

COOPERATIVE HYDRO EMBRUN INC.  
2013 IRM APPLICATION

EB-2012-0117

Submitted on: September 14, 2012

Cooperative Hydro Embrun Inc.  
821 Notre-Dame  
Embrun, ON  
K0A 1W1



September 14, 2012  
Ontario Energy Board P.O.  
Box 2319 27th Floor  
2300 Yonge Street Toronto,  
Ontario M4P 1E4

**Attention: Ms. Kirsten Walli, Board Secretary**  
**Regarding: EB-2012-0117 2013 IRM Rate Application**

Dear Ms. Walli,

Cooperative Hydro Embrun Inc. is pleased to submit to the Ontario Energy Board its 2013 IRM Distribution Rate Application, in compliance with the OEB letter dated June 28, 2012. Please find accompanying this letter, two copies of Cooperative Hydro Embrun Inc's Application for Electricity and Distribution Rates and Charges together with two USB keys containing the PDF version of the Application and Excel versions of the OEB's models used in this application. We would be pleased to provide any further information or details that you may require relative to this application.

Yours truly,

General Manager,  
Cooperative Hydro Embrun Inc,  
821 rue Notre-Dame  
Suite 200  
Embrun, ON  
K0A 1W1  
Tel : 613-443-5110

## TABLE OF CONTENT

1. INTRODUCTION.....	4
2. DISTRIBUTOR'S PROFILE.....	6
3. PUBLICATION NOTICE.....	6
4. PRICE CAP ADJUSTMENT .....	6
5. ICM / Z-FACTOR.....	8
6. RTSR ADJUSTMENTS .....	8
7. REVENUE TO COST RATIO ADJUSTMENTS.....	9
8. DEFERRAL AND VARIANCE ACCOUNTS.....	9
9. DISPOSITION OF LRAMVA.....	10
10. SHARED TAX SAVINGS .....	11
11. SPECIFIC SERVICE CHARGE, ALLOWANCES AND LOSS FACTORS .....	12
12. MICROFIT GENERATOR SERVICE CHARGE .....	12
13. CURRENT TARIFF SHEETS.....	12
14. PROPOSED TARIFF SHEETS.....	12
15. BILL IMPACTS .....	12

# MANAGER'S SUMMARY

## 1. INTRODUCTION

Cooperative Hydro Embrun ("CHE") hereby applies to the Ontario Energy Board (the "Board") for approval of its 2013 Distribution Rate Adjustments effective May 1, 2013. CHE applies for an Order or Orders approving the proposed distribution rates and other charges as set out in Appendix 2 of this Application as just and reasonable rates and charges pursuant to Section 78 of the OEB Act.

CHE has followed Chapter 3 of the Board's Filing Requirements for Transmission and Distribution Applications dated June 28, 2012, The Report of the Board on Electricity Distributors' Deferral and Variance Account Review Initiative ("the EDDVAR Report") issued July 31, 2009 and the Electricity Distribution Retail Transmission Service Rates Guideline G-2008-0001, Revision 4.0, issued June 28, 2012 ("RTSR Guidelines") in order to prepare this application.

In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of May 1, 2013, CHE requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2013 distribution rates. If the effective date does not coincide with the Board's decided implementation date for 2013 distribution rates and charges, CHE requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

The Applicant requests that this IRM3 Application be disposed of by way of a written hearing.

1 In the preparation of this application, CHE used the Board's 2013 rate models, which  
2 consist of the following Excel-based files:

- 3 • 2013 IRM Rate Generator (Version 2.3);
- 4 • 2013 RTSR Model (Version 3);
- 5 • 2013 IRM Tax Sharing Model (Version 1)

6 The rate and other adjustments being applied for and as calculated through the use of  
7 the above models include the following:

- 8 • A Price Cap Adjustment in accordance with the Report of the Board on 3rd  
9 Generation Incentive Regulation for Ontario's Electricity Distributors issued on  
10 July 14, 2008, the Supplemental Report of the Board on 3rd Generation  
11 Incentive Regulation for Ontario's Electricity Distributors issued on September  
12 17, 2008, and the Addendum to the Supplemental Report of the Board issued  
13 on January 28, 2009
- 14 • An adjustment of Retail Transmission Service Rates in accordance with  
15 Board Guideline G-2008-0001 - Electricity Distribution Retail Transmission  
16 Service Rates revised on June 28, 2012

17 CHE also applies for the following matter;

- 18 • Request to postpone the disposition of the Shared Tax Savings to future  
19 proceedings due to the immaterial refund amount.
- 20 • Request to defer the disposition of the distributor's Group 1 audited account  
21 balances due to failure to meet the preset disposition threshold of \$0.001 per  
22 kWh.
- 23 • Continuance of Rate Riders and Adders for which the sunset date has not yet  
24 been reached.
- 25 • Continuance of the Specific Services charges and Loss Factors.
- 26 • Continuance of the MicroFit monthly charge.

## 2. DISTRIBUTOR'S PROFILE

CHE is a Cooperative that is owned by the people who use its services and carries on the business of distributing electricity within the Town of Embrun. CHE's customers totals approximately 2000 and is comprised of over 75% residential customers while 8% are small business or industrial based. The balance of the utility's customer base is comprised of Street Lights and Unmetered Scattered Load

CHE relies on approximately 27 km of circuits and 288 deliver energy and power to approximately 2,000 customers. CHE's circuits include approximately 15 km of overhead lines and 12 171 km of overhead lines and 70 km of underground conduit, all carrying a voltage of less than or equal to 27.6kV.

## 3. PUBLICATION NOTICE

Cooperative Hydro Embrun is proposing that its notice related to this Application appears in the following publications;

(1) "The News/Le Reflet" which is a bilingual unpaid local publication with an average circulation of approximately 13,000 and

## 4. PRICE CAP ADJUSTMENT

As per Board policy (Chapter 3), distribution rates are to be adjusted according to the Price Cap model presented through the Board's Rate Generator model. The calculation would be based on the annual percentage change in the GDP-IPI index (currently set at 2.00%), less a productivity factor (0.72%), less a stretch factor (currently set to 0.4%).

The Price Cap Adjustment is therefore set by default in the model to 0.88%, but CHE understands that the final Decision will include a Price Cap Adjustment based on GDP-IPI released the 2013 stretch factor results.

1 While the price factor adjustment under this application would apply to fixed and  
2 volumetric distribution rates for CHE, it would not affect the following:

- 3 • Rate adders and riders
- 4 • Low voltage service charges
- 5 • Retail Transmission Service Rates
- 6 • Wholesale Market Service Rate
- 7 • Rural Rate Protection Charge
- 8 • Standard Supply Service – Administrative Charge
- 9 • MicroFIT Service Charge
- 10 • Specific Service Charges

1        5. ICM / Z-FACTOR  
2

3        CHE is not applying for recovery of Incremental Capital or Z-Factor in this proceeding.

4        6. RTSR ADJUSTMENTS  
5

6        CHE is applying for an adjustment of its Retail Transmission Service Rates based on a  
7        comparison of historical transmission costs adjusted for new UTR levels and revenues  
8        generated from existing RTSRs. This approach is expected to minimize variances in  
9        the USoA Accounts 1584 and 1586.

10       CHE used the 2013 RTSR Adjustment Workform to determine the proposed  
11       adjustments to the current Retail Transmission Service Rates approved in the IRM  
12       application (file number EB-2001-0164).

13       The billing determinants utilized in this model are from the RRR 2.1.5 – Performance  
14       Based Regulation (Table 1) for 2011 annual consumption in compliance with the  
15       instruction to use the most recent reported RRR billing determinants. The Loss Factor  
16       applied to the metered kWh is the actual Board-approved 2010 Loss Factor:



The proposed adjustments of the Retail Transmission Service Rates and detailed calculations are presented in the table below and the model is being filed in conjunction with this application.

Table 1 – Proposed RTSR

Rate Class	2012 Current RTSR- Network	Proposed RTSR Network	2012 Current RTSR- Connection	Proposed RTSR Connection
Residential	0.0060	0.0057	0.0048	0.0047
General Service Less Than 50 kW	0.0056	0.0054	0.0043	0.0042
General Service 50 to 4,999 kW	2.2389	2.1438	1.7009	1.6795
Unmetered Scattered Load	0.0056	0.0054	0.0043	0.0042
Street Lighting	1.6886	1.6169	1.3149	1.2984

## 7. REVENUE TO COST RATIO ADJUSTMENTS

CHE is not proposing to adjust its revenue to cost ratios in this proceeding. CHE is scheduled to file a Cost of Service application in 2014 and therefore will realign its revenue to cost ratio based on its 2014 revenue requirement.

## 8. DEFERRAL AND VARIANCE ACCOUNTS

CHE has completed the Board Staff's 2013 IRM Rate Generator – Tab 5 2013 Continuity Schedule and the threshold test shows a claim per kWh of \$0.0008. 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 audited account balances will be reviewed and disposed if the preset disposition threshold of \$0.001 per kWh (debit or credit) is exceeded. Since the claim does not exceed this threshold test amount, CHE is therefore not seeking disposal

of its deferral and variance account in this proceeding. The CHE Group 1 total claim balance is \$22,613.

## 9. DISPOSITION OF LRAMVA

For CDM programs delivered within the 2011 to 2014 term, the Board established Account 1568 as the LRAM Variance Account ("LRAMVA") to capture the variance between the Board- approved CDM forecast and the actual results at the customer rate class level.

The LRAMVA captures at the customer rate-class level, the difference between the following:

(1) The results of actual, verified impacts of authorized CDM activities undertaken by electricity distributors between 2011-2014 for both Board- Approved programs and OPA-Contracted Province-Wide CDM programs in relation to activities undertaken by the distributor and/or delivered for the distributor by a third party under contract (in the distributor's franchise area);

AND

(2) The level of CDM program activities included in the distributor's load forecast (i.e. the level embedded into rates).

The Board's Guidelines for Electricity Distributor Conservation and Demand Management (EB-2012-0003) issued on April 26, 2012, state that at a minimum, distributors must apply for disposition of the balance in the LRAMVA at the time of their Cost of Service rate applications. Distributors may apply for the disposition of the balance in the LRAMVA on Incentive Regulation Mechanism rate applications, if the balance is deemed significant by the applicant. CHE is opting to dispose of this specific balances as part of its 2014 Cost of Service Application.

1 In it's the reply submission of its 2012 IRM Application (file number EB-2011-0164)<sup>1</sup>,  
2 Embrun stated that while some LDCs in their applications specifically lower their load  
3 forecast in the test year and in subsequent years to include expected future reductions  
4 due to their adoption of CDM initiatives, Embrun did not have the sophistication to take  
5 this approach. CHE stated that their forecast was developed in expectation of making  
6 LRAM claims in future years to compensate it for any subsequent CDM initiatives it  
7 undertook.

8 CHE is currently working on determining the "implied" program activities included in  
9 2010 load forecast. At this time, the results are uncertain and thus , CHE proposes to  
10 apply for 1568 LRAMVA disposition in its next Cost of Service application for 2014  
11 rates.

## 12 10. SHARED TAX SAVINGS

13

14 CHE has completed the Board's 2013 IRM Tax Sharing Model to calculate if there are  
15 savings due to ratepayers as a result of corporate tax savings implemented since the  
16 2012 Decision (file number EB-2011-0164).

17 The utility notes that the calculated rate riders for one or more rate classes results in  
18 energy-based kWh rate riders of \$(0.0000) when rounded to the fourth decimal place.

19 As indicated in the Chapter 3 of the Filing Requirements for Electricity Transmission and  
20 Distribution Applications. (issued June28, 2012) "*Occasionally, the calculated rate  
21 riders for one or more rate classes may be negligible. In the event that the calculation  
22 for one or more rate classes results in volumetric rate riders of \$0.0000 when rounded  
23 to the fourth decimal place, or is negligible, the distributor may request to record the  
24 total amount in USoA account 1595 for disposition in a future proceeding.*"

25 CHE therefore requests that the Incremental Tax Savings of \$901 or \$450 on a 50%  
26 shared basis be recorded in a USoA 1595 for disposition in the utility's 2014 Cost of  
27 Service application.

---

<sup>1</sup> Referenced at page 11 of Decision and Order EB-2011-0164

1        11.        SPECIFIC SERVICE CHARGE AND LOSS FACTORS

2  
3        CHE is applying to continue the current Specific Service Charges, and Loss Factors as  
4        approved by the Board (EB-2011-0164).

5        12.        MICROFIT GENERATOR SERVICE CHARGE

6  
7        CHE is applying to continue the current monthly service charge of \$5.25 as approved by  
8        the Board (EB-2011-0164).

9        13.        CURRENT TARIFF SHEETS

10  
11        CHE current tariff sheets are provided in Appendix 1.

12        14.        PROPOSED TARIFF SHEETS

13  
14        The proposed tariff sheets generated by the CHE 2013 IRM3 Rate Generator are  
15        provided in the Appendix 2.

16        15.        BILL IMPACTS

17  
18        Expected bill impacts for each rate class and for select consumption levels are provided  
19        in the Appendix 3

## INDEX TO APPENDICES

The following are appended to and form part of this Application;

Appendix 1: Current Tariff Sheet

Appendix 2: Proposed Tariff Sheet

Appendix 3: Bill Impacts

Appendix 4: 2010 RRWF

Addendum: PDF of the following models

2013 IRM Rate Generator (Version 2.3);

2013 RTSR Model (Version 3);

2013 IRM Tax Sharing Model (Version 1)

## Appendix 1: Current Tariff Sheet

**Appendix A**

**To Final Rate Order**

**Cooperative Hydro Embrun Inc.**

**Tariff of Rates and Charges**

**Board File No: EB-2012-0094**

**DATED: August 23, 2012**

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

### Effective Date May 1, 2012

### Implementation Date September 1, 2012

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

EB-2011-0164  
EB-2012-0094

## RESIDENTIAL SERVICE CLASSIFICATION

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

## APPLICATION

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

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

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

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	\$	13.63
Rate Rider for Disposition of Residual Historical Smart Meter Costs – effective until April 30, 2013	\$	(0.23)
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service-based rate order	\$	1.44
Distribution Volumetric Rate	\$/kWh	0.0127
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – effective until April 30, 2014	\$/kWh	0.0004
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kWh	(0.0021)
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0014
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0048

## MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

**Effective Date May 1, 2012**  
**Implementation Date September 1, 2012**

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

EB-2011-0164  
EB-2012-0094

## GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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	\$	20.24
Rate Rider for Disposition of Residual Historical Smart Meter Costs – effective until April 30, 2013	\$	11.83
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service-based rate order	\$	4.20
Distribution Volumetric Rate	\$/kWh	0.0167
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kWh	(0.0021)
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0014
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012  
Implementation Date September 1, 2012

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

EB-2011-0164  
EB-2012-0094

## GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### 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	\$	244.10
Rate Rider for Disposition of Residual Historical Smart Meter Costs – effective until April 30, 2013	\$	56.13
Rate Rider for Smart Meter Incremental Revenue Requirement – in effect until the effective date of the next cost of service-based rate order	\$	14.30
Distribution Volumetric Rate	\$/kW	4.5228
Low Voltage Service Rate	\$/kW	0.4778
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – effective until April 30, 2014	\$/kW	0.0284
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kW	(0.7109)
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kW	0.4834
Retail Transmission Rate – Network Service Rate	\$/kW	2.2389
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.7009

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012  
Implementation Date September 1, 2012

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

EB-2011-0164  
EB-2012-0094

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### APPLICATION

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

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 (per customer)	\$	39.82
Distribution Volumetric Rate	\$/kWh	0.0104
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kWh	(0.0021)
Rate Rider for Global Adjustment Sub-Account Disposition – effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0014
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0056
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0043

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

**Effective Date May 1, 2012**  
**Implementation Date September 1, 2012**

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

EB-2011-0164  
EB-2012-0094

## STREET LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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 (per connection)	\$	1.59
Distribution Volumetric Rate	\$/kW	6.4834
Low Voltage Service Rate	\$/kW	0.3694
Rate Rider for Deferral/Variance Account Disposition (2012) – effective until April 30, 2014	\$/kW	(0.7349)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6886
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.3149

### MONTHLY RATES AND CHARGES – Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

**Effective Date May 1, 2012**  
**Implementation Date September 1, 2012**

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

EB-2011-0164  
EB-2012-0094

### 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.

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

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

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

#### MONTHLY RATES AND CHARGES – Delivery Component

Service Charge	\$	5.25
----------------	----	------

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

**Effective Date May 1, 2012**  
**Implementation Date September 1, 2012**

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

EB-2011-0164  
EB-2012-0094

## ALLOWANCES

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

## SPECIFIC SERVICE CHARGES

### 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, the Global Adjustment, the Ontario Clean Energy Benefit and the HST.

<b>Customer Administration</b>		
Arrears Certificate	\$	15.00
Statement of Account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	25.00
Returned cheques charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Special meter reads	\$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
<b>Non-Payment of Account</b>		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge – no disconnection	\$	20.00
Collection of account charge – no disconnection – after regular hours	\$	50.00
Disconnect/Reconnect Charge - At Meter during Regular Hours	\$	25.00
Disconnect/Reconnect Charge - At Meter after Regular Hours	\$	50.00
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Disconnect/Reconnect at pole – after regular hours	\$	415.00
Install/Remove load control device – during regular hours	\$	25.00
Install/Remove load control device – after regular hours	\$	50.00
Service call – customer owned equipment	\$	30.00
Service call – after regular hours	\$	165.00
Temporary service installation and removal – overhead – no transformer	\$	500.00
Temporary service installation and removal – underground – no transformer	\$	300.00

Updated August 23, 2012 for Smart Meter Decision EB-2012-0094

# Cooperative Hydro Embrun Inc.

## TARIFF OF RATES AND CHARGES

Effective Date May 1, 2012  
Implementation Date September 1, 2012

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

EB-2011-0164  
EB-2012-0094

Temporary service installation and removal – overhead – with transformer	\$	1,000.00
Specific charge for access to power poles \$/pole/year	\$	22.35

## 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.

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

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

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

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

## LOSS FACTORS

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

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0579
Total Loss Factor – Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0473
Total Loss Factor – Primary Metered Customer > 5,000 kW	N/A

Updated August 23, 2012 for Smart Meter Decision EB-2012-0094

## Appendix 2: Proposed Tariff Sheet





## 3<sup>RD</sup> Generation Incentive Regulation Model for 2013 Filers

**Cooperative Hydro Embrun Inc.**

The following is a complete Tariff Schedule based on the information entered in this model. Please review.

Note: This worksheet is **unlocked** and the print margins, row heights, number formats, etc. can be adjusted.

### **Cooperative Hydro Embrun Inc.** **TARIFF OF RATES AND CHARGES** **Effective and Implementation Date May 01, 2013**

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

EB-2012-0117

#### **RESIDENTIAL SERVICE CLASSIFICATION**

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

#### **APPLICATION**

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

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	\$	13.75
application	\$	1.44
Distribution Volumetric Rate	\$/kWh	0.0128
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – Effective until April 30, 2014	\$/kWh	0.0004
Rate Rider for Deferral/Variance Account Disposition (2011) – Effective until April 30, 2014	\$/kWh	(0.0021)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0014
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

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

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



## GENERAL SERVICE LESS THAN 50 KW – THREE PHASE ENERGY-BILLED [G3] SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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	\$	20.42
application	\$	4.20
Distribution Volumetric Rate	\$/kWh	0.0168
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0021)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0014
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
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	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

### 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

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	\$	246.25
application	\$	14.30
Distribution Volumetric Rate	\$/kW	4.5626
Low Voltage Service Rate	\$/kW	0.4778
Rate Rider for Lost Revenue Adjustment Mechanism (LRAM) Recovery – Effective until April 30, 2014	\$/kW	0.0284
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.7109)
Retail Transmission Rate - Network Service Rate	\$/kW	2.1438
Retail Transmission Rate - Line Connection Service Rate	\$/kW	1.6795

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

### 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

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 customer)	\$	40.17
Distribution Volumetric Rate	\$/kWh	0.0105
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kWh	(0.0021)
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – Effective until April 30, 2014		
Applicable only for Non-RPP Customers	\$/kWh	0.0014
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0054
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	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

## STREET LIGHTING SERVICE CLASSIFICATION

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

### APPLICATION

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

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

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

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)	\$	1.60
Distribution Volumetric Rate	\$/kW	6.5405
Low Voltage Service Rate	\$/kW	0.3694
Rate Rider for Deferral/Variance Account Disposition (2012) – Effective until April 30, 2014	\$/kW	(0.7349)
Retail Transmission Rate - Network Service Rate	\$/kW	1.6169
Retail Transmission Rate - Line Connection Service Rate	\$/kW	1.2984

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0011
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

**MICROFIT SERVICE CLASSIFICATION**

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

**APPLICATION**

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

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

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a

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

**MONTHLY RATES AND CHARGES - Delivery Component**

Service Charge	\$	5.25
----------------	----	------

## ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month

Primary Metering Allowance for transformer losses – applied to measured demand and energy

## 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 the 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
Statement of Account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Request for other billing information	\$	15.00
Income tax letter	\$	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	25.00
Returned cheques charge (plus bank charges)	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs of applicable)	\$	15.00
Special meter reads	\$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

### Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	20.00
Collection of account charge - no disconnection - after regular hours	\$	50.00
Disconnect/Reconnect Charge - At Meter during Regular Hours	\$	25.00
Disconnect/Reconnect Charge - At Meter during Regular Hours	\$	50.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00
Install/Remove load control device - during regular hours	\$	25.00
Install/Remove load control device - after regular hours	\$	50.00
service call - customer owned equipment	\$	30.00
service call - after regular hours	\$	165.00
Temporary service installation and removal - overhead - no transformer	\$	500.00
Temporary service installation and removal - underground - no transformer	\$	300.00
Temporary service installation and removal - overhead - with transformer	\$	1,000.00
Specific charge for access to power poles \$/pole/year	\$	22.35

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

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing 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	1.0579
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0473

## Appendix 3: Bill Impacts

## Residential

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	39.56%	
Energy Second Tier (kWh)	246.32	0.0880	21.68	246.32	0.0880	21.68	0.00	0.00%	19.06%	
TOU - Off Peak	541.64	0.0650	35.21	541.64	0.0650	35.21	0.00	0.00%		30.52%
TOU - Mid Peak	152.34	0.1000	15.23	152.34	0.1000	15.23	0.00	0.00%		13.20%
TOU - On Peak	152.34	0.1170	17.82	152.34	0.1170	17.82	0.00	0.00%		15.45%
Service Charge	1	13.63	13.63	1	13.75	13.75	0.12	0.88%	12.09%	11.92%
Service Charge Rate Rider(s)	1	1.21	1.21	1	1.44	1.44	0.23	19.01%	1.27%	1.25%
Distribution Volumetric Rate	800	0.0127	10.16	800	0.0128	10.24	0.08	0.79%	9.00%	8.88%
Low Voltage Volumetric Rate	800	0.0014	1.12	800	0.0014	1.12	0.00	0.00%	0.98%	0.97%
Distribution Volumetric Rate Rider(s)	800	(0.0017)	(1.36)	800	(0.0017)	(1.36)	0.00	0.00%	-1.20%	-1.18%
<b>Total: Distribution</b>			<b>24.76</b>			<b>25.19</b>	<b>0.43</b>	<b>1.74%</b>	<b>22.14%</b>	<b>21.83%</b>
Retail Transmission Rate - Network Service Rate	846.32	0.006	5.08	846.32	0.0057	4.82	(0.26)	-5.12%	4.24%	4.18%
Retail Transmission Rate - Line and Transformation Connection Service Rate	846.32	0.0048	4.06	846.32	0.0047	3.98	(0.08)	-1.97%	3.50%	3.45%
<b>Total: Retail Transmission</b>			<b>9.14</b>			<b>8.80</b>	<b>(0.34)</b>	<b>(3.72%)</b>	<b>7.74%</b>	<b>7.63%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>33.90</b>			<b>33.99</b>	<b>0.09</b>	<b>0.27%</b>	<b>29.88%</b>	<b>29.46%</b>
Wholesale Market Service Rate	846.32	0.0052	4.40	846.32	0.0052	4.40	0.00	0.00%	3.87%	3.81%
Rural Rate Protection Charge	846.32	0.0011	0.93	846.32	0.0011	0.93	0.00	0.00%	0.82%	0.81%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.22%	0.22%
<b>Sub-Total: Regulatory</b>			<b>5.58</b>			<b>5.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.91%</b>	<b>4.84%</b>
Debt Retirement Charge (DRC)	800.00	0.00700	5.60	800.00	0.0070	5.60	0.00	0.00%	4.92%	4.85%
<b>Total Bill on RPP (before taxes)</b>			<b>111.76</b>			<b>111.85</b>	<b>0.09</b>	<b>0.08%</b>	<b>98.33%</b>	
HST		13%	14.53		13%	14.54	0.01	0.08%	12.78%	
<b>Total Bill (including HST)</b>			<b>126.29</b>			<b>126.39</b>	<b>0.10</b>	<b>0.08%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.63)		(10%)	(12.64)	(0.01)	0.08%	-11.11%	
<b>Total Bill on RPP (including OCEB)</b>			<b>113.66</b>			<b>113.75</b>	<b>0.09</b>	<b>0.08%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before taxes)</b>			<b>113.35</b>			<b>113.44</b>	<b>0.09</b>	<b>0.08%</b>		<b>98.33%</b>
HST		13%	14.74		13%	14.75	0.01	0.08%		12.78%
<b>Total Bill (including HST)</b>			<b>128.09</b>			<b>128.19</b>	<b>0.10</b>	<b>0.08%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		(10%)	(12.81)		(10%)	(12.82)	(0.01)	0.08%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>115.28</b>			<b>115.37</b>	<b>0.09</b>	<b>0.08%</b>		<b>100.00%</b>

## General Service Less than 50kW

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	600.00	0.0750	45.00	600.00	0.0750	45.00	0.00	0.00%	15.64%	
Energy Second Tier (kWh)	1,515.80	0.0880	133.39	1,515.80	0.0880	133.39	0.00	0.00%	46.36%	
TOU - Off Peak	1,354.11	0.0650	88.02	1,354.11	0.0650	88.02	0.00	0.00%		31.45%
TOU - Mid Peak	380.84	0.1000	38.08	380.84	0.1000	38.08	0.00	0.00%		13.61%
TOU - On Peak	380.84	0.1170	44.56	380.84	0.1170	44.56	0.00	0.00%		15.92%
Service Charge	1	20.24	20.24	1	20.42	20.42	0.18	0.89%	7.10%	7.30%
Service Charge Rate Rider(s)	1	16.03	16.03	1	4.20	4.20	(11.83)	(73.80)%	1.46%	1.50%
Distribution Volumetric Rate	2000	0.0167	33.40	2,000	0.0168	33.60	0.20	0.60%	11.68%	12.01%
Low Voltage Volumetric Rate	2000	0.0013	2.60	2,000	0.0013	2.60	0.00	0.00%	0.90%	0.93%
Distribution Volumetric Rate Rider(s)	2000	(0.0021)	(4.20)	2,000	(0.0021)	(4.20)	0.00	0.00%	-1.46%	-1.50%
<b>Total: Distribution</b>			<b>68.07</b>			<b>56.62</b>	<b>(11.45)</b>	<b>(16.82)%</b>	<b>19.68%</b>	<b>20.23%</b>
Retail Transmission Rate - Network Service Rate	2,115.80	0.0056	11.85	2,115.80	0.0054	11.43	(0.42)	-3.54%	3.97%	4.08%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,115.80	0.0043	9.10	2,115.80	0.0042	8.89	(0.21)	-2.31%	3.09%	3.18%
<b>Total: Retail Transmission</b>			<b>20.95</b>			<b>20.32</b>	<b>(0.63)</b>	<b>(3.01)%</b>	<b>7.06%</b>	<b>7.26%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>89.02</b>			<b>76.94</b>	<b>(12.08)</b>	<b>(13.57)%</b>	<b>26.74%</b>	<b>27.49%</b>
Wholesale Market Service Rate	2,115.80	0.0052	11.00	2,115.80	0.0052	11.00	0.00	0.00%	3.82%	3.93%
Rural Rate Protection Charge	2,115.80	0.0011	2.33	2,115.80	0.0011	2.33	0.00	0.00%	0.81%	0.83%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.09%	0.09%
<b>Sub-Total: Regulatory</b>			<b>13.58</b>			<b>13.58</b>	<b>0.00</b>	<b>0.00%</b>	<b>4.72%</b>	<b>4.85%</b>
Debt Retirement Charge (DRC)	2,000.00	0.00700	14.00	2,000.00	0.0070	14.00	0.00	0.00%	4.87%	5.00%
<b>Total Bill on RPP (before taxes)</b>			<b>294.99</b>			<b>282.91</b>	<b>(12.08)</b>	<b>(4.10)%</b>	<b>98.33%</b>	
HST		13%	38.35		13%	36.78	(1.57)	(4.10)%	12.78%	
<b>Total Bill (including HST)</b>			<b>333.34</b>			<b>319.69</b>	<b>(13.65)</b>	<b>(4.10)%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		(10%)	(33.33)		(10%)	(31.97)	1.37	(4.10)%	-11.11%	
<b>Total Bill on RPP (including OCEB)</b>			<b>300.00</b>			<b>287.72</b>	<b>(12.29)</b>	<b>(4.10)%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before taxes)</b>			<b>287.26</b>			<b>275.18</b>	<b>(12.08)</b>	<b>(4.21)%</b>		<b>98.33%</b>
HST		13%	37.34		13%	35.77	(1.57)	(4.21)%		<b>12.78%</b>
<b>Total Bill (including HST)</b>			<b>324.60</b>			<b>310.95</b>	<b>(13.65)</b>	<b>(4.21)%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		(10%)	(32.46)		(10%)	(31.10)	1.37	(4.21)%		<b>-11.11%</b>
<b>Total Bill on TOU (including OCEB)</b>			<b>292.14</b>			<b>279.86</b>	<b>(12.29)</b>	<b>(4.21)%</b>		<b>100.00%</b>



### General Service 50kW to 4999kW

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL			Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)				
Energy First Tier (kWh)	0.00	0.0750	0.00	0.00	0.0750	0.00	0.00	0.00%	0.00%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	17,793.03	0.0650	1,156.55	17,793.03	0.0650	1,156.55	0.00	0.00%		134.43%
TOU - Mid Peak	5,004.29	0.1000	500.43	5,004.29	0.1000	500.43	0.00	0.00%		58.17%
TOU - On Peak	5,004.29	0.1170	585.50	5,004.29	0.1170	585.50	0.00	0.00%		68.06%
Service Charge	1	244.10	244.10	1	246.25	246.25	2.15	0.88%	28.62%	28.62%
Service Charge Rate Rider(s)	1	70.43	70.43	1	14.30	14.30	(56.13)	(79.70)%	1.66%	1.66%
Distribution Volumetric Rate	90	4.5228	407.05	90	4.5626	410.63	3.58	0.88%	47.73%	47.73%
Low Voltage Volumetric Rate	90	0.4778	43.00	90	0.4778	43.00	0.00	0.00%	5.00%	5.00%
Distribution Volumetric Rate Rider(s)	90	(0.1991)	(17.92)	90	(0.6825)	(61.43)	(43.51)	242.79%	-7.14%	-7.14%
<b>Total: Distribution</b>			<b>746.67</b>			<b>652.76</b>	<b>(93.91)</b>	<b>(12.58)%</b>	<b>75.87%</b>	<b>75.87%</b>
Retail Transmission Rate - Network Service Rate	90.00	2.2389	201.50	90.00	2.1438	192.94	(8.56)	-4.25%	22.43%	22.43%
<b>Total: Retail Transmission</b>			<b>201.50</b>			<b>192.94</b>	<b>(8.56)</b>	<b>(4.25)%</b>	<b>22.43%</b>	<b>22.43%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>948.17</b>			<b>845.70</b>	<b>(102.47)</b>	<b>(10.81)%</b>	<b>98.30%</b>	<b>98.30%</b>
Wholesale Market Service Rate	0.00	0.0052	0.00	0.00	0.0052	0.00	0.00	0.00%	0.00%	0.00%
Rural Rate Protection Charge	0.00	0.0011	0.00	0.00	0.0011	0.00	0.00	0.00%	0.00%	0.00%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.03%	0.03%
<b>Sub-Total: Regulatory</b>			<b>0.25</b>			<b>0.25</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.03%</b>	<b>0.03%</b>
Debt Retirement Charge (DRC)	0.00	0.00700	0.00	0.00	0.0070	0.00	0.00	0.00%	0.00%	0.00%
<b>Total Bill on RPP (before taxes)</b>			<b>948.42</b>			<b>845.95</b>	<b>(102.47)</b>	<b>(10.80)%</b>	<b>98.33%</b>	
HST		13%	123.29		13%	109.97	(13.32)	(10.80)%	12.78%	
<b>Total Bill (including HST)</b>			<b>1,071.71</b>			<b>955.92</b>	<b>(115.79)</b>	<b>(10.80)%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		(10%)	(107.17)		(10%)	(95.59)	11.58	(10.80)%	-11.11%	
<b>Total Bill on RPP (including OCEB)</b>			<b>964.54</b>			<b>860.33</b>	<b>(104.21)</b>	<b>(10.80)%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before taxes)</b>			<b>948.42</b>			<b>845.95</b>	<b>(102.47)</b>	<b>(10.80)%</b>		<b>98.33%</b>
HST		13%	123.29		13%	109.97	(13.32)	(10.80)%		<b>12.78%</b>
<b>Total Bill (including HST)</b>			<b>1,071.71</b>			<b>955.92</b>	<b>(115.79)</b>	<b>(10.80)%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		(10%)	(107.17)		(10%)	(95.59)	11.58	(10.80)%		<b>-11.11%</b>
<b>Total Bill on TOU (including OCEB)</b>			<b>964.54</b>			<b>860.33</b>	<b>(104.21)</b>	<b>(10.80)%</b>		<b>100.00%</b>

## Unmetered Scattered Load

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	416.81	0.0750	31.26	416.81	0.0750	31.26	0.00	0.00%	36.21%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	266.76	0.0650	17.34	266.76	0.0650	17.34	0.00	0.00%		19.54%
TOU - Mid Peak	75.03	0.1000	7.50	75.03	0.1000	7.50	0.00	0.00%		8.46%
TOU - On Peak	75.03	0.1170	8.78	75.03	0.1170	8.78	0.00	0.00%		9.89%
Service Charge	1	39.82	39.82	1	40.17	40.17	0.35	0.88%	46.53%	45.28%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	394	0.0104	4.10	394	0.0105	4.14	0.04	0.96%	4.79%	4.66%
Low Voltage Volumetric Rate	394	0.0013	0.51	394	0.0013	0.51	0.00	0.00%	0.59%	0.58%
Distribution Volumetric Rate Rider(s)	394	(0.0021)	(0.83)	394	(0.0021)	(0.83)	0.00	0.00%	-0.96%	-0.93%
<b>Total: Distribution</b>			<b>43.60</b>			<b>43.99</b>	<b>0.39</b>	<b>0.89%</b>	<b>50.96%</b>	<b>49.58%</b>
Retail Transmission Rate - Network Service Rate	416.81	0.0056	2.33	416.81	0.0054	2.25	(0.08)	-3.43%	2.61%	2.54%
Retail Transmission Rate - Line and Transformation Connection Service Rate	416.81	0.0043	1.79	416.81	0.0042	1.75	(0.04)	-2.23%	2.03%	1.97%
<b>Total: Retail Transmission</b>			<b>4.12</b>			<b>4.00</b>	<b>(0.12)</b>	<b>(2.91%)</b>	<b>4.63%</b>	<b>4.51%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>47.72</b>			<b>47.99</b>	<b>0.27</b>	<b>0.57%</b>	<b>55.59%</b>	<b>54.09%</b>
Wholesale Market Service Rate	416.81	0.0052	2.17	416.81	0.0052	2.17	0.00	0.00%	2.51%	2.44%
Rural Rate Protection Charge	416.81	0.0011	0.46	416.81	0.0011	0.46	0.00	0.00%	0.53%	0.52%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	0.29%	0.28%
<b>Sub-Total: Regulatory</b>			<b>2.88</b>			<b>2.88</b>	<b>0.00</b>	<b>0.00%</b>	<b>3.33%</b>	<b>3.24%</b>
Debt Retirement Charge (DRC)	394.00	0.00700	2.76	394.00	0.0070	2.76	0.00	0.00%	3.19%	3.11%
<b>Total Bill on RPP (before taxes)</b>			<b>84.61</b>			<b>84.88</b>	<b>0.27</b>	<b>0.32%</b>	<b>98.33%</b>	
HST		13%	11.00		13%	11.03	0.04	0.32%	12.78%	
<b>Total Bill (including HST)</b>			<b>95.61</b>			<b>95.91</b>	<b>0.31</b>	<b>0.32%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		(10%)	(9.56)		(10%)	(9.59)	(0.03)	0.32%	-11.11%	
<b>Total Bill on RPP (including OCEB)</b>			<b>86.05</b>			<b>86.32</b>	<b>0.27</b>	<b>0.32%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before taxes)</b>			<b>86.97</b>			<b>87.24</b>	<b>0.27</b>	<b>0.31%</b>		<b>98.33%</b>
HST		13%	11.31		13%	11.34	0.04	0.31%		12.78%
<b>Total Bill (including HST)</b>			<b>98.28</b>			<b>98.58</b>	<b>0.31</b>	<b>0.31%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		(10%)	(9.83)		(10%)	(9.86)	(0.03)	0.31%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>88.45</b>			<b>88.72</b>	<b>0.27</b>	<b>0.31%</b>		<b>100.00%</b>



## Street Lights

	CURRENT ESTIMATED BILL			PROPOSED ESTIMATED BILL						
	Volume	Current Rate (\$)	Current Charge (\$)	Volume	Proposed Rate (\$)	Proposed Charge (\$)	Change (\$)	Change (%)	% of Total RPP Bill	% of Total TOU Bill
Energy First Tier (kWh)	92.67	0.0750	6.95	92.67	0.0750	6.95	0.00	0.00%	55.38%	
Energy Second Tier (kWh)	0.00	0.0880	0.00	0.00	0.0880	0.00	0.00	0.00%	0.00%	
TOU - Off Peak	59.31	0.0650	3.86	59.31	0.0650	3.86	0.00	0.00%		29.48%
TOU - Mid Peak	16.68	0.1000	1.67	16.68	0.1000	1.67	0.00	0.00%		12.75%
TOU - On Peak	16.68	0.1170	1.95	16.68	0.1170	1.95	0.00	0.00%		14.92%
Service Charge	1	1.59	1.59	1	1.60	1.60	0.01	0.63%	12.75%	12.23%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.00%	0.00%	0.00%
Distribution Volumetric Rate	0	6.4834	1.95	0	6.5405	1.96	0.02	0.88%	15.63%	15.00%
Low Voltage Volumetric Rate	0	0.3694	0.11	0	0.3694	0.11	0.00	0.00%	0.88%	0.85%
Distribution Volumetric Rate Rider(s)	0	(0.7349)	(0.22)	0	(0.7349)	(0.22)	0.00	0.00%	-1.76%	-1.69%
<b>Total: Distribution</b>			<b>3.43</b>			<b>3.45</b>	<b>0.02</b>	<b>0.58%</b>	<b>27.49%</b>	<b>26.38%</b>
Retail Transmission Rate - Network Service Rate	0.30	1.6886	0.51	0.30	1.6169	0.49	(0.02)	-3.92%	3.90%	3.75%
<b>Total: Retail Transmission</b>			<b>0.51</b>			<b>0.49</b>	<b>(0.02)</b>	<b>(3.92%)</b>	<b>3.90%</b>	<b>3.75%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>3.94</b>			<b>3.94</b>	<b>0.00</b>	<b>0.00%</b>	<b>31.39%</b>	<b>30.13%</b>
Wholesale Market Service Rate	92.67	0.0052	0.48	92.67	0.0052	0.48	0.00	0.00%	3.84%	3.68%
Rural Rate Protection Charge	92.67	0.0011	0.10	92.67	0.0011	0.10	0.00	0.00%	0.81%	0.78%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.00%	1.99%	1.91%
<b>Sub-Total: Regulatory</b>			<b>0.83</b>			<b>0.83</b>	<b>0.00</b>	<b>0.00%</b>	<b>6.64%</b>	<b>6.38%</b>
Debt Retirement Charge (DRC)	87.60	0.00700	0.61	87.60	0.0070	0.61	0.00	0.00%	4.89%	4.69%
<b>Total Bill on RPP (before taxes)</b>			<b>12.34</b>			<b>12.34</b>	<b>0.00</b>	<b>0.00%</b>	<b>98.33%</b>	
HST		13%	1.60		13%	1.60	0.00	0.00%	12.78%	
<b>Total Bill (including HST)</b>			<b>13.94</b>			<b>13.94</b>	<b>0.00</b>	<b>0.00%</b>	<b>111.11%</b>	
Ontario Clean Energy Benefit (OCEB)		(10%)	(1.39)		(10%)	(1.39)	0.00	0.00%	-11.11%	
<b>Total Bill on RPP (including OCEB)</b>			<b>12.55</b>			<b>12.55</b>	<b>0.00</b>	<b>0.00%</b>	<b>100.00%</b>	
<b>Total Bill on TOU (before taxes)</b>			<b>12.86</b>			<b>12.86</b>	<b>0.00</b>	<b>0.00%</b>		<b>98.33%</b>
HST		13%	1.67		13%	1.67	0.00	0.00%		12.78%
<b>Total Bill (including HST)</b>			<b>14.53</b>			<b>14.53</b>	<b>0.00</b>	<b>0.00%</b>		<b>111.11%</b>
Ontario Clean Energy Benefit (OCEB)		(10%)	(1.45)		(10%)	(1.45)	0.00	0.00%		-11.11%
<b>Total Bill on TOU (including OCEB)</b>			<b>13.08</b>			<b>13.08</b>	<b>0.00</b>	<b>0.00%</b>		<b>100.00%</b>

## Appendix 4: 2010 RRWF





## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.  
 File Number: EB-2009-0132  
 Rate Year: 2010

### Data Input (1)

	Application	Adjustments	Per Board Decision
<b>1 Rate Base</b>			
Gross Fixed Assets (average)	\$2,902,951	(4)	\$2,902,951
Accumulated Depreciation (average)	(\$918,246)	(5)	(\$918,246)
<b>Allowance for Working Capital:</b>			
Controllable Expenses	\$495,227	(6)	\$495,227
Cost of Power	\$2,480,255		\$2,480,255
Working Capital Rate (%)	15.00%		15.00%
<b>2 Utility Income</b>			
Operating Revenues:			
Distribution Revenue at Current Rates	\$611,221		
Distribution Revenue at Proposed Rates	\$783,767		
<b>Other Revenue:</b>			
Specific Service Charges	\$17,305		
Late Payment Charges	\$5,250		
Other Distribution Revenue	\$8,916		
Other Income and Deductions	\$9,900		
<b>Operating Expenses:</b>			
OM+A Expenses	\$495,227		\$495,227
Depreciation/Amortization	\$131,572		\$131,572
Property taxes	\$ -		\$0
<b>Capital taxes</b>	\$0		
Other expenses			
<b>3 Taxes/PILs</b>			
Taxable Income:			
Adjustments required to arrive at taxable income	\$12,536	(3)	
<b>Utility Income Taxes and Rates:</b>			
Income taxes (not grossed up)	\$17,331		
<b>Income taxes (grossed up)</b>	\$20,632		
Capital Taxes	\$ -		
Federal tax (%)	11.00%		
Provincial tax (%)	5.00%		
Income Tax Credits	\$ -		
<b>4 Capitalization/Cost of Capital</b>			
<b>Capital Structure:</b>			
Long-term debt Capitalization Ratio (%)	56.0%		
Short-term debt Capitalization Ratio (%)	4.0%	(2)	(2)
Common Equity Capitalization Ratio (%)	40.0%		
Preferred Shares Capitalization Ratio (%)			
			Capital Structure must total 100%
<b>Cost of Capital</b>			
Long-term debt Cost Rate (%)	5.87%		
Short-term debt Cost Rate (%)	2.07%		
Common Equity Cost Rate (%)	9.85%		
Preferred Shares Cost Rate (%)			

#### Notes:

This input sheet provides all inputs needed to complete sheets 1 through 6 (Rate Base through Revenue Requirement), except for Notes that the utility may wish to use to support the components. Notes should be put on the applicable pages to understand the context of each such note.

- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
- (2) 4.0% unless an Applicant has proposed or been approved for another amount.
- (3) Net of addbacks and deductions to arrive at taxable income.
- (4) Average of Gross Fixed Assets at beginning and end of the Test Year
- (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.

File Number: EB-2009-0132

Rate Year: 2010

### Rate Base

Line No.	Particulars		Application	Adjustments	Per Board Decision
1	Gross Fixed Assets (average)	(3)	\$2,902,951	\$ -	\$2,902,951
2	Accumulated Depreciation (average)	(3)	(\$918,246)	\$ -	(\$918,246)
3	Net Fixed Assets (average)	(3)	\$1,984,705	\$ -	\$1,984,705
4	Allowance for Working Capital	(1)	\$446,322	\$ -	\$446,322
5	<b>Total Rate Base</b>		<b>\$2,431,027</b>	<b>\$ -</b>	<b>\$2,431,027</b>

<b>(1) Allowance for Working Capital - Derivation</b>					
6	Controllable Expenses		\$495,227	\$ -	\$495,227
7	Cost of Power		\$2,480,255	\$ -	\$2,480,255
8	Working Capital Base		\$2,975,482	\$ -	\$2,975,482
9	Working Capital Rate %	(2)	15.00%		15.00%
10	Working Capital Allowance		\$446,322	\$ -	\$446,322

### Notes

- (2) Generally 15%. Some distributors may have a unique rate due as a result of a lead-lag study.  
 (3) Average of opening and closing balances for the year.



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.

File Number: EB-2009-0132

Rate Year: 2010

### Utility income

Line No.	Particulars	Application	Adjustments	Per Board Decision
<b>Operating Revenues:</b>				
1	Distribution Revenue (at Proposed Rates)	\$783,767	\$ -	\$783,767
2	Other Revenue (1)	\$41,371	\$ -	\$41,371
3	Total Operating Revenues	\$825,138	\$ -	\$825,138
<b>Operating Expenses:</b>				
4	OM+A Expenses	\$495,227	\$ -	\$495,227
5	Depreciation/Amortization	\$131,572	\$ -	\$131,572
6	Property taxes	\$ -	\$ -	\$ -
7	Capital taxes	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -
9	Subtotal	\$626,799	\$ -	\$626,799
10	Deemed Interest Expense	\$81,926	\$ -	\$81,926
11	Total Expenses (lines 4 to 10)	\$708,724	\$ -	\$708,724
12	Utility income before income taxes	\$116,414	\$ -	\$116,414
13	Income taxes (grossed-up)	\$20,632	\$ -	\$20,632
14	Utility net income	\$95,782	\$ -	\$95,782

### Notes

(1)	<b>Other Revenues / Revenue Offsets</b>		
	Specific Service Charges	\$17,305	\$17,305
	Late Payment Charges	\$5,250	\$5,250
	Other Distribution Revenue	\$8,916	\$8,916
	Other Income and Deductions	\$9,900	\$9,900
	Total Revenue Offsets	\$41,371	\$41,371



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.  
 File Number: EB-2009-0132  
 Rate Year: 2010

### Taxes/PILs

Line No.	Particulars	Application	Per Board Decision
<b><u>Determination of Taxable Income</u></b>			
1	Utility net income	\$95,782	\$95,782
2	Adjustments required to arrive at taxable utility income	\$12,536	\$12,536
3	Taxable income	\$108,318	\$108,318
<b><u>Calculation of Utility income Taxes</u></b>			
4	Income taxes	\$17,331	\$17,331
5	Capital taxes	\$ -	\$ -
6	Total taxes	\$17,331	\$17,331
7	Gross-up of Income Taxes	\$3,301	\$3,301
8	Grossed-up Income Taxes	\$20,632	\$20,632
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	\$20,632	\$20,632
10	Other tax Credits	\$ -	\$ -
<b><u>Tax Rates</u></b>			
11	Federal tax (%)	11.00%	11.00%
12	Provincial tax (%)	5.00%	5.00%
13	Total tax rate (%)	16.00%	16.00%

### Notes



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.

File Number: EB-2009-0132

Rate Year: 2010

### Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
Application					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$1,361,375	5.87%	\$79,913
2	Short-term Debt	4.00%	\$97,241	2.07%	\$2,013
3	Total Debt	60.00%	\$1,458,616	5.62%	\$81,926
	Equity				
4	Common Equity	40.00%	\$972,411	9.85%	\$95,782
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$972,411	9.85%	\$95,782
7	Total	100%	\$2,431,027	7.31%	\$177,708
Per Board Decision					
		(%)	(\$)	(%)	
	Debt				
8	Long-term Debt	56.00%	\$1,361,375	5.87%	\$79,913
9	Short-term Debt	4.00%	\$97,241	2.07%	\$2,013
10	Total Debt	60.00%	\$1,458,616	5.62%	\$81,926
	Equity				
11	Common Equity	40.0%	\$972,411	9.85%	\$95,782
12	Preferred Shares	0.0%	\$ -	0.00%	\$ -
13	Total Equity	40.0%	\$972,411	9.85%	\$95,782
14	Total	100%	\$2,431,027	7.31%	\$177,708

#### Notes

(1) 4.0% unless an Applicant has proposed or been approved for another amount.



## REVENUE REQUIREMENT WORK FORM

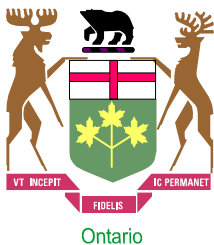
Name of LDC: Coopérative Hydro Embrun Inc.  
File Number: EB-2009-0132  
Rate Year: 2010

### Revenue Sufficiency/Deficiency

Line No.	Particulars	Per Application		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$172,546		\$172,546
2	Distribution Revenue	\$611,221	\$611,221	\$611,221	\$611,221
3	Other Operating Revenue Offsets - net	\$41,371	\$41,371	\$41,371	\$41,371
4	<b>Total Revenue</b>	<b>\$652,592</b>	<b>\$825,138</b>	<b>\$652,592</b>	<b>\$825,138</b>
5	Operating Expenses	\$626,799	\$626,799	\$626,799	\$626,799
6	Deemed Interest Expense	\$81,926	\$81,926	\$81,926	\$81,926
	<b>Total Cost and Expenses</b>	<b>\$708,724</b>	<b>\$708,724</b>	<b>\$708,724</b>	<b>\$708,724</b>
7	<b>Utility Income Before Income Taxes</b>	<b>(\$56,132)</b>	<b>\$116,414</b>	<b>(\$56,132)</b>	<b>\$116,414</b>
	Tax Adjustments to Accounting				
8	Income per 2009 PILs	\$12,536	\$12,536	\$12,536	\$12,536
9	<b>Taxable Income</b>	<b>(\$43,596)</b>	<b>\$128,950</b>	<b>(\$43,596)</b>	<b>\$128,950</b>
10	Income Tax Rate	16.00%	16.00%	16.00%	16.00%
11	<b>Income Tax on Taxable Income</b>	<b>(\$6,975)</b>	<b>\$20,632</b>	<b>(\$6,975)</b>	<b>\$20,632</b>
12	<b>Income Tax Credits</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
13	<b>Utility Net Income</b>	<b>(\$49,156)</b>	<b>\$95,782</b>	<b>(\$49,156)</b>	<b>\$95,782</b>
14	<b>Utility Rate Base</b>	<b>\$2,431,027</b>	<b>\$2,431,027</b>	<b>\$2,431,027</b>	<b>\$2,431,027</b>
	Deemed Equity Portion of Rate Base	\$972,411	\$972,411	\$972,411	\$972,411
15	Income/Equity Rate Base (%)	-5.06%	9.85%	-5.06%	9.85%
16	Target Return - Equity on Rate Base	9.85%	9.85%	9.85%	9.85%
	Sufficiency/Deficiency in Return on Equity	-14.91%	0.00%	-14.91%	0.00%
17	Indicated Rate of Return	1.35%	7.31%	1.35%	7.31%
18	Requested Rate of Return on Rate Base	7.31%	7.31%	7.31%	7.31%
19	Sufficiency/Deficiency in Rate of Return	-5.96%	0.00%	-5.96%	0.00%
20	Target Return on Equity	\$95,782	\$95,782	\$95,782	\$95,782
21	Revenue Sufficiency/Deficiency	\$144,939	(\$0)	\$144,939	(\$0)
22	<b>Gross Revenue Sufficiency/Deficiency</b>	<b>\$172,546 (1)</b>		<b>\$172,546 (1)</b>	

#### Notes:

(1) Revenue Sufficiency/Deficiency divided by (1 - Tax Rate)



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.

File Number: EB-2009-0132

Rate Year: 2010

### Revenue Requirement

Line No.	Particulars	Application	Per Board Decision
1	OM&A Expenses	\$495,227	\$495,227
2	Amortization/Depreciation	\$131,572	\$131,572
3	Property Taxes	\$ -	\$ -
4	Capital Taxes	\$ -	\$ -
5	Income Taxes (Grossed up)	\$20,632	\$20,632
6	Other Expenses	\$ -	\$ -
7	Return		
	Deemed Interest Expense	\$81,926	\$81,926
	Return on Deemed Equity	\$95,782	\$95,782
8	Distribution Revenue Requirement before Revenues	\$825,139	\$825,139
9	Distribution revenue	\$783,767	\$783,767
10	Other revenue	\$41,371	\$41,371
11	<b>Total revenue</b>	\$825,138	\$825,138
12	<b>Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)</b>	<b>(\$0) (1)</b>	<b>(\$0) (1)</b>

#### Notes

(1) Line 11 - Line 8



## REVENUE REQUIREMENT WORK FORM

Name of LDC: Coopérative Hydro Embrun Inc.

File Number: EB-2009-0132

Rate Year: 2010

		Selected Delivery Charge and Bill Impacts Per Draft Rate Order								
		Monthly Delivery Charge					Total Bill			
		Current	Per Draft Rate Order	Change			Current	Per Draft Rate Order	Change	
				\$	%				\$	%
Residential	800 kWh/month	\$ 29.80	\$ 34.63	\$ 4.83	16.2%		\$ 92.50	\$ 97.03	\$ 4.53	4.9%
GS < 50kW	2000 kWh/month	\$ 63.49	\$ 77.36	\$ 13.87	21.8%		\$ 226.97	\$ 240.12	\$ 13.15	5.8%

Notes: