

Cooperative Hydro Embrun 821 Rue Notre Dame Embrun, ON, K0A 1W1

January 20, 2011

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

Attention: Kirsten Walli Board Secretary

Re: Cooperative Hydro Embrun Inc. EB-2010-0077 2011 IRM3 Electricity Distribution Rate Application Responses to Board Staff Interrogatories

Dear Ms. Walli:

Cooperative Hydro Embrun Inc. filed an application with the Ontario Energy Board (the "Board") on November 12, 2010 seeking approval for changes to rates that Cooperative Hydro Embrun Inc. may charge for electricity distribution to be effective May 1, 2011.

Pursuant to the Notice of Application and Hearing for an Electricity Distribution Rate Change, issued December 1, 2010, Board Staff filed interrogatories on January 6, 2011. Cooperative Hydro Embrun Inc. was required to file responses by January 20, 2011.

Cooperative Hydro Embrun Inc. in reviewing the interrogatories have made changes to the application models and are subsequently filing amended models with this filing.

An electronic copy in PDF format will be submitted through the Board's Regulatory Electronic Submission System ("RESS"). In order to reduce our carbon footprint, hard copies of these documents will be provided upon request.

These responses to Board Staff interrogatories relating to the 2011 IRM3 Electricity Distribution Rate Application are respectfully submitted for the Board's consideration.

Should there be any questions, please do not hesitate to contact me at the number below.

Yours truly,

Benoit Lamarche
General Manager
Cooperative Hydro Embrun Inc.
821 Rue Notre Dame
Embrun ON KOA 1W1

Embrun, ON, K0A 1W1 Tel: 613-443-5110

### Cooperative Hydro Embrun Inc. 2011 Electricity Distribution Rates EB-2010-0077 Response to Board Staff Interrogatories

#### 1. Tax Model

a. Board staff notes that a Tax Model in not included in the application. Please file a Tax Model.

Response to Board Staff IR#1

CHEI has completed the 2011 IRM3 Shared Tax Savings Workform model as requested and is attached to this reply. CHEI notes that the calculated tax sharing value is \$382, which results in immaterial rate rider values for Residential and General Service Less Than 50kW customer classes. CHEI would propose this value be recorded in USoA Account 1595 for disposal at a future date.

### 2. Revenue Cost Ratio Adjustment

Ref: Rate Generator Model Ref: Revenue Cost Ratio Model

A portion of Sheet D1.2 from the Rate Generator Model is reproduced below.

#### Revenue Cost Ratio Adjustment

0 - 0.15000 0 0.00000 0 0.00000 0 13.15000
0.00000
13.15000
0.28000
. AST-D
nt Adj To Base 0 - 0.00010
0.00000
0.00000
0.00000 0.00000 0.00340

A portion of Sheet C1.9 from the Revenue Cost Ratio Model is reproduced below.

### Adjustment required to Proposed Rates

Rate Class	Re	Adjustment quired Base rvice Charge G = A - D	E	justment Required Base Distribution lumetric Rate kWh H = B - E		Adjustment Required Base Distribution umetric Rate kW I = C - F		
Residential General Service Less Than 50 kW General Service 50 to 4,999 kW – Interva Unmetered Scattered Load Street Lighting	-\$ \$ \$ \$	0.15 - - 13.15 0.28	-\$ \$ \$ \$	0.0001 - - 0.0034 -	\$ \$ \$ \$	- - - - 1.1374		
	Enter the above values onto Sheet "D1.X Revenue Cost Ratio Adj" of the 2011 OEB IRM3 Rate Generator.							

a. With respect to the Street Lighting rate class, please explain the discrepancy between the value in the "\$ Adjustment" column of the Volumetric Distribution Charge section in the former and the value in column I in the latter. If this is an error, Board staff will make the relevant corrections.

### Response to Board Staff IR#2

CHEI confirms that the entry of the volumetric adjustment for street lighting \$1.1374 was not entered on sheet "D1.2 Revenue Cost Ratio Adj" of the 2011 IRM3 Rate Generator in error. While CHEI accepts Board Staff adjusting the Rate Generator amount on its behalf, CHEI has attached an amended model which includes this and other adjustment required.

### 3. Rate class "General Service 50 to 4,999"

Ref: Tariff of Rates and Charges Effective May 1, 2010

a. Board staff notes the extensive use of the rate class label "General Service 50 to 4,999 – Interval" in various sheets in various models. As an example, please refer to the second exhibit in the previous question and the exhibit in the next question. Board staff further notes that the Tariff of Rates and Charges Effective May 1, 2010 identifies this rate class without "Interval". If this is an error, Board staff will make the relevant corrections.

### Response to Board Staff IR#3

CHEI confirms that the entry of "General Service 50 to 4,999 – Interval" was in error. CHEI accepts Board Staff adjusting the label where applicable on its behalf.

#### 4. Revenue Cost Ratios

Ref: Revenue Cost Ratio Model

A portion of Sheet C1.1 from the Revenue Cost Ratio Model is reproduced below.

### Decision - Cost Revenue Adjustments by Rate Class

		Current	Transition	Transition	Transition	Transition	Transition
Rate Class	Direction	Year	Year 1	Year 2	Year 3	Year 4	Year 5
		2010	2011	2012	2013	2014	2015
Residential	Rebalance	102.00%	tbd	tbd	tbd	tbd	tbd
General Service Less Than 50 kW	No Change	121.00%	121.00%	121.00%	121.00%	121.00%	121.00%
General Service 50 to 4,999 kW - Inte	No Change	91.00%	91.00%	91.00%	91.00%	91.00%	91.00%
Unmetered Scattered Load	Change	51.00%	66.00%	80.00%	80.00%	80.00%	80.00%
Street Lighting	Change	60.00%	70.00%	70.00%	70.00%	70.00%	70.00%

a. With respect to the 2010 revenue-to-cost ratios, Board staff notices a discrepancy between the ratios provided in the "Current Year 2010" column in the above exhibit and the ratios provided in the Draft Rate Order (page F4) of the 2010 Cost of Service application (EB-2009-0132). Please reconcile the 2010 ratios and if relevant update the ratios for the downstream years. Provide the updated information; Board staff will make the relevant corrections.

### Response to Board Staff IR#4

CHEI acknowledges that the value for Residential should be 103%, General Service Less Than 50 kW should be 91% and General Service 50 To 4,999 kW should be 121%. While CHEI accepts Board Staff adjusting the Rate Generator amount on its behalf, CHEI has attached an amended model which includes this and other adjustment required.

#### 5. Revenue Offsets Allocation

Ref: Revenue Cost Ratio Model

A portion of Sheet C1.2 from the Revenue Cost Ratio Model is reproduced below.

### Revenue Offsets Allocation

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C= A / B	Allocated Revenue Offsets E = D ^ C
Residential	29,331	70.90%	29,331
General Service Less Than 50 kW	6,508	15.73%	6,508
General Service 50 to 4,999 kW -			
Interval Metered	3,201	7.74%	3,201
Unmetered Scattered Load	1,403	3.39%	1,403
Street Lighting	928	2.24%	928
	41,371	100.00%	41,371
		·	

Enter revenue offsets as found in Cell F47 on sheet "C1.2 Revenue Offsets Allocation" of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF

a. Board Staff has been unable to verify the figures in column A (Informational Filing Revenue Offsets) for the various rate classes. Please provide evidence supporting these amounts.

Response to IR # 5

Please reference the following Sheet "O1 Revenue to cost|RR" Cooperative Hydro Embrun DRF RO 2010 CA Model 20100406.XLS

http://www.rds.oeb.gov.on.ca/webdrawer/webdrawer.dll/webdrawer/rec/185630/view

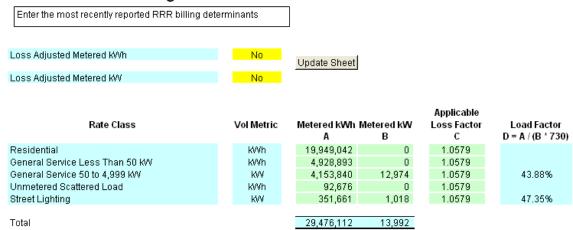
Class	Class Revenue, Cost Analysis, and Return on Rate Base											
			1	2	3	7	9					
Rate Blase Assets		Total	Residential	G8 <50	GS>50-Regular	Street Light	Unmetered Scattlered Load					
cre-v	Distribution Revenue (sale) Miscelameous Revenue (mi)	\$611,222 \$41,372	\$436,376 \$29,331	\$91,692 \$6,508	\$72,341 \$3,201	\$7,740 \$928	\$3,073 \$1,403					
	Total Revenue	\$652,594	\$465,707	\$38,200	\$75,542	\$8,668	\$4,476					

### 6. Loss Adjusted Metered kWh and RRR Billing Determinants

Ref: RTSR Model

A portion of Sheet B1.2 from the RTSR Model is reproduced below.

### 2009 Distributor Billing Determinants

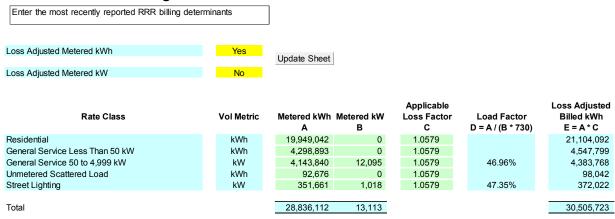


- a. Please confirm that the kWh volumes in column A are not loss adjusted, i.e. losses are not included in these volumes.
- b. Board Staff has been able to verify some but not all the billing determinant figures in columns A and B (Metered kWh and Metered kW) against the most recently reported RRR billing determinants. Please provide evidence supporting these amounts.

Response to IR # 6

- a) CHEI acknowledges that the values for RTSR are loss adjusted and have amended the model attached to this response.
- b) CHEI has adjusted the values to match the 2009 RRR filings as requested.

#### 2009 Distributor Billing Determinants



#### 7. Historical Wholesale Transmission

Ref: RTSR Model

A portion of Sheet C1.1 from the RTSR Model is reproduced below.

Hydro One									
-	N N	letwork		Line C	onnect	ion	Line T	ransform	ation
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount
January	6,862	\$ 2.24	\$ 15,371		\$-		6,862	\$ 1.99	\$ 13,655
February	6,326	\$ 2.24	\$ 14,170		\$-		6,326	\$ 1.99	\$ 12,589
March	5,691	\$ 2.24	\$ 12,748		\$-		5,808	\$ 1.99	\$ 11,558
April	4,779	\$ 2.24	\$ 10,705		\$-		4,779	\$ 1.99	\$ 9,510
May	3,963	\$ 2.24	\$ 8,877		\$-		3,963	\$ 1.99	\$ 7,886
June	5,731	\$ 2.24	\$ 12,837		\$-		5,731	\$ 1.99	\$ 11,405
July	4,839	\$ 2.24	\$ 10,839		\$-		4,839	\$ 1.99	\$ 9,630
August	6,052	\$ 2.24	\$ 13,556		\$-		6,052	\$ 1.99	\$ 12,043
September	4,428	\$ 2.24	\$ 9,919		\$-		4,428	\$ 1.99	\$ 8,812
October	4,719	\$ 2.24	\$ 10,571		\$-		4,719	\$ 1.99	\$ 9,391
November	5,464	\$ 2.24	\$ 12,239		\$-		5,464	\$ 1.99	\$ 10,873
December	6,854	\$ 2.24	\$ 15,353		\$-		6,854	\$ 1.99	\$ 13,639
Total	65,708	\$ 2.24	\$147,186	-	\$-	\$ -	65,825	\$ 1.99	\$130,992

A portion of Sheet B1.3 from the RTSR model is reproduced below.

Hydro One Sub-Transmission Rates			ctive May , 2008		ective 1, 2009		tive May 2010
Rate Description	Yol Metric	Rate R		Rate	Rate		
Network Service Rate	kW	\$	2.01	\$	2.24	\$	2.65
Line Connection Service Rate	kW	\$	0.50	\$	0.60	\$	0.64
Transformation Connection Service Rate	kW	\$	1.38	\$	1.39	\$	1.50
Both Line and Transformation Connection Service Rate	kW	\$	1.88	\$	1.99	\$	2.14

- a. With respect to the first exhibit, Board staff notes that the Rate column in the Line Connection section is not populated whereas in the Line Transformation section, data in the Rate column represents the combined Line and Transformation Connection Service Rates (please see second exhibit for comparison). Please confirm that Embrun is seeking adjustments to its RTSR Connection Charges.
- b. For the May to December period, Board staff further notes that data in the Rate columns in the first exhibit are not aligned with corresponding data in the second exhibit. If this is an error, Board staff will make the relevant corrections.

### Response to IR # 7

CHEI has corrected the rates and values to match the 2009 invoices from Hydro One. An amended model is attached.

### **Hydro One**

	N	letwork		Line C	onnec	tion	Line Tr	ansforn	nation	Tot	tal Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Ar	nount
January	6,862	\$2.01	\$ 13,793	6,862	\$-		6,862	\$1.88	\$ 12,901	\$	12,901
February	6,326	\$2.01	\$ 12,715	6,326	\$-		6,326	\$1.88	\$ 11,893	\$	11,893
March	5,691	\$2.01	\$ 11,439	5,691	\$-		5,691	\$1.88	\$ 10,699	\$	10,699
April	4,779	\$2.01	\$ 9,606	4,779	\$-		4,779	\$1.88	\$ 8,985	\$	8,985
May	3,963	\$2.24	\$ 8,877	3,963	\$-		3,963	\$1.99	\$ 7,886	\$	7,886
June	5,731	\$2.24	\$ 12,837	5,731	\$-		5,731	\$1.99	\$ 11,405	\$	11,405
July	4,839	\$2.24	\$ 10,839	4,839	\$-		4,839	\$1.99	\$ 9,630	\$	9,630
August	6,052	\$2.24	\$ 13,556	6,052	\$-		6,052	\$1.99	\$ 12,043	\$	12,043
September	4,428	\$2.24	\$ 9,919	4,428	\$-		4,428	\$1.99	\$ 8,812	\$	8,812
October	4,719	\$2.24	\$ 10,571	4,719	\$-		4,719	\$1.99	\$ 9,391	\$	9,391
November	5,464	\$2.24	\$ 12,239	5,464	\$-		5,464	\$1.99	\$ 10,873	\$	10,873
December	6,854	\$2.24	\$ 15,353	6,854	\$-		6,854	\$1.99	\$ 13,639	\$	13,639
Total	65,708	\$2.16	\$141,745	65,708	\$-	\$ -	65,708	\$1.95	\$128,157	\$1	28,157

### 8. Recovery of RTSR Network Charge

Ref: RTSR Model

Ref: Deferral/Variance Account Model.

A portion of Sheet D1.1 from the RTSR Model is reproduced below.

Rate Class	Vol Met	Bille	ed Amount	Billed Amount %	Cu	rrent Wholesale Billing	
		(D) = (A)	"(B) or (A) "(C)	(F) = (D) / (E)		(H) = (G) * (F)	-
Residential	k/Vh	\$	101,740	67.32%	\$	119,295	
General Service Less Than 50 kW	kWh	\$	23,166	15.33%	\$	27,163	
General Service 50 to 4,999 kW	KW.	\$	24,353	16.11%	\$	28,556	-
Unmetered Scattered Load	kWh	\$	436	0.29%	\$	511	-
Street Lighting	kW	\$	1,441	0.95%	\$	1,690	_
		\$	151,136	100.00%	\$	177,214	
			(E)		(G)	Cell G73 Sheet C1.2	:

A portion of Sheet D1.6 from the Deferral/Variance Account Model is reproduced below.

	Accour Numbe	Total Claim
Account Description		J = C + I
LV Variance Account	1550	22,267
RSVA - Wholesale Market Service Charge	1580	(15,817)
RSVA - Retail Transmission Network Charge RSVA - Retail Transmission Connection Charge	1584 1586	(42,411) (68,896)
RSVA - Power (Excluding Global Adjustment)	1588	114,622
RSVA - Power (Global Adjustment Sub-account)		34,777
Recovery of Regulatory Asset Balances	1590	(25,554)
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0
Total		18,989

a. In the former, column D is less than column H which indicates an under-recovery of the RTSR Network charge. In the latter, Account 1584 shows an over-recovery as of December 31, 2009. Please explain this apparent discrepancy.

### Response to IR # 8

CHEI last amended its RTSR rates in its 2010 Cost of Service application. While the Board required CHEI to amend its rate adjustment to January 1, 2010 rates there was an error in the calculation resulting in an understatement of rate adjustment (see page 45 of CHEI Draft Rate Order). This resulted in the anomalous results observed by Board Staff. CHEI confirms this oversight and agrees the amended RTSR adjustment model attached is reasonable.

### 9. Rate Class and Billing Determinants

Ref: Deferral/Variance Account Model.

A portion of Sheet B1.3 from the Deferral/Variance Account Model is reproduced below.

### Rate Class and Billing Determinants

				2010 COS	Forecast	
Rate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh	Metered kW	Billed kWh for Non-RPP customers
RES	Residential	Customer	kWh	19,657,452		1,757,279
GSLT50	General Service Less Than 50 kW	Customer	kWh	4,976,291	ı	97,073
GSGT50	General Service 50 to 4,999 kW	Customer	kW	4,387,835	i	11,784
USL	Unmetered Scattered Load	Connection	kWh	93,536		132
SL	Street Lighting	Connection	kW	388,274		1,003

- a. Board Staff has been unable to verify the figures in the "Billed kWh for Non-RPP customers" column for the various rate classes. Please provide evidence supporting these amounts.
- b. Board staff notes that figures for "Metered kW" for rates classes "General Service 50 to 4,999 kW" and Street Lighting are missing. Provide the figures, Board staff will make the relevant corrections.

#### Response to IR # 9

- a) CHEI has reviewed and corrected the non-RPP kWh amounts as requested on the attached amended model.
- b) CHEI has entered the kW amounts as requested on the attached amended model.

				2010 COS	Forecast	
Rate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh	Metered kW	Billed kWh for Non-RPP customers
RES	Residential	Customer	kWh	19,657,452		2,972,720
GSLT50	General Service Less Than 50 kW	Customer	kWh	4,976,291		169,575
GSGT50	General Service 50 to 4,999 kW	Customer	kW	4,387,835	12,779	1,309,830
USL	Unmetered Scattered Load	Connection	kWh	93,536		0
SL	Street Lighting	Connection	kW	388,274	1,066	0

Please note that in addition to the changes to the above CHEI noted that it had included the 2008 balances disposed by the Board in the CHEI 2010 cost of service application. CHEI notes that in removing the 2008 values does not impact the fact that CHEI is still well below threshold and continues its request not to dispose of deferral/variance balances in 2011.



Name of LDC: File Number:

Effective Date:

Cooperative Hydro Embrun Inc. EB-2010-0077 May 1, 2011

Version: 2.0

### **LDC Information**

Applicant Name	Cooperative Hydro Embrun Inc.
Application Type	IRM3
OEB Application Number	EB-2010-0077
Tariff Effective Date	May 1, 2011
LDC Licence Number	ED-2002-0493
Notice Publication Language	English/French
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
Stretch Factor Group	II
Stretch Factor Value	0.4%
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0132
Special Purpose Charge - Current	Yes
Special Purpose Charge · Applied	Yes
Application Contact Information	
Name:	BENOIT LAMARCHE
Title:	MANAGER
Phone Number:	613.443.5110
E-Mail Address:	embrunhydro@magma.ca

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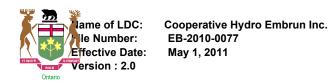
Name of LDC: Cooperative Hydro Embrun Inc.

File Number: EB-2010-0077 Effective Date: May 1, 2011

Version : 2.0

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C1.1 Smart Meter Funding Adder	Enter Current Tariff Sheet Smart Meter Funding Adder
C2.3 Def Var Disp 2010	Deferral Variance Account Disposition (2010)
C3.1 Curr Low Voltage Vol Rt	Current Low Voltage Volumetric Rate
C3.3 Global Adjustment Del	Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component
C4.1 Curr Rates & Chgs General	Enter Current Tariff Sheet Rates
C7.1 Base Dist Rates Gen	Calculation of Base Distribution Rates
D1.2 Revenue Cost Ratio Adj	Revenue Cost Ratio Adjustment
E1.1 Rate Reb Base Dist Rts Gen	Rate Rebalanced Base Distribution Rates
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F1.2 GDP-IPI PCI Adjust to Rate	GDP-IPI Price Cap Adjustment To Rates
G1.1 Aft PrcCp Base Dst Rts Gen	Base Distribution Rates after Price Cap Adjustment
J1.1 Smart Meter Funding Adder	Enter Proposed Tariff Sheet Smart Meter Rate Adder
J3.1 App For Low Voltage Vol Rt	Applied for Low Voltage Volumetric Rate
L1.1 Appl For TX Network	Applied For RTSR - Network
L2.1 Appl For TX Connect	Applied For RTSR - Connection
M4.1 microFIT Generator	Applied for microFIT Generator
N1.1 Appl For Mthly R&C General	Monthly Rates and Charges
N3.1 Curr&Appl For Loss Factor	Enter Loss Factors From Current Tariff Sheet
O1.1 Sum of Chgs To MSC&DX Gen	Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge
O1.2 Sum of Tariff Rate Adders	Shows Summary of Changes To Tariff Rate Adders
O1.3 Sum of Tariff Rate Rider	Shows Summary of Changes To Tariff Rate Riders
O2.1 Calculation of Bill Impact	Bill Impact Calculations
P1.1 Curr&Appl For Allowances	Enter Allowances from Current Tariff Sheets
P2.1 Curr&Appl For Spc Srv Chg	Enter Specific Service Charges from Current Tariff Sheets
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets



### **Show or Hide Sheet Selection**

Sheet	Show / Hide	e Purpose of Sheet	
C2.1 Def Var Disp 2008	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2008)	
C2.2 Def Var Disp 2009	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2009)	
C2.3 Def Var Disp 2010	Show	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2010)	
C2.4 LRAMSSM Recovery RateRider	Hide	To be used by distributor that had a Rate Rider for LRAM/SSM	
C2.5 ForegoneRevenue Rate Rider	Hide	To be used by distributor that had a Rate Rider for Foregone Revenue	
C2.6 Tax Change Rate Rider	Hide	To be used by distributor that had a Rate Rider for Shared Tax Savings	
C3.1 Curr Low Voltage Vol Rt	Show	To be used by distributor that had a Rate Rider for Low Voltage Volumetric Rate	
C3.2 Global Adjustment Elect	Hide	To be used by distributor that had a Rate Rider for GA Sub-Acct - Electricity	
C3.3 Global Adjustment Del	Show	To be used by distributor that had a Rate Rider for GA Sub-Acct - Delivery	
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J2.1 Def Var Disp 2008	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2008)	
J2.2 Def Var Disp 2009	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2009)	
J2.3 Def Var Disp 2010	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2010)	
J2.4 Def Var Disp 2011	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2011)	
J2.5 LRAMSSM Recovery RateRider	Hide	To be used by distributor that is applying for a Rate Rider for LRAM/SSM	
J2.6 ForegoneRevenue Rate Rider	Hide	To be used by distributor that is continuing a Rate Rider for Foregone Revenue	
J2.7 Tax Change Rate Rider	Hide	To be used by distributor that is applying for a Rate Rider for Shared Tax Savings	
J2.8 Incr Capital Rate Rider	Hide	To be used by distributor that is applying for a Rate Rider for Incremental Capital	
J3.1 App For Low Voltage Vol Rt	Show	To be used by distributor that is applying for a Rate Rider for Low Voltage Volumetric Rate	
J3.2 Global Adjust Elec 2010	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2010	
J3.21 Global Adjust Elec 2011	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2011	
J3.3 Global Adjust Del 2010	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2010	
J3.31 Global Adjust Del 2011	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2011	



#### Current and Applied For Rate Classes

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES Residential Customer -12 per year		Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Customer -12 per year	kWh
GSGT50	General Service 50 to 4,999 kW	Customer - 12 per year	kW
USL	Unmetered Scattered Load	Customer -12 per year	kWh
9.	Street Lighting	Customer -12 per year	kW
NA NA	Rate Class 5	NA NA	NA.
NA.	Rate Class 7	NA NA	NA.
NA.	Rate Class 5	NA NA	NA.
NA NA	Rate Class 9	NA NA	NA.
NA.	Rate Class 10	NA NA	NA.
NA NA	Rate Class 11	NA NA	NA.
NA NA	Rate Class 12	NA NA	NA.
NA.	Rate Class 13	NA NA	NA.
NA NA	Rate Class 14	NA NA	NA.
NA.	Rate Class 15	NA NA	NA.
NA.	Rate Class 16	NA NA	NA.
NA.	Rate Class 17	NA NA	NA.
NA.	Rate Class 18	NA NA	NA.
NA.	Rate Class 19	NA NA	NA.
NA NA	Rate Class 20	NA NA	NA.
NA.	Rate Class 21	NA NA	NA.
NA NA	Rate Class 22	NA NA	NA.
NA.	Rate Class 23	NA NA	NA.
NA.	Rate Class 24	NA NA	NA.

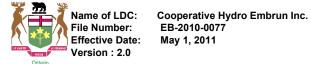
TAM

Debasies Chalchour

Las Younge Westing Carup Nos

Las Younge Westing Carup Nos

Schools Pr



**Current Smart Meter Funding Adder** 

Rate Adder	Smart Meters				
Tariff Sheet Disclosure	Yes				
Metric Applied To	Metered Customers				
Method of Application	Uniform Service Charge				
Uniform Service Charge Amount	1.33				
Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.330000	Customer -12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.330000	Customer -12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	1.330000	Customer -12 per year	0.000000	kW



Name of LDC: File Number: Effective Date: Version : 2.0

Cooperative Hydro Embrun Inc. EB-2010-0077 May 1, 2011

### **Deferral Variance Account Disposition (2010)**

Rate Rider	Def Var Disp 2010
Sunset Date	April 30, 2011
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	0.000400	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	0.000800	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	0.590100	kW
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	0.001500	kWh
Street Lighting	Yes	0.000000	Customer -12 per year	0.768000	kW



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## **Current Low Voltage Volumetric Rate**

Rate Description	Low Voltage Volumetric Rate	
Select Tariff Sheet Disclosure	Yes - Shown on Tariff Sheet	
Metric Applied To	All Customers	
Method of Application	Distinct Volumetric	
Rate Class		Current Low Voltage
Residential	kWh	0.001400
General Service Less Than 50 kW	kWh	0.001300
General Service 50 to 4,999 kW	kW	0.477800
Unmetered Scattered Load	kWh	0.001300
Street Lighting	kW	0.369400



Name of LDC: File Number: Cooperative Hydro Embrun Inc. EB-2010-0077

File Number: EB-2010-007 Effective Date: May 1, 2011 Version : 2.0

# **Current Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component**



Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer -12 per year	0.003500	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer -12 per year	0.003500	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer -12 per year	0.003500	kW
Unmetered Scattered Load	Yes	0.000000	Customer -12 per year	0.003500	kWh
Street Lighting	Yes	0.000000	Customer -12 per year	0.003500	kW



Name of LDC: Cooperative Hydro Embrun Inc. EB-2010-0077

#### **Current Rates and Charges**

Rate Class		
Residential		
Rate Description	Metric	Ra
Service Charge	S	13.4
Service Charge Smart Meters	š	1.3
Distribution Volumetric Rate	\$/kWh	0.012
Low Voltage Volumetric Rate	\$/kWh	0.001
Distribution Volumetric Def Var Disp 2010 – effective until April-30-11	\$/kWh	
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004
Wholesale Market Service Rate	\$/kWh	0.005
Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$	0.001
Rate Class General Service Less Than 50 kW		
D 1 D 1 I I	Metric	Rat
Rate Description Service Charge	Metric \$	20.0
Service Charge Smart Meters	\$	1.3
Distribution Volumetric Rate	\$/kWh	
Low Voltage Volumetric Rate	\$/kWh	0.010
Distribution Volumetric Def Var Disp 2010 – effective until April-30-11	\$/kWh	0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.004
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004
Wholesale Market Service Rate	\$/kWh	0.005
Rural Rate Protection Charge	\$/kWh	0.001
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2
Rate Class		
General Service 50 to 4,999 kW		
Rate Description	Metric	Ra
Service Charge	\$	241.5
Service Charge Smart Meters	\$	1.3
Distribution Volumetric Rate	\$/kW	4.475
	\$/kW	
Low Voltage Volumetric Rate	\$/kW \$/kW	0.477
Distribution Volumetric Def Var Disp 2010 – effective until April-30-11	\$/KW \$/kW	1.877
Retail Transmission Rate – Network Service Rate	S/kW	0.000
	S/kW	0.000
Retail Transmission Rate – Line and Transformation Connection Service Rate	S/kW	1 629
Talana da la companya	\$/kW	0.000
	\$/kW	0.000
Wholesale Market Service Rate	\$/kWh	0.005
Rural Rate Protection Charge	\$/kWh	0.001
Standard Supply Service – Administrative Charge (if applicable)	\$	0.2
Rate Class		
Unmetered Scattered Load		
Rate Description	Metric	Ra
Service Charge (per Customer)	\$	39.4
Distribution Volumetric Rate	\$/kWh	0.010
Low Voltage Volumetric Rate	\$/kWh	0.001
Distribution Volumetric Def Var Disp 2010 – effective until April-30-11	\$/kWh	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.004
Retail Transmission Rate – Line and Transformation Connection Service Rate Wholesale Market Service Rate	\$/kWh \$/kWh	0.004
Rural Rate Protection Charge	\$/kWh	0.005
Standard Supply Service – Administrative Charge (if applicable)	\$	0.001
Rate Class		
	Metric	Rat
Street Lighting Rate Description	Metric	1.5
Street Lighting Rate Description Service Charge	\$	
Street Lighting Rale Description Service Charge	\$ \$/kW	
Street Lighting Rate Description Service Charge Usirbitudin Volumetric Rate Low Voltage Volumetric Rate	S S/kW S/kW	6.415 0.369
Street Lighting Rade Description Service Change Service Change Low Voltage Volumetric Rate Low Voltage Volumetric Rate Low Voltage Volumetric Para Distributor Volumetric Def Var Disp 2010 – effective until April-30-11	S S/kW S/kW S/kW	6.415 0.369 0.7680
Street Lighting  Rale Description  Service Charge Distribution Volumetric Rate Low Voltage Volumetric Rate Distribution Volumetric Rate Distribution Volumetric Det Var Disp 2010 – effective until April-30-11  Resell Transmission Rate – Network Service Rate	S SIRW SIRW SIRW SIRW	6.415 0.369 0.7680 1.415
Street Lighting Rate Description Service Change Distribution Volumetris Rate Love Vollage Volumetris Rate Love Vollage Volumetris Rate Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S SIKW SIKW SIKW SIKW	0.369 0.7680 1.415 1.259
Street Lighting  Rate Description  Service Charge  Distribution Volumetric Rate  Low Voltage Volumetric Rate  Distribution Volumetric Rate  Distribution Volumetric Bate  Distribution Volumetric Det Var Disp 2010 – effective until April-30-11  Retall Transmission Rate – Network Service Rate  Retall Transmission Rate – Lete and Transformation Connection Service Rate  Wholesale Market Service Rate	S SAW SAW SAW SAW SAW SAW	6.415 0.369 0.7680 1.415 1.259 0.005
Street Lighting  Rate Description  Service Charge  Distribution Volumetric Rate  Low Voltage Volumetric Rate  Distribution Volumetric Rate  Distribution Volumetric Del Volumetric Rate  Distribution Volumetric Del Volumetric Rate  Rate Street Rate  Rate Transmission Rate — Line and Transformation Connection Service Rate  Wholesale Market Service Rate  Rate Protection Charge	S SRW SRW SRW SRW SRW SRWh	6.415 0.369 0.7680 1.415 1.259 0.005 0.001
Street Lighting  Rate Description  Service Charge  Distribution Volumetric Rate  Low Voltage Volumetric Rate  Distribution Volumetric Rate  Distribution Volumetric Bate  Distribution Volumetric Det Var Disp 2010 – effective until April-30-11  Retall Transmission Rate – Network Service Rate  Retall Transmission Rate – Lete and Transformation Connection Service Rate  Wholesale Market Service Rate	S SAW SAW SAW SAW SAW SAW	0.369 0.7680 1.415 1.259 0.005



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Cooperative Hydro Embrun Inc.

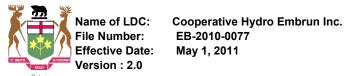
**Base Distribution Rates** 

#### Service Charge

Class	Metric	Current Rates	Current Base Rates
Residential	Customer -12 per year	13.490000	13.490000
General Service Less Than 50 kW	Customer -12 per year	20.020000	20.020000
General Service 50 to 4,999 kW	Customer -12 per year	241.540000	241.540000
Unmetered Scattered Load	Customer -12 per year	39.400000	39.400000
Street Lighting	Customer -12 per year	1.580000	1.580000

#### **Distribution Volumetric Rate**

Class	Metric	Current Rates	Current Base Rates
Residential	kWh	0.012600	0.012600
General Service Less Than 50 kW	kWh	0.016600	0.016600
General Service 50 to 4,999 kW	kW	4.475200	4.475200
Unmetered Scattered Load	kWh	0.010300	0.010300
Street Lighting	kW	6.415300	6.415300



**Revenue Cost Ratio Adjustment** 

Rate Rebalancing Adjustment	Revenue Cost Ratio
Metric Applied To	All Customers
Method of Application	Both Distinct\$

#### **Monthly Service Charge**

Class	Metric	Base Rate	\$ Adjustment	Adj To Base
Residential	Customer -12 per year	13.490000	- 0.611128	- 0.611128
General Service Less Than 50 kW	Customer -12 per year	20.020000	0.000000	0.000000
General Service 50 to 4,999 kW	Customer -12 per year	241.540000	0.000000	0.000000
Unmetered Scattered Load	Customer -12 per year	39.400000	13.148619	13.148619
Street Lighting	Customer -12 per vear	1.580000	0.280122	0.280122

#### **Volumetric Distribution Charge**

Class	Metric	Base Rate	\$ Adjustment	Adj To Base
Residential	kWh	0.012600	- 0.000571	- 0.000571
General Service Less Than 50 kW	kWh	0.016600	0.000000	0.000000
General Service 50 to 4,999 kW	kW	4.475200	0.000000	0.000000
Unmetered Scattered Load	kWh	0.010300	0.003437	0.003437
Street Lighting	kW	6.415300	1.137386	1.137386



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### **Rate Rebalanced Base Distribution Rates**

#### **Monthly Service Charge**

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	Customer -12 per year	13.490000	-0.611128	12.878872
General Service Less Than 50 kW	Customer -12 per year	20.020000	0.000000	20.020000
General Service 50 to 4,999 kW	Customer -12 per year	241.540000	0.000000	241.540000
Unmetered Scattered Load	Customer -12 per year	39.400000	13.148619	52.548619
Street Lighting	Customer -12 per year	1.580000	0.280122	1.860122

#### **Volumetric Distribution Charge**

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	kWh	0.012600	-0.000571	0.012029
General Service Less Than 50 kW	kWh	0.016600	0.000000	0.016600
General Service 50 to 4,999 kW	kW	4.475200	0.000000	4.475200
Unmetered Scattered Load	kWh	0.010300	0.003437	0.013737
Street Lighting	kW	6.415300	1.137386	7.552686



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#### **GDP-IPI Price Cap Adjustment Worksheet**

#### Price Cap Index

Price Escalator (GDP-IPI) 1.30% Less Productivity Factor -0.72% -0.40% Less Stretch Factor 0.18% Price Cap Index



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### **GDP-IPI Price Cap Adjustment to Rates**

Price Cap Adjustment	Price Cap Adjustment					
Metric Applied To	All Customers					
Method of Application	Both Uniform%		Haife Value Observe Basses	0.4000/ 1/10/15		
Uniform Service Charge Percent	0.180%	Uniform Volumetric Charge Percent		0.180% kWh 0.180% kW		
Monthly Service Charge						
Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base	
Residential General Service Less Than 50 kW General Service 50 to 4,999 kW Unmetered Scattered Load Street Lighting	Customer -12 per year Customer -12 per year Customer -12 per year Customer -12 per year Customer -12 per year	241.540000 52.548619	Yes Yes Yes Yes Yes	0.180% 0.180% 0.180% 0.180% 0.180%	0.023182 0.036036 0.434772 0.094588 0.003348	
Volumetric Distribution Charge						
Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base	
Residential General Service Less Than 50 kW	kWh kWh	0.012029 0.016600	Yes Yes	0.180% 0.180%	0.000022 0.000030	
General Service 50 to 4,999 kW	kW	4.475200	Yes	0.180%	0.008055	
Unmetered Scattered Load Street Lighting	kWh kW	0.013737 7.552686	Yes Yes	0.180% 0.180%	0.000025 0.013595	



Name of LDC: File Number:

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### After Price Cap Base Distribution Rates General

#### Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	Customer -12 per year	12.878872	0.023182	12.902054
General Service Less Than 50 kW	Customer -12 per year	20.020000	0.036036	20.056036
General Service 50 to 4,999 kW	Customer -12 per year	241.540000	0.434772	241.974772
Unmetered Scattered Load	Customer -12 per year	52.548619	0.094588	52.643207
Street Lighting	Customer -12 per year	1.860122	0.003348	1.863470

#### Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	kWh	0.012029	0.000022	0.012051
General Service Less Than 50 kW	kWh	0.016600	0.000030	0.016630
General Service 50 to 4,999 kW	kW	4.475200	0.008055	4.483255
Unmetered Scattered Load	kWh	0.013737	0.000025	0.013762
Street Lighting	kW	7.552686	0.013595	7.566281



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**Applied For Smart Meter Funding Adder** 

Rate Adder	Smart Meters				
Tariff Sheet Disclosure	Yes				
Metric Applied To	Metered Customers				
Method of Application	Uniform Service Charge				
Uniform Service Charge Amount	1.33				
Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential General Service Less Than 50 kW General Service 50 to 4,999 kW	Yes Yes Yes	1.330000 1.330000 1.330000	Customer -12 per year Customer -12 per year Customer -12 per year	0.000000 0.000000 0.000000	kWh kWh kW



Name of LDC: Cooperative Hydro Embrun Inc.

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### **Applied For Low Voltage Volumetric Rate**

Rate Description	Low Voltage Volumetric Rate	
Select Tariff Sheet Disclosure	Shown on Tariff Sheet	
Metric Applied To	All Customers	
Method of Application	Distinct Volumetric	
Rate Class		Applied for Low Voltage
Residential	kWh	0.001400
General Service Less Than 50 kW	kWh	0.001300
General Service 50 to 4,999 kW	kW	0.477800
Unmetered Scattered Load	kWh	0.001300
Street Lighting	kW	0.369400



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### **Applied For RTSR - Network**

Method of Application	Distinct Dollar				
Rate Class <b>Residential</b>	Applied to Class				
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kWh	Current Amount 0.005100	% Adjustment 0.000%	\$ Adjustment 0.000784	Final Amount 0.005884
Rate Class General Service Less Than 50 kW	Applied to Class Yes				
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kWh	Current Amount 0.004700	% Adjustment 0.000%	\$ Adjustment 0.000722	Final Amount 0.005422
Rate Class  General Service 50 to 4,999 kW	Applied to Class Yes				
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kW	Current Amount 1.877100	% Adjustment 0.000%	\$ Adjustment 0.288429	Final Amount 2.165529
Rate Class Unmetered Scattered Load	Applied to Class Yes				
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kWh	Current Amount 0.004700	% Adjustment 0.000%	\$ Adjustment 0.000722	Final Amount 0.005422
Rate Class Street Lighting	Applied to Class Yes				
Rate Description Retail Transmission Rate – Network Service Rate	Vol Metric \$/kW	Current Amount 1.415800	% Adjustment 0.000%	\$ Adjustment 0.217547	Final Amount 1.633347



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**Applied For RTSR - Connection** 

Method of Application	Distinct Dollar				
Rate Class  Residential	Applied to Class Yes				
Hooldontial	100				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004600	0.000%	0.000071	0.004671
Rate Class	Applied to Class				
General Service Less Than 50 kW	Yes				
Rate Description	Vol Metric	Current Amount	9/ Adjustment	C Adjustment	Final Amount
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.004100	0.000%	0.000063	0.004163
Rate Class	Applied to Class				
General Service 50 to 4,999 kW	Yes				
	. 55				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.629400	0.000%	1.654392	3.283792
Rate Class	Applied to Class				
Unmetered Scattered Load	Yes				
Poto Description	Vol Metric	Current Amount	9/ Adjustment	€ Adiustment	Final Amount
Rate Description Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	Current Amount 0.004100	0.000%	0.000063	0.004163
Rate Class	Applied to Class				
Street Lighting	Yes				
Sacot Lighting	165				
Rate Description	Vol Metric	Current Amount			
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.259700	0.000%	0.019322	1.279022



Name of LDC: Cooperative Hydro Embrun Inc.

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### microFIT Generator

Rate Class

microFIT Generator

Rate DescriptionFixed MetricRateService Charge\$5.25



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**Applied For Monthly Rates and Charges** 

Rate Class		
Residential		
Rate Description	Metric	Rate
Service Charge	\$	12.90
Service Charge Smart Meters	\$	1.33
Distribution Volumetric Rate Low Voltage Volumetric Rate	\$/kWh \$/kWh	0.0121 0.0014
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$	0.0013 0.25
Rate Class		
General Service Less Than 50 kW		
Date Description	Madria	Dete
Rate Description Service Charge	Metric \$	Rate 20.06
Service Charge Smart Meters	\$	1.33
Distribution Volumetric Rate	\$/kWh	0.0166
Low Voltage Volumetric Rate	\$/kWh	0.0013
Retail Transmission Rate – Network Service Rate Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh \$/kWh	0.0054 0.0042
Wholesale Market Service Rate  Wholesale Market Service Rate	\$/kWh	0.0042
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25
Rate Class		
General Service 50 to 4,999 kW		
Rate Description	Metric	Rate
Service Charge	\$	241.97
Service Charge Smart Meters	\$	1.33
Distribution Volumetric Rate Low Voltage Volumetric Rate	\$/kW \$/kW	4.4833 0.4778
Retail Transmission Rate – Network Service Rate	\$/kW	2.1655
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	3.2838
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$	0.0013 0.25
	•	
Rate Class Unmetered Scattered Load		
Rate Description	Metric	Rate
Service Charge (per Customer) Distribution Volumetric Rate	\$ \$/kWh	52.64 0.0138
Low Voltage Volumetric Rate	\$/kWh	0.0013
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0042
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge Standard Supply Service – Administrative Charge (if applicable)	\$/kWh \$	0.0013 0.25
Rate Class		
Street Lighting		
Peta Description	Motric	Dot-
Rate Description Service Charge	Metric \$	Rate 1.86
Distribution Volumetric Rate	\$/kW	7.5663
Low Voltage Volumetric Rate	\$/kW	0.3694
Retail Transmission Rate – Network Service Rate	\$/kW	1.6333
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW \$/kWh	1.2790
Wholesale Market Service Rate Rural Rate Protection Charge	\$/kWh	0.0052
Standard Supply Service – Administrative Charge (if applicable)	\$	0.0015
- · · · · /		



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# **Current and Applied For Loss Factors**

LOSS FACTORS Current

Total Loss Factor - Secondary Metered Customer < 5,000 kW
Total Loss Factor - Secondary Metered Customer > 5,000 kW
Total Loss Factor - Primary Metered Customer < 5,000 kW
Total Loss Factor - Primary Metered Customer > 5,000 kW

1.0579 n/a 1.0473 n/a



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# Summary of Changes To Service Charge and Distrib



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# Summary of Changes To Tariff Rate Ad

		Volumetric
Residential	(\$)	\$/kWh
Current Tariff Rates Adders	4.00	0.0000
Smart Meters Total Current Tariff Rates Adders	1.33 1.33	0.0000
Total Current Tariff Rates Adders	1.33	0.0000
	Fixed	Volumetric
Residential	(\$)	\$/kWh
Proposed Tariff Rates Adders	(+/	*******
Smart Meters	1.33	0.0000
Total Proposed Tariff Rates Adders	1.33	0.0000
·		
	Fixed	
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.33	0.0000
Total Current Tariff Rates Adders	1.33	0.0000
	Etc.	Mahamata
	Fixed	
General Service Less Than 50 kW	(\$)	\$
Proposed Tariff Rates Adders	4.22	0.0000
Smart Meters Total Proposed Tariff Rates Adders	1.33 1.33	0.0000
Total Proposed Tariff Rates Adders	1.33	0.0000
	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Current Tariff Rates Adders	(Ψ)	Ψ
Smart Meters	1.33	0.0000
Total Current Tariff Rates Adders		
	1.33	0.0000
Total Garrent Tarin Nates Adders	1.33	0.0000
Total Gallett Talli Nates Adders	1.33	0.0000
Total Galletti Tallii Tales Addels		Volumetric
General Service 50 to 4,999 kW		
General Service 50 to 4,999 kW Proposed Tariff Rates Adders	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW Proposed Tariff Rates Adders	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters	Fixed (\$) 1.33 1.33	Volumetric \$ 0.0000 <b>0.0000</b>
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders	Fixed (\$) 1.33 1.33	Volumetric \$ 0.0000 0.0000
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders Unmetered Scattered Load	Fixed (\$) 1.33 1.33	Volumetric \$ 0.0000 <b>0.0000</b>
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders Unmetered Scattered Load	Fixed (\$) 1.33 1.33	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders	Fixed (\$) 1.33 1.33 Fixed (\$) 0.00	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders Total Current Tariff Rates Adders	Fixed (\$) 1.33 1.33 Fixed (\$) 0.00	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders Total Current Tariff Rates Adders  Unmetered Scattered Load	Fixed (\$) 1.33 1.33 Fixed (\$) 0.00	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Total Current Tariff Rates Adders  Unmetered Scattered Load Proposed Tariff Rates Adders	Fixed (\$) 1.33 1.33 Fixed (\$) 0.00	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric 0
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders Total Current Tariff Rates Adders  Unmetered Scattered Load	Fixed (\$)  1.33  1.33  Fixed (\$)  0.00  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$//kWh 0.0000 Volumetric 0
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Total Current Tariff Rates Adders  Unmetered Scattered Load Proposed Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)  0.00  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric 0
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Total Current Tariff Rates Adders  Unmetered Scattered Load Proposed Tariff Rates Adders	Fixed (\$)  1.33 1.33 Fixed (\$)  0.00  Fixed (\$)  0.00	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric 0
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Total Current Tariff Rates Adders  Unmetered Scattered Load Proposed Tariff Rates Adders	Fixed (\$)  1.33 1.33 Fixed (\$)  0.00  Fixed (\$)  0.00	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric 0 0.0000
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Unmetered Scattered Load Unmetered Scattered Load Proposed Tariff Rates Adders Total Proposed Tariff Rates Adders  Street Lighting Current Tariff Rates Adders	Fixed (\$)  1.33 1.33  Fixed (\$)  0.00  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric 0 0.0000
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Total Current Tariff Rates Adders  Unmetered Scattered Load Proposed Tariff Rates Adders Total Proposed Tariff Rates Adders  Total Proposed Tariff Rates Adders  Total Proposed Tariff Rates Adders	Fixed (\$)  1.33 1.33  Fixed (\$)  0.00  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$//kWh 0.0000 Volumetric \$//kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Unmetered Scattered Load Unmetered Scattered Load Proposed Tariff Rates Adders Total Proposed Tariff Rates Adders  Street Lighting Current Tariff Rates Adders	Fixed (\$)  1.33 1.33 Fixed (\$)  0.00  Fixed (\$)  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$//kWh 0.0000 Volumetric \$//kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Unmetered Scattered Load Unmetered Scattered Load Proposed Tariff Rates Adders Total Proposed Tariff Rates Adders  Street Lighting Current Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)  0.00  Fixed (\$)  0.00  Fixed (\$)  0.00	Volumetric \$ 0.0000 0.0000 Volumetric 0 0.0000 Volumetric \$'/kWh 0.0000 Volumetric \$'/kWh 0.0000
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders  Unmetered Scattered Load Current Tariff Rates Adders  Total Current Tariff Rates Adders  Unmetered Scattered Load Proposed Tariff Rates Adders  Total Current Tariff Rates Adders  Total Current Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)  0.00  Fixed (\$)  0.00  Fixed (\$)  0.00  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric \$/kWh 0.0000 Volumetric 0 0.0000 Volumetric \$/kWh 0.0000 Volumetric \$/kWh Volumetric
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders Unmetered Scattered Load Current Tariff Rates Adders Total Current Tariff Rates Adders Unmetered Scattered Load Proposed Tariff Rates Adders Total Current Tariff Rates Adders Street Lighting Current Tariff Rates Adders Total Current Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)  0.00  Fixed (\$)  0.00  Fixed (\$)  0.00	Volumetric \$ 0.0000 0.0000 Volumetric 0 0.0000 Volumetric \$'/kWh 0.0000 Volumetric \$'/kWh 0.0000
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders Unmetered Scattered Load Current Tariff Rates Adders Total Current Tariff Rates Adders Unmetered Scattered Load Proposed Tariff Rates Adders Total Proposed Tariff Rates Adders Street Lighting Current Tariff Rates Adders Total Current Tariff Rates Adders	Fixed (\$)   1.33   1.	Volumetric \$ 0.0000 0.0000 Volumetric 0 0.0000 Volumetric \$/kWh 0.0000 Volumetric \$/kWh 0.0000 Volumetric \$/kWh
General Service 50 to 4,999 kW Proposed Tariff Rates Adders Smart Meters Total Proposed Tariff Rates Adders Unmetered Scattered Load Current Tariff Rates Adders Total Current Tariff Rates Adders Unmetered Scattered Load Proposed Tariff Rates Adders Total Current Tariff Rates Adders Street Lighting Current Tariff Rates Adders Total Current Tariff Rates Adders	Fixed (\$)  1.33  1.33  Fixed (\$)  0.00  Fixed (\$)  0.00  Fixed (\$)  0.00  Fixed (\$)	Volumetric \$ 0.0000 0.0000 Volumetric 0 0.0000 Volumetric \$/kWh 0.0000 Volumetric \$/kWh 0.0000 Volumetric \$/kWh



Name of LDC: Cooperative Hydro Embrun Inc. File Number: EB-2010-0077 Effective Date: Way 1, 2011 Version : 2.0

## **Summary of Changes To Tariff Rate Riders**

Several Part   Seve		Fixed Volumetric
Current Tariff Rates Riders	Residential	
Total Current Tariff Rates Riders		
Fixed   Volumetric		
Residential   (s)   \$/kWh	Total Current Tariff Rates Riders	0.00 0.0004
Residential   S   S/KWh		
Proposed Tariff Rates Riders		Fixed Volumetric
Ebed   Volumetric	Residential	
Fixed Volumetric   Seneral Service Less Than 50 kW   Seneral Service Less Than 50 kW   Seneral Service Less Than 50 kW   Seneral Service Seneral Sen		
General Service Less Than 50 kW   (5) \$/kWh	Total Proposed Tariff Rates Riders	0.00 0.0000
General Service Less Than 50 kW   (5) \$\frac{1}{5} \text{Viv} \text{Current Tariff Rates Riders} \\ \text{Def Var Disp 2010} \\ \text{Dot O.000} \\ DotO000000000000000000000000000000000000		
General Service Less Than 50 kW   (5) \$\frac{1}{5} \text{Viv} \text{Current Tariff Rates Riders} \\ \text{Def Var Disp 2010} \\ \text{Dot O.000} \\ DotO000000000000000000000000000000000000		Fixed Volumetric
Def Var Disp 2010	General Service Less Than 50 kW	
Total Current Tariff Rates Riders		
Fixed   Volumetric		
S   S   Proposed Tariff Rates Riders   S   S   S   Proposed Tariff Rates Riders   S   S   S   S   S   S   S   S   S	Total Current Tariff Rates Riders	0.00 0.0008
S   S   Proposed Tariff Rates Riders   S   S   S   Proposed Tariff Rates Riders   S   S   S   S   S   S   S   S   S		
Proposed Tariff Rates Riders		Fixed Volumetric
Total Proposed Tariff Rates Riders		(\$) \$
Fixed   Volumetric		0.00
Ceneral Service 50 to 4,999 kW	Total Proposed Tariff Rates Riders	0.00 0.0000
Ceneral Service 50 to 4,999 kW		
Current Tariff Rates Riders		Fixed Volumetric
Def Var Disp 2010		
Fixed   Volumetric		
Fixed   Volumetric		
General Service 50 to 4,999 kW   (\$)   \$	Total Current Tariff Rates Riders	0.00 0.5901
General Service 50 to 4,999 kW   (\$)   \$   Proposed Tariff Rates Riders		
Proposed Tariff Rates Riders   0.00   0.0000		Fixed Volumetric
Total Proposed Tariff Rates Riders		(\$) \$
Fixed   Volumetric		0.00
Unmetered Scattered Load	Total Proposed Tariff Rates Riders	0.00
Unmetered Scattered Load		
Current Tariff Rates Riders         0.00         0.0015           Total Current Tariff Rates Riders         0.00         0.0015           Fixed Volumetric           Unmetered Scattered Load         (\$)         0           Proposed Tariff Rates Riders         0.00         0.0000           Total Proposed Tariff Rates Riders         0.00         0.0000           Street Lighting         (\$)         \$\subset{SkWh}\$           Current Tariff Rates Riders         0.00         0.7680           Total Current Tariff Rates Riders         0.00         0.7680           Total Current Tariff Rates Riders         0.00         0.7680           Fixed Volumetric         Street Lighting         (\$)         0           Proposed Tariff Rates Riders         (\$)         0		
Def Var Disp 2010   0.00   0.0015		(\$) \$/kWh
Total Current Tariff Rates Riders		0.00
Fixed   Volumetric		
Unmetered Scattered Load	Total Gallon Tallin Talgo Hadio	3.00
Unmetered Scattered Load		
Proposed Tariff Rates Riders	T	
Total Proposed Tariff Rates Riders		(\$) 0
Fixed   Volumetric		0.00
Street Lighting	Total Topocou Talli Tutoc Tutoc	0.000
Street Lighting		
Current Tariff Rates Riders	T	
Def Var Disp 2010   0.00   0.7680		(\$)   \$/kWh
Total Current Tariff Rates Riders		0.00
Fixed Volumetric		
Street Lighting (\$) 0 Proposed Tariff Rates Riders	•	
Street Lighting (\$) 0 Proposed Tariff Rates Riders		
Proposed Tariff Rates Riders		
	Other All Salations	
	Proposed Tariff Rates Riders	(\$) 0



Name of LDC: Cooperative Hydro Embrun Inc.
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#### Calculation of Bill Impacts

RTSR Loss Adjusted Metered kWh
Yes

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	13.49	12.90
Service Charge Rate Adder(s)	\$	1.33	1.33
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0126	0.0121
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	S/kWh	0.0014	0.0014
Distribution Volumetric Rate Rider(s)	\$/kWh	0.0004	-
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0051	0.0059
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0046	0.0047
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	S/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service - Administration Charge (if applicable)	SKWh	0.25	0.25

600	kWh	Load Factor						
		Load Pactor						
Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
600	0.0650	39.00	600	0.0650	39.00	0.00	0.0%	33.43%
247	0.0750	18.53	247	0.0750	18.53	0.00	0.0%	15.89%
		57.53			57.53	0.00	0.0%	49.32%
1	13.49	13.49	1	12.90	12.90	-0.59	(4.4)%	11.06%
1	1.33	1.33	- 1	1.33	1.33	0.00	0.0%	1.14%
1			-			0.00		0.00%
								8.30%
								0.00%
								0.96%
800	0.0004		800	0.0000				0.00%
								21.46%
847	0.0051	4.32	847	0.0059	5.00	0.68	15.7%	4.29%
847	0.0046		847	0.0047				3.41%
							9.2%	7.70%
							(1.6)%	29.16%
847						0.00	0.0%	3.77%
847						0.00	0.0%	0.94%
847			847					0.29%
1	0.25		-	0.25			0.0%	0.21%
								5.22%
800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.80%
	900 247 1 1 1 1 1 800 800 800 800 800 800 847 847	Volume 8ATE 9500 0 108	Value: RATE CMARGE  000 8,5800 3100  127 0,5070 1155  1 1,102 1155  1 1,102 1155  1 1,103 1155  1 1,	Volume	Volume	Volume	Volume	Volume

Rate Class Threshold Test
Residential

kWh	250	600	800	1.400	2 250
Loss Factor Adjusted kWh	265	635	847		2.381
	200	030	041	1,402	2,301
kW					

En	ergy	

	Load Factor		
Energy			
	Applied For Bill \$ 17.22 \$	41.63 S	57.53 \$ 105.15 \$ 172.
	Current Bill \$ 17.22 \$	41.63 S	57.53 \$ 105.15 \$ 172.
	S Impact S - S	- S	· s · s ·
	% Impact 0.0%	0.0%	0.0% 0.0% 0.
	% of Total Bill 36.8%	46.3%	49.3% 53.4% 55.
Distribution			
	Applied For Bill \$ 17.60 \$	22.33 S	25.03 \$ 33.13 \$ 44)
	Current Bill S 18.42 S	23.46 S	26.34 S 34.98 S 47.
	\$ Impact -\$ 0.82 -\$	1.13 -\$	1.31 -\$ 1.85 -\$ 2)
	% Impact -4.5%	-4.8%	-5.0% -5.3% -5.
	% of Total Bill 37.6%	24.8%	21.5% 16.8% 14.
Retail Transmission			
	Applied For Bill \$ 2.81 \$	6.73 \$	8.98 \$ 15.71 \$ 25.
	Current Bill \$ 2.57 \$	6.16 \$	8.22 \$ 14.38 \$ 23.
	\$ Impact \$ 0.24 \$	0.57 \$	0.76 \$ 1.33 \$ 2.
	% Impact 9.3%	9.3%	9.2% 9.2% 9.
	% of Total Bill 6.0%	7.5%	7.7% 8.0% 8.
Delivery (Distribution and Retail Transmission)			
	Applied For Bill \$ 20.41 \$	29.06 \$	34.01 \$ 48.84 \$ 693
	Current Bill \$ 20.99 \$	29.62 \$	34.56 \$ 49.36 \$ 70.
	\$ Impact -\$ 0.58 -\$	0.56 -\$	0.55 -\$ 0.52 -\$ 0.
	% Impact -2.8%	-1.9%	-1.6% -1.1% -0.
	% of Total Bill 43.6%	32.3%	29.2% 24.8% 22.
Regulatory			
	Applied For Bill \$ 2.08 \$	4.63 \$	6.09 \$ 10.48 \$ 16.
	Current Bill \$ 2.08 \$	4.63 \$	6.09 \$ 10.48 \$ 16.
	\$ Impact S - S	- S	- \$ - \$ -

SST						
ST						
	Applied For Bill \$		10.34 \$	13.42 \$	22.66	\$ 35.7
	Current Bill \$		10.41 \$	13.49 \$	22.72	\$ 35.7



Name of LDC: Cooperative Hy EB-2010-0077

**Cooperative Hydro Embrun Inc.** 

Effective Date:

May 1, 2011

Version: 2.0

# **Current and Applied For Allowances**

**Allowances** Metric Current

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

(1.00)



Cooperative Hydro Embrun Inc. EB-2010-0077 May 1, 2011

#### Current and Applied For Specific Service Charges

Customer Administration	Metric	Current
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	s	15.00
Account history	\$	15.00
Credit reference/credit check (plus credit agency costs)	s	25.00
Returned cheque charge (plus bank charges)	\$	15.00
Legal letter charge	s	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	15.00
Special Billing Service (sub-metering charge per meter)	\$	20.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00
	s	
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Non-Payment of Account	Metric	Current
Late Payment - per month	96	1.50
Late Payment - per annum	96	19.56
Collection of account charge - no disconnection	s	20.00
Collection of account charge - no disconnection - after regular hours	s	50.00
Disconnect/Reconnect at meter - during regular hours	s	25.00
Disconnect/Reconnect at meter - after regular hours	s	50.00
Disconnect/Reconnect at pole - during regular hours	s	185.00
Disconnect/Reconnect at pole - after regular hours	š	415.00
	s	.10.00
	s	

Other	Metric	Current
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 install & remove - overhead - no transformer	\$	500.00
Temporary service install & remove - underground - no transformer	\$	300.00
Temporary service install & remove - overhead - with transformer	\$	1000.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35
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Name of LDC: Cooperative Hydro Embrun Inc. File Number: EB-2010-0077 Effective Date: May 1, 2011

Version: 2.0

# **Current and Applied For Retail Service Charges**

Retail Service Charges (if applicable) Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity	Metric	Current
One-time charge, per retailer, to establish the service agreement between the distributor and the retailer Monthly Fixed Charge, per retailer Monthly Variable Charge, per customer, per retailer Distributor-consolidated billing charge, per customer, per retailer	\$ \$ \$/cust. \$/cust.	100.00 20.00 0.50 0.30
Retailer-consolidated billing credit, per customer, per retailer  Service Transaction Requests (STR)	\$/cust.	(0.30)
Request fee, per request, applied to the requesting party Processing fee, per request, applied to the requesting party	\$ \$	0.25 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 More than twice a year, per request (plus incremental delivery costs)	\$	no charge 2.00



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **LDC Information**

Applicant Name	Cooperative Hydro Embrun Inc.
OEB Application Number	IRM3
LDC Licence Number	ED-2002-0493
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0132



File Number: IRM3 Effective Date: May 1, 2011

Version: 1.0

#### **Table of Contents**

Sheet Name Purpose of Sheet

A1.1 LDC Information Enter LDC Data

A2.1 Table of Contents Table of Contents

B1.1 Re-Based Bill Det & Rates Set Up Rate Classes and enter Re-Based Billing Determinants and Current Tariff Rate

B1.2 Removal of Rate Adders

Removal of Rate Adders

B1.3 Re-Based Rev From Rates

Calculated Current Revenue From Rates

C1.1 Decision Cost Revenue Adjustments by Rate Class

<u>C1.2 Revenue Offsets Allocation</u> Revenue Offsets Allocation

C1.3 Transformer Allowance Transformer Allowance

C1.4 R C Ratio Revenue / Cost Ratio Revenue

<u>C1.5 Proposed R C Ratio Adj</u>

Proposed Revenue / Cost Ratio Adjustment

C1.6 Proposed Revenue | Proposed Revenue | Proposed Revenue | Cost Ratio Adjustment

C1.7 Proposed F V Rev Alloc Proposed Fixed Variable Revenue Allocation

C1.8 Proposed F V Rates Proposed Fixed and Variable Rates

C1.9 Adjust To Proposed Rates Adjustment required to Proposed Rates



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

## Rate Class Selection, Re-Based Billing Determinants & Current Tariff Rates

The purpose of this sheet is to set up the rate classes, enter the re-based billing determinants from your last cost of service application and enter the current service charge and volumetric distribution rates as found on your May 1, 2010 (or subsequent) Tariff of rates and charges.

Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0132

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	1,834	19,657,452		13.49	0.0126	
GSLT50	General Service Less Than 50 kW	Customer	kWh	162	4,976,291		20.02	0.0166	
GSGT50	General Service 50 to 4,999 kW - Interval Metere	Customer	kW	12	4,387,835	12,779	241.54		4.4752
USL	Unmetered Scattered Load	Connection	kWh	20	93,536		39.40	0.0103	
SL	Street Lighting	Connection	kW	407	388,274	1,066	1.58		6.4153
NA	Rate Class 6	NA	NA						
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



File Number: IRM3
Effective Date: May 1, 2011

Version: 1.0

## **Removal of Rate Adders**

The purpose of this sheet is to remove from current tariff rates any rate adders included in rates. Most applicants will not require input on this sheet

Last COS Re-based Year 2010

Last COS OEB Application Number EB-2009-0132

Rate Class	Current Tariff Service Charge A	Current Tariff Distribution Volumetric Rate kWh	Current Tariff Distribution Volumetric Rate kW C	Service Charge Rate Adders D	Distribution Volumetric kWh Rate Adders E	Distribution Volumetric kW Rate Adders F
Residential	13.49	0.0126	0.0000	0.00	0.0000	0.0000
General Service Less Than 50 kW	20.02	0.0166	0.0000	0.00	0.0000	0.0000
General Service 50 to 4,999 kW – Interval Metered	241.54	0.0000	4.4752	0.00	0.0000	0.0000
Unmetered Scattered Load	39.40	0.0103	0.0000	0.00	0.0000	0.0000
Street Lighting	1.58	0.0000	6.4153	0.00	0.0000	0.0000



Cooperative Hydro Embrun Inc. IRM3

Name of LDC: File Number: Effective Date:

Version: 1.0

May 1, 2011

# **Calculated Current Revenue From Rates**

The purpose of this sheet is to calculate current revenue from rate classes

Last COS Re-based Year

2010

**Last COS OEB Application Number** 

EB-2009-0132

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Current Base Service Charge D		Current Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requireme nt from Rates I
Residential	1,834	19,657,452	0	13.49	0.0126	0.0000	296,888	247,684	0	544,572
General Service Less Than 50 kW	162	4,976,291	0	20.02	0.0166	0.0000	38,919	82,606	0	121,525
General Service 50 to 4,999 kW - Interva	al 12	4,387,835	12,779	241.54	0.0000	4.4752	34,782	0	57,189	91,970
Unmetered Scattered Load	20	93,536	0	39.40	0.0103	0.0000	9,456	963	0	10,419
Street Lighting	407	388,274	1,066	1.58	0.0000	6.4153	7,717	0	6,839	14,555
							387,761	331,254	64,027	783,042



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **Decision - Cost Revenue Adjustments by Rate Class**

The purpose of this sheet is to input the Revenue Cost Ratios as determined from column G on Sheet "C1.5 Proposed R C Ratio Adj" of the applicants 2010 IRM3 Supplemental Filing Module or 2010 COS Decision and Order.

Under Direction the applicant can choose "No Change" - no change in that rate class ratio, "Change" - Board ordered change from COS decision, or Rebalance to apply offset adjustments to Decision prescribed rate classes.

		Current	Transition	Transition	Transition	Transition	Transition
Rate Class	Direction	Year	Year 1	Year 2	Year 3	Year 4	Year 5
		2010	2011	2012	2013	2014	2015
Residential	Rebalance	103.00%	tbd	tbd	tbd	tbd	tbd
General Service Less Than 50 kW	No Change	91.00%	91.00%	91.00%	91.00%	91.00%	91.00%
General Service 50 to 4,999 kW - Inte	No Change	121.00%	121.00%	121.00%	121.00%	121.00%	121.00%
Unmetered Scattered Load	Change	51.00%	66.00%	80.00%	80.00%	80.00%	80.00%
Street Lighting	Change	60.00%	70.00%	70.00%	70.00%	70.00%	70.00%



File Number: IRM3

Effective Date: May 1, 2011

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### **Revenue Offsets Allocation**

The purpose of this sheet is to allocate the Revenue Offsets (miscellaneous revenue) found in the last COS to the various rate classes in proportion to the allocation from the Cost Allocation informational filing.

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C= A / B	Allocated Revenue Offsets E = D * C
Residential	29,331	70.90%	29,331
General Service Less Than 50 kW	6,508	15.73%	6,508
General Service 50 to 4,999 kW -			
Interval Metered	3,201	7.74%	3,201
Unmetered Scattered Load	1,403	3.39%	1,403
Street Lighting	928	2.24%	928
	41,371	100.00%	41,371
	B		<u> </u>

Enter revenue offsets as found in Cell F47 on sheet "C1.2 Revenue Offsets Allocation" of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF



File Number: IRM3

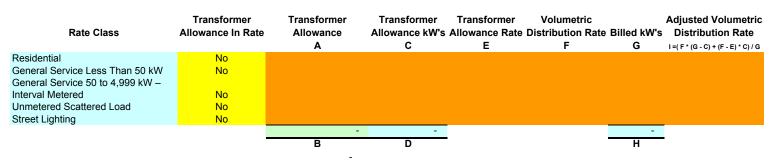
Effective Date: May 1, 2011

Version: 1.0

#### **Transformer Allowance**

The purpose of this sheet is to remove the transformer allowance from volumetric rates. Under Transformer Allowance in Rates select "Yes" if included in that rate class or "No" if not included.

Once selected apply the update button to reveal input cells in which you can input the number of kW's and the transfromer rate for each rate class.



Enter Transformer Allowance as found in Cell E47 on sheet "C1.3 Transformer Allowance" of the 2010 IRM3 Supplemental Filing Module or from 2010 COS RRWF



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

### Revenue / Cost Ratio Revenue

The purpose of this sheet is to calculate revenue by rate class that inlcudes Revenue Offsets and excludes Transformer Allowance prior to Revenue Cost Ratio Adjustment re-allocation.

Rate Class	Billed Customers or Connectio ns A		Billed kW C			n	Base Distributio n Volumetric Rate kW F	Service Charge *12	Distribution Volumetric Rate kWh H = B * E	Distribution Volumetric Rate kW I = C * F	
Residential	1,834	19,657,452	0	0	13.49	0.0126	0.0000	296,88	8 247,684	0	544,572
General Service Less Than 50 kW	162	4,976,291	0	0	20.02	0.0166	0.0000	38,91	9 82,606	0	121,525
General Service 50 to 4,999 kW -											
Interval Metered	12	4,387,835	12,779	0	241.54	0.0000	4.4752	34,78	2 0	57,189	91,970
Unmetered Scattered Load	20	93,536	0	0	39.40	0.0103	0.0000	9,45	6 963	0	10,419
Street Lighting	407	388,274	1,066	0	1.58	0.0000	6.4153	7,71	7 0	6,839	14,555
								387,76	1 331,254	64,027	783,042



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **Proposed Revenue / Cost Ratio Adjustment**

						Proposed					
			<b>Current Revenue</b>			Revenue Cost	Fina	al Adjusted			
Rate Class	Adju	sted Revenue	Cost Ratio	Re-	Allocated Cost	Ratio	F	Revenue		Oollar Change	Percentage Change
		Α	В		C = A / B	D		E = C * D		F = E - C	G = (E / C) - 1
Residential	\$	573,903	1.03	\$	557,187	0.99	\$	549,232	-\$	24,670	-4.3%
General Service Less Than 50 kW	\$	128,033	0.91	\$	140,696	0.91	\$	128,033	\$	0	0.0%
General Service 50 to 4,999 kW - Inte	\$	95,171	1.21	\$	78,654	1.21	\$	95,171	\$	0	0.0%
Unmetered Scattered Load	\$	11,822	0.51	\$	23,181	0.66	\$	15,300	\$	3,477	29.4%
Street Lighting	\$	15,483	0.60	\$	25,806	0.70	\$	18,064	\$	2,581	16.7%
	\$	824,413		\$	825,524		\$	805,801	-\$	18,613	-2.3%

Out of Balance 18,613

Final ? Yes



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **Proposed Revenue from Revenue / Cost Ratio Adjustment**

Rate Class	Re	Adjusted evenue By venue Cost Ratio A	llocated Re- sed Revenue Offsets B	Re fro	Revenue quirement om Rates Before ansformer Ilowance C = A - B	Tran	-based isformer owance D		Req fro	evenue uirement m Rates = C + D
Residential	\$	549,232	\$ 29,331	\$	519,901	\$	-		\$	519,901
General Service Less Than 50 kW	\$	128,033	\$ 6,508	\$	121,525	\$	-		\$	121,525
General Service 50 to 4,999 kW - Inte	\$	95,171	\$ 3,201	\$	91,970	\$	-		\$	91,970
Unmetered Scattered Load	\$	15,300	\$ 1,403	\$	13,897	\$	-		\$	13,897
Street Lighting	\$	18,064	\$ 928	\$	17,136	\$	-		\$	17,136
	\$	805,801	\$ 41,371	\$	764,430	\$	-	,	\$	764,430



Name of LDC: Cooperative Hydro Embrun Inc. File Number: IRM3

May 1, 2011

Effective Date: Version : 1.0

## **Proposed Fixed Variable Revenue Allocation**

				Distribution Volumetric	Distribution Volumetric		1	Distribution Volumetric Distribution Volumetric Revenue Require					
	Re	venue Requirement	Service Charge %	Rate % Revenue	Rate % Revenue	Serv	rice Charge	Rate Revenue		Rate Revenue	fr	om Rates by Rate	
Rate Class	Rate Class from Rates		Revenue	kWh	kW	kW Re		kWh	kWh			Class	
		Α	В	С	D	E	E = A * B	F = A * C		G = A * D		H = E + F + G	
Residential	\$	519,901	54.5%	45.5%	0.0%	\$	283,438	\$ 236,463	\$	-	\$	519,901	
General Service Less Than 50 kW	\$	121,525	32.0%	68.0%	0.0%	\$	38,919	\$ 82,606	\$	-	\$	121,525	
General Service 50 to 4,999 kW - Inte	1\$	91,970	37.8%	0.0%	62.2%	\$	34,782	\$ -	\$	57,189	\$	91,970	
Unmetered Scattered Load	\$	13,897	90.8%	9.2%	0.0%	\$	12,612	\$ 1,285	\$	-	\$	13,897	
Street Lighting	\$	17,136	53.0%	0.0%	47.0%	\$	9,085	\$ -	\$	8,051	\$	17,136	
	\$	764,430				\$	378,835	\$ 320,355	\$	65,240	\$	764,430	



File Number: IRM3

Effective Date: Version : 1.0 May 1, 2011

# **Proposed Fixed and Variable Rates**

Rate Class		rice Charge Revenue A	Distribution Volumetric Rate Revenue kWh B	٧	Distribution /olumetric Rate Revenue kW C	Re-based Billed Customers or Connections D		e-based Billed R kWh E	e-based Billed kW F	Proposed Base Service Charge G = A / D / 12	Proposed Base Distribution Volumetric Rate kWh H = B / E	Proposed Base Distribution Volumetric Rate kW I = C / F
Residential	\$	283,438	\$ 236,463	\$	-	1,834	4	19,657,452	0	12.88	0.0120	-
General Service Less Than 50 kW	\$	38,919	\$ 82,606	\$	-	162	2	4,976,291	0	20.02	0.0166	-
General Service 50 to 4,999 kW - Interv	a \$	34,782	\$ -	\$	57,189	12	2	4,387,835	12,779	241.54	-	4.4752
Unmetered Scattered Load	\$	12,612	\$ 1,285	\$	-	20	0	93,536	0	52.55	0.0137	-
Street Lighting	\$	9,085	\$ -	\$	8,051	407	7	388,274	1,066	1.86	-	7.5527



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **Adjustment required to Proposed Rates**

Rate Class		posed Base vice Charge A	oposed Base Distribution Volumetric Rate kWh B	[	oposed Base Distribution Volumetric Rate kW C		rent Base ice Charge D	Di:	rrent Base stribution olumetric late kWh E	Di V	rrent Base stribution olumetric Rate kW F		Adjustment Required Base Service Charge G = A - D	ı	ljustment Required Base Distribution Ilumetric Rate kWh H = B - E	R	Adjustment equired Base Distribution umetric Rate kW I = C - F
Residential	\$	12.88	\$ 0.0120	\$	-	\$	13.49	\$	0.0126	\$	-	-	\$ 0.61	-\$	0.0006	\$	-
General Service Less Than 50 kW	\$	20.02	\$ 0.0166	\$	-	\$	20.02	\$	0.0166	\$	-		\$ -	\$	-	\$	-
General Service 50 to 4,999 kW - Interva	al\$	241.54	\$ -	\$	4.4752	\$	241.54	\$	-	\$	4.4752		\$ -	\$	-	\$	-
Unmetered Scattered Load	\$	52.55	\$ 0.0137	\$	-	\$	39.40	\$	0.0103	\$	-		\$ 13.15	\$	0.0034	\$	-
Street Lighting	\$	1.86	\$ -	\$	7.5527	\$	1.58	\$	-	\$	6.4153		\$ 0.28	\$	-	\$	1.1374

Enter the above values onto Sheet "D1.X Revenue Cost Ratio Adj" of the 2011 OEB IRM3 Rate Generator.



File Number: EB-2010-0077 Version: 1.0

# **LDC Information**

**Applicant Name**Cooperative Hydro Embrun Inc.

**OEB Application Number** EB-2010-0077

LDC Licence Number ED-2002-0493

**Application Type** IRM3



Name of LDC: File Number: Version : 1.0 Cooperative Hydro Embrun Inc.

EB-2010-0077

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Enter Rate Class And RTSR Rates

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Enter Distributor Billing Determinants

B1.3 UTR's and Sub-Transmission Current and Forecasted UTR's and Hydro One Sub-Transmission Rates

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 Enter Historical Wholesale Transmission

 C1.2 Current Wholesale
 Calculates Current Wholesale Transmission

 C1.3 Forecast Wholesale
 Calculates Forecast Wholesale Transmission

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Calculates the Adjustment for RTSR-Network needed to recover Current Wholesale
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Calculates the Adjustment for RTSR-Network needed to recover Forecast Wholesale
Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesale
Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesale

E1.1 IRM RTSR Adj - Network Calculates the IRM RTSR Adjustment Calculation - Network for Rate Generator

E1.2 IRM RTSR Adj - Connection Calculates the IRM RTSR Adjustment Calculation - Connection for Rate Generator

A2.1 Table of Contents 19/01/2011



File Number: EB-2010-0077

Version: 1.0

### Rate Class And 2010 RTSR Rates

Enter Rate Group and Rate Class in the same order as listed on your current Tariff sheet and Rate Generator.

Enter the RTSR-Network and RTSR-Connection rates as approved on your current Tariff sheet.

Rate Group	Rate Class	Vol Metric	RTSR - Network	RTSR - Connection
,				
RES	Residential	kWh	0.0051	0.0046
GSLT50	General Service Less Than 50 kW	kWh	0.0047	0.0041
GSGT50	General Service 50 to 4,999 kW	kW	1.8771	1.6294
USL	Unmetered Scattered Load	kWh	0.0047	0.0041
SL	Street Lighting	kW	1.4158	1.2597
NA	Rate Class 6	NA		
NA	Rate Class 7	NA		
NA	Rate Class 8	NA		
NA	Rate Class 9	NA		
NA	Rate Class 10	NA		
NA	Rate Class 11	NA		
NA	Rate Class 12	NA		
NA	Rate Class 13	NA		
NA	Rate Class 14	NA		
NA	Rate Class 15	NA		
NA	Rate Class 16	NA		
NA	Rate Class 17	NA		
NA	Rate Class 18	NA		
NA	Rate Class 19	NA		
NA	Rate Class 20	NA		
NA	Rate Class 21	NA		
NA	Rate Class 22	NA		
NA	Rate Class 23	NA		
NA	Rate Class 24	NA		
NA	Rate Class 25	NA		



Name of LDC: File Number:

**Cooperative Hydro Embrun Inc.** 

EB-2010-0077

Version: 1.0

## 2009 Distributor Billing Determinants

Enter the most recently reported RRR billing determinants

Loss Adjusted Metered kWh

Yes

Loss Adjusted Metered kW

No

Rate Class	Vol Metric	Metered kWh I	Metered kW B	Applicable Loss Factor C	Load Factor 730)	Loss Adjusted Billed kWh E = A * C
Residential	kWh	19,949,042	0	1.0579		21,104,092
General Service Less Than 50 kW	kWh	4,298,893	0	1.0579		4,547,799
General Service 50 to 4,999 kW	kW	4,143,840	12,095	1.0579	46.96%	4,383,768
Unmetered Scattered Load	kWh	92,676	0	1.0579		98,042
Street Lighting	kW	351,661	1,018	1.0579	47.35%	372,022
Total		28,836,112	13,113			30,505,723

#### Uniform Transmission and Hydro One Sub-Transmission Rates

Uniform Transmission Rates			e January 2009		ve July 1, 009		e January 2010		ve January 2011
Rate Description	Vol Metric		Rate	F	Rate	ı	Rate		Rate
Network Service Rate	kW	\$	2.57	\$	2.66	\$	2.97	\$	2.97
Line Connection Service Rate	kW	\$	0.70	\$	0.70	\$	0.73	\$	0.73
Transformation Connection Service Rate	kW	\$	1.62	\$	1.57	\$	1.71	\$	1.71
Hydro One Sub-Transmission Rates			ve May 1,		ve May 1, 009		ive May 1, 2010		ive May 1, 2011
Rate Description	Vol Metric	i	Rate	F	Rate	F	Rate		Rate
Network Service Rate	kW	\$	2.01	\$	2.24	\$	2.65	\$	2.65
Line Connection Service Rate	kW	\$	0.50	\$	0.60	\$	0.64	\$	0.64
Transformation Connection Service Rate	kW	\$	1.38	\$	1.39	\$	1.50	\$	1.50
Both Line and Transformation Connection Service Rate	kW	\$	1.88	\$	1.99	\$	2.14	\$	2.14
Hydro One Sub-Transmission Rate Rider 6A			ve May 1, 2008		ve May 1, 009		ive May 1, 2010		ive May 1, 2011
Rate Description	Vol Metric	ı	Rate	F	Rate	F	Rate		Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$	-	\$	-	\$	0.0470	\$	0.0470
RSVA Transmission connection – 4716 – which affects 1586	kW	\$	-	\$	-	-\$	0.0250	-\$	0.0250
RSVA LV – 4750 – which affects 1550	kW	\$	•	\$	-	\$	0.0580	\$	0.0580
RARA 1 – 2252 – which affects 1590	kW	\$	•	\$	-	-\$	0.0750	-\$	0.0750
Hydro One Sub-Transmission Rate Rider 6A	kW	\$	-	\$	•	\$	0.0050	\$	0.0050

B1.3 UTR's and Sub-Transmission 19/01/2011



Name of LDC: File Number: Version: 1.0

Total

Cooperative Hydro Embrun Inc. EB-2010-0077

#### 2009 Historical Wholesale Transmission

Enter billing detail for wholesale transmission for the same reporting period as the billing determinants on sheet B1.2.

Month   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Amount	IESO										
February		N	letwork		Line C	onnec	tion	Transform	ation Co	onnection	Total Line
February	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
March	January		\$ -			\$-			\$ -		\$ -
April May S - S - S - S - S - S - S - S - S - S	February		\$ -			\$-			\$ -		\$ -
May			\$ -			\$-			\$ -		
May	April		\$ -			\$-			\$ -		\$ -
June	· ·		\$ -			\$-			\$ -		
August   S -   S			\$ -			\$-			\$ -		
September	July		\$ -			\$-			\$ -		\$ -
Cotober November   S -     S	August		\$ -			\$-			\$ -		\$ -
Notember   S -     S -   S -       S -     S -     S -     S -     S -       S -     S -       S	September		\$ -			\$-			\$ -		\$ -
Total   S -   S	October		\$ -			\$-			\$ -		\$ -
Hydro One   Network   Units Billed   Rate   Amount   Am	November		\$ -			\$-			\$ -		\$ -
Hydro One   Network   Units Billed Rate   Amount   Amoun	December		\$ -			\$-			\$ -		\$ -
Network   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Amount   Amount   Amount   Amount   Amount   Amount   Units Billed   Rate   Amount	Total		\$ -	\$ -		\$-	\$ -	_	\$ -	\$ -	\$ -
Network   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Amount   Amount			Ψ	Ψ		Ψ	Ψ		Ψ	Ψ	Ψ
Month   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Amount	Hydro One										
January							-				
February   6,326   \$2.01   \$12,715   6,326   \$-   6,326   \$1.88   \$11,893   \$11,893   \$10,919	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
March	January	6,862	\$2.01	\$ 13,793	6,862	\$-		6,862	\$1.88	\$ 12,901	\$ 12,901
April 4,779 \$2.01 \$ 9,606	February	6,326	\$2.01	\$ 12,715	6,326	\$-		6,326	\$1.88	\$ 11,893	\$ 11,893
May	March	5,691	\$2.01	\$ 11,439	5,808	\$-		5,808	\$1.88	\$ 10,919	\$ 10,919
June	April	4,779	\$2.01	\$ 9,606	4,779	\$-		4,779	\$1.88	\$ 8,985	\$ 8,985
July A	May	3,963	\$2.24	\$ 8,877	3,963	\$-		3,963	\$1.99	\$ 7,886	\$ 7,886
August September         6,052         \$2.24         \$13,556         6,052         \$-         6,052         \$1.99         \$12,043         \$12,043           October	June	5,731	\$2.24	\$ 12,837	5,731	\$-		5,731	\$1.99	\$ 11,405	\$ 11,405
September October October         4,428         \$ 2.24         \$ 9,919         4,428         \$ -         4,428         \$ 1.99         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 8,812         \$ 9,391	July	4,839	\$2.24	\$ 10,839	4,839	\$-		4,839	\$1.99	\$ 9,630	\$ 9,630
October November December         4,719 5,464 6,854         \$2.24 \$12,239 6,854         \$10,571 \$12,239 \$13,639         \$4,719 \$1,635 \$10,873 \$10,873 \$10,873 \$10,873           Total         Network Units Billed         Line Connection Rate         Line Transformation Units Billed         Line Transformation Rate         Total Line Amount           January February April	August	6,052	\$2.24	\$ 13,556	6,052	\$-		6,052	\$1.99	\$ 12,043	\$ 12,043
November   December   S,464   \$2.24   \$12,239   S,464   \$-   S,464   \$1.99   \$10,873   \$10,873   \$13,639	September	4,428	\$2.24	\$ 9,919	4,428	\$ -		4,428	\$1.99	\$ 8,812	\$ 8,812
Total    Network   Line Connection   Line Transformation   Total Line Spilled Rate Amount	October	4,719	\$2.24	\$ 10,571	4,719	\$-		4,719	\$1.99		\$ 9,391
Total    Network   Line Connection   Units Billed   Rate   Amount   Amount	November	5,464	\$2.24		5,464	\$-		5,464	\$1.99		\$ 10,873
Total    Network   Line Connection   Units Billed   Rate   Amount   Amount   Amount   Amount   Amount   Amount   Line Transformation   Total Line Amount   Amount   Line Transformation   Amount   Line Transformation   Line Transformation   Amount   Line Transformation   Line Transformat	December	6,854	\$2.24	\$ 15,353	6,854	\$-		6,854	\$1.99	\$ 13,639	\$ 13,639
Network   Units Billed   Rate   Amount   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Amount   Amount   Amount   Amount   Amount   Inits Billed   Rate   Amount   Inits Billed   Rate   Amount   Amount   Amount   Amount   Inits Billed   Rate   Amount   Inits Billed   Rate   Amount   Amount   Inits Billed   Rate   Amount   Inits Billed   Rate   Amount   Amount   Inits Billed   Rate   Inits Billed   Inits	Total	65,708	\$2.16	\$141,745	65,825	\$-	\$ -	65,825	\$1.95	\$128,377	\$128,377
Network   Units Billed   Rate   Amount   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Units Billed   Rate   Amount   Amount   Amount   Amount   Amount   Amount   Inits Billed   Rate   Amount   Inits Billed   Rate   Amount   Amount   Amount   Amount   Inits Billed   Rate   Amount   Inits Billed   Rate   Amount   Amount   Inits Billed   Rate   Amount   Inits Billed   Rate   Amount   Amount   Inits Billed   Rate   Inits Billed   Inits											
Month         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Amount         Amount         Amount         Amount           January         6,862         \$2.01         \$ 13,793         6,862         \$ -         6,862         \$ 1.88         \$ 12,901         \$ 12,901           February         6,326         \$2.01         \$ 12,715         6,326         \$ -         6,326         \$ 1.88         \$ 11,893         \$ 11,893           March         5,691         \$2.01         \$ 11,439         5,808         \$ -         5,808         \$ 1.88         \$ 10,919	lotai		lotwork		Line C	onnoc	tion	Line Tr	aneforn	nation	Total Line
January 6,862 \$2.01 \$ 13,793 6,862 \$- \$ - 6,862 \$1.88 \$ 12,901 \$ 12,901 February 6,326 \$2.01 \$ 12,715 6,326 \$- \$ - 6,326 \$1.88 \$ 11,893 \$ 11,893 March 5,691 \$2.01 \$ 11,439 5,808 \$- \$ - 5,808 \$1.88 \$ 10,919 \$ 10,919 April 4,779 \$2.01 \$ 9,606 4,779 \$- \$ - 4,779 \$1.88 \$ 8,985 \$ 8,985 May 3,963 \$2.24 \$ 8,877 3,963 \$- \$ - 3,963 \$1.99 \$ 7,886 \$ 7,886 June 5,731 \$2.24 \$ 12,837 5,731 \$- \$ - 5,731 \$1.99 \$ 11,405 \$ 11,405 July 4,839 \$2.24 \$ 10,839 4,839 \$- \$ - 4,839 \$1.99 \$ 9,630 \$ 9,630 August 6,052 \$2.24 \$ 13,556 6,052 \$- \$ - 6,052 \$1.99 \$ 12,043 \$ 12,043 \$ 2,044 \$ 2,044 \$ 2,045 \$ 1,0571 \$ 4,719 \$- \$ - 4,719 \$1.99 \$ 9,391 \$ 9,391 November 5,464 \$2.24 \$ 12,239 5,464 \$- \$ - 5,464 \$1.99 \$ 10,873 \$ 10,873	Month	-									
February         6,326         \$2.01         \$12,715         6,326         \$-         6,326         \$1.88         \$11,893         \$11,893           March         5,691         \$2.01         \$11,439         5,808         \$-         5,808         \$1.88         \$10,919         \$10,919           April         4,779         \$2.01         \$9,606         4,779         \$-         4,779         \$1.88         \$8,985         \$8,985           May         3,963         \$2.24         \$8,877         3,963         \$-         5,731         \$1.99         \$7,886         \$7,886           June         5,731         \$2.24         \$12,837         5,731         \$-         5,731         \$1.99         \$11,405         \$12,043         \$12,043         \$12,043         \$12,043         \$12,043         \$12,043         \$12,043	World	Offics Billed	Nate	Amount	Onits Billed	Nate	Amount	Offics Billed	Nate	Amount	Alliount
March         5,691         \$2.01         \$ 11,439         5,808         \$ -         5,808         \$ 1.88         \$ 10,919         \$ 10,919           April         4,779         \$2.01         \$ 9,606         4,779         \$ -         4,779         \$ 1.88         \$ 8,985         \$ 8,985           May         3,963         \$ 2.24         \$ 8,877         3,963         \$ -         3,963         \$ 1.99         \$ 7,886         \$ 7,886           June         5,731         \$ 2.24         \$ 12,837         5,731         \$ -         5,731         \$ 1.99         \$ 11,405         \$ 11,405           July         4,839         \$ 2.24         \$ 10,839         4,839         \$ -         4,839         \$ 1.99         \$ 12,043         \$ 12,043           August         6,052         \$ 2.24         \$ 13,556         6,052         \$ -         6,052         \$ 1.99         \$ 12,043         \$ 12,043           September         4,428         \$ 2.24         \$ 10,571         4,719         \$ -         4,719         \$ 1.99         \$ 9,391         \$ 9,391           November         5,464         \$ 2.24         \$ 12,239         5,464         \$ -         5,464         \$ 1.99         \$ 10,873         \$ 10,873 </td <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td></td> <td></td> <td></td>	•							,			
April       4,779       \$2.01       \$ 9,606       4,779       \$-       \$-       4,779       \$1.88       \$ 8,985       \$ 8,985         May       3,963       \$2.24       \$ 8,877       3,963       \$-       \$-       3,963       \$1.99       \$ 7,886       \$ 7,886         June       5,731       \$2.24       \$ 12,837       5,731       \$-       \$-       5,731       \$1.99       \$ 11,405       \$ 11,405         July       4,839       \$2.24       \$ 10,839       4,839       \$-       \$-       4,839       \$ 1.99       \$ 9,630       \$ 9,630         August       6,052       \$2.24       \$ 13,556       6,052       \$-       \$-       6,052       \$ 1.99       \$ 12,043       \$ 12,043         September       4,428       \$2.24       \$ 9,919       4,428       \$-       \$-       4,719       \$ 1.99       \$ 8,812       \$ 8,812         October       4,719       \$2.24       \$ 10,571       4,719       \$-       \$ 4,719       \$ 1.99       \$ 9,391       \$ 9,391         November       5,464       \$ 2.24       \$ 12,239       5,464       \$-       \$ 5,464       \$ 1.99       \$ 10,873       \$ 10,873											
May     3,963     \$2.24     \$8,877     3,963     \$-     3,963     \$1.99     \$7,886     \$7,886       June     5,731     \$2.24     \$12,837     5,731     \$-     5,731     \$1.99     \$11,405     \$11,405       July     4,839     \$2.24     \$10,839     4,839     \$-     \$-     4,839     \$1.99     \$9,630     \$9,630       August     6,052     \$2.24     \$13,556     6,052     \$-     6,052     \$1.99     \$1,043     \$12,043       September     4,428     \$2.24     \$9,919     4,428     \$-     4,428     \$1.99     \$8,812     \$8,812       October     4,719     \$2.24     \$10,571     4,719     \$-     4,719     \$1.99     \$9,391     \$9,391       November     5,464     \$2.24     \$12,239     5,464     \$-     5,464     \$1.99     \$10,873     \$10,873											
June     5,731     \$2.24     \$12,837     5,731     \$-     5,731     \$1.99     \$11,405     \$11,405       July     4,839     \$2.24     \$10,839     4,839     \$-     4,839     \$1.99     \$9,630     \$9,630       August     6,052     \$2.24     \$13,556     6,052     \$-     6,052     \$1.99     \$12,043     \$12,043       September     4,428     \$2.24     \$9,919     4,428     \$-     4,428     \$1.99     \$8,812     \$8,812       October     4,719     \$2.24     \$10,571     4,719     \$-     4,719     \$1.99     \$9,391     \$9,391       November     5,464     \$2.24     \$12,239     5,464     \$-     5,464     \$1.99     \$10,873     \$10,873	•										
July     4,839     \$2.24     \$10,839     4,839     \$-     4,839     \$1.99     \$9,630     \$9,630       August     6,052     \$2.24     \$13,556     6,052     \$-     6,052     \$1.99     \$12,043     \$12,043       September     4,428     \$2.24     \$9,919     4,428     \$-     4,428     \$1.99     \$8,812     \$8,812       October     4,719     \$2.24     \$10,571     4,719     \$-     4,719     \$1.99     \$9,391     \$9,391       November     5,464     \$2.24     \$12,239     5,464     \$-     5,464     \$1.99     \$10,873     \$10,873	•										
August     6,052     \$ 2.24     \$ 13,556     6,052     \$ -     6,052     \$ 1.99     \$ 12,043     \$ 12,043       September     4,428     \$ 2.24     \$ 9,919     4,428     \$ -     4,428     \$ 1.99     \$ 8,812     \$ 8,812       October     4,719     \$ 2.24     \$ 10,571     4,719     \$ -     4,719     \$ 1.99     \$ 9,391     \$ 9,391       November     5,464     \$ 2.24     \$ 12,239     5,464     \$ -     5,464     \$ 1.99     \$ 10,873     \$ 10,873			•	, , , , ,							, , , , ,
September       4,428       \$2.24       \$9,919       4,428       \$-       4,428       \$1.99       \$8,812       \$8,812         October       4,719       \$2.24       \$10,571       4,719       \$-       4,719       \$1.99       \$9,391       \$9,391         November       5,464       \$2.24       \$12,239       5,464       \$-       5,464       \$1.99       \$10,873       \$10,873	July	4,839	\$2.24		4,839			4,839	\$1.99		
October     4,719     \$2.24     \$ 10,571     4,719     \$-     4,719     \$1.99     \$ 9,391     \$ 9,391       November     5,464     \$2.24     \$ 12,239     5,464     \$-     5,464     \$1.99     \$ 10,873     \$ 10,873	August		•						\$1.99		. ,
November 5,464 \$2.24 \$ 12,239 5,464 \$- \$ - 5,464 \$1.99 \$ 10,873 \$ 10,873	•	,						4,428			
	October	4,719	\$2.24		4,719	\$-	\$ -	4,719	\$1.99		\$ 9,391
December 6.854 \$ 2.24 \$ 15.353 6.854 \$ \$ 6.854 \$ 1.00 \$ 12.620 \$ 12.620	November	5,464	\$2.24		5,464	\$-	\$ -	5,464	\$1.99		\$ 10,873
December 0,004 \$ 13,000 0,004 \$ - \$ - 0,004 \$ 1.39 \$ 13,000 \$ 13,000	December	6,854	\$2.24	\$ 15,353	6,854	\$-	\$ -	6,854	\$1.99	\$ 13,639	\$ 13,639

65,825 \$-

\$ -

65,708 \$2.16 \$141,745

\$128,377

65,825 \$1.95 \$128,377



Name of LDC: File Number: Version : 1.0

Cooperative Hydro Embrun Inc. EB-2010-0077

#### **Current Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when current 2010 UTR rates are applied against historical (2009) transmission units.

		Network			Line	Connection	on		Transformation Connection				on	Tota	al Line
Month	Units Billed	Rate	Amour	nt	Units Billed	Rate	Am	ount	,	Units Billed	Rate	Amo	ount	An	nount
January	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
February	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
March	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
April	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
May	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
June	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
July	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
August	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
September	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
October	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
November	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
December	-	\$2.9700	\$ -		-	\$0.7300	\$	-		-	\$1.7100	\$	-	\$	-
Total	-	\$ -	\$ -		-	\$ -	\$	-		-	\$ -	\$	-	\$	-

#### **Hydro One**

,										
		Network		Line	Connecti	on	Line T	ransforma	ition	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
		Hydro One Rat d Sub-Transmis			Hydro One Rate Sub-Transmiss					
January	6,862	\$2.6970	\$ 18,507	6,862	\$0.6150	\$ 4,220	6,862	\$1.5000	\$10,293	\$ 14,513
February	6,326	\$2.6970	\$ 17,061	6,326	\$0.6150	\$ 3,890	6,326	\$1.5000	\$ 9,489	\$ 13,379
March	5,691	\$2.6970	\$ 15,349	5,808	\$0.6150	\$ 3,572	5,808	\$1.5000	\$ 8,712	\$ 12,284
April	4,779	\$2.6970	\$ 12,889	4,779	\$0.6150	\$ 2,939	4,779	\$1.5000	\$ 7,169	\$ 10,108
May	3,963	\$2.6970	\$ 10,688	3,963	\$0.6150	\$ 2,437	3,963	\$1.5000	\$ 5,945	\$ 8,382
June	5,731	\$2.6970	\$ 15,457	5,731	\$0.6150	\$ 3,525	5,731	\$1.5000	\$ 8,597	\$ 12,121
July	4,839	\$2.6970	\$ 13,051	4,839	\$0.6150	\$ 2,976	4,839	\$1.5000	\$ 7,259	\$ 10,234
August	6,052	\$2.6970	\$ 16,322	6,052	\$0.6150	\$ 3,722	6,052	\$1.5000	\$ 9,078	\$ 12,800
September	4,428	\$2.6970	\$ 11,942	4,428	\$0.6150	\$ 2,723	4,428	\$1.5000	\$ 6,642	\$ 9,365
October	4,719	\$2.6970	\$ 12,727	4,719	\$0.6150	\$ 2,902	4,719	\$1.5000	\$ 7,079	\$ 9,981
November	5,464	\$2.6970	\$ 14,736	5,464	\$0.6150	\$ 3,360	5,464	\$1.5000	\$ 8,196	\$ 11,556
December	6,854	\$2.6970	\$ 18,485	6,854	\$0.6150	\$ 4,215	6,854	\$1.5000	\$10,281	\$ 14,496
Total	65,708	\$2.6970	\$177,214	65,825	\$0.6150	\$40,482	65,825	\$1.5000	\$98,738	\$139,220

#### Total

· ota:													
		Network		Line	Connection	on		Lin	e T	ransforma	tion	1 [	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amo	unt	Units Bil	led	Rate	Amount	-	Amount
January	6.862	\$2.6970	\$ 18.507	6.862	\$0.6150	\$ 4.2	20	6.8	62	\$1.5000	\$10.293		\$ 14.513
February	6,326	\$2.6970	\$ 17,061	6,326	\$0.6150	\$ 3,8		6,3		\$1.5000	\$ 9,489		\$ 13,379
March	5,691	\$2.6970	\$ 15,349	5,808	\$0.6150	\$ 3,5	72	5,8	80	\$1.5000	\$ 8,712		\$ 12,284
April	4,779	\$2.6970	\$ 12,889	4,779	\$0.6150	\$ 2,9	939	4,7	79	\$1.5000	\$ 7,169		\$ 10,108
May	3,963	\$2.6970	\$ 10,688	3,963	\$0.6150	\$ 2,4	137	3,9	63	\$1.5000	\$ 5,945		\$ 8,382
June	5,731	\$2.6970	\$ 15,457	5,731	\$0.6150	\$ 3,5	525	5,7	31	\$1.5000	\$ 8,597		\$ 12,121
July	4,839	\$2.6970	\$ 13,051	4,839	\$0.6150	\$ 2,9	976	4,8	39	\$1.5000	\$ 7,259		\$ 10,234
August	6,052	\$2.6970	\$ 16,322	6,052	\$0.6150	\$ 3,7	722	6,0	52	\$1.5000	\$ 9,078		\$ 12,800
September	4,428	\$2.6970	\$ 11,942	4,428	\$0.6150	\$ 2,7	23	4,4	28	\$1.5000	\$ 6,642		\$ 9,365
October	4,719	\$2.6970	\$ 12,727	4,719	\$0.6150	\$ 2,9	902	4,7	19	\$1.5000	\$ 7,079		\$ 9,981
November	5,464	\$2.6970	\$ 14,736	5,464	\$0.6150	\$ 3,3	360	5,4	64	\$1.5000	\$ 8,196		\$ 11,556
December	6,854	\$2.6970	\$ 18,485	6,854	\$0.6150	\$ 4,2	215	6,8	54	\$1.5000	\$10,281		\$ 14,496
												_	
Total	65,708	\$2.6970	\$177,214	65,825	\$0.6150	\$40,4	182	65,8	25	\$1.5000	\$98,738		\$139,220



Name of LDC: File Number: Version: 1.0

Cooperative Hydro Embrun Inc. EB-2010-0077

#### **Forecast Wholesale Transmission**

The purpose of this sheet is to calculate the expected billing when forecasted 2011 UTR rates are applied against historical (2009) transmission units.

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		Network		Line Connection					Transform	ation Con	nect	ion	Tot	al Line
Month	Units Billed	Rate	Amou	nt	Units Billed	Rate	Am	ount	Units Billed	Rate	Am	ount	Ar	nount
January	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
February	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
March	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
April	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
May	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
June	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
July	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
August	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
September	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
October	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
November	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
December	-	\$2.9700	\$ -		-	\$0.7300	\$	-	-	\$1.7100	\$	-	\$	-
Total	-	\$ -	\$ -		-	\$ -	\$	-	-	\$ -	\$	-	\$	-

#### **Hydro One**

•		Network		Line	Connecti	on	Line T	ransforma	ition	Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
		Hydro One Rat d Sub-Transmis			Hydro One Rate Sub-Transmiss					
January	6,862	\$2.6970	\$ 18,507	6,862	\$0.6150	\$ 4,220	6,862	\$1.5000	\$10,293	\$ 14,513
February	6,326	\$2.6970	\$ 17,061	6,326	\$0.6150	\$ 3,890	6,326	\$1.5000	\$ 9,489	\$ 13,379
March	5,691	\$2.6970	\$ 15,349	5,808	\$0.6150	\$ 3,572	5,808	\$1.5000	\$ 8,712	\$ 12,284
April	4,779	\$2.6970	\$ 12,889	4,779	\$0.6150	\$ 2,939	4,779	\$1.5000	\$ 7,169	\$ 10,108
May	3,963	\$2.6970	\$ 10,688	3,963	\$0.6150	\$ 2,437	3,963	\$1.5000	\$ 5,945	\$ 8,382
June	5,731	\$2.6970	\$ 15,457	5,731	\$0.6150	\$ 3,525	5,731	\$1.5000	\$ 8,597	\$ 12,121
July	4,839	\$2.6970	\$ 13,051	4,839	\$0.6150	\$ 2,976	4,839	\$1.5000	\$ 7,259	\$ 10,234
August	6,052	\$2.6970	\$ 16,322	6,052	\$0.6150	\$ 3,722	6,052	\$1.5000	\$ 9,078	\$ 12,800
September	4,428	\$2.6970	\$ 11,942	4,428	\$0.6150	\$ 2,723	4,428	\$1.5000	\$ 6,642	\$ 9,365
October	4,719	\$2.6970	\$ 12,727	4,719	\$0.6150	\$ 2,902	4,719	\$1.5000	\$ 7,079	\$ 9,981
November	5,464	\$2.6970	\$ 14,736	5,464	\$0.6150	\$ 3,360	5,464	\$1.5000	\$ 8,196	\$ 11,556
December	6,854	\$2.6970	\$ 18,485	6,854	\$0.6150	\$ 4,215	6,854	\$1.5000	\$10,281	\$ 14,496
Total	65,708	\$2.6970	\$177,214	65,825	\$0.6150	\$40,482	65,825	\$1.5000	\$98,738	\$139,220

#### Total

	Network			Line	Connection	on		Line T	Total Line			
Units Billed	Rate	Amount		Units Billed	Rate	Amount	,	Units Billed	Rate	Amount	_	Amount
6,862	\$2.6970	\$ 18,507		6,862	\$0.6150	\$ 4,220		6,862	\$1.5000	\$10,293	\$	14,513
6,326	\$2.6970	\$ 17,061		6,326	\$0.6150	\$ 3,890		6,326	\$1.5000	\$ 9,489	9	13,379
5,691	\$2.6970	\$ 15,349		5,808	\$0.6150	\$ 3,572		5,808	\$1.5000	\$ 8,712	9	12,284
4,779	\$2.6970	\$ 12,889		4,779	\$0.6150	\$ 2,939		4,779	\$1.5000	\$ 7,169	9	10,108
3,963	\$2.6970	\$ 10,688		3,963	\$0.6150	\$ 2,437		3,963	\$1.5000	\$ 5,945	9	8,382
5,731	\$2.6970	\$ 15,457		5,731	\$0.6150	\$ 3,525		5,731	\$1.5000	\$ 8,597	9	12,121
4,839	\$2.6970	\$ 13,051		4,839	\$0.6150	\$ 2,976		4,839	\$1.5000	\$ 7,259	9	10,234
6,052	\$2.6970	\$ 16,322		6,052	\$0.6150	\$ 3,722		6,052	\$1.5000	\$ 9,078	9	12,800
4,428	\$2.6970	\$ 11,942		4,428	\$0.6150	\$ 2,723		4,428	\$1.5000	\$ 6,642	9	9,365
4,719	\$2.6970	\$ 12,727		4,719	\$0.6150	\$ 2,902		4,719	\$1.5000	\$ 7,079	9	9,981
5,464	\$2.6970	\$ 14,736		5,464	\$0.6150	\$ 3,360		5,464	\$1.5000	\$ 8,196	9	11,556
6,854	\$2.6970	\$ 18,485		6,854	\$0.6150	\$ 4,215		6,854	\$1.5000	\$10,281	9	14,496
65,708	\$2.6970	\$177,214		65,825	\$0.6150	\$40,482		65,825	\$1.5000	\$98,738	9	139,220
	Units Billed 6,862 6,326 5,691 4,779 3,963 5,731 4,839 6,052 4,428 4,719 5,464 6,854	6,862 \$2.6970 6,326 \$2.6970 5,691 \$2.6970 4,779 \$2.6970 5,731 \$2.6970 4,839 \$2.6970 6,052 \$2.6970 4,428 \$2.6970 4,719 \$2.6970 5,464 \$2.6970 6,854 \$2.6970	Units Billed         Rate         Amount           6,862         \$2.6970         \$ 18,507           6,326         \$2.6970         \$ 17,061           5,691         \$2.6970         \$ 15,349           4,779         \$2.6970         \$ 10,688           5,731         \$2.6970         \$ 10,688           5,731         \$2.6970         \$ 13,051           6,052         \$2.6970         \$ 16,322           4,428         \$2.6970         \$ 11,942           4,719         \$2.6970         \$ 12,727           5,464         \$2.6970         \$ 14,736           6,854         \$2.6970         \$ 18,485	Units Billed Rate Amount  6,862 \$2.6970 \$ 18,507 6,326 \$2.6970 \$ 17,061 5,691 \$2.6970 \$ 12,889 3,963 \$2.6970 \$ 10,688 5,731 \$2.6970 \$ 15,457 4,839 \$2.6970 \$ 13,051 6,052 \$2.6970 \$ 16,322 4,428 \$2.6970 \$ 11,942 4,719 \$2.6970 \$ 12,727 5,464 \$2.6970 \$ 14,736 6,854 \$2.6970 \$ 18,485	Units Billed         Rate         Amount         Units Billed           6,862         \$2.6970         \$ 18,507         6,862           6,326         \$2.6970         \$ 17,061         6,326           5,691         \$2.6970         \$ 15,349         5,808           4,779         \$2.6970         \$ 12,889         4,779           3,963         \$2.6970         \$ 10,688         3,963           5,731         \$2.6970         \$ 15,457         5,731           4,839         \$2.6970         \$ 13,051         4,839           6,052         \$2.6970         \$ 16,322         6,052           4,428         \$2.6970         \$ 11,942         4,428           4,719         \$2.6970         \$ 12,727         4,719           5,464         \$2.6970         \$ 14,736         5,464           6,854         \$2.6970         \$ 18,485         6,854	Units Billed         Rate         Amount         Units Billed         Rate           6,862         \$2.6970         \$ 18,507         6,862         \$0.6150           6,326         \$2.6970         \$ 17,061         6,326         \$0.6150           5,691         \$2.6970         \$ 15,349         5,808         \$0.6150           4,779         \$2.6970         \$ 10,688         3,963         \$0.6150           3,963         \$2.6970         \$ 15,457         5,731         \$0.6150           4,839         \$2.6970         \$ 13,051         4,839         \$0.6150           6,052         \$2.6970         \$ 16,322         6,052         \$0.6150           4,428         \$2.6970         \$ 11,942         4,428         \$0.6150           4,719         \$2.6970         \$ 12,727         4,719         \$0.6150           5,464         \$2.6970         \$ 14,736         5,464         \$0.6150           6,854         \$2.6970         \$ 18,485         6,854         \$0.6150	Units Billed         Rate         Amount         Units Billed         Rate         Amount           6,862         \$2.6970         \$ 18,507         6,326         \$0.6150         \$ 4,220           6,326         \$2.6970         \$ 17,061         6,326         \$0.6150         \$ 3,890           5,691         \$2.6970         \$ 12,889         5,808         \$0.6150         \$ 2,939           3,963         \$2.6970         \$ 10,688         3,963         \$0.6150         \$ 2,939           5,731         \$2.6970         \$ 15,457         5,731         \$0.6150         \$ 2,437           4,839         \$2.6970         \$ 13,051         4,839         \$0.6150         \$ 2,976           6,052         \$2.6970         \$ 16,322         6,052         \$0.6150         \$ 3,722           4,428         \$2.6970         \$ 11,942         4,428         \$0.6150         \$ 2,723           4,719         \$2.6970         \$ 12,727         4,719         \$0.6150         \$ 2,902           5,464         \$2.6970         \$ 14,736         5,464         \$0.6150         \$ 3,360           6,854         \$2.6970         \$ 14,736         6,854         \$0.6150         \$ 4,215	Units Billed         Rate         Amount         Units Billed         Rate         Amount           6,862         \$2.6970         \$ 18,507         6,862         \$0.6150         \$ 4,220           6,326         \$2.6970         \$ 17,061         6,326         \$0.6150         \$ 3,890           5,691         \$2.6970         \$ 15,349         5,808         \$0.6150         \$ 2,939           4,779         \$2.6970         \$ 10,688         3,963         \$0.6150         \$ 2,939           3,963         \$2.6970         \$ 15,457         5,731         \$0.6150         \$ 2,437           4,839         \$2.6970         \$ 13,051         4,839         \$0.6150         \$ 2,976           6,052         \$2.6970         \$ 16,322         6,052         \$0.6150         \$ 3,722           4,428         \$2.6970         \$ 11,942         4,428         \$0.6150         \$ 2,723           4,719         \$2.6970         \$ 12,727         4,719         \$0.6150         \$ 2,902           5,464         \$2.6970         \$ 14,736         5,464         \$0.6150         \$ 3,360           6,854         \$2.6970         \$ 18,485         6,854         \$ 0.6150         \$ 4,215	Units Billed         Rate         Amount         Units Billed           6,862         \$2.6970         \$18,507         6,862         \$0.6150         \$4,220         6,862         6,862         5,6150         \$3,890         6,326         5,601         \$2,6970         \$15,349         5,808         \$0.6150         \$3,572         5,808         4,779         \$0.6150         \$2,939         4,779         3,963         \$2,6970         \$10,688         3,963         \$0.6150         \$2,437         3,963         5,731         \$2,6970         \$15,457         5,731         \$0.6150         \$2,437         3,963         5,731         \$2,6970         \$13,051         4,839         \$0.6150         \$2,976         4,839         \$0.6150         \$3,722         6,052         4,428         \$2,6970         \$16,322         6,052         \$0.6150         \$3,722         6,052         4,428         \$2,6970         \$11,942         4,428         \$0.6150         \$2,723         4,428         4,719         \$2,6970         \$12,727         4,719         \$0.6150         \$2,902         4,719	Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate           6,862         \$2.6970         \$ 18,507         6,862         \$0.6150         \$ 4,220         6,862         \$1.5000           6,326         \$2.6970         \$ 17,061         6,326         \$0.6150         \$ 3,890         6,326         \$1.5000           4,779         \$2.6970         \$ 12,889         4,779         \$0.6150         \$ 2,939         4,779         \$1.5000           3,963         \$2.6970         \$ 10,688         3,963         \$0.6150         \$ 2,437         3,963         \$1.5000           5,731         \$2.6970         \$ 15,457         5,731         \$0.6150         \$ 2,939         4,779         \$1.5000           4,839         \$2.6970         \$ 16,322         6,052         \$2.976         4,839         \$1.5000           4,428         \$2.6970         \$ 11,942         4,428         \$0.6150         \$ 3,722         6,052         \$1.5000           4,719         \$2.6970         \$ 11,942         4,428         \$0.6150         \$ 2,723         4,428         \$1.5000           4,719         \$2.6970	Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount           6,862         \$2.6970         \$ 18,507         6,862         \$0.6150         \$ 4,220         6,862         \$1.5000         \$10,293           6,326         \$2.6970         \$ 17,061         6,326         \$0.6150         \$ 3,890         6,326         \$1.5000         \$ 9,489           5,691         \$2.6970         \$ 15,349         5,808         \$0.6150         \$ 2,939         4,779         \$1.5000         \$ 8,712           4,779         \$2.6970         \$ 10,688         3,963         \$0.6150         \$ 2,939         4,779         \$1.5000         \$ 7,169           3,963         \$2.6970         \$ 15,457         5,731         \$0.6150         \$ 2,437         3,963         \$1.5000         \$ 5,945           5,731         \$2.6970         \$ 15,457         5,731         \$0.6150         \$ 2,939         4,779         \$1.5000         \$ 8,597           4,839         \$2.6970         \$ 13,051         4,839         \$0.6150         \$ 2,976         4,839         \$1.5000         \$ 7,259           6,052         \$2.6970         \$ 11,942         4,428         \$0.615	Units Billed         Rate         Amount         Units Billed         Rate         Amount         Units Billed         Rate         Amount           6,862         \$2,6970         \$ 18,507         6,862         \$0.6150         \$ 4,220         6,862         \$1,5000         \$10,293         \$ 5,691         \$2,6970         \$15,349         5,808         \$0.6150         \$ 3,890         6,326         \$1,5000         \$ 9,489         \$ 7,79         \$2,6970         \$12,889         4,779         \$0.6150         \$ 2,939         4,779         \$1,5000         \$ 7,169         \$ 3,963         \$2,6970         \$ 10,688         3,963         \$0.6150         \$ 2,437         3,963         \$1,5000         \$ 5,945         \$ 5,731         \$2,6970         \$ 15,457         5,731         \$0.6150         \$ 2,437         3,963         \$1,5000         \$ 5,945         \$ 5,731         \$1,5000         \$ 5,945         \$ 5,731         \$1,5000         \$ 5,945         \$ 5,731         \$1,5000         \$ 7,259         \$ 6,052         \$0.6150         \$ 2,976         \$ 4,839         \$1,5000         \$ 7,259         \$ 6,052         \$0.6150         \$ 3,722         \$ 6,052         \$1,5000         \$ 7,259         \$ 6,052         \$0.6150         \$ 3,722         \$ 6,052         \$1,5000         \$ 7,079



Name of LDC: File Number: Version : 1.0 Cooperative Hydro Embrun Inc.

EB-2010-0077

#### **Adjust RTSR-Network to Current Network Wholesale**

The purpose of this sheet is to re-align current RTSR-Network to recover current wholesale Network costs.

Rate Class	Vol Metric	N	ent RTSR - letwork	Loss Adjusted Billed kWh  (B) Column O Sheet B1.2	Billed kW	led Amount	Billed Amount %	Cur	rent Wholesale Billing (H) = (G) * (F)	Ň	sted RTSR - letwork
Residential	kWh	\$	0.0051	21,104,092	0	\$ 107,631	70.07%	\$	124.169	\$	0.0059
General Service Less Than 50 kW	kWh	\$	0.0047	4,547,799	0	\$ 21,375	13.91%	\$	24,659	\$	0.0054
General Service 50 to 4,999 kW	kW	\$	1.8771	4,383,768	12,095	\$ 22,704	14.78%	\$	26,192	\$	2.1655
Unmetered Scattered Load	kWh	\$	0.0047	98,042	0	\$ 461	0.30%	\$	532	\$	0.0054
Street Lighting	kW	\$	1.4158	372,022	1,018	\$ 1,441	0.94%	\$	1,663	\$	1.6333
				30,505,723	13,113	\$ 153,611	100.00%	\$	177,214		
						 (F)		(G) C	ell G73 Sheet C1 2		



Name of LDC: File Number: Version : 1.0

Cooperative Hydro Embrun Inc.

EB-2010-0077

# **Adjust RTSR-Connection to Current Connection Wholesale**

The purpose of this sheet is to re-align current RTSR-Connection to recover current wholesale Connection costs.

Rate Class	Vol Metric		ent RTSR - nnection	Loss Adjusted Billed kWh	Billed kW	Bille	ed Amount	Billed Amount %	Curre	ent Wholesale Billing	•	sted RTSR - onnection
		(A) Colu	mn J Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A	A) * (B) or (A) * (C)	(F) = (D) / (E)		(H) = (G) * (F)	(I) = (H	) / (B) or (H) / (C)
Residential	kWh	\$	0.0046	21,104,092	0	\$	97,079	70.80%	\$	98,568	\$	0.0047
General Service Less Than 50 kW	kWh	\$	0.0041	4,547,799	0	\$	18,646	13.60%	\$	18,932	\$	0.0042
General Service 50 to 4,999 kW	kW	\$	1.6294	4,383,768	12,095	\$	19,708	14.37%	\$	20,010	\$	1.6544
Unmetered Scattered Load	kWh	\$	0.0041	98,042	0	\$	402	0.29%	\$	408	\$	0.0042
Street Lighting	kW	\$	1.2597	372,022	1,018	\$	1,282	0.94%	\$	1,302	\$	1.2790
				<u> </u>								
				30,505,723	13,113	\$	137,117	100.00%	\$	139,220		
							(E)		(G) Cel	II Q73 Sheet C1.2		



Name of LDC: Cooperative Hydro Embrun Inc. File Number: EB-2010-0077

File Number:

Version: 1.0

#### **Adjust RTSR-Network to Forecast Network Wholesale**

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	•	ed RTSR - twork	Loss Adjusted Billed kWh	Billed kW	Bill	led Amount	Billed Amount %		Forecast lesale Billing	Pro	posed RTSR - Network
		(A) Colun	nn S Sheet D1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (	A) * (B) or (A) * (C)	(F) = (D) / (E)	(	H) = (G) * (F)	(I) =	(H) / (B) or (H) / (C)
Residential	kWh	\$	0.0059	21,104,092	0	\$	124,169	70.07%	\$	124,169	\$	0.005884
General Service Less Than 50 kW	kWh	\$	0.0054	4,547,799	0	\$	24,659	13.91%	\$	24,659	\$	0.005422
General Service 50 to 4,999 kW	kW	\$	2.1655	4,383,768	12,095	\$	26,192	14.78%	\$	26,192	\$	2.165529
Unmetered Scattered Load	kWh	\$	0.0054	98,042	0	\$	532	0.30%	\$	532	\$	0.005422
Street Lighting	kW	\$	1.6333	372,022	1,018	\$	1,663	0.94%	\$	1,663	\$	1.633347
				30,505,723	13,113	\$	177,214	100.00%	\$	177,214		
							(E)		Cell C	373 Sheet C1.3		



File Number: EB-2010-0077

Version: 1.0

#### **Adjust RTSR-Connection to Forecast Connection Wholesale**

The purpose of this sheet is to update re-aligned RTSR-Connection rates to recover forecast wholesale Connection costs.

Rate Class	Vol Metric	Cor	ted RTSR - nnection	Loss Adjusted Billed kWh	Billed kW	led Amount	Billed Amount %	Who	Forecast lesale Billing	Co	sed RTSR - nnection
Residential	kWh	\$	0.0047	21,104,092	0	\$ 98,568	70.80%	\$	98,568	\$	0.0047
General Service Less Than 50 kW	kWh	\$	0.0042	4,547,799	0	\$ 18,932	13.60%	\$	18,932	\$	0.0042
General Service 50 to 4,999 kW	kW	\$	1.6544	4,383,768	12,095	\$ 20,010	14.37%	\$	20,010	\$	1.6544
Unmetered Scattered Load	kWh	\$	0.0042	98,042	0	\$ 408	0.29%	\$	408	\$	0.0042
Street Lighting	kW	\$	1.2790	372,022	1,018	\$ 1,302	0.94%	\$	1,302	\$	1.2790
				30,505,723	13,113	\$ 139,220	100.00%	\$	139,220		
						(E)		Cell	Q73 Sheet C1.3		

E1.2 Adj Conn to Fcst Whsl



File Number: EB-2010-0077

# IRM RTSR Adjustment Calculation - Network

The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	V	ol Metric	Current RTSR - Network	•	ed RTSR - work	RTSR - Network Adjustment
			(A) Column H Sheet B1.1	(B) Column	S Sheet E1.1	C = B - A
Residential		kWh	0.0051		0.0059	0.000784
General Service Less Than 50 kW		kWh	0.0047		0.0054	0.000722
General Service 50 to 4,999 kW		kW	1.8771		2.1655	0.288429
Unmetered Scattered Load		kWh	0.0047		0.0054	0.000722
Street Lighting		kW	1.4158		1.6333	0.217547

Enter this value into column"G" on sheet"L1.1 Appl For TX Network" of the 2011 Rate Generator



File Number: EB-2010-0077

# IRM RTSR Adjustment Calculation - Connection

The purpose of this sheet is to update re-aligned RTSR-Connection rates to recover forecast wholesale Connection costs.

Rate Class	Vol Metric	Current RTSR - Connection  (A) Column J Sheet B1.1	Proposed RTSR - Connection (B) Column S Sheet E1.2	RTSR - Connection Adjustment C=B-A
Residential	kWh	0.0046	0.0047	0.000071
General Service Less Than 50 kW	kWh	0.0041	0.0042	0.000063
General Service 50 to 4,999 kW	kW	1.6294	1.6544	0.024992
Unmetered Scattered Load	kWh	0.0041	0.0042	0.000063
Street Lighting	kW	1.2597	1.2790	0.019322

Enter this value into column"G" on sheet"L2.1 Appl For TX Connect" of the



File Number: EB-2010-0077 Effective Date: May 1, 2011

Version: 2.0

# **LDC Information**

Applicant Name	Cooperative Hydro Embrun Inc.
OEB Application Number	EB-2010-0077
LDC Licence Number	ED-2002-0493
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0132
Billing Determinants	2010 COS Forecast
Diffing Determinants	2010 000 i diecast
Global Adjustment Elections	
Global Adjustment Recovery Separate Distribution Charge	Yes
Global Adjustment Recovery as Electricity Component	No



Name of LDC: Cooperative Hydro Embrun Inc. File Number:

Effective Date: May 1, 2011 Version: 2.0

EB-2010-0077

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B1.2 2006 Reg Ass Prop Shr 2006 Regulatory Asset Recovery Proportionate Share

Rate Class and 2008 Billing Determinants B1.3 Rate Class And Bill Det

C1.0 2006 Reg Asset Recovery Regulatory Assets - 2006 Regulatory Asset Recovery

C1.1 2008 Transfer to 1595 COS 2008 Board Approved Transfer of 2006 Deferral/Variance accounts to 1595 COS 2009 Board Approved Transfer of 2007 Deferral/Variance accounts to 1595 COS C1.2 2009 Transfer to 1595 COS 2010 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 COS C1.3 2010 Transfer to 1595 COS C1.4 2010 Transfer to 1595 IRM 2011 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 IRM

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E1.1 Threshold Test Threshold Test

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File Number: EB-2010-0077 Effective Date: May 1, 2011

Version: 2.0

# **Rate Class and Billing Determinants**

### 2010 COS Forecast

GSLT50         General Service Less Than 50 kW         Customer         kWh         4,976,291         169,575           GSGT50         General Service 50 to 4,999 kW         Customer         kW         4,387,835         12,779         1,309,830           USL         Unmetered Scattered Load         Connection         kWh         93,536         0           SL         Street Lighting         Connection         kW         388,274         1,066         0           NA         Rate Class 6         NA         NA         NA         NA         NA           NA         Rate Class 7         NA         NA         NA         NA         NA           NA         Rate Class 8         NA         NA         NA         NA         NA         NA           NA         Rate Class 9         NA         NA <th< th=""><th>Rate Group</th><th>Rate Class</th><th>Fixed Metric</th><th>Vol Metric</th><th>Metered kWh I</th><th>Metered kW</th><th>Billed kWh for Non-RPP customers</th></th<>	Rate Group	Rate Class	Fixed Metric	Vol Metric	Metered kWh I	Metered kW	Billed kWh for Non-RPP customers
GSGT50         General Service 50 to 4,999 kW         Customer         kW         4,387,835         12,779         1,309,830           USL         Unmetered Scattered Load         Connection         kWh         93,536         0           SL         Street Lighting         Connection         kW         388,274         1,066           NA         Rate Class 6         NA         NA         NA           NA         Rate Class 7         NA         NA           NA         Rate Class 8         NA         NA           NA         Rate Class 8         NA         NA           NA         Rate Class 10         NA         NA           NA         Rate Class 11         NA         NA           NA         Rate Class 12         NA         NA           NA         Rate Class 13         NA         NA           NA         Rate Class 14         NA         NA           NA         Rate Class 16         NA         NA           NA         Rate Class 17         NA         NA           NA         Rate Class 19         NA         NA           NA         Rate Class 20         NA         NA           NA	RES	Residential	Customer	kWh	19,657,452		2,972,720
USL         Unmetered Scattered Load         Connection         kWh         93,536         0           SL         Street Lighting         Connection         kW         388,274         1,066           NA         Rate Class 6         NA         NA         NA           NA         Rate Class 7         NA         NA           NA         RAte Class 8         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         Rate Class 10         NA         NA           NA         NA         NA           NA         Rate Class 11         NA         NA           NA         Rate Class 12         NA         NA           NA         Rate Class 13         NA         NA           NA         Rate Class 14         NA         NA           NA         RA         NA         NA           NA         NA         NA           NA         NA         NA           NA         NA         NA           NA         NA         NA	GSLT50	General Service Less Than 50 kW	Customer	kWh	4,976,291		169,575
SL         Street Lighting         Connection         kW         388,274         1,066         0           NA         Rate Class 6         NA         NA <td>GSGT50</td> <td>General Service 50 to 4,999 kW</td> <td>Customer</td> <td>kW</td> <td>4,387,835</td> <td>12,779</td> <td>1,309,830</td>	GSGT50	General Service 50 to 4,999 kW	Customer	kW	4,387,835	12,779	1,309,830
NA         Rate Class 6         NA         NA           NA         Rate Class 7         NA         NA           NA         Rate Class 8         NA         NA           NA         RAte Class 9         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         RA         NA           NA         RA         RA         NA           NA         RA         NA         NA           NA         NA         NA         NA           NA         NA         NA         NA           NA         NA         NA         NA           NA         NA         NA         NA           NA<	USL	Unmetered Scattered Load	Connection	kWh	93,536		0
NA       Rate Class 7       NA       NA         NA       Rate Class 8       NA       NA         NA       Rate Class 9       NA       NA         NA       Rate Class 10       NA       NA         NA       Rate Class 11       NA       NA         NA       Rate Class 12       NA       NA         NA       Rate Class 13       NA       NA         NA       RA	SL	Street Lighting	Connection	kW	388,274	1,066	0
NA         Rate Class 8         NA         NA           NA         Rate Class 9         NA         NA           NA         Rate Class 10         NA         NA           NA         Rate Class 11         NA         NA           NA         Rate Class 12         NA         NA           NA         Rate Class 13         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         RA         NA           NA         RA         NA         NA	NA	Rate Class 6	NA	NA			
NA         Rate Class 9         NA         NA           NA         Rate Class 10         NA         NA           NA         Rate Class 11         NA         NA           NA         Rate Class 12         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         RA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         RA         NA         NA           NA         NA         NA         NA           NA         RA         NA         NA           NA         NA         NA         NA           NA         RA         RA         NA           NA         NA         NA         NA	NA	Rate Class 7	NA	NA			
NA       Rate Class 10       NA       NA         NA       Rate Class 11       NA       NA         NA       Rate Class 12       NA       NA         NA       Rate Class 13       NA       NA         NA       Rate Class 14       NA       NA         NA       Rate Class 15       NA       NA         NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 8	NA	NA			
NA       Rate Class 11       NA       NA         NA       Rate Class 12       NA       NA         NA       Rate Class 13       NA       NA         NA       Rate Class 14       NA       NA         NA       Rate Class 15       NA       NA         NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 9	NA	NA			
NA       Rate Class 12       NA       NA         NA       Rate Class 13       NA       NA         NA       Rate Class 14       NA       NA         NA       Rate Class 15       NA       NA         NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 10	NA	NA			
NA       Rate Class 13       NA       NA         NA       Rate Class 14       NA       NA         NA       Rate Class 15       NA       NA         NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 11	NA	NA			
NA       Rate Class 14       NA       NA         NA       Rate Class 15       NA       NA         NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 12	NA	NA			
NA       Rate Class 15       NA       NA         NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 13	NA	NA			
NA       Rate Class 16       NA       NA         NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 14	NA	NA			
NA       Rate Class 17       NA       NA         NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 15	NA	NA			
NA       Rate Class 18       NA       NA         NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 16	NA	NA			
NA       Rate Class 19       NA       NA         NA       Rate Class 20       NA       NA         NA       Rate Class 21       NA       NA         NA       Rate Class 22       NA       NA         NA       Rate Class 23       NA       NA         NA       Rate Class 24       NA       NA         NA       Rate Class 25       NA       NA	NA	Rate Class 17	NA	NA			
NA         Rate Class 20         NA         NA           NA         Rate Class 21         NA         NA           NA         Rate Class 22         NA         NA           NA         Rate Class 23         NA         NA           NA         Rate Class 24         NA         NA           NA         Rate Class 25         NA         NA	NA	Rate Class 18	NA	NA			
NA         Rate Class 21         NA         NA           NA         Rate Class 22         NA         NA           NA         Rate Class 23         NA         NA           NA         Rate Class 24         NA         NA           NA         Rate Class 25         NA         NA	NA	Rate Class 19	NA	NA			
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NA Rate Class 25 NA NA	NA	Rate Class 23	NA	NA			
	NA	Rate Class 24	NA	NA			
4,452,125	NA	Rate Class 25	NA	NA			
							4,452,125



#### 2010 Board Approved Transfer of 2008 Deferral/Variance accounts to 1595 COS

Disposition Recovery's Sunset Data
| Agril 30, 2011
| Rate Rider Recovery Complete and 1995 Balance Eligible for Residual Disposition No.

	Account	Driveries Assessed	Interest Amount	Total
Account Description Group 1 Accounts		Principal Amounts		Balance
LV Variance Account	1550	(10,730.00)	(809.00)	(11,539.00)
RSVA - Wholesale Market Service Charge RSVA - Retail Transmission Network Charge	1580	(8,438.00 ) 26,141.00	(1,868.00 ) 1,560.00	(10,304.00 ) 27.701.00
RSVA - Retail Transmission Connection Charge	1586	42.348.00	2,721.00	45,069.00
RSVA - Power (Excluding Global Adjustment)	1588	(71,837.00)	(19,001.00)	(90,838.00)
RSVA - Power (Clobal Adjustment Sub-account) - when not a separate rate rider	1588	(7,175.00)	(73,208,00.)	(8,508.00 )
Recovery of Regulatory Asset Balances	1590	96,851.00	(73,208.00)	23,643.00
Sub-Total - Group 1 Accounts		67,162.00	(91,936.00)	(24,774.00)
Group 2 Accounts Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	(2,852.00)	(579.00 )	(3,431.00)
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	0.00	0.00	0.00
Other Regulatory Assets - Sub-Account Deferred IFRS Transition Costs	1508	0.00	0.00	0.00
Other Regulatory Assets - Sub-Account - Other Other Regulatory Assets - Sub-Account - Other	1508	0.00	0.00	0.00
Retail Cost Variance Account - Retail	1518	0.00	0.00	0.00
Retail Cost Variance Account - STR	1548	0.00	0.00	0.00
Misc. Deferred Debits Renewable Connection Capital Deferral Account	1525 1531	0.00	0.00	0.00
Renewable Connection Calpina Deferral Account	1532	0.00	0.00	0.00
Smart Grid Capital Deferral Account	1534	0.00	0.00	0.00
Smart Grid OM&A Deferral Account	1535	0.00	0.00	0.00
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Capital - when not a separate rate rider Smart Meter Capital and Recovery Offset Variance - Sub-Account - Recoveries - when not a separate rate rider	1555	0.00	0.00	0.00
ornan meser Capital and Recovery Ottset Variance - Sub-Account - Recoverses - when not a separate rate noer Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs - when not a separate rate ride		0.00	0.00	0.00
Smart Meter CM&A Variance - when not a separate rate rider	1556	0.00	0.00	0.00
Conservation and Demand Management Expenditures and Recoveries	1565	(8,971.00)	0.00	(8,971.00)
DM Contra Qualifying Transition Costs	1586	8,971.00	0.00	8,971.00
Pre-Market Opening Energy Variances Total	1571	0.00	0.00	0.00
Extra-Ordinary Event Costs	1572	0.00	0.00	0.00
Deferred Rose Impact Amounts RSVA - One-time Wholesale Market Service	1574	0.00	0.00	0.00
tSVA - Cre-time Wholesale Market Service Other Deferred Credits	1582 2425	0.00	0.00	0.00
Jub-Total - Group 2 Accounts		(2.852.00 )	(579.00)	(3.431.00)
Disposition and recovery of Regulatory Balances Account	1595	(64,310.00)	92,515.00	28.205.00
Rate Rider Recovery				
Deferral Variance Recovery May 1, 2010 to December 31, 2010	1595	0.00	0.00	0.00
	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2011 to December 31, 2011				
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012	1595	0.00	0.00	0.00
Deferral Variance Recovery Jan 1, 2012 to December 31, 2012 Deferral Variance Recovery Jan 1, 2013 to December 31, 2013	1595	0.00	0.00	0.00
Deform Wardness Recovery Jun 1, 2012 to December 31, 2012 Deformed Wardness Revoys Jun 2, 2012 to December 31, 2013 Deformed Wardness Revoys Jun 2, 2013 to December 31, 2013 Deformed Wardness Recovery Jun 1, 2015 to December 31, 2015 Deformed Wardness Recovery Jun 1, 2015 to December 31, 2015 Deformed O'Deposition and recovery of Regulatory Business Account	1595 1595 1595 1595 1595	0.00 0.00 0.00 0.00 (64,310.00)	0.00 0.00 0.00 0.00 92,515.00	0.00 0.00 0.00 0.00
Orders Visions Recovery Jan. 3, 2012 to December 31, 2012  Orders Visions Recovery Jan. 1, 2013 to December 31, 2012  Orders Visions Recovery Jan. 1, 2013 to December 31, 2013  Orders Visions Recovery Jan. 1, 2013 to December 31, 2015  Behavior of Disposition and recovery of Regulatory Behaviors Account  Similar Medic Recovery or Sept Sept Sept Sept Sept Sept Sept Sept	1595 1595 1595	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Defined Valence Recovery, Jan. 3, 2010 to December 19, 2010 to December 19, 2010 to December 19, 2010 to December 19, 2010 to December 20, 2010 to December	1595 1595 1595	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Obtant Vatinan Recorps, Jan. 1, 2019 to December 19, 2010  Obtant Vatinan Recorps, Jan. 1, 2014 to December 19, 2010  Obtant Vatinan Recorps, Jan. 1, 2014 to December 19, 2014  Determ Vatinan Recorps, Jan. 1, 2014 to December 19, 2015  Determ Vatinan Recorps, Jan. 1, 2015 to December 19, 2015  Simant Meter Recovery sea a separate Ratio Ridor  Jan. 1, 2015 to December 19, 2015 to December 19, 2015  Simant Meter Recovery Senset Date  Obtant Meter Recovery Senset Date	1595 1595 1595 1595 1595	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Definal Valence Recovery Jan. 3, 1010 to December 13, 2010 Definal Valence Recovery Jan. 3, 1010 to December 13, 2010 Definal Valence Recovery Jan. 1, 2016 to December 13, 2016 Definal Valence Recovery Jan. 1, 2016 to December 13, 2016 Definal Valence Recovery Jan. 1, 2016 to December 13, 2016 Definal Valence of Dependers entercovery of Regulatory Educates Account Semant Meder Recovery Semant Data Unit Co. 2017 December 10, 2017 December 11, 2017 December 10, 2017 December 11, 2017 December 11	1595 1595 1595 1595 No No Account Number	0.00 0.00 0.00 (64,310.00)	92,515.00 Interest Amount	0.00 0.00 0.00 28,205.00 Total Balance
Columnia Viscoria Recovery, Jun 1, 2010 to Discountier 19, 2010 Debug Viscoria Recovery, Jun 1, 2010 to Discountier 19, 2010 Debug Viscoria Recovery, Jun 1, 2010 to Discountier 19, 2010 Debug Viscoria Recovery, Jun 1, 2010 to Discountier 19, 2010 Debug Viscoria Recovery, Jun 1, 2010 to Discountier 19, 2010 Debug Viscoria Recovery Security of Impairtary Resistance Amount Simust Marker Recovery as a separate Rate Ridder Debug Viscoria Recovery Security Office Viscoria Recovery Security Office Viscoria Recovery Security Office Viscoria Recovery Security Office Viscoria Viscoria Recovery Security Office Viscoria Re	1595 1595 1595 1595 No	0.00 0.00 0.00 (64,310.00)	0.00 0.00 0.00 92,515.00	0.00 0.00 0.00 28,205.00
Columnia Visioneria Ricovery Jun 1, 2010 Discontine 11, 2010 Discontine Visioneria Ricovery Jun 1, 2010 Discontine 11, 2010 Discontine Visioneria Ricovery Jun 1, 2016 Discontine 11, 2016 Discontine Visioneria Ricovery Jun 1, 2016 Discontine 11, 2016 Discontine Visioneria Ricovery Jun 1, 2016 Discontine 11, 2016 Discontine Visioneria Ricovery Jun 1, 2016 Discontine 11, 2016 Discontine Visioneria Ricovery State Discontine Visioneria Ricovery Complete and 1995 Balance Eligible for Residual Dispositios  account Disscription Teach Host Confidence Visionery Office Visioneria - Sub-Account - Cepital - when a superior set order moral feature Capital and Piecewy Office Visioneria - Sub-Account - Cepital - when a superior set order moral feature Capital and Ricovery Office Visioneria - Sub-Account - Cepital - when a superior set order moral feature Capital and Ricovery Office Visioneria - Sub-Account - Cepital - when a superior set order moral feature Capital and Ricovery Office Visioneria - Sub-Account - Cepital - when a superior set order	1595 1595 1595 1595 1595 No Account Number 1585 1585 1585	0.00 0.00 0.00 (64.310.00)	0.00 0.00 0.00 92.515.00	0.00 0.00 0.00 28.205.00 Total Balance 0.00 0.00
Collection Valence Recovery, Jun 1, 2010 to December 19, 2010 to Decembe	1595 1595 1595 1595 1595 No Account Number 1595 1595 1595	0.00 0.00 0.00 (64.310.00)	0.00 0.00 0.00 92.515.00 Interest Amount 0.00 0.00 0.00	Total Belence
Obtained Valentian Recovery Jan 1, 2010 to December 19, 2010 December Valentian Recovery Jan 1, 2010 to December 19, 2010 December Valentian Recovery Jan 1, 2016 to December 19, 2016 December Valentian Recovery Jan 1, 2016 to December 19, 2016 December Valentian Recovery Jan 1, 2016 to December 19, 2016 December Valentian Recovery Season Season Recovery Season Rec	1595 1595 1595 1595 1595 No Account Number 1585 1585 1585	0.00 0.00 0.00 (64.310.00)	0.00 0.00 0.00 92.515.00	0.00 0.00 0.00 28.205.00 Total Balance 0.00 0.00
Collection Valence Recovery, June 1, 2010 to Documber 19, 2010  Continued Valence Recovery, June 1, 2014 to Documber 19, 2010  Collection Valence Recovery, June 1, 2014 to Documber 19, 2014  Collection Valence Recovery, June 1, 2014 to Documber 19, 2014  Collection Valence Recovery of Englands Valence Annount  Collection Valence Recovery Service Valence Recovery Recovery Republic Valence Annount  Collection Valence Recovery Service Collection Valence Recovery Service Valence Valenc	1595 1596 1596 1596 1596 No Account Number 1585 1585 1585 1586	0.00 0.00 0.00 (64.310.00) Principal Amounts 0.00 0.00 0.00	0.00 0.00 0.00 92,515.00 Interest Amount 0.00 0.00 0.00	Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Obtainst Valence Recovery, Jan. 1, 2012 to December 19, 2013	1595 1596 1596 1596 No Account Number 1595 1595 1595	0.00 0.00 0.00 (64.310.00)	0.00 0.00 0.00 92.515.00 Interest Amount 0.00 0.00 0.00 0.00	C.00 C.00 C.00 C.00 C.00 C.00 C.00 C.00
Columnia Viscoria Recovery Jun 1, 2010 to December 10, 2010 December Viscoria Recovery Jun 1, 2014 to December 10, 2010 December Viscoria Recovery Jun 1, 2014 to December 10, 2010 December Viscoria Recovery Jun 1, 2015 to December 10, 2010 December Viscoria Recovery Jun 1, 2015 to December 10, 2010 December Viscoria Recovery Jun 1, 2010 to December 10, 2010 December Viscoria Recovery Security of England Political Recovery Security Office Viscoria Recovery Security Office Viscor	1595 1596 1596 1596 1596 No Account Number 1585 1585 1585 1586	0.00 0.00 0.00 (64.310.00) Principal Amounts 0.00 0.00 0.00	0.00 0.00 0.00 92,515.00 Interest Amount 0.00 0.00 0.00	Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Coloniar Varionia Recovery Jun 1, 2019 to December 19, 2019  Coloniar Varionia Recovery Jun 1, 2019 to December 19, 2019  Coloniar Varionia Recovery Jun 1, 2019 to December 20, 2019  Coloniar Varionia Recovery Jun 1, 2019 to December 2, 2019  Coloniar Varionia Recovery of Programy Recovers Account  Coloniar Varionia Recovery of Programy Recovers Account  Coloniar Varionia Recovery San a separatio Raile Ricider  Colonia Recovery San as expansio Raile Ricider  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Recovery Complete and 1939 Balance Eligible for Recoldual Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recoldual Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recoldual Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recoldual Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recolonia Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recolonia Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recolonia Disposition  Colonia Martin Recovery 2019 Balance Eligible for Recolonia Disposition  Colonia Martin Recovery 2019 Balance Eligible	1595 1595 1595 1595 1595 No Account Number 1555 1555 1555 1595 1595	0.00   0.	0.00 0.00 0.00 02.515.00 Interest Amount 0.00 0.00 0.00	Total Balance 0.00 0.00  7 total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Obtainst Various Recovery, Jun. 1, 2019 to December 19, 2019 Obtained Various Recovery, Jun. 1, 2019 to December 19, 2019 Obtained Various Recovery, Jun. 1, 2019 to December 20, 2019 Obtained Various Recovery, Jun. 1, 2019 to December 20, 2019 Obtained Various Recovery, Jun. 1, 2019 to December 20, 2019 Obtained Various Recovery of Prographing Various Recovery Obtained Various Recovery of Prographing Various Recovery Obtained Various Recovery See as separative Radio Redorr Commant Market Recovery Complete and 1955 Balance English for Resistant Disposition Obtained Various Recovery Complete and 1955 Balance English for Resistant Disposition Obtained Various Recovery Complete Various State Various State Recovery Complete Various State Various State Recovery Complete Various State Various Sta	1595 1595 1595 1595 1595 No Account Number 1555 1555 1555 1595 1595	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 92.515.00 Interest Amount 0.00 0.00 0.00 0.00	Total Belence 0.00 0.00  7 total Belence 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Defend Valence Recovery and 1-2015 to December 15-2015  Obtained Valence Recovery and 1-2015 to December 15-2015  Obtained Valence Recovery and 1-2016 to December 15-2016  Obtained Valence Recovery and 1-2016 to December 15-2015  Security of Valence Recovery and 1-2016 to December 15-2015  Security Security Recovery Security Repulsive Security Recovery	1595 1595 1596 1596 1596 1596 1595 1595	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Balance 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0
Defend Valence Recovery, and 1, 2019 to December 19, 2010 Defend Valence Recovery, and 1, 2019 to December 19, 2019 Defend Valence Recovery, and 1, 2019 to December 19, 2019 Defend Valence Recovery, and 1, 2019 to December 19, 2019 Defend Valence Recovery, and 1, 2019 to December 19, 2019 Defend Valence Recovery on Englishy Statement Amount  Semant Marker Recovery Complete and 1995 Balance Eighbe for Residual Disposition  Marker Recovery Complete and 1995 Balance Eighbe for Residual Disposition  Maccant Description  Accant Description Defend Valence Valence Complete Comple	1595 1596 1596 1596 1596 1596 1596 1596	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Balance  0.00 0.00  28,205,500  Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Obtant Valence Recovery 2m 1. 2019 to December 91. 2019  Obtant Valence Recovery 2m 1. 2019 to December 91. 2019  Obtant Valence Recovery 2m 1. 2019 to December 91. 2019  Obtant Valence Recovery 2m 1. 2019 to December 91. 2019  Simant Marker Recovery 2m 1. 2019 to December 91. 2019  Simant Marker Recovery 2m 1. 2019 to December 91. 2019  That Richard Recovery 2m	1595 1596 1596 1596 1596 1596 1596 1596	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Balance  0.00 0.00  28,205,500  Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Obtainst Valentian Recovery Jan 1, 2010 to December 19, 2010 December Valentian Recovery Jan 1, 2014 to December 19, 2010 Detember Valentian Recovery Jan 1, 2014 to December 19, 2015 Detember Valentian Recovery Jan 1, 2014 to December 19, 2015 Detember Valentian Recovery Jan 1, 2015 to December 19, 2015 Detember Valentian Recovery Jan 1, 2015 to December 19, 2015 Detember Valentian Recovery Jan 1, 2015 to December 19, 2015 Detember Valentian Recovery Servant Date Detember Valentian R	1595 1596 1596 1596 1596 1596 1596 1596	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Balance  0.00 0.00  28,205,500  Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Obtainst Valentian Recovery Jan 1, 2010 to December 19, 2010 December Valentian Recovery Jan 1, 2014 to December 19, 2010 Detember Valentian Recovery Jan 1, 2014 to December 19, 2015 Detember Valentian Recovery Jan 1, 2014 to December 19, 2015 Detember Valentian Recovery Jan 1, 2015 to December 19, 2015 Detember Valentian Recovery Jan 1, 2015 to December 19, 2015 Detember Valentian Recovery Jan 1, 2015 to December 19, 2015 Detember Valentian Recovery Servant Date Detember Valentian R	1595 1595 1595 1595 1595 1595 1595 1595	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00	Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
College Various Recovery, Jun 1, 2010 to Documber 19, 2010 Declared Various Recovery, Jun 1, 2014 to Documber 19, 2010 Declared Various Recovery, Jun 1, 2014 to Documber 19, 2014 Declared Various Recovery, Jun 1, 2014 to Documber 19, 2014 Declared Various Recovery, Jun 1, 2014 to Documber 19, 2014 Declared Various Recovery, Jun 1, 2014 to Documber 19, 2014 Declared Various Recovery, Security Office Various Recovery Declared Various Recovery Recovery Declared Declared Recovery Recovery Declared Declared Recovery Recovery Declared Declared Recovery Recovery Declared Declared Recovery Reco	1595 1595 1595 1595 1595 1595 1595 1595	000 000 000 000 000 000 000 000 000 00	0.00   0.	0.00 0.00 0.00 Total Salance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Collection Valence Recovery, and 1, 2019 to December 19, 2019  Charles Valence Recovery, 3nd 1, 2014 to December 19, 2019  Charles Valence Recovery, 3nd 1, 2014 to December 19, 2019  Charles Valence Recovery, 3nd 1, 2019 to December 19, 2019  Charles Valence Recovery, 2nd 1, 2019 to December 19, 2019  Charles Valence Recovery Services of Services Recovery Competition of 1995 Balance English for Residual Disposition  Macroent December Recovery Services And 1995 Balance English for Residual Disposition  Macroent December Valence Valence Valence Competition of 1995 Balance English for Residual Disposition  Macroent December Valence Valence Valence Competition Valence Valen	1595 1595 1595 1595 1595 1595 1595 1595	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00	Total Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery Jan 1, 2019 to December 19, 2019  Collection Valence Recovery January Collection Valence Recovery Collection Valence Recovery Collection Valence Valen	1595 1595 1595 1595 1595 No Account 1553 1595 1595 1595 1596 1596 1596 1596 1596	000 000 000 000 000 000 000 000 000 00	0.00   0.	0.00 0.00 0.00 Total Salance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Colonia Valence Recovery and 1-2012 to December 19, 2012  Colonia Valence Recovery and 1-2012 to December 19, 2012  Colonia Valence Recovery and 1-2014 to December 19, 2014  Colonia Valence Recovery and 1, 2014 to December 19, 2014  Colonia Valence Recovery and 1, 2014 to December 19, 2014  Colonia Valence Recovery and 1, 2014 to December 19, 2014  Colonia Valence Recovery and English for Recovery Colonia Valence Valence Register for Recovery Colonia Valence V	1595 1595 1595 1595 1595 No Account 1553 1595 1595 1595 1596 1596 1596 1596 1596	0.00   0.00	0.00	0.00 0.00 Tail Balance 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Column Valence Recovery and 1, 2019 to December 19, 2019  Charles Valence Recovery and 1, 2019 to December 19, 2019  Charles Valence Recovery and 1, 2019 to December 19, 2019  Charles Valence Recovery and 1, 2019 to December 19, 2019  Charles Valence Recovery and 1, 2019 to December 19, 2019  Charles Valence Recovery and 1, 2019 to December 19, 2019  Charles Valence Recovery Complete and 1995 Balance Eligible for Residual Disposition  Macroert Board Valence Valence Valence Complete Recovery Complete Andre Valence	1595 1595 1596 No Account Number 1553 1596 1596 No Account Number 1553 1596 1596 1596 1596 1596 1596 1596 1596	0.00    0.00	0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Column Variation Recovery 2011 - 2010 to December 13 - 2010  Defeated Variation Recovery 2011 - 2014 to December 13 - 2010  Defeated Variation Recovery 2011 - 2014 to December 13 - 2010  Defeated Variation Recovery 2011 - 2014 to December 13 - 2010  Service of December Recovery 2011 - 2014 to December 13 - 2010  Service of Recovery 2011 - 2014 to December 13 - 2010  Service of Recovery 2011 - 2014 to December 13 - 2011  Service of Recovery 2011 - 2014 to December 13 - 2011  Marca Richard Recovery Complete and 1995 Balance Eighbis for Residual Disposition  Account Description  Marca Politic Politic Variation Service	1595 1595 1596 1596 1596 No Account Number 1596 1596 1596 1596 1596 1596 1596 1596	1,000   1,00	0.00   0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Obtant Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Complete and 1993 Balance Eighbe for Residual Disposition Account Baserylein March March Copied and Theory Complete and 1993 Balance Eighbe for Residual Disposition Account Baserylein Defined Water Copied Waters C	1595 1596 1596 1596 1596 1596 No Account 1596 1596 1596 1596 1596 1596 1596 1596	0.00    (64.318.00)   (64.31	0.00   0.00	13,055,05  Total Bulerer  0,000 0,00
Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m 1, 2019 to December 13, 2019 Column Valence Recovery 2m	1595 1596 1596 1596 1596 1596 NG Account 1506 1506 1506 1506 1506 1506 1506 1506	0.00    0.00	0.000   0.00	\$2.00
Obtant Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 1, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Jan. 2, 2019 to December 13, 2019 Defined Waters Recovery Complete and 1993 Balance Eighbe for Residual Disposition Account Baserylein March March Copied and Theory Complete and 1993 Balance Eighbe for Residual Disposition Account Baserylein Defined Water Copied Waters C	1595 1596 1596 1596 1596 1596 No Account 1596 1596 1596 1596 1596 1596 1596 1596	0.00    (64.318.00)   (64.31	0.00   0.00	13,055,05  Total Bulerer  0,000 0,00
Obtains Valencia Recovery 24th 1, 1971 by December 19, 1971 by December	1596 1596 1596 1596 No Account Namber 1553 1596 1596 1596 1596 1596 1596 1596 1596	0.00    (64.310.00]   (64.31	0.000   0.00	0.00   0.00

Sunset Date April 30, 2011

Name of LDC: Cooperative Hydro Embrun Inc. File Number: EB-2010-0077

Effective Date: May 1, 2011

Version : 2.0

### **Deferral Variance - Continuity Schedule 2009**

Account Description	Account Number	Opening Principal Amounts as of Jan- 1-09	Transactions (additions) during 2009, excluding interest and adjustments 1	Transactions (reductions) during 2009, excluding interest and adjustments 1	Adjustments during 2009 - instructed by Board 2	Adjustments during 2009 - other	Transfer Residual Amount of USoA 1595	Closing Principal Balance as of Dec- 31-09	Opening Interest Amounts as of Jan- 1-09	Interest Jan-1 to Dec31-09	Transfer of Board- approved 2007 interest amounts to 1595 (2009 COS)	Closing Interest Amounts as of Dec- 31-09
LV Variance Account	1550	0	10,012					10,012	0	585		585
RSVA - Wholesale Market Service Charge	1580	0		(25,938)				(25,938)	0	56		56
RSVA - Retail Transmission Network Charge	1584	0		(14,152)				(14,152)	0	(341)		(341)
RSVA - Retail Transmission Connection Charge	1586	0		(22,898)				(22,898)	0	(559)		(559)
RSVA - Power (Excluding Global Adjustment)	1588	0	22,370					22,370	0	986		986
RSVA - Power (Global Adjustment Sub-account)	1588	0	25,829					25,829	0	159		159
Recovery of Regulatory Asset Balances	1590	0						0	0	(1,102)		(1,102)
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0					0	0	0		0	0
Total		0	58,211	(62,988)	0	0	0	(4,777)	0	(216)	0	(216)

<sup>1</sup> For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

<sup>&</sup>lt;sup>2</sup> Provide supporting evidence i.e. Board Decision, CRO Order, etc.

<sup>&</sup>lt;sup>3</sup> Provide supporting statement indicating nature of this adjustments and periods they relate to

<sup>&</sup>lt;sup>4</sup> This records the values of amounts removed from Group One accounts in previous proceedings; but does not enter offsets for disposition of 1590, as recovery has not been completed.

Cooperative Hydro Embrun Inc. EB-2010-0077 Name of LDC:

File Number: Effective Date: May 1, 2011

Version: 2.0

### **Deferral Variance - Continuity Schedule Final**

	Account Number	Opening Principal Amounts as of Jan-1- 10	Adjustments - Please explain	Principal Amounts to be disposed
Account Description		Α	В	C = A + B
LV Variance Account	1550	10,012		10,012
RSVA - Wholesale Market Service Charge	1580	(25,938)		(25,938)
RSVA - Retail Transmission Network Charge	1584	(14,152)		(14,152)
RSVA - Retail Transmission Connection Charge	1586	(22,898)		(22,898)
RSVA - Power (Excluding Global Adjustment)	1588	22,370		22,370
RSVA - Power (Global Adjustment Sub-account)		25,829		25,829
Recovery of Regulatory Asset Balances	1590	0		0
Residual Balance Disposition and recovery of Def/Var Balances Account (2008)	1595	0		0
Total		(4,777)	0	(4,777)

Opening Interest Amounts as of Jan-1 10	Interest on Board- approved 2008 amounts prior to transfer Jan-1, 2010 to Date of Transfer	Adjustments - Please explain	Projected Interest on Dec 31 -09 balance from Jan 1, 2010 to Dec 31, 2010	Projected Interest on Dec 31 -09 balance from Jan 1, 2011 to April 30, 2011 1	Interest Amounts to be disposed
D	E	F	G	н	I = D + E + F + G +H
585			72	29	687
000			72	25	001
56			(187)	(76)	(207)
(341)			(102)	(41)	(485)
(559)			(165)	(67)	(791)
986			161	65	1,213
159			186	76	421
(1,102)			0	0	(1,102)
0			0	0	0
(216)	0	0	(34)	(14)	(264)

Interest projected on December 31, 2009 closing principal balance.

Month	Prescribed Rate	Monthly Interest
January 31, 2010	0.55	0.0467
February 28, 2010	0.55	0.0422
March 31, 2010	0.55	0.0467
April 30, 2010	0.55	0.0452
May 31, 2010	0.55	0.0467
June 30, 2010	0.55	0.0452
July 31, 2010	0.89	0.0756
August 31, 2010	0.89	0.0756
September 30, 2010	0.89	0.0732
October 31, 2010	0.89	0.0756
November 30, 2010	0.89	0.0732
December 31, 2010	0.89	0.0756
Effective Rate		0.7214

Month	Prescribed Rate	Monthly Interes
January 31, 2011	0.89	0.0756
ebruary 28, 2011	0.89	0.0683
March 31, 2011	0.89	0.0756
April 30, 2011	0.89	0.0732
Effective Rate		0.2926



File Number: EB-2010-0077 Effective Date: May 1, 2011

Version: 2.0

# **Threshold Test**

Rate Class	Billed kWh B
Residential	19,657,452
General Service Less Than 50 kW	4,976,291
General Service 50 to 4,999 kW	4,387,835
Unmetered Scattered Load	93,536
Street Lighting	388,274
	29,503,388
Total Claim	(5,041)
Total Claim per kWh	- 0.000171



File Number: EB-2010-0077 Effective Date: May 1, 2011

Version: 2.0

# **Cost Allocation - kWh**

Rate Class	Billed kWh	% kWh						Total
			1550	1580	1584	1586	<b>1588</b> 1	
Residential	19,657,452	66.6%	7,128	(17,420)	(9,752)	(15,784)	15,713	(20,114)
General Service Less Than 50 kW	4,976,291	16.9%	1,805	(4,410)	(2,469)	(3,996)	3,978	(5,092)
General Service 50 to 4,999 kW	4,387,835	14.9%	1,591	(3,888)	(2,177)	(3,523)	3,507	(4,490)
Unmetered Scattered Load	93,536	0.3%	34	(83)	(46)	(75)	75	(96)
Street Lighting	388,274	1.3%	141	(344)	(193)	(312)	310	(397)
	29,503,388	100.0%	10,699	(26,145)	(14,637)	(23,689)	23,583	(30,189)

<sup>1</sup> RSVA - Power (Excluding Global Adjustment)



File Number: EB-2010-0077 Effective Date: May 1, 2011

Version: 2.0

# **Cost Allocation - Non-RPP kWh**

Rate Class	Non-RPP kWh	% kWh	
			<b>1588</b> 1
Residential	2,972,720	66.8%	17,527
General Service Less Than 50 kW	169,575	3.8%	1,000
General Service 50 to 4,999 kW	1,309,830	29.4%	7,723
Unmetered Scattered Load	0	0.0%	0
Street Lighting	0	0.0%	0
	4,452,125	100.0%	26,250

1 RSVA - Power (Global Adjustment Sub-account)



Name of LDC: File Number:

Cooperative Hydro Embrun Inc.

Effective Date: Version : 2.0 EB-2010-0077 May 1, 2011

Calculation of Deferral Variance Recovery Rate Rider without Global Adjustment

Rate Ride	Recovery	Period -	Years
-----------	----------	----------	-------

One

Rate Rider Effective To Date

April 30, 2012

Rate Class	Vol Metric	Billed kWh A	Billed kW B	Accounts Allocated by kWh C	Accounts Allocated by Non-RPP kWh D	Account 1590 E	Account 1595 F	Total G = C + D + E + F	Rate Rider kWh H = G / A (kWh) or H = G / B (kW)
Residential	kWh	19,657,452	0	(20,114)	0	0	0	(20,114)	(0.00102)
General Service Less Than 50 kW	kWh	4,976,291	0	(5,092)	0	0	0	(5,092)	(0.00102)
General Service 50 to 4,999 kW	kW	4,387,835	12,779	(4,490)	0	0	0	(4,490)	(0.35135)
Unmetered Scattered Load	kWh	93,536	0	(96)	0	0	0	(96)	(0.00102)
Street Lighting	kW	388,274	1,066	(397)	0	0	0	(397)	(0.37270)
		29 503 388	13 845	(30.189.)	0	0	0	(30 189 )	

Enter the above value onto Sheet
"J2.2 Def Var Disp 2011"
of the 2011 OEB IRM2 Rate Generator
"J2.4 Def Var Disp 2011"
of the 2011 OEB IRM3 Rate Generator



Name of LDC: Cooperative Hydro Embrun Inc. File Number: EB-2010-0077 Effective Date: May 1, 2011

Version : 2.0

### **Calculation of Delivery Component Global Adjustment Rate Rider**

Rate Rider Recovery Period - Years	One
Rate Rider Effective To Date	
April 30, 2012	

Rate Class	Vol Metric	Non-RPP kWh A	Estimated Non- RPP Billed kW B	Accounts Allocated by kWh C	Accounts Allocated by Non-RPP kWh D	Account 1590 E	Account 1595 F	Total G = C + D + E + F	Rate Rider kWh H = G / A (kWh) or H = G / B (kW)
Residential	kWh	2,972,720	0	0	17,527	0	0	17,527	0.00590
General Service Less Than 50 kW	kWh	169,575	0	0	1,000	0	0	1,000	0.00590
General Service 50 to 4,999 kW	kW	1,309,830	3,815	0	7,723	0	0	7,723	2.02433
Unmetered Scattered Load	kWh	0	0	0	0	0	0	0	0.00000
Street Lighting	kW	0	0	0	0	0	0	0	0.00000
		4.452.125	3.815	0	26.250	0	0	26.250	

Enter the above value onto Sheet "J3.31 Global Adjust Del 2011" of the 2011 OEB IRM Rate Generator



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

### **LDC** Information

Applicant Name

Cooperative Hydro Embrun Inc.

DEB Application Number

IRM3

LDC Licence Number

ED-2002-0493

Applied for Effective Date

May 1, 2011

Last COS Re-based Year

2010

Last COS OEB Application Number

EB-2009-0132



File Number: IRM3

File Number: IKM3
Effective Date: May 1, 2011

Version: 1.0

### **Table of Contents**

Purpose of Sheet **Sheet Name** 

A1.1 LDC Information Enter LDC Data

Table of Contents A2.1 Table of Contents

B1.1 Re-Based Bill Det & Rates Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates

Calculated Re-Based Revenue From Rates B1.3 Re-Based Rev From Rates

Sharing formula for Tax changes - this is very preliminary F1.1 Z-Factor Tax Changes

F1.3 Calc Tax Chg RRider Var Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation



File Number: IRM3 Effective Date: May 1, 2011

Version: 1.0

# Rate Class and Re-Based Billing Determinants & Rates

Last COS Re-based Year 2010

Last COS OEB Application Number EB-2009-0132

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B		Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	1,834	19,657,452		12.88	0.0120	
GSLT50	General Service Less Than 50 kW	Customer	kWh	162	4,976,291		20.02	0.0166	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	12	4,387,835	12,779	241.54		4.4752
USL	Unmetered Scattered Load	Connection	kWh	20	93,536		52.55	0.0137	
SL	Street Lighting	Connection	kW	407	388,274	1,066	1.86		7.5527
NA	Rate Class 6	NA	NA						
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Name of LDC: Cooperative Hydro Embrun Inc. IRM3
Effective Date: Version : 1.0

Cooperative Hydro Embrun Inc. IRM3
May 1, 2011

### **Calculated Re-Based Revenue From Rates**

Last COS Re-based Year

2010

Last COS OEB Application Number

EB-2009-0132

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed I kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Distribution	Rate ReBal Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D *12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	1,834	19,657,452	0	12.88	0.0120	0.0000	283,438	236,463	0	519,901
General Service Less Than 50 kW	162	4,976,291	0	20.02	0.0166	0.0000	38,919	82,606	0	121,525
General Service 50 to 4,999 kW	12	4,387,835	12,779	241.54	0.0000	4.4752	34,782	0	57,189	91,970
Unmetered Scattered Load	20	93,536	0	52.55	0.0137	0.0000	12,612	1,285	0	13,897
Street Lighting	407	388,274	1,066	1.86	0.0000	7.5527	9,085	0	8,051	17,136
							378,835	320,355	65,240	764,430



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **Z-Factor Tax Changes**

### **Summary - Sharing of Tax Change Forecast Amounts**

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2010		2011		2012
Taxable Capital	\$ 2,431,02	27 \$ 2	2,431,027	\$	2,431,027
Deduction from taxable capital up to \$15,000,000	\$15,000,00	\$15	5,000,000	\$1	5,000,000
Net Taxable Capital	-\$12,568,97	'3 -\$12	2,568,973	-\$1	2,568,973
Rate	0.150	)%	0.000%		0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$	-	\$	-
2. Tax Related Amounts Forecast from Income Tax Rate Changes Regulatory Taxable Income	<b>2010</b> \$ 108,31		<b>2011</b> 108,318	\$	<b>2012</b> 108,318
Corporate Tax Rate	16.00	)%	15.50%		15.50%
Tax Impact	\$ 17,33	\$1	16,789	\$	16,789
Grossed-up Tax Amount	\$ 20,63	\$	19,869	\$	19,869
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$	-	\$	-
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 20,63	32 \$	19,869	\$	19,869
Total Tax Related Amounts	\$ 20,63	\$	19,869	\$	19,869
Incremental Tax Savings		-\$	763	-\$	763
Sharing of Tax Savings (50%)		-\$	382	-\$	382



File Number: IRM3

Effective Date: May 1, 2011

Version: 1.0

# **Calculate Tax Change Rate Rider Volumetric**

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change\$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Volumetric Rate kWh Rate Rider F = C / D	Volumetric Rate kW Rate Rider G = C / E
Residential	\$519,901.4700	68.01%	-\$259	19,657,452	0	\$0.0000	
General Service Less Than 50 kW	\$121,525	15.90%	-\$61	4,976,291	0	\$0.0000	
General Service 50 to 4,999 kW	\$91,970	12.03%	-\$46	4,387,835	12,779		-\$0.0036
Unmetered Scattered Load	\$13,897	1.82%	-\$7	93,536	0	-\$0.0001	
Street Lighting	\$17,136	2.24%	-\$9	388,274	1,066		-\$0.0080
	\$764.430	100.00%	¢327				

Enter the above value onto Sheet "J2.7 Tax Change Rate Rider" of the 2011 IRM3 Rate Generator.