



EB-2014-0119

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

AND IN THE MATTER OF an application by Waterloo North
Hydro Inc. for an order approving just and reasonable rates
and other charges for electricity distribution to be effective
May 1, 2015.

By Delegation, Before: Lynne Anderson

DECISION and RATE ORDER

March 19, 2015

Waterloo North Hydro Inc. (“Waterloo North Hydro”) filed an application with the Ontario Energy Board (the “Board”) on October 30, 2014 under section 78 of the *Ontario Energy Board Act*, seeking approval for changes to the rates that Waterloo North Hydro charges for electricity distribution, effective May 1, 2015 (the “Application”).

Waterloo North Hydro last appeared before the Board with a cost of service application for the 2011 rate year in the EB-2010-0144 proceeding. To adjust its 2015 rates, Waterloo North Hydro selected the Price Cap Incentive Rate-setting option (the “Price Cap IR”) which provides for a mechanistic and formulaic adjustment to distribution rates and charges in the period between cost of service proceedings. The Application met the Board’s filing requirements¹ for filings by rate-regulated electricity distributors (“distributors”) applying for annual rate adjustments under Price Cap IR.

¹ Report of the Board: Renewed Regulatory Framework for Electricity Distributors: A Performance-Based Approach (October 18, 2012); and Filing Requirements for Electricity Distribution Rate Applications (July 25, 2014)

While the entire record in this proceeding has been considered by me, this decision will make reference only to such information as is necessary to provide context to my conclusions. The following issues are addressed in this Decision and Rate Order:

- Price Cap Index Adjustment;
- Rural or Remote Electricity Rate Protection Charge;
- Shared Tax Savings Adjustments;
- Retail Transmission Service Rates; and
- Review and Disposition of Group 1 Deferral and Variance Account Balances.

Price Cap Index Adjustment

The Price Cap IR option is a streamlined regulatory process designed to provide distributors with sufficient revenue to cover cost increases due to inflation while providing an incentive structure to drive productivity improvements.

Under the Price Cap IR option², distribution rates are adjusted by an inflation factor, less the sum of a productivity factor and a stretch factor. Based on its established method³, the Board has set the inflation factor for 2015 rates at 1.6% and the productivity factor remains zero percent. The Board also determined that the stretch factor can range from 0.0% to 0.6%, assigned based on a distributor's cost evaluation ranking. The Board assigned Waterloo North Hydro a stretch factor of 0.3%, based on the updated benchmarking study for use for rates effective in 2015⁴.

As a result, the net price cap index adjustment for Waterloo North Hydro is 1.3% (i.e. 1.6 % - (0% + 0.3%)). The price cap index adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes. The price cap index adjustment does not apply to the components of delivery rates set out in the list below:

- Rate Riders;
- Rate Adders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;

² Report on Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors (December 4, 2013)

³ As outlined in the Report cited at footnote 2 above.

⁴ Report to the Ontario Energy Board – "Empirical Research in Support of Incentive Rate-Setting: 2013 Benchmarking Update." Pacific Economics Group LLC. July, 2014.

- Rural or Remote Electricity Rate Protection Charge;
- Standard Supply Service – Administrative Charge;
- Transformation and Primary Metering Allowances;
- Loss Factors;
- Specific Service Charges;
- MicroFit Charge; and
- Retail Service Charges.

Rural or Remote Electricity Rate Protection Charge

The Board has determined that the Rural or Remote Electricity Rate Protection (“RRRP”) benefit and charge for 2015 shall remain \$0.0013 per kWh⁵. The Tariff of Rates and Charges flowing from this Decision and Rate Order reflects this RRRP charge.

Shared Tax Savings Adjustments

The Board has determined that a 50/50 sharing of the impact of legislated tax changes between shareholders and ratepayers is appropriate and that the tax reduction will be allocated to customer rate classes on the basis of the Board-approved distribution revenue from an applicant’s last cost of service proceeding⁶.

The Application identified a total tax savings of \$111,647 resulting in a shared amount of \$55,824 to be refunded to rate payers.

I approve the disposition of the shared tax savings of \$55,824 based on a volumetric rate rider using annualized consumption for all customer classes over the one-year period from May 1, 2015 to April 30, 2016.

Retail Transmission Service Rates

Electricity distributors are charged for transmission costs at the wholesale level and then pass on these charges to their distribution customers through their Retail Transmission Service Rates (“RTSRs”). Variance accounts 1584 and 1586 are used to

⁵ Decision with Reasons and Rate Order, EB-2014-0347

⁶ Supplemental Report of the Board on 3rd Generation Incentive Regulation for Ontario’s Electricity Distributors (September 17, 2008)

capture differences in the rate that a distributor pays for wholesale transmission service relative to the retail rate that the distributor is authorized to charge when billing its customers.

The Board has issued guidelines⁷ which outline the information that the Board requires electricity distributors to file in order to adjust their RTSRs for 2015. The RTSR guideline requires electricity distributors to adjust their RTSRs based on a comparison of historical transmission costs adjusted for the new Uniform Transmission Rates (“UTR”) and the revenues generated under existing RTSRs. Similarly, partially embedded distributors, such as Waterloo North Hydro, must adjust their RTSRs to reflect any changes to the applicable RTSRs of their host distributors. Waterloo North is embedded to Hydro One Networks Inc., Kitchener-Wilmot Hydro Inc., and Cambridge and North Dumfries Hydro Inc.

The Board has adjusted the UTRs effective January 1, 2015⁸, as shown in the following table:

2015 Uniform Transmission Rates

Network Service Rate	\$3.78 per kW
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.86 per kW
Transformation Connection Service Rate	\$2.00 per kW

The Board has not yet established Hydro One’s sub-transmission class rates for 2015, including the retail transmission service rates for this class. I will therefore approve the RTSRs as adjusted in this Application so that they reflect those which currently apply to this class, as shown in the following table. The differences arising from the new 2015 rates, once approved, will be captured in Accounts 1584 and 1586 for future disposition.

2014 HONI Sub-Transmission RTSRs

Network Service Rate	\$3.23 per kW
<u>Connection Service Rates</u>	
Line Connection Service Rate	\$0.65per kW
Transformation Connection Service Rate	\$1.62 per kW

⁷ Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates, revision 4.0 (June 28, 2012)

⁸ 2015 Uniform Electricity Transmission Rate Order, EB-2014-0357

The Board also approved new RTSR rates for Kitchener-Wilmot Hydro Inc.⁹, as shown in the table below.

2015 Kitchener-Wilmot Hydro Inc. Embedded Distributor RTSRs

Network Service Rate	\$3.11 per kW
Line and Transformation Connection Service Rate	\$0.71 per kW

For Cambridge and North Dumfries Hydro Inc., Board-approved rates effective May 1, 2014 are the most current and therefore have been used.

2014 Cambridge and North Dumfries Hydro Inc. Embedded Distributor RTSRs

Network Service Rate	\$2.72 per kW
Line and Transformation Connection Service Rate	\$1.91 per kW

I conclude that these 2015 UTRs and Sub-Transmission class RTSRs are to be incorporated into the filing module to adjust the RTSRs that Waterloo North Hydro will charge its customers accordingly.

Review and Disposition of Group 1 Deferral and Variance Account Balances

The Board's policy on deferral and variance accounts¹⁰ provides that, during the IRM plan term, the distributor's Group 1 account balances will be reviewed and disposed if the preset disposition threshold of \$0.001 per kWh, whether in the form of a debit or credit, is exceeded. The onus is on the distributor to justify why any account balance in excess of the threshold should not be disposed. If the balances are below this threshold, the distributor may propose to dispose of balances.

Waterloo North Hydro's 2013 actual year-end total balance for Group 1 accounts including interest projected to April 30, 2015 is a credit of \$1,540,588. This amount results in a total credit claim of \$0.0011 per kWh, which exceeds the preset disposition threshold. Waterloo North Hydro proposes to dispose of this credit amount over a one-year period.

The balances proposed for disposition are the same as the amounts reported as part of the Board's *Reporting and Record-Keeping Requirements*. I approve the disposition of a

⁹ Rate Order, EB-2014-0089, issued December 19, 2014

¹⁰ Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative (July 31, 2009)

credit balance of \$1,540,588 as of December 31, 2013, including interest as of April 30, 2015 for Group 1 accounts. These balances are to be disposed over a one-year period from May 1, 2015 to April 30, 2016.

The table below identifies the principal and interest amounts which the Board approves for disposition.

Group 1 Deferral and Variance Account Balances

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C = A + B
LV Variance Account	1550	101,650	2,554	104,204
Smart Meter Entity Variance Charge	1551	32,301	947	33,248
RSVA - Wholesale Market Service Charge	1580	(926,113)	(28,059)	(954,172)
RSVA - Retail Transmission Network Charge	1584	(422,798)	(10,994)	(433,792)
RSVA - Retail Transmission Connection Charge	1586	(267,572)	(7,342)	(274,914)
RSVA - Power	1588	(462,831)	(8,477)	(471,308)
RSVA - Global Adjustment	1589	430,530	25,616	456,146
Recovery of Regulatory Asset Balances	1590			
Disposition and Recovery of Regulatory Balances (2008)	1595			
Disposition and Recovery of Regulatory Balances (2009)	1595			
Total Group 1 Excluding Global Adjustment – Account 1589		(1,945,363)	(51,371)	(1,996,734)
Total Group 1		(1,514,833)	(25,755)	(1,540,588)

The balance of each Group 1 account approved for disposition shall be transferred to the applicable principal and interest carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in Article 220, Account Descriptions, of the *Accounting Procedures Handbook for Electricity Distributors*, effective January 1, 2012. The date of the transfer must be the same as the effective date for the associated rates, which is, generally, the start of the rate year. Waterloo North Hydro should ensure these adjustments are included in the reporting period ending June 30, 2015 (Quarter 2).

Disposition of Deferral and Variance Accounts for Class A customers and Wholesale Market Participants

As indicated in the Filing Requirements¹¹, distributors must establish separate rate riders to recover the balances in the retail settlement variance accounts from market participants in order that they not be allocated any balances related to charges which they settle directly with the IESO (e.g. wholesale energy, wholesale market services).

The Board further determined that a distributor who serves Class A customers per Ontario Regulation 429/04 must propose an appropriate allocation for the recovery of the global adjustment variance balance based on its settlement process with the Independent Electricity System Operator.

Waterloo North Hydro confirmed that it has two customers in the GS > 50 to 4,999 class that are also Market Participants and that RSVA account balances have not been allocated to these two customers.

Waterloo North Hydro also noted that with respect to its one Class A customer, it is not proposing to charge a rate rider for the disposition of Account 1589 since the way it settles this charge with this customer does not result in a variance.

I conclude that Waterloo North Hydro has appropriately addressed the allocation issues relating to both Wholesale Market Participants and Class A consumers.

Rate Model

With this Decision and Rate Order are a rate model, applicable supporting models and a Tariff of Rates and Charges (Appendix A). Entries in the rate model were reviewed to ensure that they were in accordance with the 2014 Board-approved Tariff of Rates and Charges. The rate model was adjusted, where applicable, to correct any discrepancies.

¹¹ See footnote 1

THE BOARD ORDERS THAT:

1. The Tariff of Rates and Charges set out in Appendix A of this Decision and Rate Order is approved effective May 1, 2015 for electricity consumed or estimated to have been consumed on and after such date. Waterloo North Hydro Inc. shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

DATED at Toronto, March 19, 2015

ONTARIO ENERGY BOARD

Original Signed by

Kirsten Walli
Board Secretary

Appendix A

To Decision and Rate Order

Tariff of Rates and Charges

Board File No: EB-2014-0119

DATED: March 19, 2015

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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

EB-2014-0119

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. 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	15.20
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of service-based rate order	\$	2.11
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0192
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0001)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0014)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016 Applicable only for Non RPP Customers	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0023

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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

EB-2014-0119

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. 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	31.96
Rate Rider for Recovery of Smart Meter Incremental Revenue Requirement - in effect until the effective date of the next cost of service-based rate order	\$	5.51
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0143
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.00005)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0014)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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EB-2014-0119

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. Further servicing details are available in the distributor's Conditions of Service. 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.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	119.38
Distribution Volumetric Rate	\$/kW	4.7395
Low Voltage Service Rate	\$/kW	0.0551
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.0099)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016 Applicable only for Non Wholesale Market Participants	\$/kW	(0.6502)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016 Applicable only for Wholesale Market Participants	\$/kW	(0.1945)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016 Applicable only for Non RPP Customers	\$/kW	0.2675
Retail Transmission Rate - Network Service Rate - (less than 1,000 kW)	\$/kW	2.8421
Retail Transmission Rate - Network Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	3.0187
Retail Transmission Rate - Network Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	3.0148
Retail Transmission Rate - Line and Transformation Connection Service Rate - (less than 1,000 kW)	\$/kW	0.8165
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (less than 1,000 kW)	\$/kW	1.0198
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered (1,000 to 4,999 kW)	\$/kW	1.0187

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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

EB-2014-0119

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. 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	6,975.72
Distribution Volumetric Rate	\$/kW	3.3375
Low Voltage Service Rate	\$/kW	0.0553
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.0072)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.7541)
Retail Transmission Rate - Network Service Rate - Interval Metered	\$/kW	3.3423
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval Metered	\$/kW	1.0234

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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EB-2014-0119

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. 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	15.98
Distribution Volumetric Rate	\$/kWh	0.0199
Low Voltage Service Rate	\$/kWh	0.0001
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kWh	(0.0002)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kWh	(0.0015)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016		
Applicable only for Non RPP Customers	\$/kWh	0.0006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0021

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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EB-2014-0119

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 OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.33
Distribution Volumetric Rate	\$/kW	8.6832
Low Voltage Service Rate	\$/kW	0.0341
Rate Rider for Application of Tax Change (2015) - effective until April 30, 2016	\$/kW	(0.0208)
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.5199)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016 Applicable only for Non RPP Customers	\$/kW	0.2139
Retail Transmission Rate - Network Service Rate	\$/kW	2.1437
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	0.6310

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2015

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

EB-2014-0119

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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

EB-2014-0119

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

This classification applies to an electricity distributor licensed by the 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Distribution Volumetric Rate	\$/kW	0.0126
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2016	\$/kW	(0.5823)
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2016 Applicable only for Non RPP Customers	\$/kW	0.2396

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0044
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Waterloo North 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 and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Board, and amendments thereto as approved by the 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 Board, and amendments thereto as approved by the 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 Board approval, such as the Debt Retirement Charge, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration

Easement letter	\$	15.00
Notification charge	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Income tax letter	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00

Other

Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
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Waterloo North Hydro Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2015

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EB-2014-0119

RETAIL SERVICE CHARGES (if applicable)

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

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

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

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

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

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

LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0404
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0150
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0300
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0050