



Exhibit 8

RATE DESIGN

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1 **Exhibit 8: Rate Design**

2 **8.1 Rate Design Overview**

3 This Exhibit documents the calculation of KWHI's proposed distribution rates by rate
4 class for the 2020 Test Year, based on the rate design as proposed in this Exhibit.

5 KWHI has determined its total service revenue requirement to be \$48,771,170. The total
6 revenue offsets in the amount of \$3,243,900 reduce KWHI's total service revenue
7 requirement to a base revenue requirement of \$45,527,270 which is used to determine
8 the proposed distribution rates.

9 The base revenue requirement is derived from KWHI's capital and operating spending
10 forecasts, weather normalized usage, forecasted customer counts, and regulated return
11 on rate base. The revenue requirement is summarized in [Table 8.1-1](#) below:

12 **Table 8.1-1 – Base Revenue Requirement**

	Amount
OM&A Expenses	\$ 22,427,600
Amortization Expenses	11,013,500
Regulated Return on Capital	14,404,195
PILs	925,875
Service Revenue Requirement	\$ 48,771,170
Less: Revenue Offsets	3,243,900
Base Revenue Requirement	\$ 45,527,270

13
14 The outstanding base revenue requirement is allocated to the various rate classes as
15 outlined in Exhibit 7 – Cost Allocation, Table 7.3-2. The following [Table 8.1-2](#) outlines
16 the allocation of the base revenue requirement to the rate classes.



1 **Table 8.1-2 – Allocation of Base Revenue Requirement to Rate Classes**

	2020 Base Revenue Requirement
Residential	\$ 26,312,908
GS<50 kW	6,195,147
GS>50 kW	12,087,641
Large User	297,667
Street Lighting	334,895
Unmetered Scattered Load	151,850
Embedded Distributor	147,161
	\$ 45,527,270

2

3 **8.1.1 Fixed/Variable Proportion**

4 **8.1.1.1 Current Fixed/Variable Proportion**

5 The fixed revenue at existing rates is determined by applying the 2019 KWHI approved
6 monthly service charges to the forecasted number of customers by service area. The
7 variable revenue at existing rates is calculated by applying the 2019 approved
8 distribution volumetric charge, excluding rate riders and the transformer allowance, to
9 the forecasted volumes. This information is used to determine the current split between
10 fixed and variable distribution revenue by rate class for KWHI, which is outlined in [Table](#)
11 [8.1.1.1-1.](#)



1

Table 8.1.1.1-1 – Current Split Fixed/Variable

	2020 Fixed Base Revenue with 2019 Approved Rates	2020 Variable Base Revenue with 2019 Approved Rates	2020 Total Base Revenue with 2019 Approved Rates	Fixed Revenue Portion	Variable Revenue Portion
Residential	\$ 24,434,731	\$ -	\$ 24,434,731	100.0%	0.0%
GS<50 kW	2,710,264	3,067,452	5,777,716	46.9%	53.1%
GS>50 kW	2,062,437	8,925,865	10,988,302	18.8%	81.2%
Large User	206,266	68,276	274,541	75.1%	24.9%
Street Lighting	228,960	102,222	331,182	69.1%	30.9%
Unmetered Scattered Load	85,148	60,100	145,247	58.6%	41.4%
Embedded Distributor		102,603	102,603	0.0%	100.0%
	\$ 29,727,806	\$ 12,326,517	\$ 42,054,323		

2

3 8.1.1.2 Proposed Monthly Service Charge

4 KWHI proposes to maintain the fixed/variable proportions assumed in the current rates
 5 to design the proposed monthly service charges. This proposal is consistent with the
 6 Ontario Energy Board’s (OEB or Board) Decision in the following cases:

- 7 • Centre Wellington Hydro Ltd. - 2013 Cost of Service Rate (*EB-2012-0113*);
- 8 • Atikokan Hydro Inc. - 2012 Cost of Service Rate (*EB-2011-0293*);
- 9 • Espanola Regional Hydro Distribution Corporation - 2012 Cost of Service Rate
 10 (*EB-2011-0319*);
- 11 • Horizon Utilities Corporation - 2011 Cost of Service Application (*EB-2010-0131*);
- 12 • Hydro One Brampton Networks Inc. - 2011 Cost of Service Application (*EB-2010-*
 13 *0132*);
- 14 • Kenora Hydro Electric Corporation Ltd.- 2011 Cost of Service Application (*EB-*
 15 *2010-0135*);



1 **Residential Customer Class – Transition to Monthly Fixed Rate**

2 On April 2, 2015, The OEB released the *Report of the Board: A New Rate Design for*
3 *Electricity Residential Customers (EB-2012-0410)* and determined that residential
4 distribution rates would move to a fully-fixed monthly charge over a four-year period.
5 This transition process requires that the fixed charge is increased gradually while the
6 volumetric charge is reduced slowly, so that the customer rate impact and the
7 distributors residential class revenue remains neutral. In the 2016 Rate Applications
8 (EB-2015-0084), KWHI received approval to transition the residential rate to a fully-fixed
9 rate over a four-year period, commencing with the January 1, 2016 rates.

10 For KWHI, 2019 represents the fourth year and final year of the transition to a fully fixed
11 monthly service charge. As such, the 2020 distribution rate for the Residential rate
12 class will be charged on a fully fixed basis.

13 **Embedded Distributor**

14 As mentioned in Exhibit 7, KWHI is a host distributor to Waterloo North Hydro Inc.
15 (WNHI). KWHI has an existing Embedded Distributor Service Classification for WNHI.
16 The distribution rates for the Embedded Distributor were established in 2014 and were
17 based on fully volumetric basis. KWHI proposes to maintain this rate design for 2020.

18 The following [Table 8.1.1.2-1](#) outlines the proposed monthly service charge by rate
19 class for KWHI in 2020:



1 **Table 8.1.1.2-1 – Proposed Monthly Service Charge**

	Total Base Revenue Requirement	Fixed Revenue Proportion	Fixed Revenue	Annualized Customers / Connections	Proposed Monthly Service Charge
Residential	\$ 26,312,908	100.0%	\$ 26,312,908	1,078,320	24.40
GS<50 kW	6,195,147	46.9%	2,906,077	97,632	29.77
GS>50 kW	12,087,641	18.8%	2,268,776	11,256	201.56
Large User	297,667	75.1%	223,640	12	18,636.69
Street Lighting	334,895	69.1%	231,527	305,280	0.76
Unmetered Scattered Load	151,850	58.6%	89,018	11,460	7.77
Embedded Distributor	147,161		-	12	-
	\$ 45,527,270		\$ 32,031,947		

2

3 For comparison purposes, [Table 8.1.1.2-2](#) below compares the current 2019 fixed rate

4 to the proposed 2020 fixed rate and the minimum system with PLCC adjustment as

5 calculated by the Cost Allocation model.

6 **Table 8.1.1.2-2 – Monthly Service Charge Comparison**

	Current 2019 Fixed Monthly Service Charge	Proposed 2020 Monthly Service Charge	Minimum System with PLCC Adjustment (from Cost Allocation Model)
Residential	22.66	24.40	14.84
GS<50 kW	27.76	29.77	18.30
GS>50 kW	183.23	201.56	100.79
Large User	17,188.81	18,636.69	91.52
Street Lighting	0.75	0.76	7.56
Unmetered Scattered Load	7.43	7.77	7.75
Embedded Distributor	-	-	-

7

8 **8.1.1.3 Proposed Volumetric Charges**

9 The variable distribution charge is calculated by dividing the variable distribution portion

10 of the base revenue requirement by the appropriate KWHI Test Year usage, kWh or

11 kW, as the class charge determinant.



1 The following [Table 8.1.1.3-1](#) provides KWHI's calculation of its proposed variable
 2 distribution charges for the 2020 Test Year.

3 **Table 8.1.1.3-1 – Proposed Variable Rate (net of Transformer Allowance)**

	Total Base Revenue Requirement	Variable Revenue Proportion	Variable Revenue	Annualized kWh or kW	Unit of Measure	Proposed Distribution Volumetric Rate
Residential	\$ 26,312,908	0.0%	\$ -	671,446,586	kWh	-
GS<50 kW	6,195,147	53.1%	3,289,071	230,635,457	kWh	0.0143
GS>50 kW	12,087,641	81.2%	9,818,865	2,008,643	kW	4.8883
Large User	297,667	24.9%	74,027	70,127	kW	1.0556
Street Lighting	334,895	30.9%	103,368	20,391	kW	5.0693
Unmetered Scattered Loac	151,850	41.4%	62,832	4,173,587	kWh	0.0151
Embedded Distributor	147,161	100.0%	147,161	43,316	kW	3.3974
	<u>\$ 45,527,270</u>		<u>\$ 13,495,323</u>			

4
 5 **8.1.1.4 Transformer Allowance**

6 Currently, KWHI provides a Transformer Allowance to those customers that own their
 7 transformation facilities. KWHI proposes to maintain the current approved transformer
 8 ownership allowance of \$0.60 per kW. The Transformer Allowance is intended to reflect
 9 the costs to a distributor of providing step down transformation facilities to the
 10 customer's utilization voltage level. Since the distributor provides electricity at utilization
 11 voltage, the cost of this transformation is captured in and recovered through the
 12 distribution rates.

13 When a customer provides its own step-down transformation from primary to secondary,
 14 it should receive a credit of these costs already included in the distribution rates. The
 15 amount of Transformer Allowance expected to be provided to the customers in the
 16 General Service>50 kW class that own their transformers has been included in the
 17 volumetric charge for this class. For the General Service>50 kW class, the kW
 18 volumetric charge of \$4.8883 per kW will increase by \$0.3201 per kW to a total of
 19 \$5.2084 per kW to recover the amount of the Transformer Allowance over all kW in the
 20 class. For the Large Use class, the kW volumetric charge of \$1.0556 per kW will



1 increase by \$0.6000 per kW to a total of \$1.6556 per kW to recover the amount of the
2 Transformer Allowance in the class.

3 **8.1.1.5 Proposed Distribution Rates**

4 The following [Table 8.1.1.5-1](#) sets out KWHI's proposed electricity distribution rates
5 based on the foregoing calculations, including adjustments for the recovery of
6 transformer allowance. These rates are consistent with those calculated in Tab 13 of
7 the Revenue Requirement Work Form that has been filed in live Excel format
8 ([EB-2019-0049_KWHI_Appl_Rev_Reqt_Workform_20190430](#)).

9 **Table 8.1.1.5-1 – Proposed Distribution Rates**

	Proposed Monthly Service Charge	Unit of Measure	Proposed Distribution Volumetric Rate
Residential	24.40	kWh	0.0000
GS<50 kW	29.77	kWh	0.0143
GS>50 kW	201.56	kW	5.2084
Large User	18,636.69	kW	1.6556
Street Lighting	0.76	kW	5.0693
Unmetered Scattered Load	7.77	kWh	0.0151
Embedded Distributor	-	kW	3.3974

11 **8.1.1.6 Standby Charge**

12 KWHI proposes no changes to its current interim approved standby charges. The
13 current charge is worded as follows:

14 Standby Charges – for a month where standby power is not provided, the charge
15 is based on the applicable General Service 50 to 4,999 kW or Large Use
16 Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate
17 rating of generation facility).



1 **8.1.1.7 Revenue Reconciliation**

- 2 [Table 8.1.1.7-1](#) provides a reconciliation of revenue based on proposed distribution
3 rates and the total base revenue requirement.



1
2

Table 8.1.1.7-1 – Revenue Reconciliation

	Customers / Connections	Number of Customer / Connections	Test Year Consumption / Demand		Proposed Rates		Fixed Revenue	Variable Revenue	Transformer Allowance	Proposed Revenues	Revenue Requirement	Difference	
					Monthly Service Charge	Volumetric							
						kWh							kW
Residential	Customers	89,860	671,446,586		24.40	-	26,311,008	-		26,311,008	26,312,908	(1,900)	
GS<50 kW	Customers	8,136	230,635,457		29.77	0.0143	2,906,505	3,298,087		6,204,592	6,195,147	9,444	
GS>50 kW	Customers	938		2,008,643	201.56	5.2084	2,268,759	10,461,816	(642,908)	12,087,668	12,087,641	27	
Large User	Customers	1		70,127	18,636.69	1.6556	223,640	116,102	(42,076)	297,667	297,667	(0)	
Street Lighting	Connections	25,440		20,391	0.76	5.0693	232,013	103,368		335,381	334,895	486	
Unmetered Scattered Load	Connections	955	4,173,587		7.77	0.0151	89,044	63,021		152,065	151,850	215	
Embedded Distributor	Customers	1		43,316	-	3.3974	-	147,162		147,162	147,161	1	
							32,030,969	14,189,557	(684,984)	45,535,542	45,527,270	8,272	

3



1 **8.2 Retail Transmission Service Rates (RTSRs)**

2 On June 28, 2012, the Board issued its Revision to Guideline G-2008-0001 – Electricity
3 Distribution Retail Transmission Service Rates. This revision outlined the information
4 that the Board requires an electricity distributor to file for approval to adjust its retail
5 transmission service rates and directed that the revised guideline should be used for
6 2020 rate applications. KWHI has followed the Board's Guideline G-2008-0001 in the
7 preparation of this Application.

8 The Transformation Connection Service Rate does not apply to KWHI as it owns all of
9 its own transformer stations.

10 KWHI receives wholesale transmission service from metered points that are directly
11 connected to the grid. KWHI is billed Uniform Transmission Rates by the IESO on all
12 capacity delivered through these points. KWHI passes these charges on to customers
13 with OEB-approved Retail Transmission Service Rates (RTSR). In order to determine
14 the RTSR, KWHI has utilized the most recent version of the Board's RTSR_Workform
15 (2019 RTSR Workform v 1.2) for the development of the proposed rates. The 2020
16 RTSR_Workform was not available at the time of preparation of this Application.

17 KWHI has included the RTSR model as [Appendix 8-1](#), and included the live Excel
18 model as part of this Application ([EB-2019-0049_KWHI_Appl_2019_RTSR_Workform_20190430](#)).

19 The Proposed Retail Transmission rates are outlined in [Table 8.2-1](#) below. The
20 proposed RTSRs have been used in the Cost of Power calculation.:



1 **Table 8.2-1 – Proposed Retail Transmission Rates**

	Retail Transmission Network Rates		Retail Transmission Connection Rates	
	per kWh	per kW	per kWh	per kW
Residential	0.0061		0.0017	
GS<50 kW	0.0053		0.0015	
GS>50 kW		2.8298		0.8451
Large User		2.6596		0.7945
Street Lighting		1.7207		0.5144
Unmetered Scattered Load	0.0053		0.0015	
2 Embedded Distributor		2.6680		0.7972

3 **8.3 Retail Service Charges**

4 On February 14, 2019, the OEB issued its Decision and Order on Energy Retailer
 5 Service Charges (EB-2015-0304). The report stated that the rates are subject to an
 6 adjustment mechanism using the annual adjustment factor applied in the OEB's
 7 incentive regulation mechanism. For the purposes of this Application, KWHI is using
 8 the 2019 charges as outlined in [Table 8.3-1](#) below to calculate its revenues for Retail
 9 Service charges in its 2020 Test Year budget.

10 **Table 8.3-1 – Retail Service Charges**

Retail Service Charge	Charge
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	100.00
Monthly fixed charge, per retailer	40.00
Monthly variable charge, per customer, per retailer	1.00
Distributor consolidated billing charge, per customer, per retailer	0.60
Retailer consolidated billing credit, per customer, per retailer	(0.60)
Service Transaction Requests – Request fee, per request, applied to the requesting party	0.50
Service Transaction Requests – Processing fee, per request, applied to the requesting party	1.00
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 system, applied to the requesting party	No Charge (Up to twice a year) \$4.00 (More than twice a year, per request, plus incremental delivery costs)
11 Notice of switch letter	2.00



1 KWHI is not proposing any changes to Retail Service Charges that have not been
2 approved by the Board.

3 **8.4 Regulatory Charges**

4 On December 20, 2018 the Board issued a Decision and Order (EB-2018-0294)
5 establishing that the Wholesale Market Service used by rate-regulated distributors to bill
6 their customers shall be \$0.0030 per kilowatt-hour, effective January 1, 2019. For Class
7 B customers a CBR component of \$0.0004 per kilowatt-hour shall be added to the WMS
8 rate for a total of \$0.0034 per kilowatt-hour. For Class A customers, distributors shall
9 bill the actual CBR costs to Class A customers in proportion to their contribution to peak.

10 On December 20, 2018, the Board issued a Decision and Order (EB-2018-0294)
11 establishing that the RRRP charge used by rate-regulated distributors to bill their
12 customers shall be \$0.0005 per kilowatt-hour for electricity consumed on or after
13 January 1, 2019. This unit rate shall apply to a customer's metered energy
14 consumption adjusted by the distributor's OEB-approved Total Loss Factor.

15 On March 1, 2018, the OEB issued its Decision and Order regarding the Independent
16 Electricity System Operator / Smart Metering Entity - Smart Metering Charge 2018-2022
17 (EB-2017-0290). This Decision approved the smart metering charge (SMC) to be levied
18 and collected by the Independent Electricity System Operator in its capacity as the
19 Smart Metering Entity (SME), effective January 1, 2018. The new SMC is \$0.57 per
20 smart meter per month, a reduction from the previous SMC of \$0.79 per smart meter
21 per month.

22 The Standard Supply Service Charge is set by the OEB as an administrative fee
23 payable by customers who purchase electricity directly from their distributors. The rate
24 is set by the OEB on a generic basis. The current rate is \$0.25 per customer per
25 month.



1 **8.5 Specific Service Charges**

2 KWHI is proposing the continuation of its current Customer Administration Charges at
3 current levels except for an increase to its Meter Removal without Authorization charge.
4 The proposed change to this charge is based on the standard charges established
5 during the 2006 EDR and are based on the projected need for the service in its service
6 territory.

7 As a part of the review of Customer Service Rules (EB-2017-0183), KWHI has taken
8 into consideration the proposed amendments to the Distribution System Code, Standard
9 Supply Service Code, Unit Submetering Code, and Gas Distribution Access Rule. In
10 light of these proposed amendments, KWHI has removed the word "Disconnection"
11 from its Specific Service Charges.

12 As part of EB-2015-0304, wireline pole attachments increased to \$43.63 effective
13 January 1, 2019. KWHI does not have an LDC specific charge and will charge the OEB
14 approved rate to its pole line attachers.

15 The list of the current and proposed service charges and the associated rates are
16 detailed in the [Table 8.5-1](#) below:



1 **Table 8.5-1 – Current and Proposed Specific Service Charges**

	Current	Proposed
Current Service Charges		
Customer Administration		
Returned Cheque fee (plus agency costs)	\$ 15.00	15.00
Account set up charge/ change of occupancy charge (plus credit agency costs if applicable)	\$ 20.00	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$ 30.00	30.00
Credit Check	\$ 15.00	-
Non Payment of Account		
Late Payment - per month	% 1.50	1.50
Late Payment - per annum	% 19.56	19.56
Collection of account charge - no disconnection	\$ 30.00	-
Reconnect at meter - during regular hours	\$ 65.00	65.00
Reconnect at meter - after regular hours	\$ 185.00	185.00
Reconnect at pole - during regular hours	\$ 95.00	95.00
Other		
Meter removal without Authorization	\$ 60.00	355.00
Service Call - After Regular hours	\$ 105.00	105.00
Specific Charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$ 43.63	43.63

2

3 KWHI also proposes to eliminate the currently approved rate for “Credit Check” of \$15.
 4 It has not been KWHI’s practice to charge for a credit check and no income has been
 5 received for this charge since the charge was approved in KWHI’s last Cost of Service
 6 Application in 2014 (EB-2013-0147).

7 A reconciliation between Other Revenues and Specific Service Charges can be found in
 8 Exhibit 3, Section 3.4.

9 KWHI is proposing to increase the rate it charges customers who remove a meter
 10 without authorization from the current \$60 to \$355. This charge would be used for
 11 cases where a customer has removed a meter and tampered with the service
 12 connection, or stolen meter from one service to be used at another. KWHI’s practice is
 13 to involve the police in these instances of vandalism or theft which requires time to
 14 administer and communicate in written form. These instances also involve the Electrical
 15 Safety Authority.



1 A detailed breakdown of the costs incurred by KWHI are included in [Table 8.5-2](#) below.
 2 It supports the increased charge from \$60 to \$355. It is estimated that KWHI would
 3 receive an additional \$1,600 from the additional charge. All rate classes will be
 4 impacted by the change.

5 **Table 8.5-2 – Meter Removal Without Authorization**

Specific Service Charges				
Generic Rates and Model for Deriving LDC Specific Rates				
LDC Name: <i>Kitchener-Wilmot Hydro Inc.</i>				
Please complete one model for each Specific Service Charge Requested.				
Fill in only the blue ranges that are appropriate for the Specific Service Charge Described.				
Specific Service Charge Description:	Meter Remval Without Authorization			
	Rate/Amount	Hours/Units	O/T Factor	Calculated Cost
L Direct Labour (inside staff) Straight Time	35.00	3		\$105.00
A Direct Labour (inside staff) Overtime				
B Direct Labour (field staff) Straight Time	35.00	1		\$35.00
O Direct Labour (field staff) Overtime				
U Other Labour (Specify) <i>Administration w Police</i>	35.00	1		\$35.00
R Payroll Burden %	40%			\$70.00
Total Labour Cost				\$245.00
O Small Vehicle Time	10.00	1		\$10.00
T Large Vehicle Time				
H Other: Material	100.00			\$100.00
E Contract				
R Other				
Total Other				\$110.00
Total Cost				\$355.00
Specific Service Charge Value Requested - Round to nearest \$5				\$355.00

6

7 **8.6 Low Voltage Rates**

8 KWHI does not charge nor pay any low voltage rates or does it have any Board
 9 approved rates for low voltage rates.

10 **8.7 Smart Meter Entity Charge**

11 On March 1, 2018, the OEB approved the Application by the IESO who, in its capacity
 12 as the Smart Metering Entity (SME), for a smart metering charge (SMC) for the 2018-
 13 2022 period. The OEB also issued a letter to all licensed electricity distributors outlining



1 that the SMC is a pass-through amount to be charged by distributors to all applicable
 2 customers in the Residential and General Service<50 kW classes. The retail level
 3 charge appears as the Smart Metering Entity Charge on a distributor's Tariff of Rates
 4 and Charges.

5 KWHI has followed the accounting guidance for the Smart Meter Entity charge as
 6 provided in an OEB letter dated March 23, 2018.

7 **8.8 Loss Adjustment Factors**

8 KWHI has calculated the total loss factor to be applied to customers' consumption
 9 based on the average wholesale and retail kWh for the years 2014 to 2018. KWHI is
 10 not an Embedded Distributor. The calculations are summarized in the following [Table](#)
 11 [8.8-1](#) which also consistent with calculations provided in Appendix 2-R, a copy of which
 12 is included in [Appendix 8-2](#).

13 **Table 8.8-1 – Loss Adjustment Factors**

		Historical Years					5-Year Average
		2014	2015	2016	2017	2018	
Losses Within Distributor's System							
A(1)	"Wholesale" kWh delivered to distributor (higher value)						-
A(2)	"Wholesale" kWh delivered to distributor (lower value)	1,867,866,895	1,835,641,484	1,838,270,574	1,784,676,367	1,869,761,460	1,839,243,356
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)	63,779,158	35,958,984	29,059,772	31,592,190	33,545,884	38,787,197
C	Net "Wholesale" kWh delivered to distributor = A(2) - B	1,804,087,737	1,799,682,500	1,809,210,802	1,753,084,177	1,836,215,576	1,800,456,159
D	"Retail" kWh delivered by distributor	1,817,570,944	1,786,682,501	1,785,354,632	1,729,388,751	1,818,689,251	1,787,537,216
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)	63,442,910	35,769,406	28,906,567	31,425,634	33,369,028	38,582,709
F	Net "Retail" kWh delivered by distributor = D - E	1,754,128,034	1,750,913,095	1,756,448,065	1,697,963,117	1,785,320,223	1,748,954,507
G	Loss Factor in Distributor's system = C / F	1.0285	1.0279	1.0300	1.0325	1.0285	1.0294
Losses Upstream of Distributor's System							
H	Supply Facilities Loss Factor	1.0053	1.0053	1.0053	1.0053	1.0053	1.0053
Total Losses							
I	Total Loss Factor = G x H	1.0339	1.0333	1.0355	1.0379	1.0340	1.0349

15 [Table 8.8-2](#) provides the Total Loss Factors for Primary and Secondary customers:



1

Table 8.8-2 – Total Loss Factors

Total Loss Factors	
Supply Facility Loss Factor	1.0053
Distribution Loss Factor	
Distribution Loss Factor - Secondary Metered Customer <5,000kW	1.0294
Distribution Loss Factor - Primary Metered Customer <5,000kW	1.0192
Total Loss Factor	
Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0349
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0246

2

3 KWHI’s proposed Total Loss Factor (TLF) is 1.0349.

4 KWHI’s distribution 5-year average loss adjustment factor is less than 5%. Pursuant to
5 the Filing Requirements, as the Distribution Loss Adjustment Factor is less than 5%,
6 KWHI is not required to provide an explanation of, or justification for, its loss adjustment
7 factor.

8 8.9 Tariff of Rates and Charges

9 The current Tariff of Rates and Charges are based on the current Board Approved 2019
10 IRM Rate Order dated December 13, 2018 and is included as [Appendix 8-3](#) of this
11 Exhibit.

12 KWHI has prepared the proposed 2020 Tariff of Rates and Charges consistent with the
13 current definition of rate classes and the current Terms and Conditions of Service that
14 have been maintained in this Application. For the proposed Tariff of Rates and Charges,
15 refer to [Appendix 8-4](#). The proposed Tariff of Rates and Charges is also included in the
16 Board model “2019_Tariff_Schedule_and_Bill_Impact_Model” which is filed as a live
17 Excel file (EB-2019-0049_KWHI_Appl_2019_Tariff_Schedule_and_Bill_Impact_Model_20190430).



1 **8.10 Bill Impact Information**

2 [Table 8.10-1](#) below presents KWHI's distribution rate and total bill impacts by level of
3 consumption by customer per rate class. Impacts are shown using the applicable
4 current approved rates (effective January 1, 2019) and the proposed KWHI rates for
5 distribution, including Rate Riders for the recovery of Deferral and Variance accounts
6 discussed in Exhibit 9. The rate impacts are assessed on the basis of moving to the
7 proposed distribution rates.

8 As part of the process of transitioning to fully fixed rates for residential customers, all
9 LDCs in the province have been directed by the Board to assess the bill impacts for a
10 residential customer at the 10th consumption percentile. The process followed by KWHI
11 is outlined below:

- 12 • KWHI extracted residential consumption data from its Customer Information
13 System for the year 2014 for all customers with a full year of data. This data
14 extraction in an Excel spreadsheet calculated average consumption for all
15 residential customers to be 667 kWh per month.
- 16 • Using the Excel formula for Percentile, the 10th consumption percentile was
17 calculated to be 280.25 kWh.
- 18 • For bill impact analysis, 280 kWh was used.

19 [Appendix 8-4](#) to this Exhibit presents the Proposed Tariff of Rates and Charges.



1 **Table 8.10-1 – Distribution and Total Bill Impact**

Class	Consumption /Demand	Units	A		Sub-Total B		C		Total Total Bill	
			\$	%	\$	%	\$	%	\$	%
Residential	750	kwh	2.24	9.9%	6.50	30.5%	6.66	24.4%	6.99	7.2%
GS<50 kW	2,000	kwh	6.01	11.1%	19.58	40.9%	19.99	32.5%	20.55	8.4%
GS>50 kW	60	kw	64.64	13.8%	61.13	14.0%	67.70	10.4%	71.31	2.1%
Large User	5,250	kw	2,064.24	8.1%	22,542.39	365.8%	22,542.39	365.8%	24,870.83	7.1%
Unmetered Scattered Load	2,000	kwh	1.94	5.4%	16.31	57.4%	16.72	39.8%	18.42	7.6%
Street Lighting	7	kw	1.57	1.4%	(1.58)	-1.3%	(1.11)	-0.8%	(1.84)	-0.4%
Embedded Distributor	3,600	kw	3,815.28	44.7%	8,044.92	168.7%	8,416.44	49.9%	9,510.86	49.9%
Residential	280	kwh	1.96	8.6%	3.55	15.8%	3.61	14.6%	3.79	7.4%

2
3 KWHI submits that the bill impacts of its proposed electricity distribution rates are
4 reasonable and do not require rate mitigation.

5 **8.11 Rate Mitigation**

6 As the total bill impact for all rate classes, except the Embedded Distributor, is less than
7 10%, no rate mitigation is necessary. Discussions were held with the Embedded
8 Distributor regarding the rate increase and WNHI questioned it. KWHI explained that
9 the increase was due to changes to the Cost Allocation model which allocated more
10 costs to the Embedded Distributor than previous versions of the model did. WNHI
11 recognized that the rate increase was out of KWHI’s control and communicated that rate
12 mitigation would not be required.

13 **8.11.1 Residential Rate Design**

14 KWHI moved all its residential customers to fully fixed rates effective January 1, 2019.

15 **8.11.2 Mitigation Plan Approaches**

16 No total bill increase for any class, except the Embedded Distributor, is expected to
17 exceed 10% and therefore no mitigation plan is required.

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File Number: EB-2019-0049

Exhibit: 8

Filed: April 30, 2019

Appendix 8-1: 2019 RTSR Workform

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2019 RTSR Workform for Electricity Distributors

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

Utility Name	Kitchener-Wilmot Hydro Inc.
Service Territory	
Assigned EB Number	EB-2019-0049
Name and Title	Margaret Nanninga, CEO & VP Finance
Phone Number	519 749 6177
Email Address	mnanninga@kwhydro.ca
Date	April 26, 2019
Last COS Re-based Year	2014

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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.



2019 RTSR Workform for Electricity Distributors

[1. Info](#)

[2. Table of Contents](#)

[3. Rate Classes](#)

[4. RRR Data](#)

[5. UTRs and Sub-Transmission](#)

[6. Historical Wholesale](#)

[7. Current Wholesale](#)

[8. Forecast Wholesale](#)

[9. RTSR Rates to Forecast](#)

2019 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	680,846,103		1.0351	704,743,801
Residential	RTSR - Connection	kWh	0.0017	680,846,103		1.0351	704,743,801
General Service Less Than 50 kW	RTSR - Network	kWh	0.0051	240,602,997		1.0351	249,048,162
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0015	240,602,997		1.0351	249,048,162
General Service 50 to 4,999 kW	RTSR - Network	kW	2.7205	839,662,733	2,202,763		
General Service 50 to 4,999 kW	RTSR - Connection	kW	0.8449	839,662,733	2,202,763		
Large Use	RTSR - Network	kW	2.5569	33,369,028	64,612		
Large Use	RTSR - Connection	kW	0.7943	33,369,028	64,612		
Unmetered Scattered Load	RTSR - Network	kWh	0.0051	4,009,942	0	1.0351	4,150,691
Unmetered Scattered Load	RTSR - Connection	kWh	0.0015	4,009,942	0	1.0351	4,150,691
Street Lighting	RTSR - Network	kW	1.6543	7,466,579	25,208		
Street Lighting	RTSR - Connection	kW	0.5143	7,466,579	25,208		
Embedded Distributor	RTSR - Network	kW	2.5650	12,731,869	33,065		
Embedded Distributor	RTSR - Connection	kW	0.7970	12,731,869	33,065		

2019 RTSR Workform for Electricity Distributors

Uniform Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.66	\$ 3.61	\$ 3.71
Line Connection Service Rate	kW	\$	0.87	\$ 0.95	\$ 0.94
Transformation Connection Service Rate	kW	\$	2.02	\$ 2.34	\$ 2.25

Hydro One Sub-Transmission Rates		Unit	2017	2018	2019
Rate Description			Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.1942	
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7710	
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.7493	
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.5203	\$ -



2019 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	262,481	\$3.61	947,556	302,696	\$0.95	287,561				\$ 287,561
February	245,313	\$3.61	885,580	278,597	\$0.95	264,667				\$ 264,667
March	231,395	\$3.61	835,336	275,413	\$0.95	261,642				\$ 261,642
April	228,591	\$3.61	825,214	256,754	\$0.95	243,916				\$ 243,916
May	307,189	\$3.61	1,108,952	350,056	\$0.95	332,553				\$ 332,553
June	299,345	\$3.61	1,080,635	350,781	\$0.95	333,242				\$ 333,242
July	322,745	\$3.61	1,165,109	364,372	\$0.95	346,153				\$ 346,153
August	319,617	\$3.61	1,153,817	358,182	\$0.95	340,273				\$ 340,273
September	335,868	\$3.61	1,212,483	374,758	\$0.95	356,020				\$ 356,020
October	243,061	\$3.61	877,450	272,361	\$0.95	258,743				\$ 258,743
November	249,482	\$3.61	900,630	291,561	\$0.95	276,983				\$ 276,983
December	244,652	\$3.61	883,194	280,248	\$0.95	266,236				\$ 266,236
Total	3,289,739	\$ 3.61	\$ 11,875,958	3,755,779	\$ 0.95	\$ 3,567,990	-	\$ -	\$ -	\$ 3,567,990

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



2019 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when current 2018 Uniform Transmission Rates are applied against historical 2017 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	262,481	\$ 3.6100	\$ 947,556	302,696	\$ 0.9500	\$ 287,561	-	\$ 2.3400	\$ -	\$ 287,561
February	245,313	\$ 3.6100	\$ 885,580	278,597	\$ 0.9500	\$ 264,667	-	\$ 2.3400	\$ -	\$ 264,667
March	231,395	\$ 3.6100	\$ 835,336	275,413	\$ 0.9500	\$ 261,642	-	\$ 2.3400	\$ -	\$ 261,642
April	228,591	\$ 3.6100	\$ 825,214	256,754	\$ 0.9500	\$ 243,916	-	\$ 2.3400	\$ -	\$ 243,916
May	307,189	\$ 3.6100	\$ 1,108,952	350,056	\$ 0.9500	\$ 332,553	-	\$ 2.3400	\$ -	\$ 332,553
June	299,345	\$ 3.6100	\$ 1,080,635	350,781	\$ 0.9500	\$ 333,242	-	\$ 2.3400	\$ -	\$ 333,242
July	322,745	\$ 3.6100	\$ 1,165,109	364,372	\$ 0.9500	\$ 346,153	-	\$ 2.3400	\$ -	\$ 346,153
August	319,617	\$ 3.6100	\$ 1,153,817	358,182	\$ 0.9500	\$ 340,273	-	\$ 2.3400	\$ -	\$ 340,273
September	335,868	\$ 3.6100	\$ 1,212,483	374,758	\$ 0.9500	\$ 356,020	-	\$ 2.3400	\$ -	\$ 356,020
October	243,061	\$ 3.6100	\$ 877,450	272,361	\$ 0.9500	\$ 258,743	-	\$ 2.3400	\$ -	\$ 258,743
November	249,482	\$ 3.6100	\$ 900,630	291,561	\$ 0.9500	\$ 276,983	-	\$ 2.3400	\$ -	\$ 276,983
December	244,652	\$ 3.6100	\$ 883,194	280,248	\$ 0.9500	\$ 266,236	-	\$ 2.3400	\$ -	\$ 266,236
Total	3,289,739	\$ 3.61	\$ 11,875,958	3,755,779	\$ 0.95	\$ 3,567,990	-	\$ -	\$ -	\$ 3,567,990

Hydro One	Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
February	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
March	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
April	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
May	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
June	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
July	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
August	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
September	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
October	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
November	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
December	-	\$ 3.1942	\$ -	-	\$ 0.7710	\$ -	-	\$ 1.7493	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Add Extra Host Here (I)	Network			Line Connection			Transformation Connection			Total Line
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2019 RTSR Workform for Electricity Distributors

The purpose of this sheet is to calculate the expected billing when forecasted 2019 Uniform Transmission Rates are applied against historical 2017 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	262,481	\$ 3.7100	\$ 973,805	302,696	\$ 0.9400	\$ 284,534	-	\$ 2.2500	\$ -	\$ 284,534
February	245,313	\$ 3.7100	\$ 910,111	278,597	\$ 0.9400	\$ 261,881	-	\$ 2.2500	\$ -	\$ 261,881
March	231,395	\$ 3.7100	\$ 858,475	275,413	\$ 0.9400	\$ 258,888	-	\$ 2.2500	\$ -	\$ 258,888
April	228,591	\$ 3.7100	\$ 848,073	256,754	\$ 0.9400	\$ 241,349	-	\$ 2.2500	\$ -	\$ 241,349
May	307,189	\$ 3.7100	\$ 1,139,671	350,056	\$ 0.9400	\$ 329,053	-	\$ 2.2500	\$ -	\$ 329,053
June	299,345	\$ 3.7100	\$ 1,110,570	350,781	\$ 0.9400	\$ 329,734	-	\$ 2.2500	\$ -	\$ 329,734
July	322,745	\$ 3.7100	\$ 1,197,384	364,372	\$ 0.9400	\$ 342,510	-	\$ 2.2500	\$ -	\$ 342,510
August	319,617	\$ 3.7100	\$ 1,185,779	358,182	\$ 0.9400	\$ 336,691	-	\$ 2.2500	\$ -	\$ 336,691
September	335,868	\$ 3.7100	\$ 1,246,070	374,758	\$ 0.9400	\$ 352,273	-	\$ 2.2500	\$ -	\$ 352,273
October	243,061	\$ 3.7100	\$ 901,756	272,361	\$ 0.9400	\$ 256,019	-	\$ 2.2500	\$ -	\$ 256,019
November	249,482	\$ 3.7100	\$ 925,578	291,561	\$ 0.9400	\$ 274,067	-	\$ 2.2500	\$ -	\$ 274,067
December	244,652	\$ 3.7100	\$ 907,659	280,248	\$ 0.9400	\$ 263,433	-	\$ 2.2500	\$ -	\$ 263,433
Total	3,289,739	\$ 3.71	\$ 12,204,932	3,755,779	\$ 0.94	\$ 3,530,432	-	\$ -	\$ -	\$ 3,530,432

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

2019 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	704,743,801		4,157,988	35.4%	4,208,421	0.0060
General Service Less Than 50 kW	RTSR - Network	kWh	0.0051	249,048,162		1,270,146	10.8%	1,285,551	0.0052
General Service 50 to 4,999 kW	RTSR - Network	kW	2.7205		2,202,763	5,992,617	51.1%	6,065,302	2.7535
Large Use	RTSR - Network	kW	2.5569		64,612	165,205	1.4%	167,209	2.5879
Unmetered Scattered Load	RTSR - Network	kWh	0.0051	4,150,691	0	21,169	0.2%	21,425	0.0052
Street Lighting	RTSR - Network	kW	1.6543		25,208	41,702	0.4%	42,207	1.6744
Embedded Distributor	RTSR - Network	kW	2.5650		33,065	84,812	0.7%	85,841	2.5961

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	0.0017	704,743,801		1,198,064	33.9%	1,211,090	0.0017
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0015	249,048,162		373,572	10.6%	377,634	0.0015
General Service 50 to 4,999 kW	RTSR - Connection	kW	0.8449		2,202,763	1,861,115	52.7%	1,881,349	0.8541
Large Use	RTSR - Connection	kW	0.7943		64,612	51,321	1.5%	51,879	0.8029
Unmetered Scattered Load	RTSR - Connection	kWh	0.0015	4,150,691	0	6,226	0.2%	6,294	0.0015
Street Lighting	RTSR - Connection	kW	0.5143		25,208	12,964	0.4%	13,105	0.5199
Embedded Distributor	RTSR - Connection	kW	0.7970		33,065	26,353	0.7%	26,640	0.8057

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	0.0060	704,743,801		4,208,421	35.4%	4,324,998	0.0061
General Service Less Than 50 kW	RTSR - Network	kWh	0.0052	249,048,162		1,285,551	10.8%	1,321,162	0.0053
General Service 50 to 4,999 kW	RTSR - Network	kW	2.7535		2,202,763	6,065,302	51.1%	6,233,316	2.8298
Large Use	RTSR - Network	kW	2.5879		64,612	167,209	1.4%	171,841	2.6596
Unmetered Scattered Load	RTSR - Network	kWh	0.0052	4,150,691	0	21,425	0.2%	22,019	0.0053
Street Lighting	RTSR - Network	kW	1.6744		25,208	42,207	0.4%	43,376	1.7207
Embedded Distributor	RTSR - Network	kW	2.5961		33,065	85,841	0.7%	88,219	2.6680

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	0.0017	704,743,801		1,211,090	33.9%	1,198,342	0.0017
General Service Less Than 50 kW	RTSR - Connection	kWh	0.0015	249,048,162		377,634	10.6%	373,659	0.0015
General Service 50 to 4,999 kW	RTSR - Connection	kW	0.8541		2,202,763	1,881,349	52.7%	1,861,545	0.8451
Large Use	RTSR - Connection	kW	0.8029		64,612	51,879	1.5%	51,333	0.7945
Unmetered Scattered Load	RTSR - Connection	kWh	0.0015	4,150,691	0	6,294	0.2%	6,227	0.0015
Street Lighting	RTSR - Connection	kW	0.5199		25,208	13,105	0.4%	12,967	0.5144
Embedded Distributor	RTSR - Connection	kW	0.8057		33,065	26,640	0.7%	26,359	0.7972

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File Number: EB-2019-0049

Exhibit: 8

Filed: April 30, 2019

Appendix 8-2: Required OEB Filing Appendices

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**Appendix 2-R
 Loss Factors**

	Historical Years					5-Year Average
	2014	2015	2016	2017	2018	
Losses Within Distributor's System						
A(1)	"Wholesale" kWh delivered to distributor (higher value)					
A(2)	1,867,866,895	1,835,641,484	1,838,270,574	1,784,676,367	1,869,761,460	1,839,243,356
B	Portion of "Wholesale" kWh delivered to distributor for its Large Use Customer(s)					
C	63,779,158	35,958,984	29,059,772	31,592,190	33,545,884	38,787,197
C	Net "Wholesale" kWh delivered to distributor = A(2) - B					
D	1,804,087,737	1,799,682,500	1,809,210,802	1,753,084,177	1,836,215,576	1,800,456,159
D	"Retail" kWh delivered by distributor					
E	1,817,570,944	1,786,682,501	1,785,354,632	1,729,388,751	1,818,689,251	1,787,537,216
E	Portion of "Retail" kWh delivered by distributor to its Large Use Customer(s)					
F	63,442,910	35,769,406	28,906,567	31,425,634	33,369,028	38,582,709
F	Net "Retail" kWh delivered by distributor = D - E					
G	1,754,128,034	1,750,913,095	1,756,448,065	1,697,963,117	1,785,320,223	1,748,954,507
G	Loss Factor in Distributor's system = C / F					
	1.0285	1.0279	1.0300	1.0325	1.0285	1.0294
Losses Upstream of Distributor's System						
H	Supply Facilities Loss Factor					
	1.0053	1.0053	1.0053	1.0053	1.0053	1.0053
Total Losses						
I	Total Loss Factor = G x H					
	1.0339	1.0333	1.0355	1.0379	1.0340	1.0349

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.

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File Number: EB-2019-0049

Exhibit: 8

Filed: April 30, 2019

Appendix 8-3: KWHI Current Tariff Schedule

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Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2018-0048

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	22.66
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh	(0.0020)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0035
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0052)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0016
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0017

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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EB-2018-0048

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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EB-2018-0048

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	27.76
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0133
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh	(0.0020)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0035
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0053)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0007
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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EB-2018-0048

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, General Service 50 to 999 kW interval metered and General Service 1,000 to 4,999 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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	\$	183.23
Distribution Volumetric Rate	\$/kW	4.7638
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 Applicable only for Non-Wholesale Market Participants - Approved on an Interim Basis	\$/kW	(0.6063)
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(0.1558)

Issued - December 13, 2018

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0035
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.4357)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(1.5171)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kW	0.2854
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kW	0.0890
Retail Transmission Rate - Network Service Rate	\$/kW	2.7205
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8449

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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EB-2018-0048

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17,188.81
Distribution Volumetric Rate	\$/kW	1.5736
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(1.0756)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(2.3148)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kW	(0.2835)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.5569
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	0.7943

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.43
Distribution Volumetric Rate	\$/kWh	0.0144
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kWh	(0.0050)
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kWh	(0.0020)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, 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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	0.75
Distribution Volumetric Rate	\$/kW	5.0131
Rate Rider for Disposition of Global Adjustment Account (2019) - effective until December 31, 2019 Applicable only for Non-RPP Customers - Approved on an Interim Basis	\$/kWh	0.0019
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(0.7104)
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0035
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(1.8213)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019 Applicable only for Non-RPP Customers	\$/kW	0.2908
Rate Rider for Disposition of Capacity Based Recovery Account (2018) - effective until April 30, 2019 Applicable only for Class B Customers	\$/kW	0.0847
Retail Transmission Rate - Network Service Rate	\$/kW	1.6543
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5143

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Monthly Distribution Wheeling Service Rate - Dedicated LV Line	\$/kW	2.3687
Rate Rider for Disposition of Deferral/Variance Accounts (2019) - effective until December 31, 2019 - Approved on an Interim Basis	\$/kW	(0.1889)
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until April 30, 2019	\$/kW	(0.8549)
Retail Transmission Rate - Network Service Rate	\$/kW	2.5650
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.7970

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
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EB-2018-0048

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Condition 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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Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
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STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of the billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as name-plate rating of the load displacement facility. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES**APPLICATION**

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

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

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

Customer Administration

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

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
Disconnect/reconnect at pole - during regular hours	\$	95.00

Other

Meter removal without authorization	\$	60.00
Service call - after regular hours	\$	105.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2019
This schedule supersedes and replaces all previously
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EB-2018-0048

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

	\$	100.00
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer		
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	1.0351
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0154
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0226
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053

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File Number: EB-2019-0049

Exhibit: 8

Filed: April 30, 2019

Appendix 8-4: KWHI Proposed Tariff Schedule

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Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
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EB-2019-0049

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less where the electricity is used exclusively in a separate 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. All customers are single-phase. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	24.40
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$	0.05
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Global Adjustment (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0023)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0003
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0017

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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EB-2019-0049

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non residential account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	29.77
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0143
Rate Rider for Disposition of Global Adjustment (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0023)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0001
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kWh	0.0009
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0053
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply: General Service 50 to 999 kW non-interval metered, General Service 50 to 999 kW interval metered and General Service 1,000 to 4,999 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

The rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to WMP, customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

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	\$	201.56
Distribution Volumetric Rate	\$/kW	5.2084
Rate Rider for Disposition of Global Adjustment (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0023)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.1076
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.0274
Rate Rider for Deferral/Variance Accounts - Applicable for Non Wholesale Market Participants - effective until December 31, 2020	\$/kW	0.0601

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Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2020) - effective until December 31, 2020	\$/kW	0.2998
Retail Transmission Rate - Network Service Rate	\$/kW	2.8298
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.8451

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

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LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18,636.70
Distribution Volumetric Rate	\$/kW	1.6556
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.2267
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.0354
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	2.6596
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	0.7945

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	7.77
Distribution Volumetric Rate	\$/kWh	0.0151
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0004
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0053
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0015

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, 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. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	0.76
Distribution Volumetric Rate	\$/kW	5.0693
Rate Rider for Disposition of Global Adjustment (2020) Applicable only for Non-RPP Customers - effective until December 31, 2020	\$/kWh	(0.0023)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.1523
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.0253
Retail Transmission Rate - Network Service Rate	\$/kW	1.7207
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.5144

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Kitchener-Wilmot Hydro Inc.
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EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the Ontario Energy Board that is provided electricity by means of this distributor's facilities. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Monthly Distribution Wheeling Service Rate - Dedicated LV Line	\$/kW	3.3974
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.1311
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts (2020) - effective until December 31, 2020	\$/kW	0.0311
Retail Transmission Rate - Network Service Rate	\$/kW	2.6680
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.7972

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microFIT SERVICE CLASSIFICATION

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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STANDBY POWER SERVICE CLASSIFICATION

This classification applies to an account with load displacement facilities that contracts with the distributor to provide emergency standby power when its load displacement facilities are not in operation. The level of the billing demand will be agreed to by the distributor and the customer, based on detailed manufacturer information/documentation such as name-plate rating of the load displacement facility. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component - Approved on an Interim Basis

Standby Charge - for a month where standby power is not provided, the charge is based on the applicable General Service 50 to 4,999 kW or Large use Distribution Volumetric Charge applied to the contracted amount (e.g. nameplate rating of generation facility).

Kitchener-Wilmot Hydro Inc.
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ALLOWANCES

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

SPECIFIC SERVICE CHARGES

APPLICATION

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

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

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

Customer Administration

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

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
Disconnect/reconnect at pole - during regular hours	\$	95.00

Other

Meter removal without authorization	\$	355.00
Service call - after regular hours	\$	105.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	43.63

Kitchener-Wilmot Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date January 1, 2020
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2019-0049

RETAIL SERVICE CHARGES (if applicable)

APPLICATION

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

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

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

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

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

	\$	100.00
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer		
Monthly fixed charge, per retailer	\$	40.00
Monthly variable charge, per customer, per retailer	\$/cust.	1.00
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.60
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.60)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.50
Processing fee, per request, applied to the requesting party	\$	1.00
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)	\$	4.00
Notice of Switch Letter	\$	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	1.0349
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0294
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0246
Total Loss Factor - Primary Metered Customer > 5,000 kW	1.0053