



**EB-2010-0326**

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

**AND IN THE MATTER OF** an application by Hydro Ottawa Limited for an order or orders approving or fixing just and reasonable distribution rates and other charges, to be effective May 1, 2011.

**By Delegation, before:** Allan Fogwill

**DECISION AND ORDER**  
**(Issued April 14, 2011 and as corrected April 28, 2011)**

**Introduction**

Hydro Ottawa Limited ("Hydro Ottawa"), a licensed distributor of electricity, filed an application with the Ontario Energy Board (the "Board") on November 1, 2010, under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B), seeking approval for changes to the rates that Hydro Ottawa charges for electricity distribution, to be effective May 1, 2011.

Hydro Ottawa is one of 80 electricity distributors in Ontario regulated by the Board. In 2008, the Board announced the establishment of a new multi-year electricity distribution rate-setting plan, the 3<sup>rd</sup> Generation Incentive Rate Mechanism ("IRM") process, which would be used to adjust electricity distribution rates starting in 2009 for those distributors whose 2008 rates were rebased through a cost of service review. As part of the plan, Hydro Ottawa is one of the electricity distributors that will have its rates adjusted for 2011 on the basis of the IRM process, which provides for a mechanistic

and formulaic adjustment to distribution rates and charges between cost of service applications.

To streamline the process for the approval of distribution rates and charges for distributors, the Board issued its *Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on July 14, 2008, its *Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on September 17, 2008, and its *Addendum to the Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* on January 28, 2009 (together the "Reports"). Among other things, the Reports contained the relevant guidelines for 2011 rate adjustments for distributors applying for distribution rate adjustments pursuant to the IRM process. On July 9, 2010 the Board issued an update to Chapter 3 of the Board's *Filing Requirements for Transmission and Distribution Applications* (the "Filing Requirements"), which outlines the Filing Requirements for IRM applications based on the policies in the Reports.

Notice of Hydro Ottawa's rate application was given through newspaper publication in Hydro Ottawa's service area advising interested parties where the rate application could be viewed and advising how they could intervene in the proceeding or comment on the application. No letters of comment and no intervenor requests were received. Board staff also participated in the proceeding. This application proceeded by way of a written hearing.

While I have considered the entire record in this proceeding, this Decision and Order makes reference only to such evidence as is necessary to provide context to my findings. The following issues are addressed in this Decision and Order:

- Price Cap Index Adjustment;
- Changes in the Federal and Provincial Income Tax Rates;
- Smart Meter Funding Adder;
- Retail Transmission Service Rates;
- Review and Disposition of Group 1 Deferral and Variance Accounts; and
- Late Payment Penalty Litigation Costs.

### **Price Cap Index Adjustment**

Hydro Ottawa's rate application was filed on the basis of the Filing Requirements. In

fixing new distribution rates and charges for Hydro Ottawa, I have applied the policies described in the Filing Requirements and the Reports.

As outlined in the Reports, distribution rates under the 3<sup>rd</sup> Generation IRM are to be adjusted by a price escalator less a productivity factor (X-factor) of 0.72% and Hydro Ottawa's utility specific stretch factor of 0.4%. Based on the final 2010 data published by Statistics Canada, the Board has established the price escalator to be 1.3%. The resulting price cap index adjustment is therefore 0.18%. The rate model reflects this price cap index adjustment. The price cap index adjustment applies to distribution rates (fixed and variable charges) uniformly across all customer classes.

The price cap index adjustment will not apply to the following components of delivery rates:

- Rate Riders;
- Rate Adders;
- Low Voltage Service Charges;
- Retail Transmission Service Rates;
- Wholesale Market Service Rate;
- Rural Rate Protection Charge;
- Standard Supply service – Administrative Charge;
- Transformation and Primary Metering Allowances;
- Loss Factors;
- Specific Service Charges;
- MicroFIT Service Charge; and
- Retail Service Charges.

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

In its *Supplemental Report of the Board on 3<sup>rd</sup> Generation Incentive Regulation for Ontario's Electricity Distributors* dated September 17, 2008, the Board determined that a 50/50 sharing of the impact of currently known legislated changes, as applied to the tax level reflected in the Board-approved base rates for a distributor, is appropriate for the 3<sup>rd</sup> Generation IRM applications. This was based on a decision of the Board in a proceeding in relation to natural gas distributors' (EB-2007-0606/615) incentive regulation applications in which tax as a Z-factor was being considered. In this decision, the Board found that a 50/50 sharing is appropriate because it recognizes that

tax changes already flow to some extent through the inflation factor, though the precise timing and quantum of the tax reduction during a current IRM period is not known.

The calculated annual tax reduction over the plan term will be allocated to customer rate classes on the basis of the Board-approved base-year distribution revenue. These amounts will be refunded to customers each year of the plan term, over a 12-month period, through a volumetric rate rider derived using annualized consumption by customer class underlying the Board-approved base rates.

In 2011, the maximum income tax rate is 28.25%, the minimum rate for those distributors eligible for both the federal and Ontario small business deduction is 15.50%, and the blended tax rate varies for certain distributors that are only eligible for the Ontario small business deduction. The model provided to distributors calculates the amount of change caused by the tax rate reductions and adjusts distribution rates by 50% of the total change from those taxes included in the most recent cost of service base distribution rates.

Hydro Ottawa proposed that the tax change rider be based on eight months (May to December) of billing determinants in order that the end of the term of the rate rider will coincide with the introduction of new rates in 2012.

In its submission, Board staff submitted that it is premature to assume a January 1 start date for the 2012 rates since Hydro Ottawa has yet to receive approval to align its fiscal year with its rate year, and so the Tax Sharing Rate Rider should be calculated based on a twelve month recovery period.

In its reply submission, Hydro Ottawa submitted that an eight month Tax Sharing Rate Rider:

- would not be detrimental to the rate payer, as they would not be paying more;
- does not presume a Board decision on an implementation date for 2012 rates; and
- does not interfere with the Board's determination of the implementation date, in fact it increases the Board's flexibility.

I find that a 50/50 sharing of the impact of changes from the tax level reflected in the Board-approved base rates to the currently known legislated tax level for 2011 is appropriate and shall be effected by means of a rate rider over a one-year period. I note that the Board's practice has been not to presume the outcome of future Board decisions and I therefore accept Board staff's argument and find that the rider be established using a twelve month period, assuming a May 1 to April 30 rate year.

### **Smart Meter Funding Adder**

On October 22, 2008 the Board issued the *Guideline for Smart Meter Funding and Cost Recovery* which sets out the Board's filing requirements in relation to the funding and recovery of costs associated with smart meter activities conducted by electricity distributors.

Hydro Ottawa originally requested to change its utility-specific smart meter funding adder ("SMFA") from \$1.68 to \$2.13 per metered customer per month to be collected from May 1 to December 31, 2011, a period of eight months in contrast to the usual twelve month time period.

In its submission, Board staff noted that it would not be appropriate to assume a January 1 start date for Hydro Ottawa's 2012 cost of service based rates. Board staff noted that a twelve month recovery period would result in a funding adder of \$1.42 per metered customer per month. Board staff submitted that Hydro Ottawa's SMFA of \$1.42 would be more appropriate at this time.

In its reply submission, Hydro Ottawa agreed that \$1.42 would be the funding adder for a twelve month recovery period. Hydro Ottawa submitted that there is no harm to the customer should the Board approve an eight month SMFA and if the Board does approve Hydro Ottawa's request for January 1, 2012 implementation, it would result in a less confusing situation for the customer.

For the reasons outlined for the Tax Sharing Rate Rider, I approve a twelve month SMFA.

It is noted that the SMFA is a tool designed to provide advance funding and to mitigate the anticipated rate impact of smart meter costs when recovery of those costs is approved by the Board. Also, the SMFA was not intended to be compensatory (return

on and of capital) on a cumulative basis over the term the SMFA was in effect. The SMFA was initially designed to fund future investment, not fully fund prior capital investment. A determination of full recovery will be made as part of an application for a prudence review. Since the deployment of smart meters on a province-wide basis is now nearing completion, and for the reasons noted earlier, the Board expects distributors to file for a final prudence review at the earliest possible opportunity following the availability of audited costs. For those distributors that are scheduled to file a cost of service application for 2012 distribution rates, the Board expects that they will apply for the disposition of smart meter costs and subsequent inclusion in rate base. For those distributors that are scheduled to remain on IRM, the Board expects these distributors to file an application with the Board seeking final approval for smart meter related costs. I will approve a SMFA for Hydro Ottawa of \$1.42 per metered customer per month from May 1, 2011 to April 30, 2012. This new SMFA will be reflected in the Tariff of Rates and Charges, and will cease on April 30, 2012. Hydro Ottawa's variance accounts for smart meter program implementation costs, previously authorized by the Board, shall be continued.

I have not made any finding on the prudence of the proposed smart meter activities, including any costs for smart meters or advanced metering infrastructure whose functionality exceeds the minimum functionality adopted in O. Reg. 425/06, or costs associated with functions for which the Smart Metering Entity has the exclusive authority to carry out pursuant to O. Reg. 393/07. Such costs will be considered at the time that Hydro Ottawa applies for the recovery of these costs on a final basis, if applicable.

### **Retail Transmission Service Rates**

Electricity distributors are charged the Ontario Uniform Transmission Rates ("UTRs") at the wholesale level and subsequently pass these charges on to their distribution customers through the Retail Transmission Service Rates ("RTSRs"). Variance accounts are used to capture timing differences and differences in the rate that a distributor pays for wholesale transmission service compared to the retail rate that the distributor is authorized to charge when billing its customers (i.e., variance accounts 1584 and 1586).

On July 8, 2010 the Board issued revision 2.0 of the *Guideline G-2008-0001 - Electricity Distribution Retail Transmission Service Rates* (the "RTSR Guideline"). The RTSR

Guideline outlines the information that the Board requires electricity distributors to file to adjust their RTSRs for 2011. The RTSR Guideline requires electricity distributors to adjust their RTSRs based on a comparison of historical transmission costs adjusted for the new UTR levels and the revenues generated under existing RTSRs. The objective of resetting the rates is to minimize the prospective balances in accounts 1584 and 1586. In order to assist electricity distributors in the calculation of the distributor's specific RTSRs, Board staff provided a filing module. On January 18, 2011, the Board issued its Rate Order for Hydro One Transmission (EB-2010-0002) which adjusted the UTRs effective January 1, 2011. The new UTRs are shown in the following table:

Uniform Transmission Rates	kW Monthly Rates		Change
	Jan 1, 2010	Jan 1, 2011	
Network Service Rate	\$2.97	\$3.22	+8.4%
Connection Service Rates			
Line Connection Service Rate	\$0.73	\$0.79	
Transformation Connection Service Rate	\$1.71	\$1.77	
			+4.9%

Each distributor's rate application model has been adjusted to incorporate these changes.

Based on the filing module provided by Board staff and the new UTRs effective January 1, 2011 noted in the table above, I approve the changes to the RTSRs calculated in the filing module.

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

The *Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report* (the "EDDVAR Report") provides that, during the IRM plan term, the distributor's Group 1 account balances will be reviewed and disposed if the preset disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. The onus is on the distributor to justify why any account balance in excess of the threshold should not be disposed.

Hydro Ottawa's Group 1 account balances did not exceed the preset disposition threshold referenced above. I therefore find that no disposition is required at this time.

## Late Payment Penalty Litigation Costs

In its application, Hydro Ottawa requested the recovery of a one time expense of \$1,020,856.03 related to the late payment penalty (“LPP”) costs and damages resulting from a court settlement that addressed litigation against many of the former municipal electricity utilities in Ontario.

On October 29, 2010 the Board commenced a generic proceeding on its own motion to determine whether Affected Electricity Distributors<sup>1</sup>, including Hydro Ottawa, should be allowed to recover from their ratepayers the costs and damages incurred as a result of the Minutes of Settlement approved on April 21, 2010 by the Honourable Mr. Justice Cumming of the Ontario Superior Court of Justice (Court File No. 94-CQ-r0878) and as amended by addenda dated July 7, 2010 and July 8, 2010 in the late payment penalty class action and if so, the form and timing of such recovery. This proceeding was assigned file No. EB-2010-0295.

On February 22, 2011, the Board issued its Decision and Order and determined that it is appropriate for the Affected Electricity Distributors to be eligible to recover the costs and damages associated with the LPP class action in rates. The decision set out a listing of each Affected Electricity Distributor and their share of the class action costs that is approved for recovery. The Board also directed Affected Electricity Distributors such as Hydro Ottawa to file with the Board detailed calculations including supporting documentation, outlining the derivation of the rate riders based on the methodology outlined in the EB-2010-0295 Decision and Order. The Board noted that the rate riders submitted would be verified in each Affected Electricity Distributor’s IRM or cost of service application, as applicable. Hydro Ottawa elected to recover the amount approved in the EB-2010-0295 proceeding and accordingly filed the associated rate riders.

I have reviewed Hydro Ottawa’s proposed rate riders and approve them as filed.

## Rate Model

With this Decision, Hydro Ottawa is being provided with a rate model (spreadsheet) and applicable supporting models and a draft Tariff of Rates and Charges (Appendix A) that reflects the elements of this Decision. The entries in the rate model have been

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<sup>1</sup> As defined in the Board’s Decision and Order EB-2010-0295



reviewed to ensure that they were in accordance with the 2010 Board approved Tariff of Rates and Charges and the rate model was adjusted, where applicable, to correct any discrepancies.

**THE BOARD ORDERS THAT:**

1. Hydro Ottawa's new distribution rates shall be effective May 1, 2011.
2. Hydro Ottawa shall review the draft Tariff of Rates and Charges set out in Appendix A. Hydro Ottawa shall file with the Board a written confirmation assessing the completeness and accuracy of the draft Tariff of Rates and Charges, or provide a detailed explanation of any inaccuracies or missing information, within seven (7) calendar days of the date of this Decision and Order.
3. If the Board receives a submission from Hydro Ottawa confirming the completeness and accuracy pursuant to item 2 of this Decision and Order, the draft Tariff of Rates and Charges set out in Appendix A of this order will become final, except for the stand by rates which remain interim, effective May 1, 2011, and will apply to electricity consumed or estimated to have been consumed on and after May 1, 2011. Hydro Ottawa shall notify its customers of the rate changes no later than with the first bill reflecting the new rates.
4. If the Board receives a submission from Hydro Ottawa to the effect that inaccuracies were found or information was missing pursuant to item 2 of this Decision and Order, the Board will consider the submission of Hydro Ottawa and may issue a revised final Tariff of Rates and Charges.
5. Hydro Ottawa shall pay the Board's costs incidental to this proceeding upon receipt of the Board's invoice.

All filings to the Board must quote file number **EB-2010-0326**, be made through the Board's web portal at, [www.errr.ontarioenergyboard.ca](http://www.errr.ontarioenergyboard.ca) and consist of two paper copies and one electronic copy in searchable / unrestricted PDF format. Filings must clearly state the sender's name, postal address and telephone number, fax number and e-mail address. Parties must use the document naming conventions and document submission standards outlined in the RESS Document Guideline found at [www.ontarioenergyboard.ca](http://www.ontarioenergyboard.ca). If the web portal is not available parties may email their

document to the address below. Those who do not have internet access are required to submit all filings on a CD in PDF format, along with two paper copies. Those who do not have computer access are required to file 7 paper copies.

**DATED** at Toronto, April 14, 2011

**ONTARIO ENERGY BOARD**

*Original signed by*

Allan Fogwill  
Managing Director,  
Planning & Business Services

**Appendix A**

**To Decision and Order**

**Draft Tariff of Rates and Charges**

**Board File No: EB-2010-0326**

**DATED: April 14, 2011**

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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, triplex or quadruplex house, with a residential zoning. Separately metered dwellings within a town house complex or apartment building also qualify as residential customers. Further servicing details are available in the 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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

## MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	8.54
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.42
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.18
Distribution Volumetric Rate	\$/kWh	0.0207
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Tax Change – effective until April 30, 2012	\$/kWh	(0.0004)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0066
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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.

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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	14.76
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.42
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.46
Distribution Volumetric Rate	\$/kWh	0.0185
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Tax Change – effective until April 30, 2012	\$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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.

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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	251.21
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.42
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	5.68
Distribution Volumetric Rate	\$/kW	3.0380
Low Voltage Service Rate	\$/kW	0.0756
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0533)
Retail Transmission Rate – Network Service Rate	\$/kW	2.4768
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5797

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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.

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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	4,039.33
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.42
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	73.25
Distribution Volumetric Rate	\$/kW	2.9014
Low Voltage Service Rate	\$/kW	0.0808
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0624)
Retail Transmission Rate – Network Service Rate	\$/kW	2.5718
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.6881

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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.

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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	14,669.82
Smart Meter Funding Adder – effective until April 30, 2012	\$	1.42
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	212.88
Distribution Volumetric Rate	\$/kW	2.7775
Low Voltage Service Rate	\$/kW	0.0910
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0539)
Retail Transmission Rate – Network Service Rate	\$/kW	2.8509
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9011

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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.

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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge (per connection)	\$	4.04
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.11
Distribution Volumetric Rate	\$/kWh	0.0200
Low Voltage Service Rate	\$/kWh	0.0002
Rate Rider for Tax Change – effective until April 30, 2012	\$/kWh	(0.0003)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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 – APPROVED ON AN INTERIM BASIS

Service Charge	\$	108.02
Standby Charge – for a month where standby power is not provided. The charge is applied to the contracted amount (e.g. nameplate rating of generation facility):		
General Service 50 to 1,499 kW customer	\$/kW	1.4416
General Service 1,500 to 4,999 kW customer	\$/kW	1.3224
General Service Large Use customer	\$/kW	1.4674
Rate Rider for Tax Change – effective until April 30, 2012		
General Service 50 to 1,499 kW customer	\$/kW	(0.0207)
General Service 1,500 to 4,999 kW customer	\$/kW	(0.0166)
General Service Large Use customer	\$/kW	(0.0211)

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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)	\$	1.89
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.01
Distribution Volumetric Rate	\$/kW	7.2434
Low Voltage Service Rate	\$/kW	0.0574
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.1900)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8377
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1980

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## 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

Service Charge (per connection)	\$	0.49
Rate Rider for Recovery of Late Payment Penalty Litigation Costs – effective until April 30, 2012	\$	0.01
Distribution Volumetric Rate	\$/kW	3.4563
Low Voltage Service Rate	\$/kW	0.0561
Rate Rider for Tax Change – effective until April 30, 2012	\$/kW	(0.0735)
Retail Transmission Rate – Network Service Rate	\$/kW	1.8284
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.1735

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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EB-2010-0326

## microFIT GENERATOR SERVICE CLASSIFICATION

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

### 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	\$	5.25
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# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

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EB-2010-0326

## 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.

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, charges for Ministry of Energy Conservation and Renewable Energy Program, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

Customer Administration		
Arrears Certificate	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
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
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	30.00
Disconnect/Reconnect at meter – during regular hours	\$	65.00
Disconnect/Reconnect at Meter - after regular hours	\$	185.00
Disconnect/Reconnect at Pole – during regular hours	\$	185.00
Disconnect/Reconnect at Pole – after regular hours	\$	415.00
Temporary Service install & remove – overhead – no transformer	\$	500.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Dry core transformer distribution charge		As per Attached Table

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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

EB-2010-0326

## RETAIL SERVICE CHARGES (if applicable)

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the 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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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity

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

### LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0344
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0170
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0240
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0069

# Hydro Ottawa Limited

## TARIFF OF RATES AND CHARGES

### Effective and Implementation Date May 1, 2011

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EB-2010-0326

### Dry Core Transformer Charges

Transformers	No Load Loss (W)	Load Loss (W)	Cost of Transmission per kW	Cost of Energy and Wholesale Market per kWh	Total Monthly cost of power	Cost of Distribution per kW	Total
Rates			\$3.6049	\$0.0751		\$3.1561	
25 KVA 1 PH	150	900	\$0.58	\$6.83	\$7.41	\$0.51	\$7.92
37.5 KVA 1 PH	200	1200	\$0.77	\$9.11	\$9.88	\$0.68	\$10.55
50 KVA 1 PH	250	1600	\$0.98	\$11.45	\$12.44	\$0.86	\$13.30
75 KVA 1 PH	350	1900	\$1.31	\$15.79	\$17.10	\$1.15	\$18.25
100 KVA 1 PH	400	2600	\$1.58	\$18.36	\$19.94	\$1.39	\$21.33
150 KVA 1 PH	525	3500	\$2.10	\$24.16	\$26.25	\$1.83	\$28.09
167 KVA 1 PH	650	4400	\$2.61	\$29.96	\$32.56	\$2.28	\$34.85
200 KVA 1 PH	696	4700	\$2.79	\$32.07	\$34.86	\$2.44	\$37.30
225 KVA 1 PH	748	5050	\$3.00	\$34.46	\$37.46	\$2.62	\$40.09
250 KVA 1 PH	800	5400	\$3.21	\$36.86	\$40.06	\$2.81	\$42.87
*15 KVA 3 PH	125	650	\$0.46	\$5.62	\$6.08	\$0.41	\$6.49
*45 KVA 3 PH	300	1800	\$1.16	\$13.66	\$14.82	\$1.01	\$15.83
*75 KVA 3 PH	400	2400	\$1.54	\$18.21	\$19.76	\$1.35	\$21.11
*112.5 KVA 3 PH	600	3400	\$2.28	\$27.17	\$29.45	\$1.99	\$31.44
*150 KVA 3 PH	700	4500	\$2.76	\$32.09	\$34.85	\$2.42	\$37.27
*225 KVA 3 PH	900	5300	\$3.46	\$40.90	\$44.36	\$3.03	\$47.38
*300 KVA 3 PH	1100	6300	\$4.19	\$49.86	\$54.05	\$3.67	\$57.72
*500 KVA 3 PH	1500	9700	\$5.93	\$68.80	\$74.73	\$5.19	\$79.92
*750 KVA 3 PH	2100	12000	\$7.99	\$95.17	\$103.16	\$7.00	\$110.16
*1000 KVA 3 PH	2600	15000	\$9.93	\$117.93	\$127.85	\$8.69	\$136.54
*1500 KVA 3 PH	4000	22000	\$15.06	\$180.64	\$195.70	\$13.19	\$208.89
*2000 KVA 3 PH	4800	24000	\$17.61	\$215.01	\$232.63	\$15.42	\$248.04
*2500 KVA 3 PH	5700	26000	\$20.43	\$253.50	\$273.93	\$17.89	\$291.82

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

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