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Northern Ontario Wires Inc.
Filed: 26 August, 2016
EB-2016-0096
Exhibit 8

Exhibit 8:

RATE DESIGN



Northern Ontario Wires Inc.
Filed: 26 August, 2016
EB-2016-0096
Exhibit 8
Tab 1

Exhibit 8: Rate Design

Tab 1 (of 5): Fixed/Variable Proportion



FIXED/VARIABLE PROPORTION

NOW Inc. proposes to maintain the existing fixed/variable proportion for all rate classes except the Residential and GS > 50 classes. The derivation of the Residential fixed and variable charges is provided in more detail in E8/T2/S1. The existing GS > 50 fixed charge is proposed to be maintained as it is already above the target range calculated by the Cost Allocation model. The impacts on fixed/variable splits are set out below.

The existing fixed/variable revenue is calculated as follows:

Variable Revenue Calculation:

2017 PROJECTED REVENUE FROM EXISTING VARIABLE CHARGES						
Customer Class Name	Variable Distribution Rate	per	Volume	Gross Variable Revenue	Transform. Allowance \$'s	Net Variable Revenue
Residential	\$0.0123	kWh	40,704,801	500,669	0	500,669
General Service < 50 kW	\$0.0158	kWh	19,740,824	311,905	0	311,905
General Service > 50 to 4999 kW	\$0.9177	kW	166,531	152,825	-46,000	106,825
Unmetered Scattered Load	\$0.0161	kWh	165,218	2,660	0	2,660
Street Lighting	\$8.0054	kW	1,576	12,617	0	12,617
TOTAL VARIABLE REVENUE				980,676	-46,000	934,676

Fixed and Total Revenue Calculation:

2017 PROJECTED DISTRIBUTION REVENUE AT EXISTING RATES					
Customer Class Name	Fixed Rate	Customers (Connections)	Fixed Charge Revenue	Variable Revenue	TOTAL
Residential	\$24.2500	5,216	1,517,856	500,669	2,018,525
General Service < 50 kW	\$28.2700	784	265,964	311,905	577,869
General Service > 50 to 4999 kW	\$191.6000	71	163,243	106,825	270,068
Unmetered Scattered Load	\$14.7300	23	4,065	2,660	6,725
Street Lighting	\$6.7900	1,650	134,442	12,617	147,059
DISTRIBUTION REVENUE			2,085,571	934,676	3,020,247



1 Fixed/Variable split Calculation:

Customer Class Name	Fixed Charge Revenue	Variable Revenue	TOTAL	% Fixed Revenue	% Variable Revenue
Residential	1,517,856	500,669	2,018,525	75.20%	24.80%
General Service < 50 kW	265,964	311,905	577,869	46.02%	53.98%
General Service > 50 to 4999 kW	163,243	106,825	270,068	60.45%	39.55%
Unmetered Scattered Load	4,065	2,660	6,725	60.45%	39.55%
Street Lighting	134,442	12,617	147,059	91.42%	8.58%
DISTRIBUTION REVENUE	2,085,571	934,676	3,020,247	69.05%	30.95%

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Please see Attachment 1 which includes RRWF Sheet 13 for the derivation of the proposed rates and fixed charge percentages.

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The resulting fixed and variable charges are summarized below:

Rate Application			
Fixed Rate	Fixed %	Variable %	Variable Rate
\$31.76	83.46%	16.54%	\$0.0097
\$33.36	46.02%	53.98%	\$0.0186
\$191.60	51.23%	48.77%	\$1.2094
\$16.99	60.45%	39.55%	\$0.0186
\$8.01	91.42%	8.58%	\$9.4462

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The following table provides a comparison of the existing and proposed fixed charges with the Cost Allocation Floor and Ceiling charges.

12

Customer Class	Cost Allocation		Existing Rate	Proposed Fixed Charge
	Floor	Ceiling		
Residential	10.67	32.80	24.25	31.76
GS < 50 kW	12.19	40.17	28.27	33.36
GS > 50 kW	18.34	40.61	191.60	191.60
Street Light	2.81	10.80	6.79	8.01
USL	3.31	20.68	14.73	16.99

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14

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and volumetric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRFW does not replace the rate generator model that an applicant distributor may use in support of its application. The RRFW provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

[illegible]

Notes:

¹ Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

² The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calculated as: $[MSC \times (\text{average number of customers or connections}) \times 12 \text{ months}] / (\text{Class Allocated Revenue Requirement})$.



Northern Ontario Wires Inc.
Filed: 26 August, 2016
EB-2016-0096
Exhibit 8
Tab 2

Exhibit 8: Rate Design

Tab 2 (of 5): Rate Design Policy



RATE DESIGN POLICY

NOW Inc. implemented the first of a 4-year transition to a fully fixed rate as part of its 2016 IRM rate application, EB-2015-0093. This application sets out the second of 4 years; therefore NOW Inc. proposes to move 1/3 of the remaining distance to a fully fixed charge. Please see the RRWF, sheet 12, included as Attachment 1 to this schedule for the 2nd year of the transition to the fully fixed charge.

Please see E8/T5/S1/Att2 for details on Bill Impacts that arise from the rate design policy.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers

Please complete the following tables.

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	5,216
kWh	40,704,801

Proposed Residential Class Specific Revenue Requirement ¹	\$ 2,381,814.00
--	-----------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	\$ 24.25
Distribution Volumetric Rate (\$/kWh)	\$ 0.0123

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	24.25	5,216	\$ 1,517,856.00	75.20%
Variable	0.0123	40,704,801	\$ 500,669.05	24.80%
TOTAL	-	-	\$ 2,018,525.05	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years ²	3
--	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 1,791,035.82	28.61	\$ 1,790,757.12
Variable	\$ 590,778.18	0.0145	\$ 590,219.61
TOTAL	\$ 2,381,814.00	-	\$ 2,380,976.73

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	83.46%	\$ 1,987,961.88	\$ 31.76	\$ 1,987,921.92
Variable	16.54%	\$ 393,852.12	\$ 0.0097	\$ 394,836.57
TOTAL	-	\$ 2,381,814.00	-	\$ 2,382,758.49

Checks ³	
Change in Fixed Rate	\$ 3.15
Difference Between Revenues @ Proposed Rates and Class Specific	\$944.49
	0.04%

Notes:

- ¹ The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- ² The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- ³ Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)



Northern Ontario Wires Inc.
Filed: 26 August, 2016
EB-2016-0096
Exhibit 8
Tab 3

Exhibit 8: Rate Design

Tab 3 (of 5): Retail Transmission Service Rates (RTSRs) and Other Charges



RETAIL TRANSMISSION SERVICE RATES (RTSR)

The Board issued a revision to Guideline G-2008-0001: Electricity Distribution and Retail Transmission Service Rates on June 28, 2012. The guideline outlines the information the board requires to be filed in order to adjust the RTSR rates. NOW Inc. has completed the RTSR model that the Board provided, and is provided at Attachment 1.

NOW Inc. is proposing to further adjust the rates incorporated in the RTSR model at a later date once the Uniform Transmission Rates for January 1, 2017 are determined.

Current RTSR

The Board approved new transmission rates which were implemented January 1, 2016 are detailed below

Table 1 – Uniform Transmission Rates

Uniform Transmission Rates	Unit	Effective January 1, 2015	Effective January 1, 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



Table 2 details the Hydro One Sub-Transmission Rates which have been in effect since February 1, 2015.

Table 2- Hydro One Sub-Transmission Rates

Uniform Transmission Rates	Unit	Effective Jan 1, 2015	Effective May 1 2015	Effective Feb 1, 2016
Rate Description		Rate		Rate
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

NOW Inc.'s current RTSR rates approved for May 1, 2016 are detailed in Table 3 below.

Table 3 – NOW Inc. Current RTSR Rates

Rate Class	Unit	RTSR-Network	RTSR-Connection
Residential	kWh	\$0.0059	\$0.0027
GS < 50	kWh	0.0056	0.0026
GS > 50	kW	2.2317	0.9898
Unmetered Scattered Load	kWh	0.0056	0.0026
Street Lighting	kW	1.6832	0.7651

Proposed 2017 RTSR Rates

The OEB's RTSR model calculates the adjustments required to the rates in order to more accurately reflect the costs paid by distributors and the amounts collected from customers. As indicated above, the Uniform Transmission rates may change prior to the Decision for this application therefore NOW Inc. proposes to further adjust the rates detailed in Table 4 below to reflect the most up-to-date rates.



1

2

Table 4 – Proposed RTSR Rates

Rate Class	Unit	RTSR-Network	RTSR-Connection
Residential	kWh	\$0.0062	\$0.0028
GS < 50	kWh	0.0059	0.0027
GS > 50	kW	2.3538	1.0402
Unmetered Scattered Load	kWh	0.0059	0.0027
Street Lighting	kW	1.7753	0.8040

3



Ontario Energy Board

v 1.1

2017 RTSR Workform for Electricity Distributors

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

Utility Name	Northern Ontario Wires Inc.
Service Territory	Cochrane, Iroquois Falls, Kapuskasing
Assigned EB Number	EB-2016-0096
Name and Title	Geoff Sutton
Phone Number	705-272-6669
Email Address	geoffs@nowinc.ca
Date	
Last COS Re-based Year	2013

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While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



2017 RTSR Workform for Electricity Distributors

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[3. Rate Classes](#)

[4. RRR Data](#)

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[6. Historical Wholesale](#)

[7. Current Wholesale](#)

[8. Forecast Wholesale](#)

[9. RTSR Rates to Forecast](#)

2017 RTSR Workform for Electricity Distributors

1. Select the appropriate rate classes that appear on your most recent Board-Approved Tariff of Rates and Charges.
2. Enter the RTS Network and Connection Rate as it appears on the Tariff of Rates and Charges

[illegible]



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	RTSR - Network	kWh	0.0059	41,684,696		1.0713	44,656,815
Residential	RTSR - Connection	kWh	0.0027	41,684,696		1.0713	44,656,815
General Service Less Than 50 kW	RTSR - Network	kWh	0.0056	19,810,828		1.0713	21,223,340
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0026	19,810,828		1.0713	21,223,340
General Service 50 to 4,999 kW	RTSR - Network	kW	2.2317	59,448,871	175,839		
General Service 50 to 4,999 kW	RTSR - Connection	kW	0.9898	59,448,871	175,839		
Unmetered Scattered Load	RTSR - Network	kWh	0.0056	164,178		1.0713	175,884
Unmetered Scattered Load	RTSR - Connection	kWh	0.0026	164,178		1.0713	175,884
Street Lighting	RTSR - Network	kW	1.6832	664,378	1,980		
Street Lighting	RTSR - Connection	kW	0.7651	644,378	1,980		



2017 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2015		2016	2017
Rate Description			Rate		Rate	Rate
Network Service Rate	kW	\$	3.78		\$ 3.66	\$ 3.66
Line Connection Service Rate	kW	\$	0.86		\$ 0.87	\$ 0.87
Transformation Connection Service Rate	kW	\$	2.00		\$ 2.02	\$ 2.02

Hydro One Sub-Transmission Rates		Unit	2015 - 2016		2016	2017
			Jan - April 2015	May 2015 - Jan 2016	Feb - Dec 2016	
Rate Description			Rate		Rate	Rate
Network Service Rate	kW	\$	3.23	\$ 3.4121	\$ 3.3396	\$ 3.3396
Line Connection Service Rate	kW	\$	0.65	\$ 0.7879	\$ 0.7791	\$ 0.7791
Transformation Connection Service Rate	kW	\$	1.62	\$ 1.8018	\$ 1.7713	\$ 1.7713
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$ 2.5897	\$ 2.5504	\$ 2.5504

If needed, add extra host here. (I)		Unit	2015		2016	2017
Rate Description			Rate		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	Effective January 1, 2016
Rate Description			Rate		Rate	Rate
Network Service Rate	kW					
Line Connection Service Rate	kW					
Transformation Connection Service Rate	kW					
Both Line and Transformation Connection Service Rate	kW	\$	-		\$ -	\$ -
Low Voltage Switchgear Credit (if applicable, enter as a negative value)		\$	Historical 2015		Current 2016	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	18,750	\$3.78	70,875	19,375	\$0.86	16,663	8,237	\$2.00	16,474	\$ 33,137
February	18,165	\$3.78	68,664	18,978	\$0.86	16,321	7,755	\$2.00	15,510	\$ 31,831
March	17,031	\$3.78	64,377	17,224	\$0.86	14,813	6,892	\$2.00	13,784	\$ 28,597
April	13,326	\$3.78	50,372	15,678	\$0.86	13,483	5,927	\$2.00	11,854	\$ 25,337
May	13,197	\$3.78	49,885	15,068	\$0.86	12,958	5,521	\$2.00	11,042	\$ 24,000
June	13,598	\$3.78	51,400	15,252	\$0.86	13,117	5,719	\$2.00	11,438	\$ 24,555
July	15,790	\$3.78	59,686	16,673	\$0.86	14,339	6,911	\$2.00	13,822	\$ 28,161
August	14,256	\$3.78	53,888	15,446	\$0.86	13,284	6,059	\$2.00	12,118	\$ 25,402
September	13,879	\$3.78	52,463	16,256	\$0.86	13,980	6,504	\$2.00	13,008	\$ 26,988
October	13,918	\$3.78	52,610	15,599	\$0.86	13,415	5,908	\$2.00	11,816	\$ 25,231
November	16,019	\$3.78	60,552	16,987	\$0.86	14,609	6,673	\$2.00	13,346	\$ 27,955
December	16,245	\$3.78	61,406	18,006	\$0.86	15,485	7,315	\$2.00	14,630	\$ 30,115
Total	184,174	\$ 3.78	696,178	200,542	\$ 0.86	172,466	79,421	\$ 2.00	158,842	\$ 331,308

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,347	\$3.23	\$ 14,042	4,347	\$0.65	\$ 2,826		\$0.00		\$ 2,826
February	4,723	\$3.23	\$ 15,255	4,723	\$0.65	\$ 3,070		\$0.00		\$ 3,070
March	4,213	\$3.23	\$ 13,608	4,302	\$0.65	\$ 2,797		\$0.00		\$ 2,797
April	3,713	\$3.23	\$ 11,993	3,778	\$0.65	\$ 2,456		\$0.00		\$ 2,456
May	3,192	\$3.23	\$ 10,310	3,192	\$0.65	\$ 2,075		\$0.00		\$ 2,075
June	3,082	\$3.41	\$ 10,516	3,082	\$0.79	\$ 2,428		\$0.00		\$ 2,428
July	3,046	\$3.41	\$ 10,394	3,046	\$0.79	\$ 2,400		\$0.00		\$ 2,400
August	3,865	\$3.41	\$ 13,189	3,865	\$0.79	\$ 3,045		\$0.00		\$ 3,045
September	3,309	\$3.41	\$ 11,291	3,539	\$0.79	\$ 2,788		\$0.00		\$ 2,788
October	3,722	\$3.41	\$ 12,700	3,722	\$0.79	\$ 2,933		\$0.00		\$ 2,933
November	3,301	\$3.41	\$ 11,263	3,301	\$0.79	\$ 2,601		\$0.00		\$ 2,601
December	3,595	\$3.41	\$ 12,266	3,681	\$0.79	\$ 2,900		\$0.00		\$ 2,900
Total	44,109	\$ 3.33	\$ 146,828	44,579	\$ 0.72	\$ 32,319	-	\$ -	\$ -	\$ 32,319

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		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -



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		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	23,097	\$3.68	\$ 84,917	23,722	\$0.82	\$ 19,488	8,237	\$2.00	\$ 16,474	\$ 35,962
February	22,888	\$3.67	\$ 83,919	23,701	\$0.82	\$ 19,391	7,755	\$2.00	\$ 15,510	\$ 34,901
March	21,244	\$3.67	\$ 77,986	21,526	\$0.82	\$ 17,609	6,892	\$2.00	\$ 13,784	\$ 31,393
April	17,039	\$3.66	\$ 62,366	19,456	\$0.82	\$ 15,939	5,927	\$2.00	\$ 11,854	\$ 27,793
May	16,389	\$3.67	\$ 60,195	18,260	\$0.82	\$ 15,033	5,521	\$2.00	\$ 11,042	\$ 26,075
June	16,680	\$3.71	\$ 61,916	18,334	\$0.85	\$ 15,545	5,719	\$2.00	\$ 11,438	\$ 26,983
July	18,836	\$3.72	\$ 70,080	19,719	\$0.85	\$ 16,739	6,911	\$2.00	\$ 13,822	\$ 30,561
August	18,121	\$3.70	\$ 67,076	19,311	\$0.85	\$ 16,329	6,059	\$2.00	\$ 12,118	\$ 28,447
September	17,188	\$3.71	\$ 63,754	19,795	\$0.85	\$ 16,769	6,504	\$2.00	\$ 13,008	\$ 29,777
October	17,640	\$3.70	\$ 65,310	19,321	\$0.85	\$ 16,348	5,908	\$2.00	\$ 11,816	\$ 28,164
November	19,320	\$3.72	\$ 71,815	20,288	\$0.85	\$ 17,210	6,673	\$2.00	\$ 13,346	\$ 30,556
December	19,840	\$3.71	\$ 73,672	21,687	\$0.85	\$ 18,386	7,315	\$2.00	\$ 14,630	\$ 33,016
Total	228,283	\$ 3.69	\$ 843,005	245,121	\$ 0.84	\$ 204,785	79,421	\$ 2.00	\$ 158,842	\$ 363,627



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	18,750	\$ 3.6600	\$ 68,625	19,375	\$ 0.8700	\$ 16,856	8,237	\$ 2.0200	\$ 16,639	\$ 33,495
February	18,165	\$ 3.6600	\$ 66,484	18,978	\$ 0.8700	\$ 16,511	7,755	\$ 2.0200	\$ 15,665	\$ 32,176
March	17,031	\$ 3.6600	\$ 62,333	17,224	\$ 0.8700	\$ 14,985	6,892	\$ 2.0200	\$ 13,922	\$ 28,907
April	13,326	\$ 3.6600	\$ 48,773	15,678	\$ 0.8700	\$ 13,640	5,927	\$ 2.0200	\$ 11,973	\$ 25,612
May	13,197	\$ 3.6600	\$ 48,301	15,068	\$ 0.8700	\$ 13,109	5,521	\$ 2.0200	\$ 11,152	\$ 24,262
June	13,598	\$ 3.6600	\$ 49,769	15,252	\$ 0.8700	\$ 13,269	5,719	\$ 2.0200	\$ 11,552	\$ 24,822
July	15,790	\$ 3.6600	\$ 57,791	16,673	\$ 0.8700	\$ 14,506	6,911	\$ 2.0200	\$ 13,960	\$ 28,466
August	14,256	\$ 3.6600	\$ 52,177	15,446	\$ 0.8700	\$ 13,438	6,059	\$ 2.0200	\$ 12,239	\$ 25,677
September	13,879	\$ 3.6600	\$ 50,797	16,256	\$ 0.8700	\$ 14,143	6,504	\$ 2.0200	\$ 13,138	\$ 27,281
October	13,918	\$ 3.6600	\$ 50,940	15,599	\$ 0.8700	\$ 13,571	5,908	\$ 2.0200	\$ 11,934	\$ 25,505
November	16,019	\$ 3.6600	\$ 58,630	16,987	\$ 0.8700	\$ 14,779	6,673	\$ 2.0200	\$ 13,479	\$ 28,258
December	16,245	\$ 3.6600	\$ 59,457	18,006	\$ 0.8700	\$ 15,665	7,315	\$ 2.0200	\$ 14,776	\$ 30,442
Total	184,174	\$ 3.66	\$ 674,077	200,542	\$ 0.87	\$ 174,472	79,421	\$ 2.02	\$ 160,430	\$ 334,902

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,347	\$ 3.4121	\$ 14,834	4,347	\$ 0.7879	\$ 3,425	-	\$ 1.8018	\$ -	\$ 3,425
February	4,723	\$ 3.3396	\$ 15,772	4,723	\$ 0.7791	\$ 3,680	-	\$ 1.7713	\$ -	\$ 3,680
March	4,213	\$ 3.3396	\$ 14,070	4,302	\$ 0.7791	\$ 3,352	-	\$ 1.7713	\$ -	\$ 3,352
April	3,713	\$ 3.3396	\$ 12,400	3,778	\$ 0.7791	\$ 2,943	-	\$ 1.7713	\$ -	\$ 2,943
May	3,192	\$ 3.3396	\$ 10,660	3,192	\$ 0.7791	\$ 2,487	-	\$ 1.7713	\$ -	\$ 2,487
June	3,082	\$ 3.3396	\$ 10,293	3,082	\$ 0.7791	\$ 2,401	-	\$ 1.7713	\$ -	\$ 2,401
July	3,046	\$ 3.3396	\$ 10,172	3,046	\$ 0.7791	\$ 2,373	-	\$ 1.7713	\$ -	\$ 2,373
August	3,865	\$ 3.3396	\$ 12,908	3,865	\$ 0.7791	\$ 3,011	-	\$ 1.7713	\$ -	\$ 3,011
September	3,309	\$ 3.3396	\$ 11,051	3,539	\$ 0.7791	\$ 2,757	-	\$ 1.7713	\$ -	\$ 2,757
October	3,722	\$ 3.3396	\$ 12,430	3,722	\$ 0.7791	\$ 2,900	-	\$ 1.7713	\$ -	\$ 2,900
November	3,301	\$ 3.3396	\$ 11,024	3,301	\$ 0.7791	\$ 2,572	-	\$ 1.7713	\$ -	\$ 2,572
December	3,595	\$ 3.3396	\$ 12,006	3,681	\$ 0.7791	\$ 2,868	-	\$ 1.7713	\$ -	\$ 2,868
Total	44,109	\$ 3.35	\$ 147,620	44,579	\$ 0.78	\$ 34,770	-	\$ -	\$ -	\$ 34,770

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount



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.

January	23,097	\$3.61	\$	83,459	23,722	\$0.85	\$	20,282	8,237	\$2.02	\$	16,639	\$	36,920
February	22,888	\$3.59	\$	82,256	23,701	\$0.85	\$	20,190	7,755	\$2.02	\$	15,665	\$	35,856
March	21,244	\$3.60	\$	76,404	21,526	\$0.85	\$	18,337	6,892	\$2.02	\$	13,922	\$	32,259
April	17,039	\$3.59	\$	61,173	19,456	\$0.85	\$	16,583	5,927	\$2.02	\$	11,973	\$	28,556
May	16,389	\$3.60	\$	58,961	18,260	\$0.85	\$	15,596	5,521	\$2.02	\$	11,152	\$	26,749
June	16,680	\$3.60	\$	60,061	18,334	\$0.85	\$	15,670	5,719	\$2.02	\$	11,552	\$	27,223
July	18,836	\$3.61	\$	67,964	19,719	\$0.86	\$	16,879	6,911	\$2.02	\$	13,960	\$	30,839
August	18,121	\$3.59	\$	65,085	19,311	\$0.85	\$	16,449	6,059	\$2.02	\$	12,239	\$	28,689
September	17,188	\$3.60	\$	61,848	19,795	\$0.85	\$	16,900	6,504	\$2.02	\$	13,138	\$	30,038
October	17,640	\$3.59	\$	63,370	19,321	\$0.85	\$	16,471	5,908	\$2.02	\$	11,934	\$	28,405
November	19,320	\$3.61	\$	69,654	20,288	\$0.86	\$	17,350	6,673	\$2.02	\$	13,479	\$	30,830
December	19,840	\$3.60	\$	71,463	21,687	\$0.85	\$	18,533	7,315	\$2.02	\$	14,776	\$	33,309
Total	228,283	\$	3.60	\$ 821,697	245,121	\$	0.85	\$ 209,241	79,421	\$	2.02	\$ 160,430	\$	369,672



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	18,750	\$ 3.6600	\$ 68,625	19,375	\$ 0.8700	\$ 16,856	8,237	\$ 2.0200	\$ 16,639	\$ 33,495
February	18,165	\$ 3.6600	\$ 66,484	18,978	\$ 0.8700	\$ 16,511	7,755	\$ 2.0200	\$ 15,665	\$ 32,176
March	17,031	\$ 3.6600	\$ 62,333	17,224	\$ 0.8700	\$ 14,985	6,892	\$ 2.0200	\$ 13,922	\$ 28,907
April	13,326	\$ 3.6600	\$ 48,773	15,678	\$ 0.8700	\$ 13,640	5,927	\$ 2.0200	\$ 11,973	\$ 25,612
May	13,197	\$ 3.6600	\$ 48,301	15,068	\$ 0.8700	\$ 13,109	5,521	\$ 2.0200	\$ 11,152	\$ 24,262
June	13,598	\$ 3.6600	\$ 49,769	15,252	\$ 0.8700	\$ 13,269	5,719	\$ 2.0200	\$ 11,552	\$ 24,822
July	15,790	\$ 3.6600	\$ 57,791	16,673	\$ 0.8700	\$ 14,506	6,911	\$ 2.0200	\$ 13,960	\$ 28,466
August	14,256	\$ 3.6600	\$ 52,177	15,446	\$ 0.8700	\$ 13,438	6,059	\$ 2.0200	\$ 12,239	\$ 25,677
September	13,879	\$ 3.6600	\$ 50,797	16,256	\$ 0.8700	\$ 14,143	6,504	\$ 2.0200	\$ 13,138	\$ 27,281
October	13,918	\$ 3.6600	\$ 50,940	15,599	\$ 0.8700	\$ 13,571	5,908	\$ 2.0200	\$ 11,934	\$ 25,505
November	16,019	\$ 3.6600	\$ 58,630	16,987	\$ 0.8700	\$ 14,779	6,673	\$ 2.0200	\$ 13,479	\$ 28,258
December	16,245	\$ 3.6600	\$ 59,457	18,006	\$ 0.8700	\$ 15,665	7,315	\$ 2.0200	\$ 14,776	\$ 30,442
Total	184,174	\$ 3.66	\$ 674,077	200,542	\$ 0.87	\$ 174,472	79,421	\$ 2.02	\$ 160,430	\$ 334,902

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	4,347	\$ 3.3396	\$ 14,519	4,347	\$ 0.7791	\$ 3,387	-	\$ 1.7713	\$ -	\$ 3,387
February	4,723	\$ 3.3396	\$ 15,772	4,723	\$ 0.7791	\$ 3,680	-	\$ 1.7713	\$ -	\$ 3,680
March	4,213	\$ 3.3396	\$ 14,070	4,302	\$ 0.7791	\$ 3,352	-	\$ 1.7713	\$ -	\$ 3,352
April	3,713	\$ 3.3396	\$ 12,400	3,778	\$ 0.7791	\$ 2,943	-	\$ 1.7713	\$ -	\$ 2,943
May	3,192	\$ 3.3396	\$ 10,660	3,192	\$ 0.7791	\$ 2,487	-	\$ 1.7713	\$ -	\$ 2,487
June	3,082	\$ 3.3396	\$ 10,293	3,082	\$ 0.7791	\$ 2,401	-	\$ 1.7713	\$ -	\$ 2,401
July	3,046	\$ 3.3396	\$ 10,172	3,046	\$ 0.7791	\$ 2,373	-	\$ 1.7713	\$ -	\$ 2,373
August	3,865	\$ 3.3396	\$ 12,908	3,865	\$ 0.7791	\$ 3,011	-	\$ 1.7713	\$ -	\$ 3,011
September	3,309	\$ 3.3396	\$ 11,051	3,539	\$ 0.7791	\$ 2,757	-	\$ 1.7713	\$ -	\$ 2,757
October	3,722	\$ 3.3396	\$ 12,430	3,722	\$ 0.7791	\$ 2,900	-	\$ 1.7713	\$ -	\$ 2,900
November	3,301	\$ 3.3396	\$ 11,024	3,301	\$ 0.7791	\$ 2,572	-	\$ 1.7713	\$ -	\$ 2,572
December	3,595	\$ 3.3396	\$ 12,006	3,681	\$ 0.7791	\$ 2,868	-	\$ 1.7713	\$ -	\$ 2,868
Total	44,109	\$ 3.34	\$ 147,305	44,579	\$ 0.78	\$ 34,732	-	\$ -	\$ -	\$ 34,732

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

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	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount



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.

January	23,097	\$	3.60	83,144	23,722	\$	0.85	20,243	8,237	\$	2.02	16,639	\$	36,882
February	22,888	\$	3.59	82,256	23,701	\$	0.85	20,190	7,755	\$	2.02	15,665	\$	35,856
March	21,244	\$	3.60	76,404	21,526	\$	0.85	18,337	6,892	\$	2.02	13,922	\$	32,259
April	17,039	\$	3.59	61,173	19,456	\$	0.85	16,583	5,927	\$	2.02	11,973	\$	28,556
May	16,389	\$	3.60	58,961	18,260	\$	0.85	15,596	5,521	\$	2.02	11,152	\$	26,749
June	16,680	\$	3.60	60,061	18,334	\$	0.85	15,670	5,719	\$	2.02	11,552	\$	27,223
July	18,836	\$	3.61	67,964	19,719	\$	0.86	16,879	6,911	\$	2.02	13,960	\$	30,839
August	18,121	\$	3.59	65,085	19,311	\$	0.85	16,449	6,059	\$	2.02	12,239	\$	28,689
September	17,188	\$	3.60	61,848	19,795	\$	0.85	16,900	6,504	\$	2.02	13,138	\$	30,038
October	17,640	\$	3.59	63,370	19,321	\$	0.85	16,471	5,908	\$	2.02	11,934	\$	28,405
November	19,320	\$	3.61	69,654	20,288	\$	0.86	17,350	6,673	\$	2.02	13,479	\$	30,830
December	19,840	\$	3.60	71,463	21,687	\$	0.85	18,533	7,315	\$	2.02	14,776	\$	33,309
Total	228,283	\$	3.60	\$ 821,382	245,121	\$	0.85	209,203	79,421	\$	2.02	\$ 160,430	\$	369,634



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	RTSR - Network	kWh	0.0059	44,656,815		263,475	33.8%	277,894	0.0062
General Service Less Than 50 kW	RTSR - Network	kWh	0.0056	21,223,340		118,851	15.3%	125,355	0.0059
General Service 50 to 4,999 kW	RTSR - Network	kW	2.2317		175,839	392,420	50.4%	413,895	2.3538
Unmetered Scattered Load	RTSR - Network	kWh	0.0056	175,884		985	0.1%	1,039	0.0059
Street Lighting	RTSR - Network	kW	1.6832		1,980	3,333	0.4%	3,515	1.7753

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	RTSR - Connection	kWh	0.0027	44,656,815		120,573	34.3%	126,709	0.0028
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0026	21,223,340		55,181	15.7%	57,989	0.0027
General Service 50 to 4,999 kW	RTSR - Connection	kW	0.9898		175,839	174,045	49.5%	182,902	1.0402
Unmetered Scattered Load	RTSR - Connection	kWh	0.0026	175,884		457	0.1%	481	0.0027
Street Lighting	RTSR - Connection	kW	0.7651		1,980	1,515	0.4%	1,592	0.8040

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	RTSR - Network	kWh	0.0062	44,656,815		277,894	33.8%	277,787	0.0062
General Service Less Than 50 kW	RTSR - Network	kWh	0.0059	21,223,340		125,355	15.3%	125,307	0.0059
General Service 50 to 4,999 kW	RTSR - Network	kW	2.3538		175,839	413,895	50.4%	413,736	2.3529
Unmetered Scattered Load	RTSR - Network	kWh	0.0059	175,884		1,039	0.1%	1,038	0.0059
Street Lighting	RTSR - Network	kW	1.7753		1,980	3,515	0.4%	3,514	1.7746

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	RTSR - Connection	kWh	0.0028	44,656,815		126,709	34.3%	126,696	0.0028
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0027	21,223,340		57,989	15.7%	57,983	0.0027
General Service 50 to 4,999 kW	RTSR - Connection	kW	1.0402		175,839	182,902	49.5%	182,883	1.0401
Unmetered Scattered Load	RTSR - Connection	kWh	0.0027	175,884		481	0.1%	481	0.0027
Street Lighting	RTSR - Connection	kW	0.8040		1,980	1,592	0.4%	1,592	0.8040



1

RETAIL SERVICE CHARGE

2

3 NOW Inc. currently charges Retailers for services related to the supply of competitive
4 electricity to customers. NOW Inc. charges the standard rates to retailers and proposes
5 to continue to charge the standard rates which include the following items:

6

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



WHOLESALE MARKET SERVICE RATE

The Wholesale Market Service Rate ("WMSR") is designed to recover from ratepayers the amount charged to distributors by the IESO for the operation of the IESO administered markets and the operation of the IESO controlled grid. The rate charge to customers includes the provincially set WMSR rate of \$0.0036/kWh, the Ontario Electricity Support Program ("OESP") rate of \$0.0011, and the Rural or Remote Electricity Rate Protection Plan ("RRRP") rate of \$0.0013/kWh.

The aggregated rate to customers including the two above noted rates is a total of \$0.0060/kWh.



SPECIFIC SERVICE CHARGES

NOW Inc. is proposing the continuation of Current Service Charges at current levels.
The list of the current service charges is detailed below:

Customer Administration

Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Statement of account	\$	15.00
Account history	\$	15.00
Request for other billing information	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
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LOW VOLTAGE CHARGES

NOW Inc. is an embedded distributor within Hydro One Networks Inc. ("HONI") and therefore pays and shares a Low Voltage Service Rate.

NOW Inc. has forecasted annual Low Voltage payments to HONI of \$195,000 for 2017 and has used estimated Low Voltage payments at current rates to allocate the charges to the various rate classes.

NOW Inc. is proposing the new low voltage charges as calculated in E8/T3/S5/Att1 shown in Table 1 below.

	2016 Low Voltage Rates		2017 Low Voltage Rates	
Customer Class Name	Rate	Per	Rate	Per
Residential	\$0.0013	kWh	\$0.0017	kWh
GS < 50 kW	0.0012	kWh	0.0016	kWh
GS > 50 kW to 4,999 kW	0.4340	KW	0.5657	KW
Unmetered Scattered Load	0.0012	kWh	0.0016	kWh
Street Light	0.3351	kW	0.4368	kW

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C6 Low Voltage Charges

Rates from sheet C5; Volumes from sheet C1

Enter current LV rates and total charges projected in 2017

Customer Class Name	2016 Low Voltage Rates	
	Rate	per
Residential	\$0.0013	kWh
General Service < 50 kW	\$0.0012	kWh
General Service > 50 to 4999 kW	\$0.4340	kW
Unmetered Scattered Load	\$0.0012	kWh
Street Lighting	\$0.3351	kW

Customer Class Name	2017 PROJECTED LOW VOLTAGE REVENUE AT CURRENT RATES				
	Rate	per	Volume ¹	Revenue	%
Residential	\$0.0013	kWh	40,704,801	52,916	35.37%
General Service < 50 kW	\$0.0012	kWh	19,740,824	23,689	15.83%
General Service > 50 to 4999 kW	\$0.4340	kW	166,531	72,274	48.31%
Unmetered Scattered Load	\$0.0012	kWh	165,218	198	0.13%
Street Lighting	\$0.3351	kW	1,576	528	0.35%
TOTAL				149,606	100.00%

Customer Class Name	2017 PROPOSED LOW VOLTAGE CHARGES & RATES				
	% Allocation	Charges	Volume ²	Rate	per
Residential	35.37%	68,972	40,704,801	\$0.0017	kWh
General Service < 50 kW	15.83%	30,877	19,740,824	\$0.0016	kWh
General Service > 50 to 4999 kW	48.31%	94,204	166,531	\$0.5657	kW
Unmetered Scattered Load	0.13%	258	165,218	\$0.0016	kWh
Street Lighting	0.35%	688	1,576	\$0.4368	kW
TOTAL		195,000			

¹ kWh's uplifted for line losses

² kWh's not uplifted for line losses



Northern Ontario Wires Inc.
Filed: 26 August, 2016
EB-2016-0096
Exhibit 8
Tab 4

Exhibit 8: Rate Design

Tab 4 (of 5): Loss Adjustment Factors



LOSS ADJUSTMENT FACTORS

NOW Inc. applies a loss adjustment factor to customers' metered consumption for billing purposes in order to bill for consumption that reflects the amount of electricity NOW Inc. has to purchase in order to meet customers' requirements when taking into account the distribution losses.

NOW Inc. is partially embedded in Hydro One's system and approximately 19.3% of the delivered load to our system is from Hydro One.

The total loss factor ("TLF") is calculated by multiplying the Distribution System Loss Factor ("DLF") by the Supply Facilities Loss Factor ("SFLF")

SFLF

NOW Inc. has calculated a specific SFLF by calculating a 5-year average of the historic actual SFLF from 2011-2015. The resulting SFLF is 0.0103. Please see OEB Appendix 2-R, included here as Attachment 1

Table 1 – Calculation of SFLF

	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	5 Year Average
Supply Facility Loss Factor	1.0107	1.0102	1.0098	1.0106	1.0102	1.0103

Calculation of DLF

The distribution loss factor is calculated by taking the total energy purchased over a year and dividing it by the total energy that was billed to the customers during the same year.



	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	5 Year Average
"Wholesale" kWh delivered to distributor (higher value)	122,311,454	125,838,197	134,061,814	126,456,510	128,151,805	127,363,956
"Wholesale" kWh delivered to distributor (lower value)	122,311,454	125,838,197	134,061,814	126,456,510	128,151,805	127,363,956
Portion of "Wholesale" kWh delivered to distributor for Large User Customer(s)						-
Net "Wholesale" kWh delivered to distributor (A2)-(B)	122,311,454	125,838,197	134,061,814	126,456,510	128,151,805	127,363,956
"Retail" kWh delivered by distributor	115,981,280	117,389,892	125,706,978	120,753,861	121,779,405	120,322,283
Portion of "Retail" kWh delivered by distributor for Large Use Customer(s)						-
Net "Retail" kWh delivered by distributor (D)-(E)	115,981,280	117,389,892	125,706,978	120,753,861	121,779,405	120,322,283
Loss Factor in distributor's system [C/F]	1.0546	1.0720	1.0665	1.0472	1.0523	1.0585

1

2 Distribution losses since 2012 have been trending down, with a loss of 4.72% in
 3 measured in 2014. NOW Inc experiences a higher loss factor in the embedded area
 4 within Iroquois Falls.

5

6 TLF

7 The TLF is derived by multiplying the DLF by the SLF. Table 3 details the total loss
 8 factor calculation.

9

	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	5 Year Average
Loss Factor in distributor's system [C/F]	1.0546	1.0720	1.0665	1.0472	1.0523	1.0585
Supply Facility Loss Factor	1.0107	1.0102	1.0098	1.0106	1.0102	1.0103
Total Loss Factor [(G)x(H)]	1.0659	1.0829	1.0769	1.0583	1.0631	1.0694

10

Appendix 2-R Loss Factors

		Historical Years					5-Year Average
		2011	2012	2013	2014	2015	
Losses Within Distributor's System							
A(1)	"Wholesale" kWh delivered to distributor (higher value)	122,311,454	125,838,197	134,061,814	126,456,510	128,151,805	127,363,956
A(2)	"Wholesale" kWh delivered to distributor (lower value)	122,311,454	125,838,197	134,061,814	126,456,510	128,151,805	127,363,956
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)						-
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	122,311,454	125,838,197	134,061,814	126,456,510	128,151,805	127,363,956
D	"Retail" kWh delivered by distributor	115,981,280	117,389,892	125,706,978	120,753,861	121,779,405	120,322,283
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)						-
F	Net "Retail" kWh delivered by distributor = D - E	115,981,280	117,389,892	125,706,978	120,753,861	121,779,405	120,322,283
G	Loss Factor in Distributor's system = C / F	1.0546	1.0720	1.0665	1.0472	1.0523	1.0585
Losses Upstream of Distributor's System							
H	Supply Facilities Loss Factor	1.0107	1.0102	1.0098	1.0106	1.0102	1.0103
Total Losses							
I	Total Loss Factor = G x H	1.0659	1.0829	1.0769	1.0583	1.0631	1.0694

Notes:

A(1) If directly connected to the IESO-controlled grid, kWh pertains to the virtual meter on the primary or high voltage side of the transformer at the interface with the transmission grid. This corresponds to the "With Losses" kWh value provided by the IESO's MV-WEB. It is the higher of the two values provided by MV-WEB.

If fully embedded within a host distributor, kWh pertains to the virtual meter on the primary or high voltage side of the transformer, at the interface between the host distributor and the transmission grid. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh w Losses" should be reported. This corresponds to the higher of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

A(2) If directly connected to the IESO-controlled grid, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface with the transmission grid. This corresponds to the "Without Losses" kWh value provided by the IESO's MV-WEB. It is the lower of the two kWh values provided by MV-WEB.

If fully embedded with the host distributor, kWh pertains to a metering installation on the secondary or low voltage side of the transformer at the interface between the embedded distributor and the host distributor. For example, if the host distributor is Hydro One Networks Inc., kWh from the Hydro One Networks' invoice corresponding to "Total kWh" should be reported. This corresponds to the lower of the two kWh values provided in Hydro One Networks' invoice.

If partially embedded, kWh pertains to the sum of the above.

Additionally, kWh pertaining to distributed generation directly connected to the distributor's own distribution network should be included in **A(2)**.

B If a Large Use Customer is metered on the secondary or low voltage side of the transformer, the default loss is 1% (i.e., **B** = 1.01 X **E**).

D kWh corresponding to D should equal metered or estimated kWh at the customer's delivery point.

G and I These loss factors pertain to secondary-metered customers with demand less than 5,000 kW.

H If directly connected to the IESO-controlled grid, SFLF = 1.0045.

If fully embedded within a host distributor, SFLF = loss factor re losses in transformer at grid interface X loss factor re losses in host distributor's system. If the host distributor is Hydro One Networks Inc., SFLF = 1.0060 X 1.0278 = 1.0340. If partially embedded, SFLF should be calculated as the weighted average of above.

Distributors that wish to propose a different SFLF should provide appropriate justification for any such proposal including supporting calculations and any other relevant material.



Northern Ontario Wires Inc.
Filed: 26 August, 2016
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Exhibit 8
Tab 5

Exhibit 8: Rate Design

Tab 5 (of 5): Rates and Bill Impacts



TARIFF OF RATES AND CHARGES AND BILL IMPACTS

Attachment 1 provides a schedule of the proposed rates. The proposed rates produce bill impacts as detailed in **Table 1**.

Table 1: Summary of Bill Impacts

Rate Class	kWh	kW	Distribution Excluding Pass Through (\$)	Distribution Excluding Pass Through (%)	Distribution (\$)	Distribution (%)	Total Bill (\$)	Total Bill (%)
Residential	750		\$ 5.62	16.77%	\$ 2.01	4.55%	\$ 2.61	1.65%
General Service < 50kW	2,000		\$ 12.69	21.20%	\$ 3.47	4.00%	\$ 4.83	1.21%
General Service > 50kW	66,182	195	\$ 54.89	14.81%	-\$285.13	-37.45%	-\$301.16	-2.59%
Unmetered Scattered Load	599		\$ 3.76	15.42%	\$ 0.94	2.90%	\$ 1.33	1.05%
Street Lighting	28	0.08	\$ 1.33	17.96%	\$ 1.17	14.88%	\$ 1.33	10.16%

The above bill impacts provide an overall summary of the proposed changes. Detailed bill impacts are provided at Attachment 2. The bill impacts are based on the following assumptions:

1. The Commodity price is held constant for all customer classes regardless of whether they are calculated at RPP rates, TOU rates, wholesale market price, retail prices, etc. The only variance on the commodity is related to the change to the total loss factor.
2. The consumption levels represent typical customer usage patterns
3. The streetlight bill impact is presented on a per connection basis – which is the same as a per device or lamp basis given that NOW Inc. does not daisy chain street lights.

Northern Ontario Wires Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2017

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

RESIDENTIAL SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.76
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0097
Low Voltage Service Rate	\$/kWh	0.0017
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0028
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts - NON_WMP (2017) - effective until April 30, 2018	\$/kWh	-0.0022
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018	\$/kWh	
Applicable only for Non-RPP Customers		0.0031
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 Accounts (2017) - effective until April 30, 2018	\$	0.13
Rate Rider for Disposition of LRAMVA - effective until April 30, 2018	\$/kWh	-0.0001

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

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 charges are in accordance with the Distribution System Code (Section 9) and subsection 79.2(4) of the Ontario Energy Board Act, 1998.

The application of these 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.

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; and
- (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)
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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)
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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)
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Class D

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

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	33.36
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0027
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts - NON_WMP (2017) - effective until April 30, 2018	\$/kWh	-0.0022
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018	\$/kWh	
Applicable only for Non-RPP Customers		0.0031
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0002
Rate Rider for Disposition of LRAMVA - effective until April 30, 2018	\$/kWh	0.0010

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

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	191.60
Distribution Volumetric Rate	\$/kW	1.2094
Low Voltage Service Rate	\$/kW	0.5657
Retail Transmission Rate - Network Service Rate	\$/kW	2.3529
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0401
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.3615
Rate Rider for Disposition of Deferral/Variance Accounts - NON_WMP (2017) - effective until April 30, 2018	\$/kW	-0.7347
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 Accounts (2017) - effective until April 30, 2018	\$/kW	0.0679
Rate Rider for Disposition of LRAMVA - effective until April 30, 2018	\$/kW	-0.0102

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

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to 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)	\$	16.99
Distribution Volumetric Rate	\$/kWh	0.0186
Low Voltage Service Rate	\$/kWh	0.0016
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0027
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0011
Rate Rider for Disposition of Deferral/Variance Accounts - NON_WMP (2017) - effective until April 30, 2018	\$/kWh	-0.0022
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018	\$/kWh	
Applicable only for Non-RPP Customers		0.0031
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 Accounts (2017) - effective until April 30, 2018	\$/kWh	0.0002

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

STREET LIGHTING SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to 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)	\$	8.01
Distribution Volumetric Rate	\$/kW	9.4462
Low Voltage Service Rate	\$/kW	0.4368
Retail Transmission Rate - Network Service Rate	\$/kW	1.7753
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8040
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.3770
Rate Rider for Disposition of Deferral/Variance Accounts - NON_WMP (2017) - effective until April 30, 2018	\$/kW	-0.7664
Rate Rider for Disposition of Deferral/Variance Accounts - Group 2 Accounts (2017) - effective until April 30, 2018	\$/kW	0.0708
Rate Rider for Disposition of LRAMVA - effective until April 30, 2018	\$/kW	-0.0090

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

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.6000)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Statement of account	\$	15.00
Account history	\$	15.00
Request for other billing information	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/reconnect at meter - during regular hours	\$	65.00
Disconnect/reconnect at meter - after regular hours	\$	185.00

Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35
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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 a distributor to retailers or customers related to the supply of competitive electricity.

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

LOSS FACTORS

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

Total Loss Factor - Secondary Metered Customer < 5,000 kW

1.0694

Total Loss Factor - Primary Metered Customer < 5,000 kW

1.0587

Table 2

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		A + B + C	
		\$	%	\$	%	\$	%	\$	%
1	kWh	\$ 5.62	16.8%	\$ 2.01	4.5%	\$ 2.31	4.5%	\$ 2.61	1.7%
2	kWh	\$ 12.69	21.2%	\$ 3.47	4.0%	\$ 4.29	4.1%	\$ 4.83	1.2%
3	kW	\$ 54.89	14.8%	\$ (285.13)	-37.5%	\$ (251.69)	-18.1%	\$ (301.16)	-2.6%
4	kWh	\$ 3.76	15.4%	\$ 0.94	2.9%	\$ 1.18	3.2%	\$ 1.33	1.0%
5 STREET LIGHTING SERVICE CLASSIFICATION - Non-RPP (Other)	kW	\$ 1.33	18.0%	\$ 1.17	14.9%	\$ 1.18	14.7%	\$ 1.33	10.2%
6 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 5.62	16.8%	\$ 3.43	7.6%	\$ 3.74	7.2%	\$ 4.22	2.6%
7 RESIDENTIAL SERVICE CLASSIFICATION - RPP	kWh	\$ 6.87	24.8%	\$ 5.50	17.0%	\$ 5.62	16.1%	\$ 6.34	8.2%
8 RESIDENTIAL SERVICE CLASSIFICATION - Non-RPP (Retailer)	kWh	\$ 6.87	24.8%	\$ 6.04	18.5%	\$ 6.16	17.4%	\$ 6.95	8.9%
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Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	750	kWh	
Demand	-	kW	
Current Loss Factor	1.0713		
Proposed/Approved Loss Factor	1.0694		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.25	1	\$ 24.25	\$ 31.76	1	\$ 31.76	\$ 7.51	30.97%
Distribution Volumetric Rate	\$ 0.0123	750	\$ 9.23	\$ 0.0097	750	\$ 7.28	\$ (1.95)	-21.14%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
Sub-Total A (excluding pass through)			\$ 33.48			\$ 39.09	\$ 5.62	16.77%
Line Losses on Cost of Power	\$ 0.1114	53	\$ 5.96	\$ 0.1114	52	\$ 5.80	\$ (0.16)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 0.0039	750	\$ 2.93	\$ 0.0011	750	\$ (0.83)	\$ (3.75)	-128.21%
GA Rate Riders				\$ -	750	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0013	750	\$ 0.98	\$ 0.0017	750	\$ 1.28	\$ 0.30	30.77%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 44.12			\$ 46.13	\$ 2.01	4.55%
RTSR - Network	\$ 0.0059	803	\$ 4.74	\$ 0.0062	802	\$ 4.97	\$ 0.23	4.90%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0027	803	\$ 2.17	\$ 0.0028	802	\$ 2.25	\$ 0.08	3.52%
Sub-Total C - Delivery (including Sub-Total B)			\$ 51.03			\$ 53.35	\$ 2.31	4.54%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	803	\$ 2.89	\$ 0.0036	802	\$ 2.89	\$ (0.01)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	803	\$ 1.04	\$ 0.0013	802	\$ 1.04	\$ (0.00)	-0.18%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	802	\$ 0.88	\$ 0.0011	802	\$ 0.88	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	488	\$ 42.41	\$ 0.0870	488	\$ 42.41	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	128	\$ 16.83	\$ 0.1320	128	\$ 16.83	\$ -	0.00%
TOU - On Peak	\$ 0.1800	135	\$ 24.30	\$ 0.1800	135	\$ 24.30	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 139.64			\$ 141.95	\$ 2.31	1.65%
HST	13%		\$ 18.15	13%		\$ 18.45	\$ 0.30	1.65%
Total Bill on TOU			\$ 157.80			\$ 160.40	\$ 2.61	1.65%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	2,000	kWh	
Demand	-	kW	
Current Loss Factor	1.0713		
Proposed/Approved Loss Factor	1.0694		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 28.27	1	\$ 28.27	\$ 33.36	1	\$ 33.36	\$ 5.09	18.00%
Distribution Volumetric Rate	\$ 0.0158	2000	\$ 31.60	\$ 0.0186	2000	\$ 37.20	\$ 5.60	17.72%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	2000	\$ -	\$ 0.0010	2000	\$ 2.00	\$ 2.00	-
Sub-Total A (excluding pass through)			\$ 59.87			\$ 72.56	\$ 12.69	21.20%
Line Losses on Cost of Power	\$ 0.1114	143	\$ 15.88	\$ 0.1114	139	\$ 15.46	\$ (0.42)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 0.0039	2,000	\$ 7.80	\$ 0.0009	2,000	\$ (1.80)	\$ (9.60)	-123.08%
GA Rate Riders				\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0012	2,000	\$ 2.40	\$ 0.0016	2,000	\$ 3.20	\$ 0.80	33.33%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 86.74			\$ 90.21	\$ 3.47	4.00%
RTSR - Network	\$ 0.0056	2,143	\$ 12.00	\$ 0.0059	2,139	\$ 12.62	\$ 0.62	5.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0026	2,143	\$ 5.57	\$ 0.0027	2,139	\$ 5.77	\$ 0.20	3.66%
Sub-Total C - Delivery (including Sub-Total B)			\$ 104.31			\$ 108.60	\$ 4.29	4.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,143	\$ 7.71	\$ 0.0036	2,139	\$ 7.70	\$ (0.01)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	2,143	\$ 2.79	\$ 0.0013	2,139	\$ 2.78	\$ (0.00)	-0.18%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	2,000	\$ 14.00	\$ 0.0070	2,000	\$ 14.00	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	2,139	\$ 2.35	\$ 0.0011	2,139	\$ 2.35	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	1,300	\$ 113.10	\$ 0.0870	1,300	\$ 113.10	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	340	\$ 44.88	\$ 0.1320	340	\$ 44.88	\$ -	0.00%
TOU - On Peak	\$ 0.1800	360	\$ 64.80	\$ 0.1800	360	\$ 64.80	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 354.19			\$ 358.47	\$ 4.27	1.21%
HST	13%		\$ 46.05	13%		\$ 46.60	\$ 0.56	1.21%
Total Bill on TOU			\$ 400.24			\$ 405.07	\$ 4.83	1.21%

Customer Class:	GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	66,182	kWh
Demand	195	kW
Current Loss Factor	1.0713	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 191.60	1	\$ 191.60	\$ 191.60	1	\$ 191.60	\$ -	0.00%
Distribution Volumetric Rate	\$ 0.9177	195	\$ 178.95	\$ 1.2094	195	\$ 235.83	\$ 56.88	31.79%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ -	195	\$ -	\$ 0.0102	195	\$ (1.99)	\$ (1.99)	-
Sub-Total A (excluding pass through)			\$ 370.55			\$ 425.44	\$ 54.89	14.81%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 1.5701	195	\$ 306.17	\$ 0.3053	195	\$ (59.53)	\$ (365.70)	-119.44%
GA Rate Riders				\$ -	66,182	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.4340	195	\$ 84.63	\$ 0.5657	195	\$ 110.31	\$ 25.68	30.35%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 761.35			\$ 476.22	\$ (285.13)	-37.45%
RTSR - Network	\$ 2.2317	195	\$ 435.18	\$ 2.3529	195	\$ 458.82	\$ 23.63	5.43%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.9898	195	\$ 193.01	\$ 1.0401	195	\$ 202.82	\$ 9.81	5.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,389.54			\$ 1,137.86	\$ (251.69)	-18.11%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	70,901	\$ 255.24	\$ 0.0036	70,775	\$ 254.79	\$ (0.45)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	70,901	\$ 92.17	\$ 0.0013	70,775	\$ 92.01	\$ (0.16)	-0.18%
Standard Supply Service Charge								-
Debt Retirement Charge (DRC)	\$ 0.0070	66,182	\$ 463.27	\$ 0.0070	66,182	\$ 463.27	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	70,775	\$ 77.85	\$ 0.0011	70,775	\$ 77.85	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	70,901	\$ 8,011.79	\$ 0.1130	70,775	\$ 7,997.58	\$ (14.21)	-0.18%
Total Bill on Average IESO Wholesale Market Price			\$ 10,289.87			\$ 10,023.36	\$ (266.51)	-2.59%
HST	13%		\$ 1,337.68	13%		\$ 1,303.04	\$ (34.65)	-2.59%
Total Bill on Average IESO Wholesale Market Price			\$ 11,627.55			\$ 11,326.40	\$ (301.16)	-2.59%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	599	kWh	
Demand	-	kW	
Current Loss Factor	1.0713		
Proposed/Approved Loss Factor	1.0694		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 14.73	1	\$ 14.73	\$ 16.99	1	\$ 16.99	\$ 2.26	15.34%
Distribution Volumetric Rate	\$ 0.0161	599	\$ 9.64	\$ 0.0186	599	\$ 11.14	\$ 1.50	15.53%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	599	\$ -	\$ -	599	\$ -	\$ -	
Sub-Total A (excluding pass through)			\$ 24.37			\$ 28.13	\$ 3.76	15.42%
Line Losses on Cost of Power	\$ 0.1114	43	\$ 4.76	\$ 0.1114	42	\$ 4.63	\$ (0.13)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 0.0040	599	\$ 2.40	\$ 0.0009	599	\$ (0.54)	\$ (2.94)	-122.50%
GA Rate Riders				\$ -	599	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0012	599	\$ 0.72	\$ 0.0016	599	\$ 0.96	\$ 0.24	33.33%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 32.25			\$ 33.18	\$ 0.94	2.90%
RTSR - Network	\$ 0.0056	642	\$ 3.59	\$ 0.0059	641	\$ 3.78	\$ 0.19	5.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0026	642	\$ 1.67	\$ 0.0027	641	\$ 1.73	\$ 0.06	3.66%
Sub-Total C - Delivery (including Sub-Total B)			\$ 37.51			\$ 38.69	\$ 1.18	3.15%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	642	\$ 2.31	\$ 0.0036	641	\$ 2.31	\$ (0.00)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	642	\$ 0.83	\$ 0.0013	641	\$ 0.83	\$ (0.00)	-0.18%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)	\$ 0.0070	599	\$ 4.19	\$ 0.0070	599	\$ 4.19	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	641	\$ 0.70	\$ 0.0011	641	\$ 0.70	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	389	\$ 33.87	\$ 0.0870	389	\$ 33.87	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	102	\$ 13.44	\$ 0.1320	102	\$ 13.44	\$ -	0.00%
TOU - On Peak	\$ 0.1800	108	\$ 19.41	\$ 0.1800	108	\$ 19.41	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 112.52			\$ 113.70	\$ 1.18	1.05%
HST	13%		\$ 14.63	13%		\$ 14.78	\$ 0.15	1.05%
Total Bill on TOU			\$ 127.15			\$ 128.48	\$ 1.33	1.05%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	28 kWh
Demand	0.080 kW
Current Loss Factor	1.0713
Proposed/Approved Loss Factor	1.0694

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 6.79	1	\$ 6.79	\$ 8.01	1	\$ 8.01	\$ 1.22	17.97%
Distribution Volumetric Rate	\$ 8.0054	0.08	\$ 0.64	\$ 9.4462	0.08	\$ 0.76	\$ 0.12	18.00%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Volumetric Rate Riders	\$ -	0.08	\$ -	\$ 0.0090	0.08	\$ (0.00)	\$ (0.00)	
Sub-Total A (excluding pass through)			\$ 7.43			\$ 8.76	\$ 1.33	17.96%
Line Losses on Cost of Power	\$ 0.1130	2	\$ 0.23	\$ 0.1130	2	\$ 0.22	\$ (0.01)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 1.8252	0	\$ 0.15	\$ 0.3186	0	\$ (0.03)	\$ (0.17)	-117.46%
GA Rate Riders				\$ -	28	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.3351	0	\$ 0.03	\$ 0.4368	0	\$ 0.03	\$ 0.01	30.35%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ 7.83			\$ 8.99	\$ 1.17	14.88%
RTSR - Network	\$ 1.6832	0	\$ 0.13	\$ 1.7753	0	\$ 0.14	\$ 0.01	5.47%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.7651	0	\$ 0.06	\$ 0.8040	0	\$ 0.06	\$ 0.00	5.08%
Sub-Total C - Delivery (including Sub-Total B)			\$ 8.02			\$ 9.20	\$ 1.18	14.65%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	30	\$ 0.11	\$ 0.0036	30	\$ 0.11	\$ (0.00)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	30	\$ 0.04	\$ 0.0013	30	\$ 0.04	\$ (0.00)	-0.18%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)	\$ 0.0070	28	\$ 0.20	\$ 0.0070	28	\$ 0.20	\$ -	0.00%
Ontario Electricity Support Program (OESP)	\$ 0.0011	30	\$ 0.03	\$ 0.0011	30	\$ 0.03	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1130	28	\$ 3.16	\$ 0.1130	28	\$ 3.16	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 11.56			\$ 12.74	\$ 1.18	10.16%
HST	13%		\$ 1.50	13%		\$ 1.66	\$ 0.15	10.16%
Total Bill on Average IESO Wholesale Market Price			\$ 13.07			\$ 14.40	\$ 1.33	10.16%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0713	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.25	1	\$ 24.25	\$ 31.76	1	\$ 31.76	\$ 7.51	30.97%
Distribution Volumetric Rate	\$ 0.0123	750	\$ 9.23	\$ 0.0097	750	\$ 7.28	\$ (1.95)	-21.14%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ -	750	\$ -	\$ 0.0001	750	\$ (0.08)	\$ (0.08)	
Sub-Total A (excluding pass through)			\$ 33.48			\$ 39.09	\$ 5.62	16.77%
Line Losses on Cost of Power	\$ 0.1130	53	\$ 6.04	\$ 0.1130	52	\$ 5.88	\$ (0.16)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 0.0051	750	\$ 3.83	\$ 0.0011	750	\$ (0.83)	\$ (4.65)	-121.57%
GA Rate Riders				\$ 0.0031	750	\$ 2.33	\$ 2.33	
Low Voltage Service Charge	\$ 0.0013	750	\$ 0.98	\$ 0.0017	750	\$ 1.28	\$ 0.30	30.77%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 45.11			\$ 48.54	\$ 3.43	7.60%
RTSR - Network	\$ 0.0059	803	\$ 4.74	\$ 0.0062	802	\$ 4.97	\$ 0.23	4.90%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0027	803	\$ 2.17	\$ 0.0028	802	\$ 2.25	\$ 0.08	3.52%
Sub-Total C - Delivery (including Sub-Total B)			\$ 52.02			\$ 55.76	\$ 3.74	7.19%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	803	\$ 2.89	\$ 0.0036	802	\$ 2.89	\$ (0.01)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	803	\$ 1.04	\$ 0.0013	802	\$ 1.04	\$ (0.00)	-0.18%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	802	\$ 0.88	\$ 0.0011	802	\$ 0.88	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	750	\$ 84.75	\$ 0.1130	750	\$ 84.75	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 141.59			\$ 145.32	\$ 3.73	2.63%
HST	13%		\$ 18.41	13%		\$ 18.89	\$ 0.48	2.63%
Total Bill on Non-RPP Avg. Price			\$ 159.99			\$ 164.21	\$ 4.22	2.63%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION		
RPP / Non-RPP:	RPP		
Consumption	285	kWh	
Demand	-	kW	
Current Loss Factor	1.0713		
Proposed/Approved Loss Factor	1.0694		

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.25	1	\$ 24.25	\$ 31.76	1	\$ 31.76	\$ 7.51	30.97%
Distribution Volumetric Rate	\$ 0.0123	285	\$ 3.51	\$ 0.0097	285	\$ 2.76	\$ (0.74)	-21.14%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ -	285	\$ -	\$ 0.0001	285	\$ (0.03)	\$ (0.03)	
Sub-Total A (excluding pass through)			\$ 27.76			\$ 34.63	\$ 6.87	24.75%
Line Losses on Cost of Power	\$ 0.1114	20	\$ 2.26	\$ 0.1114	20	\$ 2.20	\$ (0.06)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 0.0039	285	\$ 1.11	\$ 0.0011	285	\$ (0.31)	\$ (1.43)	-128.21%
GA Rate Riders				\$ -	285	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0013	285	\$ 0.37	\$ 0.0017	285	\$ 0.48	\$ 0.11	30.77%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 32.29			\$ 37.79	\$ 5.50	17.03%
RTSR - Network	\$ 0.0059	305	\$ 1.80	\$ 0.0062	305	\$ 1.89	\$ 0.09	4.90%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0027	305	\$ 0.82	\$ 0.0028	305	\$ 0.85	\$ 0.03	3.52%
Sub-Total C - Delivery (including Sub-Total B)			\$ 34.92			\$ 40.53	\$ 5.62	16.09%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	305	\$ 1.10	\$ 0.0036	305	\$ 1.10	\$ (0.00)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	305	\$ 0.40	\$ 0.0013	305	\$ 0.40	\$ (0.00)	-0.18%
Standard Supply Service Charge	\$ 0.2500	1	\$ 0.25	\$ 0.2500	1	\$ 0.25	\$ -	0.00%
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	305	\$ 0.34	\$ 0.0011	305	\$ 0.34	\$ -	0.00%
TOU - Off Peak	\$ 0.0870	185	\$ 16.12	\$ 0.0870	185	\$ 16.12	\$ -	0.00%
TOU - Mid Peak	\$ 0.1320	48	\$ 6.40	\$ 0.1320	48	\$ 6.40	\$ -	0.00%
TOU - On Peak	\$ 0.1800	51	\$ 9.23	\$ 0.1800	51	\$ 9.23	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 68.74			\$ 74.36	\$ 5.61	8.17%
HST	13%		\$ 8.94	13%		\$ 9.67	\$ 0.73	8.17%
Total Bill on TOU			\$ 77.68			\$ 84.02	\$ 6.34	8.17%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	285	kWh
Demand	-	kW
Current Loss Factor	1.0713	
Proposed/Approved Loss Factor	1.0694	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 24.25	1	\$ 24.25	\$ 31.76	1	\$ 31.76	\$ 7.51	30.97%
Distribution Volumetric Rate	\$ 0.0123	285	\$ 3.51	\$ 0.0097	285	\$ 2.76	\$ (0.74)	-21.14%
Fixed Rate Riders	\$ -	1	\$ -	\$ 0.13	1	\$ 0.13	\$ 0.13	
Volumetric Rate Riders	\$ -	285	\$ -	\$ 0.0001	285	\$ (0.03)	\$ (0.03)	
Sub-Total A (excluding pass through)			\$ 27.76			\$ 34.63	\$ 6.87	24.75%
Line Losses on Cost of Power	\$ 0.1130	20	\$ 2.30	\$ 0.1130	20	\$ 2.24	\$ (0.06)	-2.66%
Total Deferral/Variance Account Rate Riders	\$ 0.0051	285	\$ 1.45	\$ 0.0011	285	\$ (0.31)	\$ (1.77)	-121.57%
GA Rate Riders				\$ 0.0031	285	\$ 0.88	\$ 0.88	
Low Voltage Service Charge	\$ 0.0013	285	\$ 0.37	\$ 0.0017	285	\$ 0.48	\$ 0.11	30.77%
Smart Meter Entity Charge (if applicable)	\$ 0.7900	1	\$ 0.79	\$ 0.7900	1	\$ 0.79	\$ -	0.00%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 32.67			\$ 38.71	\$ 6.04	18.49%
RTSR - Network	\$ 0.0059	305	\$ 1.80	\$ 0.0062	305	\$ 1.89	\$ 0.09	4.90%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0027	305	\$ 0.82	\$ 0.0028	305	\$ 0.85	\$ 0.03	3.52%
Sub-Total C - Delivery (including Sub-Total B)			\$ 35.29			\$ 41.45	\$ 6.16	17.45%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	305	\$ 1.10	\$ 0.0036	305	\$ 1.10	\$ (0.00)	-0.18%
Rural and Remote Rate Protection (RRRP)	\$ 0.0013	305	\$ 0.40	\$ 0.0013	305	\$ 0.40	\$ (0.00)	-0.18%
Standard Supply Service Charge								
Debt Retirement Charge (DRC)								
Ontario Electricity Support Program (OESP)	\$ 0.0011	305	\$ 0.34	\$ 0.0011	305	\$ 0.34	\$ -	0.00%
Non-RPP Retailer Avg. Price	\$ 0.1130	285	\$ 32.21	\$ 0.1130	285	\$ 32.21	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 69.33			\$ 75.48	\$ 6.15	8.88%
HST	13%		\$ 9.01	13%		\$ 9.81	\$ 0.80	8.88%
Total Bill on Non-RPP Avg. Price			\$ 78.34			\$ 85.29	\$ 6.95	8.88%



REVENUE RECONCILIATION

NOW Inc. is proposing rates that are fair and equitable in order to recover the base revenue requirement of \$3,563,567 for recovery of the transformer ownership allowance of \$46,000 for a total gross revenue requirement of \$3,609,567.

The current approved rates applied to the 2017 load forecast and 2017 customer count provides a revenue by component as indicated in **Table 1**, which do not provide recovery for the revenue requirement.

Table 1 – Revenue from Current Rates

Customer Class Name	2017 PROJECTED DISTRIBUTION REVENUE AT EXISTING RATES				
	Fixed Rate	Customers (Connections)	Fixed Charge Revenue	Variable Revenue	TOTAL
Residential	\$24.2500	5,216	1,517,856	500,669	2,018,525
General Service < 50 kW	\$28.2700	784	265,964	311,905	577,869
General Service > 50 to 4999 kW	\$191.6000	71	163,243	106,825	270,068
Unmetered Scattered Load	\$14.7300	23	4,065	2,660	6,725
Street Lighting	\$6.7900	1,650	134,442	12,617	147,059
DISTRIBUTION REVENUE			2,085,571	934,676	3,020,247

NOW Inc. has proposed rates that provide for recovery of the revenue requirement, and **Table 2** reconciles the base revenue requirement. The calculated revenue is based on of the revenue collected from proposed rates, the difference between that and the allocated revenue is due to the rounding of rates.

Table 2 – Revenue from Proposed Rates

Customer Class Name	Fixed Charge			Variable Charge			Gross Revenue from Distribution Charges		
	Rate ¹	Volume ²	Revenue ³	Rate ¹	Volume ²	Revenue ³	Calculated * ¹	Allocated ** ²	Difference
Residential	\$31.76	62,592	1,987,922	\$0.0097	40,704,801 ¹	394,837	2,382,758 ¹	2,381,807 ¹	951
General Service < 50 kW	\$33.36	9,408	313,851	\$0.0186	19,740,824 ¹	367,179	681,030	681,824 ¹	-793
General Service > 50 to 4999 kW	\$191.60	852	163,243	\$1.2094	166,531 ¹	201,403	364,646 ¹	364,652 ¹	-6
Unmetered Scattered Load	\$16.99	276	4,689	\$0.0186	165,218 ¹	3,073	7,762 ¹	7,759 ¹	3
Street Lighting	\$8.01	19,800 ¹	158,598	\$9.4462	1,576 ¹	14,887	173,485 ¹	173,525 ¹	-40
TOTAL			2,628,303			981,379	3,609,682¹	3,609,567¹	115

Rounding in **Table 2** indicates a slight variance from the calculated rates when applied to the load forecast and customer count. This is related to the rounding of rates, and is not material.



- 1
- 2 The RRWF sheet 13 is provided at E8/T1/S1/Att1. This attachment details the load
- 3 forecast, customer count forecast, and proposed rates in order to reconcile to the
- 4 revenue requirement.



1

RATE MITIGATION

2

3 With the exception of Street Lighting, all rate classes have bill impacts of less than 10%.
4 In the case of street lighting, the bill impact is 10.16%. All municipalities have recently
5 completed a conversion to LED lighting, and will not be adversely impacted if the 0.16%
6 overage is not mitigated as the savings from the commodity will be significantly greater
7 than the distribution rate increase. Therefore, NOW Inc. is not proposing any rate
8 mitigation.