0038	750	-\$ 2.85	-\$ 2.85	
Low Voltage Service Charge			750	\$ -		750	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	68.775	\$ 7.69	\$ 0.1118	68.775	\$ 7.69	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 175.55</b>			<b>\$ 174.86</b>	<b>-\$ 0.69</b>	<b>-0.39%</b>
RTSR - Network	per kWh	\$ 0.0070	819	\$ 5.73	\$ 0.0066	819	\$ 5.40	-\$ 0.33	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	819	\$ 4.18	\$ 0.0050	819	\$ 4.09	-\$ 0.08	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 185.45</b>			<b>\$ 184.35</b>	<b>-\$ 1.10</b>	<b>-0.59%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	819	\$ 2.95	\$ 0.0036	819	\$ 2.95	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	819	\$ 1.06	\$ 0.0013	819	\$ 1.06	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	750	\$ 0.83	\$ 0.0011	750	\$ 0.83	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	480	\$ 41.76	\$ 0.0870	480	\$ 41.76	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 274.42</b>			<b>\$ 273.32</b>	<b>-\$ 1.10</b>	<b>-0.40%</b>
HST		13%		\$ 35.67	13%		\$ 35.53	-\$ 0.14	-0.40%
<b>Total Bill (including HST)</b>				<b>\$ 310.10</b>			<b>\$ 308.85</b>	<b>-\$ 1.24</b>	<b>-0.40%</b>

Loss Factor (%)

9.17%

9.17%

**Appendix 2-W  
Bill Impacts**

Customer Class: **Seasonal [RPP]**

TOU / non-TOU: **TOU**

Consumption **205** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 34.2700	1	\$ 34.27	\$ 42.2500	1	\$ 42.25	\$ 7.98	23.29%
SME - Net Deferred Revenue Requirement, effective until December 31, 2016	Monthly	\$ 3.5700	1	\$ 3.57	\$ -	1	\$ -	-\$ 3.57	-100.00%
Distribution Volumetric Rate	per kWh	\$ 0.1435	205	\$ 29.42	\$ 0.1405	205	\$ 28.80	-\$ 0.61	-2.09%
Smart Meter Disposition Rider			205	\$ -		205	\$ -	\$ -	
LRAM & SSM Rate Rider			205	\$ -		205	\$ -	\$ -	
Deferral/Variance Account Disposition - effective until June 30, 2019	per kWh	\$ 0.0307	205	\$ 6.29	\$ 0.0307	205	\$ 6.29	\$ -	0.00%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	205	-\$ 0.39	-\$ 0.0019	205	-\$ 0.39	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 73.16</b>			<b>\$ 76.96</b>	<b>\$ 3.80</b>	<b>5.19%</b>
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	205	\$ -	-\$ 0.0038	205	-\$ 0.78	-\$ 0.78	
Low Voltage Service Charge			205	\$ -		205	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	18.7985	\$ 2.10	\$ 0.1118	18.7985	\$ 2.10	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 76.05</b>			<b>\$ 79.07</b>	<b>\$ 3.02</b>	<b>3.97%</b>
RTSR - Network	per kWh	\$ 0.0070	224	\$ 1.57	\$ 0.0066	224	\$ 1.48	-\$ 0.09	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	224	\$ 1.14	\$ 0.0050	224	\$ 1.12	-\$ 0.02	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 78.76</b>			<b>\$ 81.67</b>	<b>\$ 2.90</b>	<b>3.69%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	224	\$ 0.81	\$ 0.0036	224	\$ 0.81	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	224	\$ 0.29	\$ 0.0013	224	\$ 0.29	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	205	\$ 0.23	\$ 0.0011	205	\$ 0.23	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	131	\$ 11.41	\$ 0.0870	131	\$ 11.41	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	37	\$ 4.87	\$ 0.1320	37	\$ 4.87	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1800	37	\$ 6.64	\$ 0.1800	37	\$ 6.64	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 103.26</b>			<b>\$ 106.17</b>	<b>\$ 2.90</b>	<b>2.81%</b>
HST		13%		\$ 13.42	13%		\$ 13.80	\$ 0.38	2.81%
<b>Total Bill (including HST)</b>				<b>\$ 116.69</b>			<b>\$ 119.97</b>	<b>\$ 3.28</b>	<b>2.81%</b>

Loss Factor (%)

9.17%

9.17%

**Appendix 2-W  
Bill Impacts**

Customer Class: **Seasonal [RPP]**

TOU / non-TOU: **TOU**

Consumption **50** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 34.2700	1	\$ 34.27	\$ 42.2500	1	\$ 42.25	\$ 7.98	23.29%
SME - Net Deferred Revenue Requirement, effective until December 31, 2016	Monthly	\$ 3.5700	1	\$ 3.57	\$ -	1	\$ -	-\$ 3.57	-100.00%
Distribution Volumetric Rate	per kWh	\$ 0.1435	50	\$ 7.18	\$ 0.1405	50	\$ 7.03	-\$ 0.15	-2.09%
Smart Meter Disposition Rider			50	\$ -		50	\$ -	\$ -	
LRAM & SSM Rate Rider			50	\$ -		50	\$ -	\$ -	
Deferral/Variance Account Disposition - effective until June 30, 2019	per kWh	\$ 0.0307	50	\$ 1.54	\$ 0.0307	50	\$ 1.54	\$ -	0.00%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	50	-\$ 0.10	-\$ 0.0019	50	-\$ 0.10	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				<b>\$ 46.46</b>			<b>\$ 50.72</b>	<b>\$ 4.26</b>	<b>9.17%</b>
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	50	\$ -	-\$ 0.0038	50	-\$ 0.19	-\$ 0.19	
Low Voltage Service Charge			50	\$ -		50	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1118	4.585	\$ 0.51	\$ 0.1118	4.585	\$ 0.51	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				<b>\$ 47.76</b>			<b>\$ 51.83</b>	<b>\$ 4.07</b>	<b>8.52%</b>
RTSR - Network	per kWh	\$ 0.0070	55	\$ 0.38	\$ 0.0066	55	\$ 0.36	-\$ 0.02	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	55	\$ 0.28	\$ 0.0050	55	\$ 0.27	-\$ 0.01	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				<b>\$ 48.42</b>			<b>\$ 52.46</b>	<b>\$ 4.04</b>	<b>8.35%</b>
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	55	\$ 0.20	\$ 0.0036	55	\$ 0.20	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	55	\$ 0.07	\$ 0.0013	55	\$ 0.07	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	50	\$ 0.06	\$ 0.0011	50	\$ 0.06	\$ -	0.00%
TOU - Off Peak	per kWh	\$ 0.0870	32	\$ 2.78	\$ 0.0870	32	\$ 2.78	\$ -	0.00%
TOU - Mid Peak	per kWh	\$ 0.1320	9	\$ 1.19	\$ 0.1320	9	\$ 1.19	\$ -	0.00%
TOU - On Peak	per kWh	\$ 0.1800	9	\$ 1.62	\$ 0.1800	9	\$ 1.62	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				<b>\$ 54.58</b>			<b>\$ 58.63</b>	<b>\$ 4.04</b>	<b>7.41%</b>
HST		13%		\$ 7.10	13%		\$ 7.62	\$ 0.53	7.41%
<b>Total Bill (including HST)</b>				<b>\$ 61.68</b>			<b>\$ 66.25</b>	<b>\$ 4.57</b>	<b>7.41%</b>

Loss Factor (%)

9.17%

9.17%

**Appendix 2-W  
Bill Impacts**

Customer Class: **Seasonal [Non-RPP]**

TOU / non-TOU: **non-TOU**

Consumption **750** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 34.2700	1	\$ 34.27	\$ 42.2500	1	\$ 42.25	\$ 7.98	23.29%
SME - Net Deferred Revenue Requirement, effective until December 31, 2016	Monthly	\$ 3.5700	1	\$ 3.57	\$ -	1	\$ -	-\$ 3.57	-100.00%
Distribution Volumetric Rate	per kWh	\$ 0.1435	750	\$ 107.63	\$ 0.1405	750	\$ 105.38	-\$ 2.25	-2.09%
Smart Meter Disposition Rider			750	\$ -		750	\$ -	\$ -	
LRAM & SSM Rate Rider			750	\$ -		750	\$ -	\$ -	
Deferral/Variance Account Disposition - effective until June 30, 2019	per kWh	\$ 0.0307	750	\$ 23.03	\$ 0.0307	750	\$ 23.03	\$ -	0.00%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	750	-\$ 1.43	-\$ 0.0019	750	-\$ 1.43	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 167.07			\$ 169.23	\$ 2.16	1.29%
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	750	\$ -	-\$ 0.0038	750	-\$ 2.85	-\$ 2.85	
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	per kWh	\$ -	750	\$ -	\$ 0.0068	750	\$ 5.10	\$ 5.10	
Low Voltage Service Charge			750	\$ -		750	\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.1130	68.775	\$ 7.77	\$ 0.1130	68.775	\$ 7.77	\$ -	0.00%
Smart Meter Entity Charge	Monthly	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 175.63			\$ 180.04	\$ 4.41	2.51%
RTSR - Network	per kWh	\$ 0.0070	819	\$ 5.73	\$ 0.0066	819	\$ 5.40	-\$ 0.33	-5.71%
RTSR - Line and Transformation Connection	per kWh	\$ 0.0051	819	\$ 4.18	\$ 0.0050	819	\$ 4.09	-\$ 0.08	-1.96%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 185.53			\$ 189.53	\$ 4.00	2.16%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	819	\$ 2.95	\$ 0.0036	819	\$ 2.95	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	819	\$ 1.06	\$ 0.0013	819	\$ 1.06	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	750	\$ 0.83	\$ 0.0011	750	\$ 0.83	\$ -	0.00%
Cost of Power (Non-RPP)	per kWh	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
<b>Total Bill on TOU (before Taxes)</b>				\$ 275.37			\$ 279.37	\$ 4.00	1.45%
HST		13%		\$ 35.80	13%		\$ 36.32	\$ 0.52	1.45%
<b>Total Bill (including HST)</b>				\$ 311.17			\$ 315.69	\$ 4.52	1.45%

Loss Factor (%)

9.17%

9.17%

## Appendix 2-W Bill Impacts

Customer Class: **Street Lighting (Non - RPP)**

Consumption **19,056** kWh

Billing Demand **62** kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1.3400	391	\$ 523.94	\$ 1.4800	391	\$ 578.68	\$ 54.74	10.45%
Distribution Volumetric Rate	per kWh	\$ 0.2164	19,056	\$ 4,123.72	\$ 0.2390	19,056	\$ 4,554.38	\$ 430.67	10.44%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	19,056	-\$ 36.21	-\$ 0.0019	19,056	-\$ 36.21	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 4,611.45		\$ 5,096.86	<b>\$ 485.41</b>	<b>10.53%</b>	
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	19,056	\$ -	\$ 0.0054	19,056	\$ 102.90	\$ 102.90	
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	per kWh	\$ -	19,056	\$ -	\$ 0.0068	19,056	\$ 129.58	\$ 129.58	
Low Voltage Service Charge				\$ -			\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.11300	1747.44	\$ 197.46	\$ 0.11300	1747.44	\$ 197.46	\$ -	0.00%
Smart Meter Entity Charge	Monthly		1	\$ -		1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 4,808.91		\$ 5,526.80	<b>\$ 717.89</b>	<b>14.93%</b>	
RTSR - Network	per kW	\$ 1.9496	68	\$ 131.96	\$ 1.8284	68	\$ 123.76	-\$ 8.20	-6.22%
RTSR - Line and Transformation Connection	per kW	\$ 1.3767	68	\$ 93.18	\$ 1.3613	68	\$ 92.14	-\$ 1.04	-1.12%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 5,034.05		\$ 5,742.70	<b>\$ 708.64</b>	<b>14.08%</b>	
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	20803	\$ 74.89	\$ 0.0036	20803	\$ 74.89	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	20803	\$ 27.04	\$ 0.0013	20803	\$ 27.04	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	19056	\$ 20.96	\$ 0.0011	19056	\$ 20.96	\$ -	0.00%
Cost of Power (Non-RPP)	per kWh	\$ 0.1130	19056	\$ 2,153.33	\$ 0.1130	19056	\$ 2,153.33	\$ -	0.00%
<b>Total Bill (before Taxes)</b>				\$ 7,310.53		\$ 8,019.17	<b>\$ 708.64</b>	<b>9.69%</b>	
HST		13%		\$ 950.37	13%	\$ 1,042.49	\$ 92.12	9.69%	
<b>Total Bill (including HST)</b>				\$ 8,260.90		\$ 9,061.67	<b>\$ 800.77</b>	<b>9.69%</b>	

Loss Factor (%)

9.17%

9.17%

## Appendix 2-W Bill Impacts

Customer Class: **Street Lighting (Non - RPP)**

Consumption **150** kWh

Billing Demand **1** kW

	Charge Unit	Current Board-Approved			Proposed			Impact	
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	Monthly	\$ 1.3400	1	\$ 1.34	\$ 1.4800	1	\$ 1.48	\$ 0.14	10.45%
Distribution Volumetric Rate	per kWh	\$ 0.2164	150	\$ 32.46	\$ 0.2390	150	\$ 35.85	\$ 3.39	10.44%
Rate Rider for the Disposition of Account 1575 & 1576 - effective until December 31, 2019	per kWh	-\$ 0.0019	150	-\$ 0.29	-\$ 0.0019	150	-\$ 0.29	\$ -	0.00%
<b>Sub-Total A (excluding pass through)</b>				\$ 33.52		\$ 37.05	<b>\$ 3.53</b>	<b>10.53%</b>	
Rate Rider for the Disposition of Deferral/Variance Accounts (2017) - effective until December 31, 2017	per kWh	\$ -	150	\$ -	\$ 0.0054	150	\$ 0.81	\$ 0.81	
Rate Rider for the Disposition of Global Adjustment Sub-Account (2017) - effective until December 31, 2017	per kWh	\$ -	150	\$ -	\$ 0.0068	150	\$ 1.02	\$ 1.02	
Low Voltage Service Charge				\$ -			\$ -	\$ -	
Line Losses on Cost of Power	per kWh	\$ 0.11300	13.755	\$ 1.55	\$ 0.11300	13.755	\$ 1.55	\$ -	0.00%
Smart Meter Entity Charge	Monthly		1	\$ -		1	\$ -	\$ -	
<b>Sub-Total B - Distribution (includes Sub-Total A)</b>				\$ 35.07		\$ 40.43	<b>\$ 5.36</b>	<b>15.28%</b>	
RTSR - Network	per kW	\$ 1.9496	1	\$ 2.13	\$ 1.8284	1	\$ 2.00	-\$ 0.13	-6.22%
RTSR - Line and Transformation Connection	per kW	\$ 1.3767	1	\$ 1.50	\$ 1.3613	1	\$ 1.49	-\$ 0.02	-1.12%
<b>Sub-Total C - Delivery (including Sub-Total B)</b>				\$ 38.70		\$ 43.91	<b>\$ 5.21</b>	<b>13.46%</b>	
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0036	164	\$ 0.59	\$ 0.0036	164	\$ 0.59	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	164	\$ 0.21	\$ 0.0013	164	\$ 0.21	\$ -	0.00%
Standard Supply Service Charge	Monthly	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
OESP Charge	per kWh	\$ 0.0011	150	\$ 0.17	\$ 0.0011	150	\$ 0.17	\$ -	0.00%
Cost of Power (Non-RPP)	per kWh	\$ 0.1130	150	\$ 16.95	\$ 0.1130	150	\$ 16.95	\$ -	0.00%
<b>Total Bill (before Taxes)</b>				\$ 56.87		\$ 62.08	<b>\$ 5.21</b>	<b>9.16%</b>	
HST		13%		\$ 7.39	13%	\$ 8.07	\$ 0.68	9.16%	
<b>Total Bill (including HST)</b>				\$ 64.26		\$ 70.15	<b>\$ 5.89</b>	<b>9.16%</b>	

Loss Factor (%)

9.17%

9.17%

**Selected Delivery Charge and Bill Impacts  
Algoma Power Inc. 2017**

Customer Classification and Billing Type	Energy kWh	Demand kW	Monthly Delivery Charge			
			Current	Per Application	Change	
					\$	%
Residential - R1	750		\$ 66.32	\$ 64.79	-\$ 1.53	-2.3%
Residential - R1	294		\$ 43.36	\$ 45.49	\$ 2.13	4.9%
Residential - R1 GS	2,000		\$ 134.48	\$ 128.02	-\$ 6.46	-4.8%
Residential - R2	90,000	225	\$ 3,197.58	\$ 4,143.61	\$ 946.02	29.6%
Seasonal	750		\$ 185.45	\$ 184.35	-\$ 1.10	-0.6%
Seasonal	205		\$ 78.76	\$ 81.67	\$ 2.90	3.7%
Seasonal	50		\$ 48.42	\$ 52.46	\$ 4.04	8.3%
Street Lighting	19,056	62	\$ 5,034.05	\$ 5,742.70	\$ 708.64	14.1%
<b>Total Bill</b>						
Customer Classification and Billing Type	Energy kWh	Demand kW	Total Bill			
			Current	Per Application	Change	
					\$	%
Residential - R1	750		\$ 175.48	\$ 173.74	-\$ 1.73	-1.0%
Residential - R1	294		\$ 88.57	\$ 90.99	\$ 2.41	2.7%
Residential - R1 GS	2,000		\$ 419.58	\$ 412.28	-\$ 7.30	-1.7%
Residential - R2	90,000	225	\$ 15,761.55	\$ 16,830.55	\$ 1,069.00	6.8%
Seasonal	750		\$ 310.10	\$ 308.85	-\$ 1.24	-0.4%
Seasonal	205		\$ 116.69	\$ 119.97	\$ 3.28	2.8%
Seasonal	50		\$ 61.68	\$ 66.25	\$ 4.57	7.4%
Street Lighting	19,056	62	\$ 8,260.90	\$ 9,061.67	\$ 800.77	9.7%

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# **Schedule “E”**

## **2017 Retail Transmission Service Rates**

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# 2017 RTSR Workform for Electricity Distributors

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

Utility Name	Algoma Power Inc.
Service Territory	Algoma Region
Assigned EB Number	EB-2016-0055
Name and Title	Brian Vander Vloet, Manager Regulatory Accounting
Phone Number	905-871-0330
Email Address	brian.vandervloet@cnpower.com
Date	15-Aug-16
Last COS Re-based Year	2015

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# 2017 RTSR Workform for Electricity Distributors

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# 2017 RTSR Workform for Electricity Distributors

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor <i>eg: (1.0325)</i>	Loss Adjusted Billed kWh
Residential – High Density [R1]	RTSR - Network	kWh	0.0070	107,006,500		1.0917	116,818,996
Residential – High Density [R1]	RTSR - Connection	kWh	0.0051	107,006,500		1.0917	116,818,996
General Service 50 to 4,999 kW	RTSR - Network	kW	2.6924	86,528,984	208,261		
General Service 50 to 4,999 kW	RTSR - Connection	kW	1.9084	86,528,984	208,261		
Seasonal Residential – Normal Density [R4]	RTSR - Network	kWh	0.0070	6,868,390		1.0917	7,498,222
Seasonal Residential – Normal Density [R4]	RTSR - Connection	kWh	0.0051	6,868,390		1.0917	7,498,222
Street Lighting	RTSR - Network	kW	1.9496	742,696	2,128		
Street Lighting	RTSR - Connection	kW	1.3767	742,696	2,128		



# 2017 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2015		2016	
Rate Description			Rate		Rate	
Network Service Rate		kW	\$	3.78	\$	3.66
Line Connection Service Rate		kW	\$	0.86	\$	0.87
Transformation Connection Service Rate		kW	\$	2.00	\$	2.02

Hydro One Sub-Transmission Rates		Unit	2015 - 2016		2016	
Rate Description			Rate		Rate	
			Jan - April 2015	May 2015 - Jan 2016	Feb - Dec 2016	
Network Service Rate		kW	\$ 3.23	\$ 3.4121	\$	3.3396
Line Connection Service Rate		kW	\$ 0.65	\$ 0.7879	\$	0.7791
Transformation Connection Service Rate		kW	\$ 1.62	\$ 1.8018	\$	1.7713
Both Line and Transformation Connection Service Rate		kW	\$ 2.27	\$ 2.5897	\$	2.5504

If needed, add extra host here. (I)		Unit	2015		2016	
Rate Description			Rate		Rate	
Network Service Rate		kW				
Line Connection Service Rate		kW				
Transformation Connection Service Rate		kW				
Both Line and Transformation Connection Service Rate		kW	\$	-	\$	-

If needed, add extra host here. (II)		Unit	Effective January 1, 2014		Effective January 1, 2015	
Rate Description			Rate		Rate	
Network Service Rate		kW				
Line Connection Service Rate		kW				
Transformation Connection Service Rate		kW				
Both Line and Transformation Connection Service Rate		kW	\$	-	\$	-
<b>Low Voltage Switchgear Credit (if applicable, enter as a negative value)</b>		\$	<b>Historical 2015</b>		<b>Current 2016</b>	





**2017**

**Rate**

\$	3.66
\$	0.87
\$	2.02

**2017**

**Rate**

\$	-

**2017**

**Rate**

\$	-

**Effective  
January 1, 2016**

**Rate**

\$	-

**Forecast 2017**

--	--



# 2017 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	41,415	\$3.78	\$ 156,549	20,908	\$0.86	\$ 17,981	43,127	\$2.00	\$ 86,254	\$ 104,235
February	43,176	\$3.78	\$ 163,205	21,335	\$0.86	\$ 18,348	46,952	\$2.00	\$ 93,904	\$ 112,252
March	38,067	\$3.78	\$ 143,893	19,903	\$0.86	\$ 17,117	41,358	\$2.00	\$ 82,716	\$ 99,833
April	30,261	\$3.78	\$ 114,387	17,280	\$0.86	\$ 14,861	34,947	\$2.00	\$ 69,894	\$ 84,755
May	25,597	\$3.78	\$ 96,757	14,342	\$0.86	\$ 12,334	30,451	\$2.00	\$ 60,902	\$ 73,236
June	23,756	\$3.78	\$ 89,798	13,932	\$0.86	\$ 11,982	28,312	\$2.00	\$ 56,624	\$ 68,606
July	24,132	\$3.78	\$ 91,219	14,613	\$0.86	\$ 12,567	27,949	\$2.00	\$ 55,898	\$ 68,465
August	25,745	\$3.78	\$ 97,316	15,142	\$0.86	\$ 13,022	29,197	\$2.00	\$ 58,394	\$ 71,416
September	26,297	\$3.78	\$ 99,403	16,328	\$0.86	\$ 14,042	30,085	\$2.00	\$ 60,170	\$ 74,212
October	28,147	\$3.78	\$ 106,396	16,090	\$0.86	\$ 13,837	32,241	\$2.00	\$ 64,482	\$ 78,319
November	29,584	\$3.78	\$ 111,828	17,984	\$0.86	\$ 15,466	34,525	\$2.00	\$ 69,050	\$ 84,516
December	31,558	\$3.78	\$ 119,289	19,133	\$0.86	\$ 16,454	38,068	\$2.00	\$ 76,136	\$ 92,590
<b>Total</b>	367,735	\$ 3.78	\$ 1,390,038	206,990	\$ 0.86	\$ 178,011	417,212	\$ 2.00	\$ 834,424	\$ 1,012,435

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (I) (if needed)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January		\$0.00			\$0.00			\$0.00		\$ -
February		\$0.00			\$0.00			\$0.00		\$ -
March		\$0.00			\$0.00			\$0.00		\$ -
April		\$0.00			\$0.00			\$0.00		\$ -
May		\$0.00			\$0.00			\$0.00		\$ -
June		\$0.00			\$0.00			\$0.00		\$ -
July		\$0.00			\$0.00			\$0.00		\$ -
August		\$0.00			\$0.00			\$0.00		\$ -
September		\$0.00			\$0.00			\$0.00		\$ -
October		\$0.00			\$0.00			\$0.00		\$ -
November		\$0.00			\$0.00			\$0.00		\$ -
December		\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



# 2017 RTSR Workform for Electricity Distributors

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Sheet "4. RRR Data". For Hydro One Sub-transmission Rates, if you are charged a *combined* Line and Transformer connection rate, please ensure that both the line connection and transformer connection columns are completed.

Add Extra Host Here (II) (if needed)	Network			Line Connection			Transformation Connection			Total Line	
	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January			\$0.00			\$0.00			\$0.00		\$ -
February			\$0.00			\$0.00			\$0.00		\$ -
March			\$0.00			\$0.00			\$0.00		\$ -
April			\$0.00			\$0.00			\$0.00		\$ -
May			\$0.00			\$0.00			\$0.00		\$ -
June			\$0.00			\$0.00			\$0.00		\$ -
July			\$0.00			\$0.00			\$0.00		\$ -
August			\$0.00			\$0.00			\$0.00		\$ -
September			\$0.00			\$0.00			\$0.00		\$ -
October			\$0.00			\$0.00			\$0.00		\$ -
November			\$0.00			\$0.00			\$0.00		\$ -
December			\$0.00			\$0.00			\$0.00		\$ -
<b>Total</b>		-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total	Network			Line Connection			Transformation Connection			Total Line
	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount
January	41,415	\$3.78	\$ 156,549	20,908	\$0.86	\$ 17,981	43,127	\$2.00	\$ 86,254	\$ 104,235
February	43,176	\$3.78	\$ 163,205	21,335	\$0.86	\$ 18,348	46,952	\$2.00	\$ 93,904	\$ 112,252
March	38,067	\$3.78	\$ 143,893	19,903	\$0.86	\$ 17,117	41,358	\$2.00	\$ 82,716	\$ 99,833
April	30,261	\$3.78	\$ 114,387	17,280	\$0.86	\$ 14,861	34,947	\$2.00	\$ 69,894	\$ 84,755
May	25,597	\$3.78	\$ 96,757	14,342	\$0.86	\$ 12,334	30,451	\$2.00	\$ 60,902	\$ 73,236
June	23,756	\$3.78	\$ 89,798	13,932	\$0.86	\$ 11,982	28,312	\$2.00	\$ 56,624	\$ 68,606
July	24,132	\$3.78	\$ 91,219	14,613	\$0.86	\$ 12,567	27,949	\$2.00	\$ 55,898	\$ 68,465
August	25,745	\$3.78	\$ 97,316	15,142	\$0.86	\$ 13,022	29,197	\$2.00	\$ 58,394	\$ 71,416
September	26,297	\$3.78	\$ 99,403	16,328	\$0.86	\$ 14,042	30,085	\$2.00	\$ 60,170	\$ 74,212
October	28,147	\$3.78	\$ 106,396	16,090	\$0.86	\$ 13,837	32,241	\$2.00	\$ 64,482	\$ 78,319
November	29,584	\$3.78	\$ 111,828	17,984	\$0.86	\$ 15,466	34,525	\$2.00	\$ 69,050	\$ 84,516
December	31,558	\$3.78	\$ 119,289	19,133	\$0.86	\$ 16,454	38,068	\$2.00	\$ 76,136	\$ 92,590
<b>Total</b>	367,735	\$ 3.78	\$ 1,390,038	206,990	\$ 0.86	\$ 178,011	417,212	\$ 2.00	\$ 834,424	\$ 1,012,435



# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	41,415	\$ 3.6600	\$ 151,579	20,908	\$ 0.8700	\$ 18,190	43,127	\$ 2.0200	\$ 87,117	\$ 105,307
February	43,176	\$ 3.6600	\$ 158,024	21,335	\$ 0.8700	\$ 18,561	46,952	\$ 2.0200	\$ 94,843	\$ 113,404
March	38,067	\$ 3.6600	\$ 139,325	19,903	\$ 0.8700	\$ 17,316	41,358	\$ 2.0200	\$ 83,543	\$ 100,859
April	30,261	\$ 3.6600	\$ 110,755	17,280	\$ 0.8700	\$ 15,034	34,947	\$ 2.0200	\$ 70,593	\$ 85,627
May	25,597	\$ 3.6600	\$ 93,685	14,342	\$ 0.8700	\$ 12,478	30,451	\$ 2.0200	\$ 61,511	\$ 73,989
June	23,756	\$ 3.6600	\$ 86,947	13,932	\$ 0.8700	\$ 12,121	28,312	\$ 2.0200	\$ 57,190	\$ 69,311
July	24,132	\$ 3.6600	\$ 88,323	14,613	\$ 0.8700	\$ 12,713	27,949	\$ 2.0200	\$ 56,457	\$ 69,170
August	25,745	\$ 3.6600	\$ 94,227	15,142	\$ 0.8700	\$ 13,174	29,197	\$ 2.0200	\$ 58,978	\$ 72,151
September	26,297	\$ 3.6600	\$ 96,247	16,328	\$ 0.8700	\$ 14,205	30,085	\$ 2.0200	\$ 60,772	\$ 74,977
October	28,147	\$ 3.6600	\$ 103,018	16,090	\$ 0.8700	\$ 13,998	32,241	\$ 2.0200	\$ 65,127	\$ 79,125
November	29,584	\$ 3.6600	\$ 108,277	17,984	\$ 0.8700	\$ 15,646	34,525	\$ 2.0200	\$ 69,741	\$ 85,387
December	31,558	\$ 3.6600	\$ 115,502	19,133	\$ 0.8700	\$ 16,646	38,068	\$ 2.0200	\$ 76,897	\$ 93,543
<b>Total</b>	<b>367,735</b>	<b>\$ 3.66</b>	<b>\$ 1,345,910</b>	<b>206,990</b>	<b>\$ 0.87</b>	<b>\$ 180,081</b>	<b>417,212</b>	<b>\$ 2.02</b>	<b>\$ 842,768</b>	<b>\$ 1,022,850</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.4121	\$ -	-	\$ 0.7879	\$ -	-	\$ 1.8018	\$ -	\$ -
February	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
March	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
April	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
May	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
June	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
July	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
August	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
September	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
October	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
November	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
December	-	\$ 3.3396	\$ -	-	\$ 0.7791	\$ -	-	\$ 1.7713	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	41,415	\$3.66	\$ 151,579	20,908	\$0.87	\$ 18,190	43,127	\$2.02	\$ 87,117	\$ 105,307
February	43,176	\$3.66	\$ 158,024	21,335	\$0.87	\$ 18,561	46,952	\$2.02	\$ 94,843	\$ 113,404
March	38,067	\$3.66	\$ 139,325	19,903	\$0.87	\$ 17,316	41,358	\$2.02	\$ 83,543	\$ 100,859
April	30,261	\$3.66	\$ 110,755	17,280	\$0.87	\$ 15,034	34,947	\$2.02	\$ 70,593	\$ 85,627
May	25,597	\$3.66	\$ 93,685	14,342	\$0.87	\$ 12,478	30,451	\$2.02	\$ 61,511	\$ 73,989
June	23,756	\$3.66	\$ 86,947	13,932	\$0.87	\$ 12,121	28,312	\$2.02	\$ 57,190	\$ 69,311
July	24,132	\$3.66	\$ 88,323	14,613	\$0.87	\$ 12,713	27,949	\$2.02	\$ 56,457	\$ 69,170
August	25,745	\$3.66	\$ 94,227	15,142	\$0.87	\$ 13,174	29,197	\$2.02	\$ 58,978	\$ 72,151
September	26,297	\$3.66	\$ 96,247	16,328	\$0.87	\$ 14,205	30,085	\$2.02	\$ 60,772	\$ 74,977
October	28,147	\$3.66	\$ 103,018	16,090	\$0.87	\$ 13,998	32,241	\$2.02	\$ 65,127	\$ 79,125
November	29,584	\$3.66	\$ 108,277	17,984	\$0.87	\$ 15,646	34,525	\$2.02	\$ 69,741	\$ 85,387
December	31,558	\$3.66	\$ 115,502	19,133	\$0.87	\$ 16,646	38,068	\$2.02	\$ 76,897	\$ 93,543
<b>Total</b>	<b>367,735</b>	<b>\$ 3.66</b>	<b>\$ 1,345,910</b>	<b>206,990</b>	<b>\$ 0.87</b>	<b>\$ 180,081</b>	<b>417,212</b>	<b>\$ 2.02</b>	<b>\$ 842,768</b>	<b>\$ 1,022,850</b>



# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	41,415	\$ 3.6600	\$ 151,579	20,908	\$ 0.8700	\$ 18,190	43,127	\$ 2.0200	\$ 87,117	\$ 105,307
February	43,176	\$ 3.6600	\$ 158,024	21,335	\$ 0.8700	\$ 18,561	46,952	\$ 2.0200	\$ 94,843	\$ 113,404
March	38,067	\$ 3.6600	\$ 139,325	19,903	\$ 0.8700	\$ 17,316	41,358	\$ 2.0200	\$ 83,543	\$ 100,859
April	30,261	\$ 3.6600	\$ 110,755	17,280	\$ 0.8700	\$ 15,034	34,947	\$ 2.0200	\$ 70,593	\$ 85,627
May	25,597	\$ 3.6600	\$ 93,685	14,342	\$ 0.8700	\$ 12,478	30,451	\$ 2.0200	\$ 61,511	\$ 73,989
June	23,756	\$ 3.6600	\$ 86,947	13,932	\$ 0.8700	\$ 12,121	28,312	\$ 2.0200	\$ 57,190	\$ 69,311
July	24,132	\$ 3.6600	\$ 88,323	14,613	\$ 0.8700	\$ 12,713	27,949	\$ 2.0200	\$ 56,457	\$ 69,170
August	25,745	\$ 3.6600	\$ 94,227	15,142	\$ 0.8700	\$ 13,174	29,197	\$ 2.0200	\$ 58,978	\$ 72,151
September	26,297	\$ 3.6600	\$ 96,247	16,328	\$ 0.8700	\$ 14,205	30,085	\$ 2.0200	\$ 60,772	\$ 74,977
October	28,147	\$ 3.6600	\$ 103,018	16,090	\$ 0.8700	\$ 13,998	32,241	\$ 2.0200	\$ 65,127	\$ 79,125
November	29,584	\$ 3.6600	\$ 108,277	17,984	\$ 0.8700	\$ 15,646	34,525	\$ 2.0200	\$ 69,741	\$ 85,387
December	31,558	\$ 3.6600	\$ 115,502	19,133	\$ 0.8700	\$ 16,646	38,068	\$ 2.0200	\$ 76,897	\$ 93,543
<b>Total</b>	<b>367,735</b>	<b>\$ 3.66</b>	<b>\$ 1,345,910</b>	<b>206,990</b>	<b>\$ 0.87</b>	<b>\$ 180,081</b>	<b>417,212</b>	<b>\$ 2.02</b>	<b>\$ 842,768</b>	<b>\$ 1,022,850</b>

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Add Extra Host Here (II)	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
February	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
March	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
April	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
May	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
June	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
July	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
August	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
September	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
October	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
November	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
December	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
<b>Total</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	41,415	\$ 3.66	151,579	20,908	\$ 0.87	18,190	43,127	\$ 2.02	87,117	\$ 105,307
February	43,176	\$ 3.66	158,024	21,335	\$ 0.87	18,561	46,952	\$ 2.02	94,843	\$ 113,404
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May	25,597	\$ 3.66	93,685	14,342	\$ 0.87	12,478	30,451	\$ 2.02	61,511	\$ 73,989
June	23,756	\$ 3.66	86,947	13,932	\$ 0.87	12,121	28,312	\$ 2.02	57,190	\$ 69,311
July	24,132	\$ 3.66	88,323	14,613	\$ 0.87	12,713	27,949	\$ 2.02	56,457	\$ 69,170
August	25,745	\$ 3.66	94,227	15,142	\$ 0.87	13,174	29,197	\$ 2.02	58,978	\$ 72,151
September	26,297	\$ 3.66	96,247	16,328	\$ 0.87	14,205	30,085	\$ 2.02	60,772	\$ 74,977
October	28,147	\$ 3.66	103,018	16,090	\$ 0.87	13,998	32,241	\$ 2.02	65,127	\$ 79,125
November	29,584	\$ 3.66	108,277	17,984	\$ 0.87	15,646	34,525	\$ 2.02	69,741	\$ 85,387
December	31,558	\$ 3.66	115,502	19,133	\$ 0.87	16,646	38,068	\$ 2.02	76,897	\$ 93,543
<b>Total</b>	<b>367,735</b>	<b>\$ 3.66</b>	<b>\$ 1,345,910</b>	<b>206,990</b>	<b>\$ 0.87</b>	<b>\$ 180,081</b>	<b>417,212</b>	<b>\$ 2.02</b>	<b>\$ 842,768</b>	<b>\$ 1,022,850</b>

# 2017 RTSR Workform for Electricity Distributors

The purpose of this sheet is to re-align the current RTS Network Rates to recover current wholesale network costs.

Rate Class	Rate Description	Unit	Current RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential – High Density [R1]	RTSR - Network	kWh	0.0070	116,818,996		817,733	57.0%	766,916	0.0066
General Service 50 to 4,999 kW	RTSR - Network	kW	2.6924		208,261	560,723	39.1%	525,877	2.5251
Seasonal Residential – Normal Density [R4]	RTSR - Network	kWh	0.0070	7,498,222		52,488	3.7%	49,226	0.0066
Street Lighting	RTSR - Network	kW	1.9496		2,128	4,149	0.3%	3,891	1.8284

The purpose of this table is to re-align the current RTS Connection Rates to recover current wholesale connection costs.

Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR- Connection
Residential – High Density [R1]	RTSR - Connection	kWh	0.0051	116,818,996		595,777	57.6%	589,128	0.0050
General Service 50 to 4,999 kW	RTSR - Connection	kW	1.9084		208,261	397,446	38.4%	393,010	1.8871
Seasonal Residential – Normal Density [R4]	RTSR - Connection	kWh	0.0051	7,498,222		38,241	3.7%	37,814	0.0050
Street Lighting	RTSR - Connection	kW	1.3767		2,128	2,930	0.3%	2,897	1.3613

The purpose of this table is to update the re-aligned RTS Network Rates to recover future wholesale network costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Network
Residential – High Density [R1]	RTSR - Network	kWh	0.0066	116,818,996		766,916	57.0%	766,916	<b>0.0066</b>
General Service 50 to 4,999 kW	RTSR - Network	kW	2.5251		208,261	525,877	39.1%	525,877	<b>2.5251</b>
Seasonal Residential – Normal Density [R4]	RTSR - Network	kWh	0.0066	7,498,222		49,226	3.7%	49,226	<b>0.0066</b>
Street Lighting	RTSR - Network	kW	1.8284		2,128	3,891	0.3%	3,891	<b>1.8284</b>

The purpose of this table is to update the re-aligned RTS Connection Rates to recover future wholesale connection costs.

Rate Class	Rate Description	Unit	Adjusted RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR- Connection
Residential – High Density [R1]	RTSR - Connection	kWh	0.0050	116,818,996		589,128	57.6%	589,128	<b>0.0050</b>
General Service 50 to 4,999 kW	RTSR - Connection	kW	1.8871		208,261	393,010	38.4%	393,010	<b>1.8871</b>
Seasonal Residential – Normal Density [R4]	RTSR - Connection	kWh	0.0050	7,498,222		37,814	3.7%	37,814	<b>0.0050</b>
Street Lighting	RTSR - Connection	kW	1.3613		2,128	2,897	0.3%	2,897	<b>1.3613</b>