

December 11, 2015

Ms. Kirstin Walli Board Secretary Ontario Energy Board P.O. Box 2319 2300 Yonge Street, 27th Floor Toronto, ON M4P 1E4

Dear Ms. Walli:

Re: Hydro Ottawa Limited Custom Incentive Regulation ("Custom IR")
Application for 2016-2020 Electricity Distribution Rates and Charges –
Board File Number EB-2015-0004

Through further review, Hydro Ottawa Limited ("Hydro Ottawa") has noted the November 19, 2015 OEB Decision and Order, regarding the Wholesale Market Service Rate ("WMS") and the Ontario Electricity Support Program Charge ("OESP"), was not incorporated in the Dry Core Transformer Charges Draft Tariff of rates and Charges provided in Hydro Ottawa's Amended September 18, 2015 Settlement Proposal filed December 7, 2015.

Hydro Ottawa herein provides a revised Appendix 2-Z, proposed Tariffs of rates and charges, which reflects the November 19, 2015 WMS and OESP in the Dry Core Transformer Charges.

Thank you,

Geoff Simpson Chief Financial Officer

Tel. / tél. 613-738-5499 | ext. / poste 7606

Email: <u>regulatoryaffairs@hydroottawa.com</u>

geoffsimpson@hydroottawa.com

cc: Violet Binette, OEB Christie Clark, OEB

Maureen Helt, OEB Fred Cass, Aird & Berlis EB-2015-0004 Interveners

Hydro Ottawa Limited / Hydro Ottawa limitée

3025 Albion Road North, PO Box 8700 / chemin Albion Nord, C.P. 8700 Ottawa, Ontario K1G 3S4 www.hydroottawa.com









# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2016

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

EB-2015-0004

## RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the 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	\$	12.96
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0193
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016	\$/kWh	(0.00002)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016	\$/kWh	(0.000826)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2016	\$/kWh	(0.001509)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016 Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2016 - Applicable only for Non-RPP Customers	\$ \$/kWh	0.32
	φ	0.0020
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2016

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EB-2015-0004

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to non residential accounts taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Further servicing details are available in the 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	\$	17.23
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0216
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016	\$/kWh	0.00023
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016	\$/kWh	(0.000840)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2016	\$/kWh	(0.001509)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016	\$/kWh	0.00007
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2016 - Applicable only for Non-RPP Customers		
	\$/kWh	0.00281

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2016

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EB-2015-0004

## **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 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.

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

Ontario Electricity Support Program Charge (OESP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	200.00
Distribution Volumetric Rate	\$/kW	4.0706
Low Voltage Service Rate	\$/kW	0.02526
Retail Transmission Rate - Network Service Rate	\$/kW	2.8608
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8267
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016	\$/kW	(0.07711)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016	\$/kW	(0.355415)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2016	\$/kW	(0.634536)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016  Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2016 - Applicable only for	\$/kW	(0.0290)
Non-RPP Customers		
	\$/kWh	0.00281
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013

\$/kWh

0.0011

0.25

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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EB-2015-0004

## **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,500 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW	4,193.93 3.6541 0.02700 2.9704 1.9522
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016 Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2016	\$/kW \$/kW \$/kW	(0.07711) (0.395098) (0.705383)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016  Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2016 - Applicable only for Non-RPP Customers	\$/kW \$/kWh	(0.03435)
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural Rate Protection Charge Ontario Electricity Support Program Charge (OESP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0036 0.0013 0.0011 0.25

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2016

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EB-2015-0004

### LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand 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**

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

Service Charge Distribution Volumetric Rate Low Voltage Service Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$ \$/kW \$/kW \$/kW \$/kW	15,231.32 3.4742 0.03040 3.2927 2.1984
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016 Rate Rider for Disposition of Deferral/Variance Accounts - NON WMP - effective until December 31, 2016	\$/kW \$/kW \$/kW	(0.07711) (0.467580) (0.834788)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016 Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2016 - Applicable only for Non-RPP Customers	\$/kW	(0.04082)
	\$/kWh	0.00281
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate Rural Rate Protection Charge Ontario Electricity Support Program Charge (OESP) Standard Supply Service - Administrative Charge (if applicable)	\$/kWh \$/kWh \$/kWh \$	0.0036 0.0013 0.0011 0.25

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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EB-2015-0004

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

#### **APPLICATION**

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

Service Charge (per connection)	\$	4.42
Distribution Volumetric Rate	\$/kWh	0.0219
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016	\$/kWh	(0.00044)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016	\$/kWh	(0.000845)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2016	\$/kWh	(0.001509)

Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016 \$/kWh (0.00004)

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2016

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EB-2015-0004

## STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge	\$	126.36
General Service 50 to 1,4999 kW customer	\$/kW	1.6865
General Service 1,500 to 4,999 kW customer	\$/kW	1.5469
General Service Large User kW customer	\$/kW	1.7166

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2016

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EB-2015-0004

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge (per connection)	\$	2.98
Distribution Volumetric Rate	\$/kW	11.3998
Low Voltage Service Rate	\$/kW	0.01877
Retail Transmission Rate - Network Service Rate	\$/kW	2.1118
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3570

Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016	\$/kW	(0.187879)
Rate Rider for Disposition of Deferral/Variance Accounts- NON WMP - effective until December 31, 2016	\$/kW	(0.335428)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31 2016	\$/k\//	0.00393

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2016

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EB-2015-0004

0.0011

0.25

\$/kWh

\$

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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.

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

Ontario Electricity Support Program Charge (OESP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge (per connection)	\$	0.75
Distribution Volumetric Rate	\$/kW	5.3171
Low Voltage Service Rate	\$/kW	0.01916
Retail Transmission Rate - Network Service Rate	\$/kW	2.1225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3853

Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery - effective until December 31, 2016 Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2016 Rate Rider for Disposition of Deferral/Variance Accounts - NON WMP - effective until December 31, 2016	\$/kW \$/kW \$/kW	(0.24051) (0.299010) (0.533834)
Rate Rider for Disposition of Group 2 Accounts - effective until December 31, 2016  Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2016 - Applicable only for Non-RPP Customers	\$/kW	(0.02585)
NOTAL Education	\$/kWh	0.00281
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013

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EB-2015-0004

## Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 \$ 18.00

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#### FIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's FIT 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.

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

Service Charge \$ 119.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

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EB-2015-0004

## HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs 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.

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

Service Charge \$ 259.00

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EB-2015-0004

157.00

## **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and 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 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.

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#### **Customer Administration**

Arrears certificate  Duplicate Invoices for previous billing  Special Billing Service Per Hour (Min 1 hour, 15 min incremental billing thereafter)  Credit Reference/credit check (plus credit agency costs)  Unprocessed Payment Charge (plus bank charges)  Account set up charge/change of occupancy charge (plus credit agency costs if applicable)  Disconnect/Reconnect at Meter - Regular Hours (Under Account Administration - New Account)  Disconnect/Reconnect at Meter - After Regular Hours (Under Account Administration - New Account)  Interval Meter - Field Reading  High Bill Investigation - If Billing is Correct	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	15.00 15.00 95.00 15.00 15.00 30.00 65.00 185.00 347.00 213.00
Non-Payment of Account		
Late Payment – per month	%	1.5000
Late Payment – per annum	%	19.5600
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	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Other		
Temporary Service – Install & remove – overhead – no transformer	\$	797.00
Temporary Service – Install & remove – underground – no transformer	\$	1,156.00
Temporary Service – Install & remove – overhead – with transformer	\$ \$ \$	2,840.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	57.00
Dry core transformer distribution charge		Per Attached Table
Energy Resource Facility Administration Charge - Without Account Set Up (One Time)	\$	127.00

Energy Resource Facility Administration Charge - With Account Set Up (One Time)

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2016

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

EB-2015-0004

### 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.

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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	\$	117.00
Monthly Fixed Charge, per retailer	\$	24.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.6000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.3500
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.3500)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.30
Processing fee, per request, applied to the requesting party	\$	0.60
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

# DRAFT - TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2016

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

EB-2015-0004

#### **Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	and LV per kW		Transmission and LV per kW		Transmission and LV per kW		Cost of Energy and Wholesale Market per kWh**		e wontniy		Dist p	ost of ribution er kW	7	<b>Total</b>
Rates			\$	5.0613	\$	0.1204			\$	3.7330						
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.81	\$	10.95	\$	11.76	\$	0.60	\$	12.36				
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.08	\$	14.59	\$	15.68	\$	0.80	\$	16.48				
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.38	\$	18.36	\$	19.74	\$	1.02	\$	20.76				
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.84	\$	25.31	\$	27.15	\$	1.36	\$	28.51				
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.22	\$	29.42	\$	31.65	\$	1.64	\$	33.29				
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.94	\$	38.72	\$	41.66	\$	2.17	\$	43.83				
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.66	\$	48.02	\$	51.68	\$	2.70	\$	54.38				
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.92	\$	51.40	\$	55.32	\$	2.89	\$	58.21				
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.21	\$	55.24	\$	59.45	\$	3.10	\$	62.55				
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.50	\$	59.08	\$	63.58	\$	3.32	\$	66.90				
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.65	\$	9.00	\$	9.65	\$	0.48	\$	10.13				
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.63	\$	21.89	\$	23.52	\$	1.20	\$	24.72				
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.17	\$	29.19	\$	31.36	\$	1.60	\$	32.96				
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.20	\$	43.55	\$	46.75	\$	2.36	\$	49.11				
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.88	\$	51.43	\$	55.31	\$	2.86	\$	58.17				
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.85	\$	65.56	\$	70.41	\$	3.58	\$	73.99				
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.88	\$	79.92	\$	85.80	\$	4.34	\$	90.14				
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.17	\$	167.16	\$	178.33	\$	8.24	\$	186.57				
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.64	\$	211.89	\$	226.53	\$	10.80	\$ :	237.32				
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.43	\$	239.43	\$	255.86	\$	12.12	\$ :	267.98				
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.96	\$	317.83	\$	339.79	\$	16.20	\$ :	355.99				
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	26.19	\$	380.69	\$	406.88	\$	19.32	\$ 4	426.20				
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.45	\$	457.91	\$	489.36	\$	23.20	\$ :	512.56				
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	37.09	\$	541.73	\$	578.82	\$	27.35	\$ (	606.17				
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	45.55	\$	667.45		713.00	\$	33.59		746.60				
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	52.33	\$	771.05	\$	823.38	\$	38.59	\$ 8	861.97				

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains November 1, 2015 RPP Tiered Pricing, WMRS and OESP Pricing to be effective January 1, 2016

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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

EB-2015-0004

### RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

Rural Rate Protection Charge

Ontario Electricity Support Program Charge (OESP)

Standard Supply Service - Administrative Charge (if applicable)

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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	\$	16.58
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0151
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036

\$/kWh

\$/kWh

0.0013

0.0011

0.25

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

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

#### **APPLICATION**

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

Service Charge	\$	17.87
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0227
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

### **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge	\$	200.00
Distribution Volumetric Rate	\$/kW	4.3174
Low Voltage Service Rate	\$/kW	0.02549
Retail Transmission Rate - Network Service Rate	\$/kW	2.8608
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8267

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

### **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,500 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge	\$	4,193.93
Distribution Volumetric Rate	\$/kW	3.9103
Low Voltage Service Rate	\$/kW	0.02724
Retail Transmission Rate - Network Service Rate	\$/kW	2.9704
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9522

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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EB-2015-0004

### LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand 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**

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

Service Charge	\$	15,231.32
Distribution Volumetric Rate	\$/kW	3.7128
Low Voltage Service Rate	\$/kW	0.03067
Retail Transmission Rate - Network Service Rate	\$/kW	3.2927
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1984

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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EB-2015-0004

#### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

#### **APPLICATION**

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

Service Charge (per connection)	\$	4.60
Distribution Volumetric Rate	\$/kWh	0.0225
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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EB-2015-0004

#### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service. Further servicing details are available in the distributor's Conditions of Service.

#### **APPLICATION**

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

Service Charge	\$	132.20
General Service 50 to 1,4999 kW customer	\$/kW	1.7646
General Service 1,500 to 4,999 kW customer	\$/kW	1.6185
General Service Large User kW customer	\$/kW	1.7961

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2017

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EB-2015-0004

#### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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)	\$	3.03
Distribution Volumetric Rate	\$/kW	12.2748
Low Voltage Service Rate	\$/kW	0.01893
Retail Transmission Rate - Network Service Rate	\$/kW	2.1118
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3570

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

#### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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**

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

Service Charge (per connection)	\$	0.80
Distribution Volumetric Rate	\$/kW	5.6362
Low Voltage Service Rate	\$/kW	0.01933
Retail Transmission Rate - Network Service Rate	\$/kW	2.1225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3853

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

# Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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, assessements 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 \$ 18.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

### FIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's FIT 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, assessements 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 \$ 121.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

# HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs 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.

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

Service Charge \$ 264.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and 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 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.

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#### **Customer Administration**

Arrears certificate	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Special Billing Service Per Hour (Min 1 hour, 15 min incremental billing thereafter)	\$	97.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Unprocessed Payment Charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$ \$ \$ \$ \$ \$ \$	30.00
Disconnect/Reconnect at Meter - Regular Hours (Under Account Administration - New Account)	\$	65.00
Disconnect/Reconnect at Meter - After Regular Hours (Under Account Administration - New Account)	\$	185.00
Interval Meter - Field Reading	\$	355.00
High Bill Investigation - If Billing is Correct	\$	218.00
Non-Payment of Account		
Late Payment – per month	%	1.5000
Late Payment – per annum	%	19.5600
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	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Other		
Temporary Service – Install & remove – overhead – no transformer	\$	813.00
Temporary Service – Install & remove – underground – no transformer	\$ \$ \$	1,180.00
Temporary Service – Install & remove – overhead – with transformer	\$	2,900.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	57.00
Dry core transformer distribution charge		Per Attached Table
Energy Resource Facility Administration Charge - Without Account Set Up (One Time)	\$	130.00
Energy Resource Facility Administration Charge - With Account Set Up (One Time)	\$	160.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2017

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

EB-2015-0004

# **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.

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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	\$	122.00
Monthly Fixed Charge, per retailer	\$	25.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.6000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.3500
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.3500)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.30
Processing fee, per request, applied to the requesting party	\$	0.60
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

# DRAFT - TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2017

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

EB-2015-0004

### **Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	Trar	Cost of nsmission d LV per kW	Er W	Cost of nergy and /holesale larket per kWh**	M <sub>C</sub>	Total onthly ost of ower	Dis	Cost of tribution per kW		Γotal
Rates			\$	5.0613	\$	0.1204			\$	3.9802		
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.81	\$	10.95	\$	11.76	\$	0.64	\$	12.40
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.08	\$	14.59	\$	15.68	\$	0.85	\$	16.53
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.38	\$	18.36	\$	19.74	\$	1.09	\$	20.83
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.84	\$	25.31	\$	27.15	\$	1.45	\$	28.60
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.22	\$	29.42	\$	31.65	\$	1.75	\$	33.39
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.94	\$	38.72	\$	41.66	\$	2.31	\$	43.98
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.66	\$	48.02	\$	51.68	\$	2.88	\$	54.56
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.92	\$	51.40	\$	55.32	\$	3.08	\$	58.40
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.21	\$	55.24	\$	59.45	\$	3.31	\$	62.76
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.50	\$	59.08	\$	63.58	\$	3.54	\$	67.12
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.65	\$	9.00	\$	9.65	\$	0.51	\$	10.17
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.63	\$	21.89	\$	23.52	\$	1.28	\$	24.80
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.17	\$	29.19	\$	31.36	\$	1.71	\$	33.06
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.20	\$	43.55	\$	46.75	\$	2.52	\$	49.26
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.88	\$	51.43	\$	55.31	\$	3.05	\$	58.36
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.85	\$	65.56	\$	70.41	\$	3.82	\$	74.23
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.88	\$	79.92	\$	85.80	\$	4.63	\$	90.43
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.17	\$	167.16	\$	178.33	\$	8.78	\$	187.12
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.64	\$	211.89	\$	226.53	\$	11.51	\$	238.04
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.43	\$	239.43	\$	255.86	\$	12.92	\$	268.78
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.96	\$	317.83	\$	339.79	\$	17.27	\$	357.06
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	26.19	\$	380.69	\$	406.88	\$	20.60	\$	427.48
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.45	\$	457.91	\$	489.36	\$	24.73	\$	514.09
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	37.09	\$	541.73	\$	578.82	\$	29.17	\$	607.98
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	45.55	\$	667.45		713.00	\$	35.82	- +	748.82
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	52.33	\$	771.05	\$	823.38	\$	41.15	\$	864.53

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains November 1, 2015 RPP Tiered Pricing, WMRS and OESP Pricing to be effective January 1, 2016

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the 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	\$	20.47
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0105
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

EB-2015-0004

## **GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Further servicing details are available in the 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**

\$	18.57
\$	0.79
\$/kWh	0.0238
\$/kWh	0.00006
\$/kWh	0.0069
\$/kWh	0.0045
	\$/kWh \$/kWh

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 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	\$	200.00
Distribution Volumetric Rate	\$/kW	4.5762
Low Voltage Service Rate	\$/kW	0.02555
Retail Transmission Rate - Network Service Rate	\$/kW	2.8608
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8267

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

EB-2015-0004

## **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,500 kW but less 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.

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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	\$	4,193.93
Distribution Volumetric Rate	\$/kW	4.1739
Low Voltage Service Rate	\$/kW	0.02730
Retail Transmission Rate - Network Service Rate	\$/kW	2.9704
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9522

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand 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.

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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	\$	15,231.32
Distribution Volumetric Rate	\$/kW	3.9621
Low Voltage Service Rate	\$/kW	0.03074
Retail Transmission Rate - Network Service Rate	\$/kW	3.2927
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1984

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2018

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EB-2015-0004

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its Conditions of Service.

#### **APPLICATION**

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

Service Charge (per connection)	\$	4.83
Distribution Volumetric Rate	\$/kWh	0.0234
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

\$/kWh	0.0036
\$/kWh	0.0013
\$/kWh	0.0011
\$	0.25
	\$/kWh

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service. 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	\$	138.30
General Service 50 to 1,4999 kW customer	\$/kW	1.8460
General Service 1,500 to 4,999 kW customer	\$/kW	1.6932
General Service Large User kW customer	\$/kW	1.8790

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 (per connection)	\$	3.23
Distribution Volumetric Rate	\$/kW	13.8159
Low Voltage Service Rate	\$/kW	0.01898
Retail Transmission Rate - Network Service Rate	\$/kW	2.1118
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3570

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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.

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, assessements 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)	\$	0.85
Distribution Volumetric Rate	\$/kW	5.9584
Low Voltage Service Rate	\$/kW	0.01937
Retail Transmission Rate - Network Service Rate	\$/kW	2.1225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3853

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2018

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

EB-2015-0004

## Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 \$ 19.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### FIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's FIT 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, assessements 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 \$ 124.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2018

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

EB-2015-0004

## HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs 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.

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

Service Charge \$ 270.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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EB-2015-0004

### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and 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 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.

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### **Customer Administration**

Arrears certificate  Duplicate Invoices for previous billing  Special Billing Service Per Hour (Min 1 hour, 15 min incremental billing thereafter)  Credit Reference/credit check (plus credit agency costs)  Unprocessed Payment Charge (plus bank charges)  Account set up charge/change of occupancy charge (plus credit agency costs if applicable)  Disconnect/Reconnect at Meter - Regular Hours (Under Account Administration - New Account)  Disconnect/Reconnect at Meter - After Regular Hours (Under Account Administration - New Account)  Interval Meter - Field Reading  High Bill Investigation - If Billing is Correct	99999999999	15.00 15.00 100.00 15.00 15.00 30.00 65.00 185.00 362.00 222.00
Non-Payment of Account  Late Payment – per month  Late Payment – per annum  Collection of account charge – no disconnection  Disconnect/Reconnect at meter – during regular hours  Disconnect/Reconnect at meter – after regular hours  Disconnect/Reconnect at pole – during regular hours  Disconnect/Reconnect at pole – after regular hours  Other	% \$ \$ \$ \$	1.5000 19.5600 30.00 65.00 185.00 185.00 415.00
Temporary Service – Install & remove – overhead – no transformer Temporary Service – Install & remove – underground – no transformer Temporary Service – Install & remove – overhead – with transformer Specific Charge for Access to the Power Poles - \$/pole/year Dry core transformer distribution charge Energy Resource Facility Administration Charge - Without Account Set Up (One Time) Energy Resource Facility Administration Charge - With Account Set Up (One Time)	\$\$\$\$ \$\$	830.00 1,205.00 2,961.00 58.00 Per Attached Table 133.00 163.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

# Effective and Implementation Date January 1, 2018

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

EB-2015-0004

# **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.

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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	\$	129.00
Monthly Fixed Charge, per retailer	\$	26.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.6500
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.4000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.4000)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.30
Processing fee, per request, applied to the requesting party	\$	0.65
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

# DRAFT - TARIFF OF RATES AND CHARGES Effective and Implementation Date January 1, 2018

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

EB-2015-0004

### **Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	Cost of ansmission d LV per kW	Cost of Energy and Wholesale Market per kWh**		Energy and Wholesale Market per		M C	Total onthly ost of ower	Dis	Cost of tribution per kW	7	Γotal
Rates			\$ 5.0613	\$	0.1204			\$	4.2374				
25 KVA 1 PH, 1.2kV BIL	150	900	\$ 0.81	\$	10.95	\$	11.76	\$	0.68	\$	12.44		
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$ 1.08	\$	14.59	\$	15.68	\$	0.91	\$	16.59		
50 KVA 1 PH, 1.2kV BIL	250	1600	\$ 1.38	\$	18.36	\$	19.74	\$	1.16	\$	20.90		
75 KVA 1 PH, 1.2kV BIL	350	1900	\$ 1.84	\$	25.31	\$	27.15	\$	1.54	\$	28.69		
100 KVA 1 PH, 1.2kV BIL	400	2600	\$ 2.22	\$	29.42	\$	31.65	\$	1.86	\$	33.51		
150 KVA 1 PH, 1.2kV BIL	525	3500	\$ 2.94	\$	38.72	\$	41.66	\$	2.46	\$	44.12		
167 KVA 1 PH, 1.2kV BIL	650	4400	\$ 3.66	\$	48.02	\$	51.68	\$	3.06	\$	54.74		
200 KVA 1 PH, 1.2kV BIL	696	4700	\$ 3.92	\$	51.40	\$	55.32	\$	3.28	\$	58.60		
225 KVA 1 PH, 1.2kV BIL	748	5050	\$ 4.21	\$	55.24	\$	59.45	\$	3.52	\$	62.97		
250 KVA 1 PH, 1.2kV BIL	800	5400	\$ 4.50	\$	59.08	\$	63.58	\$	3.77	\$	67.35		
*15 KVA 3 PH, 1.2kV BIL	125	650	\$ 0.65	\$	9.00	\$	9.65	\$	0.54	\$	10.20		
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$ 1.63	\$	21.89	\$	23.52	\$	1.36	\$	24.88		
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$ 2.17	\$	29.19	\$	31.36	\$	1.82	\$	33.17		
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$ 3.20	\$	43.55	\$	46.75	\$	2.68	\$	49.43		
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$ 3.88	\$	51.43	\$	55.31	\$	3.25	\$	58.55		
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$ 4.85	\$	65.56	\$	70.41	\$	4.06	\$	74.47		
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$ 5.88	\$	79.92	\$	85.80	\$	4.93	\$	90.73		
*500 KVA 3 PH, 95kV BIL	2400	7600	\$ 11.17	\$	167.16	\$	178.33	\$	9.35	\$	187.69		
*750 KVA 3 PH, 95kV BIL	3000	12000	\$ 14.64	\$	211.89	\$	226.53	\$	12.26	\$	238.78		
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$ 16.43	\$	239.43	\$	255.86	\$	13.76	\$	269.62		
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$ 21.96	\$	317.83	\$	339.79	\$	18.39	\$	358.17		
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$ 26.19	\$	380.69	\$	406.88	\$	21.93	\$	428.81		
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$ 31.45	\$	457.91	\$	489.36	\$	26.33	\$	515.69		
*3000 KVA 3PH, 95kV BIL	7700	29000	\$ 37.09	\$	541.73	\$	578.82	\$	31.05	\$	609.87		
*3750 KVA 3PH, 95kV BIL	9500	35000	\$ 45.55	\$	667.45		713.00	\$	38.13		751.14		
*5000 KVA 3PH, 95kV BIL	11000	39000	\$ 52.33	\$	771.05	\$	823.38	\$	43.81	\$	867.19		

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains November 1, 2015 RPP Tiered Pricing, WMRS and OESP Pricing to be effective January 1, 2016

# Hydro Ottawa Limited 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-2015-0004

\$/kWh

0.0011

0.25

### RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the 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**

Ontario Electricity Support Program Charge (OESP)

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	24.41
Distribution Volumetric Rate	\$/kWh	0.0054
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047
MONTHLY RATES AND CHARGES - Regulatory Component		
Wholesale Market Service Rate	\$/kWh	0.0036
Rural Rate Protection Charge	\$/kWh	0.0013

# Hydro Ottawa Limited 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-2015-0004

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to non residential accounts taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Further servicing details are available in the 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	\$	19.17
Distribution Volumetric Rate	\$/kWh	0.0247
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

# Hydro Ottawa Limited 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-2015-0004

## **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 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.

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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	\$	200.00
Distribution Volumetric Rate	\$/kW	4.7982
Low Voltage Service Rate	\$/kW	0.02557
Retail Transmission Rate - Network Service Rate	\$/kW	2.8608
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8267

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

# Hydro Ottawa Limited 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-2015-0004

## **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,500 kW but less 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.

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

Service Charge	\$	4,193.93
Distribution Volumetric Rate	\$/kW	4.3928
Low Voltage Service Rate	\$/kW	0.02732
Retail Transmission Rate - Network Service Rate	\$/kW	2.9704
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9522

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

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2019

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EB-2015-0004

### LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand 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	\$	15,231.32
Distribution Volumetric Rate	\$/kW	4.1741
Low Voltage Service Rate	\$/kW	0.03077
Retail Transmission Rate - Network Service Rate	\$/kW	3.2927
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1984

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

# Hydro Ottawa Limited 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-2015-0004

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its 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 (per connection)	\$	5.03
Distribution Volumetric Rate	\$/kWh	0.0242
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

# Hydro Ottawa Limited 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-2015-0004

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service. 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**

\$	143.47
\$/kW	1.9150
\$/kW	1.7565
\$/kW	1.9492
	\$/kW

# Hydro Ottawa Limited 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-2015-0004

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 (per connection)	\$	3.28
Distribution Volumetric Rate	\$/kW	14.7462
Low Voltage Service Rate	\$/kW	0.01899
Retail Transmission Rate - Network Service Rate	\$/kW	2.1118
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3570

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

# Hydro Ottawa Limited 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-2015-0004

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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.

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, assessements 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)	\$	0.89
Distribution Volumetric Rate	\$/kW	6.2657
Low Voltage Service Rate	\$/kW	0.01939
Retail Transmission Rate - Network Service Rate	\$/kW	2.1225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3853

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

# Hydro Ottawa Limited 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-2015-0004

## Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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, assessements 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 \$ 19.00

# Hydro Ottawa Limited 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-2015-0004

### FIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's FIT 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, assessements 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 \$ 126.00

# Hydro Ottawa Limited 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-2015-0004

## HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs 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, assessements 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 \$ 276.00

# Hydro Ottawa Limited 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-2015-0004

### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and 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 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.

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### **Customer Administration**

Arrears certificate	\$	15.00
Duplicate Invoices for previous billing	\$	15.00
Special Billing Service Per Hour (Min 1 hour, 15 min incremental billing thereafter)	\$	102.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Unprocessed Payment Charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Disconnect/Reconnect at Meter - Regular Hours (Under Account Administration - New Accoun	\$ \$	65.00
Disconnect/Reconnect at Meter - After Regular Hours (Under Account Administration - New Ac		185.00
Interval Meter - Field Reading	ccount) \$ \$ \$	370.00
High Bill Investigation - If Billing is Correct	\$	227.00
Non-Payment of Account		
Late Payment – per month	%	1.5000
Late Payment – per annum	%	19.5600
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	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Other		
Temporary Service – Install & remove – overhead – no transformer	\$	848.00
Temporary Service – Install & remove – underground – no transformer	\$	1,230.00
Temporary Service – Install & remove – overhead – with transformer	\$ \$ \$	3,023.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	58.00
Dry core transformer distribution charge		Attached Table
Energy Resource Facility Administration Charge - Without Account Set Up (One Time)	\$	135.00
Energy Resource Facility Administration Charge - With Account Set Up (One Time)	\$	165.00

# Hydro Ottawa Limited 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-2015-0004

## **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	\$	135.00
Monthly Fixed Charge, per retailer	\$	27.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.6500
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.4000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.4000)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.35
Processing fee, per request, applied to the requesting party	\$	0.65
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

# **DRAFT - 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-2015-0004

### **Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	Trar	Cost of esmission d LV per kW	Er W	Cost of nergy and /holesale larket per kWh**	M C	Total onthly ost of ower	Dis	Cost of tribution per kW	Γotal
Rates			\$	5.0613	\$	0.1204			\$	4.4550	
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.81	\$	10.95	\$	11.76	\$	0.72	\$ 12.48
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.08	\$	14.59	\$	15.68	\$	0.95	\$ 16.63
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.38	\$	18.36	\$	19.74	\$	1.22	\$ 20.96
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.84	\$	25.31	\$	27.15	\$	1.62	\$ 28.77
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.22	\$	29.42	\$	31.65	\$	1.96	\$ 33.60
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.94	\$	38.72	\$	41.66	\$	2.59	\$ 44.25
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.66	\$	48.02	\$	51.68	\$	3.22	\$ 54.90
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.92	\$	51.40	\$	55.32	\$	3.45	\$ 58.77
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.21	\$	55.24	\$	59.45	\$	3.70	\$ 63.15
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.50	\$	59.08	\$	63.58	\$	3.96	\$ 67.54
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.65	\$	9.00	\$	9.65	\$	0.57	\$ 10.23
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.63	\$	21.89	\$	23.52	\$	1.43	\$ 24.95
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.17	\$	29.19	\$	31.36	\$	1.91	\$ 33.27
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.20	\$	43.55	\$	46.75	\$	2.82	\$ 49.56
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.88	\$	51.43	\$	55.31	\$	3.41	\$ 58.72
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.85	\$	65.56	\$	70.41	\$	4.27	\$ 74.68
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.88	\$	79.92	\$	85.80	\$	5.18	\$ 90.98
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.17	\$	167.16	\$	178.33	\$	9.83	\$ 188.17
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.64	\$	211.89	\$	226.53	\$	12.89	\$ 239.41
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.43	\$	239.43	\$	255.86	\$	14.46	\$ 270.32
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.96	\$	317.83	\$	339.79	\$	19.33	\$ 359.12
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	26.19	\$	380.69	\$	406.88	\$	23.05	\$ 429.93
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.45	\$	457.91	\$	489.36	\$	27.68	\$ 517.04
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	37.09	\$	541.73	\$	578.82	\$	32.65	\$ 611.46
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	45.55	\$	667.45		713.00	\$	40.09	753.09
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	52.33	\$	771.05	\$	823.38	\$	46.06	\$ 869.44

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains November 1, 2015 RPP Tiered Pricing, WMRS and OESP Pricing to be effective January 1, 2016

# Hydro Ottawa Limited 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-2015-0004

### RESIDENTIAL SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase where the electricity is used exclusively in a separately metered living accommodation. Customers shall be residing in single-dwelling units that consist of a detached house or one unit of a semi-detached, duplex, triple or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the 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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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	\$	28.01
Distribution Volumetric Rate	\$/kWh	0.0000
Low Voltage Service Rate	\$/kWh	0.00007
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0076
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

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

# Hydro Ottawa Limited 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-2015-0004

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to non residential accounts taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than 50 kW. Further servicing details are available in the 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	\$	19.47
Distribution Volumetric Rate	\$/kWh	0.0252
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

# Hydro Ottawa Limited 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-2015-0004

## **GENERAL SERVICE 50 TO 1,499 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 1,500 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	\$	200.00
Distribution Volumetric Rate	\$/kW	4.9237
Low Voltage Service Rate	\$/kW	0.02558
Retail Transmission Rate - Network Service Rate	\$/kW	2.8608
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.8267

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

# Hydro Ottawa Limited 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-2015-0004

## **GENERAL SERVICE 1,500 TO 4,999 KW SERVICE CLASSIFICATION**

This classification refers to non residential accounts whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than 1,500 kW but less 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.

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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	\$	4,193.93
Distribution Volumetric Rate	\$/kW	4.5060
Low Voltage Service Rate	\$/kW	0.02734
Retail Transmission Rate - Network Service Rate	\$/kW	2.9704
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9522

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

# Hydro Ottawa Limited 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-2015-0004

### LARGE USE SERVICE CLASSIFICATION

This classification refers to an account whose monthly average peak demand 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.

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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	\$	15,231.32
Distribution Volumetric Rate	\$/kW	4.2896
Low Voltage Service Rate	\$/kW	0.03079
Retail Transmission Rate - Network Service Rate	\$/kW	3.2927
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1984

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

# Hydro Ottawa Limited 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-2015-0004

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification includes accounts taking electricity at 120/240 volts single phase whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. These connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The customer will provide detailed manufacturer information/documentation with regard to electrical demand/consumption of the proposed unmetered load. Qualification for this classification is at the discretion of Hydro Ottawa as defined in its 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)	\$	5.13
Distribution Volumetric Rate	\$/kWh	0.0244
Low Voltage Service Rate	\$/kWh	0.00006
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0045

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

# Hydro Ottawa Limited 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-2015-0004

### STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation equal to or greater than 500 kW and requires the distributor to provide back-up service. 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**

\$	146.27
\$/kW	1.9524
\$/kW	1.7908
\$/kW	1.9873
	\$/kW

# Hydro Ottawa Limited 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-2015-0004

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. 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 (per connection)	\$	3.18
Distribution Volumetric Rate	\$/kW	14.9859
Low Voltage Service Rate	\$/kW	0.01900
Retail Transmission Rate - Network Service Rate	\$/kW	2.1118
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3570

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

# Hydro Ottawa Limited 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-2015-0004

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting controlled by photocells. The consumption for these customers is 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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### **MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge (per connection)	\$	0.91
Distribution Volumetric Rate	\$/kW	6.4332
Low Voltage Service Rate	\$/kW	0.01940
Retail Transmission Rate - Network Service Rate	\$/kW	2.1225
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3853

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

# Hydro Ottawa Limited 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-2015-0004

## Micro-FIT and Micro-Net-Metering SERVICE CLASSIFICATION

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

#### **APPLICATION**

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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 \$ 19.00

# Hydro Ottawa Limited 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-2015-0004

### FIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's FIT 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.

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

Service Charge \$ 129.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2020

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EB-2015-0004

## HCI, RESOP, Other Energy Resource SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Ontario Power Authority's or Independent Electricity System Operator's HCI, RESOP and Other Energy Resource programs 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.

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

Service Charge \$ 281.00

# Hydro Ottawa Limited 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-2015-0004

15.00

\$

### **ALLOWANCES**

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.45)
Primary Metering Allowance for transformer losses – applied to measured demand and 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 Board, and amendments thereto as approved by the Board, which may be applicable to the administration of this schedule.

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### **Customer Administration**

Arrears certificate

Arrears commune	Ψ	13.00
Duplicate Invoices for previous billing	\$	15.00
Special Billing Service Per Hour (Min 1 hour, 15 min incremental billing thereafter)	\$	104.00
Credit Reference/credit check (plus credit agency costs)	\$	15.00
Unprocessed Payment Charge (plus bank charges)	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)		30.00
Disconnect/Reconnect at Meter - Regular Hours (Under Account Administration - New Account)	\$	65.00
Disconnect/Reconnect at Meter - After Regular Hours (Under Account Administration - New Account)	\$	185.00
Interval Meter - Field Reading	\$ \$ \$ \$ \$ \$	378.00
High Bill Investigation - If Billing is Correct	\$	232.00
Non-Payment of Account		
Late Payment – per month	%	1.5000
Late Payment – per annum	%	19.5600
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	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Other		
Temporary Service – Install & remove – overhead – no transformer	\$	866.00
Temporary Service – Install & remove – underground – no transformer	\$ \$ \$ \$ \$	1,256.00
Temporary Service – Install & remove – overhead – with transformer	\$	3,087.00
Specific Charge for Access to the Power Poles - \$/pole/year	\$	58.00
Dry core transformer distribution charge		Per Attached Table
Energy Resource Facility Administration Charge - Without Account Set Up (One Time)	\$	138.00
Energy Resource Facility Administration Charge - With Account Set Up (One Time)	\$	168.00

# Hydro Ottawa Limited TARIFF OF RATES AND CHARGES

## Effective and Implementation Date January 1, 2020

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EB-2015-0004

## **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.

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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	\$	140.00
Monthly Fixed Charge, per retailer	\$	28.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.7000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.4000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.4000)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.35
Processing fee, per request, applied to the requesting party	\$	0.70
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	1.0335
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0164
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0232
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0062

# DRAFT - 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-2015-0004

### **Dry Core Transformer Charges**

Transformers	No Load Loss (W)	Load Loss (W)	per kW Market per kWh**		Transmissi on and LV per kW		Transmissi on and LV per kW		Transmissi on and LV		Energy and Wholesale Market per		cost of		onthly ost of Distribution per kW		n Total	
Rates			\$	5.0613	\$	0.1204			\$	4.5731								
25 KVA 1 PH, 1.2kV BIL	150	900	\$	0.81	\$	10.95	\$ 11.7	76	\$	0.73	\$	12.49						
37.5 KVA 1 PH, 1.2kV BIL	200	1200	\$	1.08	*	14.59	\$ 15.6	-	\$	0.98	\$	16.66						
50 KVA 1 PH, 1.2kV BIL	250	1600	\$	1.38	\$	18.36	\$ 19.7		\$	1.25	\$	20.99						
75 KVA 1 PH, 1.2kV BIL	350	1900	\$	1.84	\$	25.31	\$ 27.1	5	\$	1.67	\$	28.82						
100 KVA 1 PH, 1.2kV BIL	400	2600	\$	2.22	\$	29.42	\$ 31.6	35	\$	2.01	\$	33.65						
150 KVA 1 PH, 1.2kV BIL	525	3500	\$	2.94	\$	38.72	\$ 41.6	6	\$	2.66	\$	44.32						
167 KVA 1 PH, 1.2kV BIL	650	4400	\$	3.66	\$	48.02	\$ 51.6	88	\$	3.31	\$	54.98						
200 KVA 1 PH, 1.2kV BIL	696	4700	\$	3.92	\$	51.40	\$ 55.3	32	\$	3.54	\$	58.86						
225 KVA 1 PH, 1.2kV BIL	748	5050	\$	4.21	\$	55.24	\$ 59.4	15	\$	3.80	\$	63.25						
250 KVA 1 PH, 1.2kV BIL	800	5400	\$	4.50	\$	59.08	\$ 63.5	8	\$	4.07	\$	67.65						
*15 KVA 3 PH, 1.2kV BIL	125	650	\$	0.65	\$	9.00	\$ 9.6	35	\$	0.59	\$	10.24						
*45 KVA 3 PH, 1.2kV BIL	300	1800	\$	1.63	\$	21.89	\$ 23.5	52	\$	1.47	\$	24.99						
*75 KVA 3 PH, 1.2kV BIL	400	2400	\$	2.17	\$	29.19	\$ 31.3	36	\$	1.96	\$	33.32						
*112.5 KVA 3 PH, 1.2kV BIL	600	3400	\$	3.20	\$	43.55	\$ 46.7	75	\$	2.89	\$	49.64						
*150 KVA 3 PH, 1.2kV BIL	700	4500	\$	3.88	\$	51.43	\$ 55.3	31	\$	3.50	\$	58.81						
*225 KVA 3 PH, 1.2kV BIL	900	5300	\$	4.85	\$	65.56	\$ 70.4	11	\$	4.38	\$	74.80						
*300 KVA 3 PH, 1.2kV BIL	1100	6300	\$	5.88	\$	79.92	\$ 85.8	30	\$	5.32	\$	91.12						
*500 KVA 3 PH, 95kV BIL	2400	7600	\$	11.17	\$	167.16	\$ 178.3	33	\$	10.09	\$	188.43						
*750 KVA 3 PH, 95kV BIL	3000	12000	\$	14.64	\$	211.89	\$ 226.5	3	\$	13.23	\$	239.75						
*1000 KVA 3 PH, 95kV BIL	3400	13000	\$	16.43	\$	239.43	\$ 255.8	36	\$	14.84	\$	270.71						
*1500 KVA 3 PH, 95kV BIL	4500	18000	\$	21.96	\$	317.83	\$ 339.7	79	\$	19.84	\$	359.63						
*2000 KVA 3 PH, 95kV BIL	5400	21000	\$	26.19	\$	380.69	\$ 406.8	38	\$	23.66	\$	430.54						
*2500 KVA 3 PH, 95kV BIL	6500	25000	\$	31.45	\$	457.91	\$ 489.3	36	\$	28.42	\$	517.78						
*3000 KVA 3PH, 95kV BIL	7700	29000	\$	37.09	\$	541.73	\$ 578.8	32	\$	33.51	\$	612.33						
*3750 KVA 3PH, 95kV BIL	9500	35000	\$	45.55	\$	667.45	\$ 713.0	00	\$	41.15	\$	754.16						
*5000 KVA 3PH, 95kV BIL	11000	39000	\$	52.33	\$	771.05	\$ 823.3	38	\$	47.28	\$	870.66						

No Load and load losses from CSA standard C802-94: Maximum losses for distribution, power and dry-type transformers commercial use.

Average load factor = 0.46 average loss factor = 0.2489

<sup>\*</sup>For non-preferred KVA ratings no load and load losses are interpolated as per CSA standard

<sup>\*\*</sup> Cost of Energy and Wholesale Market per kWh contains November 1, 2015 RPP Tiered Pricing, WMRS and OESP Pricing to be effective January 1, 2016