



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

July 3, 2012

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

Re: Reply to Board Staff Interrogatories EB-2012-0051

Dear Ms. Walli:

Cooperative Hydro Embrun Inc. ("CHEI") hereby files its reply to Board staff interrogatories with respect to its application for the disposition of Account 1562.

As a result of the interrogatories CHEI has determined an updated disposition amount as shown below:

Request for Disposition of 1562 Balance

Principal as of July 31, 2012	-32,937
Interest as of July 31, 2012	-9,601
Amount Requested for Disposition of 1562 Balance	<u>-42,538</u>



Should the Board accept this amount as final, CHEI respectfully requests the following rate riders to be effective until April 30, 2014.

Rate Rider Calculation

From	August 1, 2012
To	April 30, 2014
Months	21

Rate Class	Vol Metric	Distribution Revenue	% Distribution Revenue	1562 PILs Allocation	kWh/kW Billed COS Forecast	1562 PILs Rate Rider
Residential	kWh	\$ 519,352	67.99%	-\$ 28,920	19,868,483	-\$ 0.0008
General Service Less Than 50 kW	kWh	\$ 121,525	15.91%	-\$ 6,767	4,729,493	-\$ 0.0008
General Service 50 to 4,999 kW	kW	\$ 91,970	12.04%	-\$ 5,121	11,793	-\$ 0.2481
Unmetered Scattered Load	kWh	\$ 13,921	1.82%	-\$ 775	89,786	-\$ 0.0049
Sentinel Lighting	kW	\$ -	0.00%	\$ -	-	\$ -
Street Lighting	kW	\$ 17,135	2.24%	-\$ 954	1,003	-\$ 0.5436
		<u>\$ 763,904</u>	<u>100.00%</u>	<u>-\$ 42,538</u>		

This document is being filed pursuant to the Board's e-Filing Services.

Yours Truly,

A handwritten signature in black ink, appearing to read 'Benoit Lamarche', is written over a light gray rectangular background.

Benoit Lamarche
General Manager



Cooperative Hydro Embrun Inc.

Disposition of 1562 PIL's Response to Interrogatories EB-2012-0051

Rates Effective: May 1, 2012

Date Filed: July 3, 2012

**Cooperative Hydro Embrun Inc.
821 Notre-dame Street
Embrun, ON
K0A 1W1**



File Number: EB-2012-0051

Date Filed: July 3, 2012

Tab 1 of 1

Response to Board Staff Interrogatories



File Number: EB-2012-0051

Tab: 1

Schedule: 1

Page: 1 of 1

Date Filed: July 3, 2012

Table of Contents

Title	Tab	Schedule	Attachment	Number
Cover Letter				
Cover Sheet				
Response to Board Staff Interrogatories	1			
Table of Contents	1	1		
Q 1. Amounts Billed to Customers	1	2		
Q 2. 2003 SIMPIL Model	1	3		
Q 3. Interest Expense	1	4		
Q 4. Tax Years – Statute-barred	1	5		
2003 SIMPILS Model	1	5	1	
2003 SIMPILS Model	1	5	1	1
CHEI ED Disposition 1562 Balance IR Response	1	5	2	
CHEI ED Disposition 1562 Balance IR Response	1	5	2	1

Q 1. Amounts Billed to Customers

1. Ref: CHE_ED Disposition 1562 Balance_20120207.xls Amounts Billed to Customers

a) Unmetered Scattered Load (USL)

Unmetered scattered load is listed as one of the components of the billing and recovery in the Excel spreadsheet. In the Board's decisions for 2002, 2004 and 2005, USL class fixed and volumetric rates were approved. In 2006 EDR and in 2010 EDR, CHEI has disclosed USL energy (kWh) sold (or forecast) for the years 2002 through 2010.

- i. Please explain why CHEI has not included USL in the recovery calculations.

CHEI Response:

As noted below CHEI has concurred with Board staff's observation with respect to using the 2006 EDR fixed and volumetric metrics and therefore adjusted the model accordingly.

- ii. Please update the recovery calculations and correct the dollar amounts.

CHEI Response:

See response above.

b) Tabs C1.1, C1.2 – Customer counts and monthly fixed charges

In the application evidence filed in 2002, 2004 and 2005, CHEI provided statistics of customer counts. In 2006 EDR, CHEI also provided statistics for 2002-2004. The customer count statistics for 2002 and 2003 used in the recovery calculations do not agree with the statistics provided in previous applications.

- i. Please explain why CHEI did not use the actual data filed in previous applications in the calculations of recoveries in this account 1562 PILs application.

CHEI Response:

CHEI concurs with Board staff's observation with respect to using the 2006 EDR fixed and volumetric metrics and therefore adjusted the model accordingly.

- ii. Please provide correct dollar recoveries based on the customer counts already filed with the Board.

2002 Customers/ Connections

Customer Class	2002 Customers/ Connections Evidence	2002 Customers/ Connections Filed in 2006 EDR
Residential	889	1,301
General Service < 50 KW	126	153
General Service > 50 KW	6	25
Streetlight – TOU	243	348
Unmetered Loads < 50 KW	-	18

2003 Customer/ Connections

Customer Class	2003 Customers/ Connections Evidence	2003 Customers/ Connections Filed in 2006 EDR
Residential	1,155	1,417
General Service < 50 KW	148	153
General Service > 50 KW	10	12



Q 1. Amounts Billed to Customers
File Number: EB-2012-0051

Tab: 1
Schedule: 2
Page: 3 of 5

Date Filed: July 3, 2012

Streetlight - TOU	306	384
Unmetered Loads < 50 KW	-	20

CHEI Response:

CHEI has adjusted the model as requested.

c) Tabs C1.1 2002 Volumetric billing determinants

The volumetric billing determinants for the ten months of 2002 appear to be lower than the full year statistics would indicate. Board staff prorated the 2002 statistics as filed in the 2006 EDR application and compared the prorated volumes with those used in the PILs recovery calculations.

- i. Please explain why the volumes shown as billed in 2002 are much lower than prorated actual volumes for the entire 2002 year.

Customer Class	Billing Parameter	Billed Consumption Mar. 1/02 to Dec 31/02	10/12 Pro-ration of Actual 2002 Statistics	2002 Statistics Filed in 2006 EDR
Residential	kWh's	9,988,364	13,330,696	15,996,835
General Service < 50 KW	kWh's	3,707,969	4,218,253	5,061,903
General Service > 50 KW	kW's	6,600	6,146	7,375
Streetlight - TOU	kW's	566	576	691
Unmetered Loads < 50 KW	kWh's	-	49,260	59,112

CHEI Response:

CHEI concurs with Board staff and has adjusted the model as requested.



1 d) Unbilled Revenue Accrual

2
3 CHEI stated in Exh.1/ Tab1/ Sch.5/ page 3/ lines 12-15 that,

4
5 *“Collections from customers have been defined as the amounts billed to*
6 *customers. CHEI confirms that amounts which at the time would have been*
7 *included in unbilled revenue accruals have now been included in collections.”*
8

- 9 i. Please explain how CHEI determined the PILs amounts associated with
10 unbilled revenue accrual as at April 30, 2006 and how this was included in
11 the various Excel worksheets.
12

13
14 **CHEI Response:**
15

16 CHEI applied the PIL's sliver rates as a monthly allocation against the units billed
17 to customers and tracked these to the variance account. Hence as the billing
18 rates changed from 2005 rates to 2006 rates CHEI used the OEB required
19 proration calculation for changing rates to account for the PIL's transactions.



Q 2. 2003 SIMPIL Model
File Number: EB-2012-0051

Tab: 1
Schedule: 3
Page: 1 of 1

Date Filed: July 3, 2012

Q 2. 2003 SIMPIL Model

2. 2003 SIMPIL Model

CHEI has used 19.12% as the income tax rate for 2003. The correct income tax rate for 2003 was 18.62%.

- i. Please correct and re-file the 2003 SIMPIL model by inserting 18.62% and the gross-up tax rate of 17.50% in the correct cells.

CHEI Response:

CHEI has corrected the 2003 SIMPIL model and re-files accordingly.

Q 3. Interest Expense

3. Interest Expense

Interest Portion of True-up – 2001 to 2005 SIMPIL - TAXCALC

When the actual interest expense, as reflected in the financial statements and tax returns, exceeds the maximum deemed interest amount approved by the Board, the excess amount is subject to a claw-back penalty and is shown in sheet TAXCALC as an extra deduction in the true-up calculations.

a) For the tax years 2001 to 2005:

- i. Please provide a table for the years 2001 to 2005 that shows all of the components of CHEI's interest expense and the amount associated with each type of interest.

CHEI Response:

	2001	2002	2003	2004	2005
Interest & Bank Charges	109.75	1823	133	545	486

- ii. Did CHEI have interest expense related to liabilities other than debt that is disclosed as interest expense in its financial statements?

CHEI does not have interest expense related to liabilities other than debt that is disclosed as interest expense in its financial statements

CHEI Response:

- iii. Did CHEI net interest income against interest expense in deriving the amount it shows as interest expense in its financial statements and tax returns? If yes, please provide details to what the interest income relates

CHEI Response:

CHEI did not net interest income against interest expense in deriving the amount it shows as interest expense in its financial statements and tax returns

- iv. Did CHEI include interest expense on customer security deposits in interest expense for purposes of the interest true-up calculation?

CHEI Response:

CHEI did include interest expense on customer security deposits in interest expense for purposes of the interest true-up calculation

- v. Did CHEI include interest income on customer security deposits in the disclosed amount of interest expense in its financial statements and tax returns?

CHEI Response:

CHEI did not include interest income on customer security deposits in the disclosed amount of interest expense in its financial statements and tax returns

- vi. Did CHEI include interest expense on IESO prudentials in interest expense?

CHEI Response:

CHEI did not incur interest expense on IESO prudentials.

- vii. Did CHEI include interest carrying charges on regulatory assets or liabilities in interest expense?

CHEI Response:

CHEI did include interest carrying charges on regulatory assets or liabilities in interest expense

- viii. Did CHEI include the amortization of debt issue costs, debt discounts or debt premiums in interest expense? If the answer is yes, did CHEI also include the



Q 3. Interest Expense
File Number: EB-2012-0051

Tab: 1
Schedule: 4
Page: 3 of 3

Date Filed: July 3, 2012

1 difference between the accounting and tax amortization amounts in the interest
2 true-up calculations? Please explain.

3
4 **CHEI Response:**

5
6
7 CHEI did not include the amortization of debt issue costs, debt discounts
8 or debt premiums in interest expense.
9

10
11 ix. Did CHEI deduct capitalized interest in deriving the interest expense disclosed
12 in its financial statements? If the answer is yes, did CHEI add back the
13 capitalized interest to the actual interest expense amount for purposes of the
14 interest true-up calculations? Please explain.

15
16 **CHEI Response:**

17
18 CHEI did not deduct capitalized interest in deriving the interest expense
19 disclosed in its financial statements



Q 4. Tax Years – Statute-barred
File Number: EB-2012-0051

Tab: 1
Schedule: 5
Page: 1 of 1

Date Filed: July 3, 2012

Q 4. Tax Years – Statute-barred

4. Tax Years – Statute-barred

Please confirm that all tax years from 2001 to 2005 are now statute-barred.

CHEI Response:

CHEI confirms that all tax years from 2001 to 2005 are now statute-barred.



File Number:EB-2012-0051

Tab: 1
Schedule: 5

Date Filed: July 3, 2012

Attachment 1 of 2

2003 SIMPILS Model

Disposition of Balance Recorded in Account 1562 Deferred F

Distributor	Cooperative Hydro Embrun Inc.
OEB File Number	EB-2011-0164
Filing Year	2003

	A	B	C	D	E
1	PILs TAXES				Version 2009.1
2	REGULATORY INFORMATION (REGINFO)				
3	Utility Name: Cooperative Hydro Embrun Inc.			Colour Code	
4	Reporting period: 2003			Input Cell	
5				Formula in Cell	
6	Days in reporting period:	365	days		
7	Total days in the calendar year:	365	days		
8					
9	BACKGROUND				
10	Has the utility reviewed section 149(1) ITA to				
11	confirm that it is not subject to regular corporate				
12	tax (and therefore subject to PILs)?		Y/N	Y	
13					
14	Was the utility recently acquired by Hydro One				
15	and now subject to s.89 & 90 PILs?		Y/N	N	
16					
17	Is the utility a non-profit corporation?		Y/N	N	
18	(If it is a non-profit corporation, please contact the Rates Manager at the OEB)				
19	Are the Ontario Capital Tax & Large Corporations Tax Exemptions shared among the corporate group?	OCT	Y/N	N	
20		LCT	Y/N	N	
21	Please identify the % used to allocate the OCT and LCT exemptions in Cells C65 & C74 in the TAXCALC spreadsheet.	OCT		3%	
22		LCT		0%	
23					
24	Accounting Year End		Date	31-Dec-03	
25					
26	MARR NO TAX CALCULATIONS				Regulatory
27	SHEET #7 FINAL RUD MODEL DATA				Income
28	(FROM 1999 FINANCIAL STATEMENTS)				
29	USE BOARD-APPROVED AMOUNTS				
30					
31	Rate Base (wires-only)			1,505,986	
32					
33	Common Equity Ratio (CER)			50.00%	
34					
35	1-CER			50.00%	
36					
37	Target Return On Equity			9.88%	
38					
39	Debt rate			7.25%	
40					
41	Market Adjusted Revenue Requirement			128,988	
42					
43	1999 return from RUD Sheet #7			94,539	94,539
44					
45	Total Incremental revenue			34,449	
46	Input: Board-approved dollar amounts phased-in				
47	Amount allowed in 2001			11,483	11,483
48	Amount allowed in 2002			11,483	11,483
49	Amount allowed in 2003 and 2004 (will be zero due to Bill 210				0
50	unless authorized by the Minister and the Board)				0
51	Amount allowed in 2005 - Third tranche of MARR re: CDM				0
52	Other Board-approved changes to MARR or incremental revenue				0
53					0
54	Total Regulatory Income				117,505
55					
56	Equity			752,993	
57					
58	Return at target ROE			74,396	
59					
60	Debt			752,993	
61					
62	Deemed interest amount in 100% of MARR			54,592	
63					
64	Phase-in of interest - Year 1 (2001)			44,872	
65	((D43+D47)/D41)*D61				
66	Phase-in of interest - Year 2 (2002)			49,732	
67	((D43+D47+D48)/D41)*D61				
68	Phase-in of interest - Year 3 (2003) and forward			49,732	
69	((D43+D47+D48)/D41)*D61 (due to Bill 210)				
70	Phase-in of interest - 2005			54,592	
71					
72					

	A	B	C	D	E	F	G	H
1	PILs TAXES	ITEM	Initial		M of F	M of F	Tax	
2	PILs DEFERRAL AND VARIANCE ACCOUNTS		Estimate		Filing	Filing	Returns	
3	TAX CALCULATIONS (TAXCALC)				Variance	Variance		
4	("Wires-only" business - see Tab TAXREC)				K-C	Explanation		
5	0						Version 2009.1	
6	Utility Name: Cooperative Hydro Embrun Inc.							
7	Reporting period: 2003							
8							Column	
9	Days in reporting period:	365	days				Brought	
10	Total days in the calendar year:	365	days				From	
11							TAXREC	
12			\$		\$		\$	
13								
14	I) CORPORATE INCOME TAXES							
15								
16	Regulatory Net Income REGINFO E53	1	117,505		-23,741		93,764	
17								
18	BOOK TO TAX ADJUSTMENTS							
19	Additions:							
20	Depreciation & Amortization	2	83,300		15,930		99,230	
21	Employee Benefit Plans - Accrued, Not Paid	3			0		0	
22	Tax reserves - beginning of year	4			4,725		4,725	
23	Reserves from financial statements - end of year	4			5,227		5,227	
24	Regulatory Adjustments - increase in income	5	13,651		-13,651		0	
25	Other Additions (See Tab entitled "TAXREC")							
26	"Material" Items from "TAXREC" worksheet	6			0		0	
27	Other Additions (not "Material") "TAXREC"	6			0		0	
28	"Material Items from "TAXREC 2" worksheet	6			0		0	
29	Other Additions (not "Material") "TAXREC 2"	6			0		0	
30	Items on which true-up does not apply "TAXREC 3"				16,337		16,337	
31								
32	Deductions: Input positive numbers							
33	Capital Cost Allowance and CEC	7	50,017		38,060		88,077	
34	Employee Benefit Plans - Paid Amounts	8			0		0	
35	Items Capitalized for Regulatory Purposes	9			0		0	
36	Regulatory Adjustments - deduction for tax purposes in Item 5	10			0		0	
37	Interest Expense Deemed/ Incurred	11	49,732		-49,599		133	
38	Tax reserves - end of year	4			5,227		5,227	
39	Reserves from financial statements - beginning of year	4			4,725		4,725	
40	Contributions to deferred income plans	3			0		0	
41	Contributions to pension plans	3			0		0	
42	Interest capitalized for accounting but deducted for tax	11			0		0	
43	Other Deductions (See Tab entitled "TAXREC")							
44	"Material" Items from "TAXREC" worksheet	12			0		0	
45	Other Deductions (not "Material") "TAXREC"	12			0		0	
46	Material Items from "TAXREC 2" worksheet	12			0		0	
47	Other Deductions (not "Material") "TAXREC 2"	12			0		0	
48	Items on which true-up does not apply "TAXREC 3"				145,857		145,857	
49								
50	TAXABLE INCOME/ (LOSS)		114,707		-139,443	Before loss C/F	-24,736	
51								
52	BLENDED INCOME TAX RATE							
53	Tab Tax Rates - Regulatory from Table 1; Actual from Table 3	13	19.12%		-19.1200%		0.00%	
54								
55	REGULATORY INCOME TAX		21,932		-21,932	Actual	0	
56								
57								
58	Miscellaneous Tax Credits	14			0	Actual	0	
59								
60	Total Regulatory Income Tax		21,932		-21,932	Actual	0	
61								
62								
63	II) CAPITAL TAXES							
64								
65	Ontario							
66	Base	15	1,505,986		1,654,020		3,160,006	
67	Less: Exemption -Tax Rates - Regulatory, Table 1; Actual, Table 3	16	5,000,000		0		5,000,000	
68	Taxable Capital		0		1,654,020		0	
69								
70	Rate - Tax Rates - Regulatory, Table 1; Actual, Table 3	17	0.3000%		0.0000%		0.3000%	
71								
72	Ontario Capital Tax		0		0	Overpaid	0	
73								
74	Federal Large Corporations Tax							
75	Base	18	1,505,986		1,654,020		3,160,006	
76	Less: Exemption -Tax Rates - Regulatory, Table 1; Actual, Table 3	19	10,000,000		0		10,000,000	
77	Taxable Capital		0		1,654,020		0	
78								
79	Rate - Tax Rates - Regulatory, Table 1; Actual, Table 3	20	0.2250%		0.0000%		0.2250%	
80								
81	Gross Amount of LCT before surtax offset (Taxable Capital x Rate)		0		0		0	
82	Less: Federal Surtax 1.12% x Taxable Income	21	0		0		0	
83								
84	Net LCT		0		0		0	
85								

	A	B	C	D	E	F	G	H
1	PILs TAXES	ITEM	Initial		M of F	M of F	Tax	
2	PILs DEFERRAL AND VARIANCE ACCOUNTS		Estimate		Filing	Filing	Returns	
3	TAX CALCULATIONS (TAXCALC)				Variance	Variance		
4	("Wires-only" business - see Tab TAXREC)				K-C	Explanation		
5	0						Version 2009.1	
6	Utility Name: Cooperative Hydro Embrun Inc.							
7	Reporting period: 2003							
8							Column	
9	Days in reporting period:	365	days				Brought	
10	Total days in the calendar year:	365	days				From	
11							TAXREC	
12			\$		\$		\$	
13								
86	III) INCLUSION IN RATES							
87								
88	Income Tax Rate used for gross- up (exclude surtax)		19.12%					
89								
90	Income Tax (proxy tax is grossed-up)	22	27,117			Actual 2003	0	
91	LCT (proxy tax is grossed-up)	23	0			Actual 2003	0	
92	Ontario Capital Tax (no gross-up since it is deductible)	24	0			Actual 2003	0	
93								
94								
95	Total PILs for Rate Adjustment -- MUST AGREE WITH 2002	25	27,117			Actual 2003	0	
96	RAM DECISION							
97								
98								
99	IV) FUTURE TRUE-UPS							
100	IV a) Calculation of the True-up Variance				DR/(CR)			
101	In Additions:							
102	Employee Benefit Plans - Accrued, Not Paid	3			0			
103	Tax reserves deducted in prior year	4			4,725			
104	Reserves from financial statements-end of year	4			5,227			
105	Regulatory Adjustments	5			-13,651			
106	Other additions "Material" Items TAXREC	6			0			
107	Other additions "Material" Items TAXREC 2	6			0			
108	In Deductions - positive numbers							
109	Employee Benefit Plans - Paid Amounts	8			0			
110	Items Capitalized for Regulatory Purposes	9			0			
111	Regulatory Adjustments	10			0			
112	Interest Adjustment for tax purposes (See Below - cell I204)	11			0			
113	Tax reserves claimed in current year	4			5,227			
114	Reserves from F/S beginning of year	4			4,725			
115	Contributions to deferred income plans	3			0			
116	Contributions to pension plans	3			0			
117	Other deductions "Material" Items TAXREC	12			0			
118	Other deductions "Material" Item TAXREC 2	12			0			
119								
120	Total TRUE-UPS before tax effect	26		=	-13,651			
121								
122	Income Tax Rate (including surtax) from 2003 Utility's tax return			x	18.62%			
123								
124	Income Tax Effect on True-up adjustments			=	-2,542			
125								
126	Less: Miscellaneous Tax Credits	14			0			
127								
128	Total Income Tax on True-ups				-2,542			
129								
130	Income Tax Rate used for gross-up (exclude surtax)				17.50%			
131								
132	TRUE-UP VARIANCE ADJUSTMENT				-3,081			
133								
	IV b) Calculation of the Deferral Account Variance caused by changes in legislation							
134								
135								
136	REGULATORY TAXABLE INCOME /(LOSSES) (as reported in the initial estimate column)			=	114,707			
137								
138	REVISED CORPORATE INCOME TAX RATE (including Surtax)			x	18.62%			
139								
140	REVISED REGULATORY INCOME TAX			=	21,358			
141								
142	Less: Revised Miscellaneous Tax Credits			-	0			
143								
144	Total Revised Regulatory Income Tax			=	21,358			
145								
146	Less: Regulatory Income Tax reported in the Initial Estimate Column (Cell C58)			-	21,932			
147								
148	Regulatory Income Tax Variance			=	-574			
149								

	A	B	C	D	E	F	G	H
1	PILs TAXES	ITEM	Initial		M of F	M of F	Tax	
2	PILs DEFERRAL AND VARIANCE ACCOUNTS		Estimate		Filing	Filing	Returns	
3	TAX CALCULATIONS (TAXCALC)				Variance	Variance		
4	("Wires-only" business - see Tab TAXREC)				K-C	Explanation		
5	0						Version 2009.1	
6	Utility Name: Cooperative Hydro Embrun Inc.							
7	Reporting period: 2003							
8							Column	
9	Days in reporting period:	365	days				Brought	
10	Total days in the calendar year:	365	days				From	
11							TAXREC	
12			\$		\$		\$	
13								
150	Ontario Capital Tax							
151	Base			=	1,505,986			
152	Less: Exemption from tab Tax Rates, Table 2, cell C39			-	5,000,000			
153	Revised deemed taxable capital			=	-3,494,014			
154								
155	Rate - Tab Tax Rates cell C54			x	0.3000%			
156								
157	Revised Ontario Capital Tax			=	0			
	Less: Ontario Capital Tax reported in the initial estimate column (Cell C70)							
158				-	0			
159	Regulatory Ontario Capital Tax Variance			=	0			
160								
161	Federal LCT							
162	Base				1,505,986			
163	Less: Exemption from tab Tax Rates, Table 2, cell C40			-	10,000,000			
164	Revised Federal LCT			=	-8,494,014			
165								
166	Rate (as a result of legislative changes) tab 'Tax Rates' cell C51				0.2250%			
167								
168	Gross Amount				0			
169	Less: Federal surtax			-	0			
170	Revised Net LCT			=	0			
171								
172	Less: Federal LCT reported in the initial estimate column (Cell C82)			-	0			
173	Regulatory Federal LCT Variance			=	0			
174								
175	Actual Income Tax Rate used for gross-up (exclude surtax)				17.50%			
176								
177	Income Tax (grossed-up)			+	-695			
178	LCT (grossed-up)			+	0			
179	Ontario Capital Tax			+	0			
180								
181	DEFERRAL ACCOUNT VARIANCE ADJUSTMENT			=	-695			
182								
183	TRUE-UP VARIANCE (from cell I130)			+	-3,081			
184								
185	Total Deferral Account Entry (Positive Entry = Debit)			=	-3,776			
186	<i>(Deferral Account Variance + True-up Variance)</i>							
187								
188								
189								
190	V) INTEREST PORTION OF TRUE-UP							
191	Variance Caused By Phase-in of Deemed Debt							
192								
193	Total deemed interest (REGINFO)				54,592			
194	Interest phased-in (Cell C36)				49,732			
195								
196	Variance due to phase-in of debt component of MARR in rates				4,860			
197	according to the Board's decision							
198								
199	Other Interest Variances (i.e. Borrowing Levels							
200	Above Deemed Debt per Rate Handbook)							
201	Interest deducted on MoF filing (Cell K36+K41)				133			
202	Total deemed interest (REGINFO CELL D61)				54,592			
203								
204	Variance caused by excess debt				0			
205								
206	Interest Adjustment for Tax Purposes (carry forward to Cell I110)				0			
207								
208	Total Interest Variance				4,860			
209								
210								

	A	B	C	D	E	F
1	PILs TAXES	LINE	M of F	Non-wires	Wires-only	
2	TAX RETURN RECONCILIATION (TAXREC)		Corporate	Eliminations	Tax	
3	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
4	0		Return			
5					Version 2009.1	
6	Section A: Identification:					
7	Utility Name: Cooperative Hydro Embrun Inc.					
8	Reporting period: 2003					
9	Taxation Year's start date:					
10	Taxation Year's end date:					
11	Number of days in taxation year:		365	days		
12						
13	Please enter the Materiality Level :		1,882	< - enter materiality level		
14	(0.25% x Rate Base x CER)	Y/N	Y			
15	(0.25% x Net Assets)	Y/N	N			
16	Or other measure (please provide the basis of the amount)	Y/N	N			
17	Does the utility carry on non-wires related operation?	Y/N	N			
18	(Please complete the questionnaire in the Background questionnaire worksheet.)					
19						
20	Note: Carry forward Wires-only Data to Tab "TAXCALC" Column K					
21						
22	Section B: Financial statements data:					
23	<i>Input unconsolidated financial statement data submitted with Tax returns.</i>					
24	<i>The actual categories of the income statements should be used.</i>					
25	<i>If required please change the descriptions except for amortization, interest expense and provision for income tax</i>					
26						
27	<i>Please enter the non-wire operation's amount as a positive number, the program automatically treats all amounts</i>					
28	<i>in the "non-wires elimination column" as negative values in TAXREC and TAXREC2.</i>					
29						
30	Income:					
31	Energy Sales	+	1,995,695		1,995,695	
32	Distribution Revenue	+			0	
33	Other Income	+	64,179		64,179	
34	Miscellaneous income	+			0	
35		+			0	
36	Revenue should be entered above this line					
37						
38	Costs and Expenses:					
39	Cost of energy purchased	-	1,549,144		1,549,144	
40	Administration	-	153,929		153,929	
41	Customer billing and collecting	-	71,426		71,426	
42	Operations and maintenance	-	46,878		46,878	
43	Amortization	-	99,230		99,230	
44	Ontario Capital Tax	-			0	
45	Bad debts	-	502		502	
46		-			0	
47	Amortization of transition costs	-	13,651		13,651	
48	Patronage	-	31,350		31,350	
49						
50	Net Income Before Interest & Income Taxes EBIT	=	93,764	0	93,764	
51	Less: Interest expense for accounting purposes	-	133		133	
52	Provision for payments in lieu of income taxes	-	-224		-224	
53	Net Income (loss)	=	93,855	0	93,855	
54	(The Net Income (loss) on the MoF column should equal to the net income (loss) per financial statements on Schedule 1 of the tax return.)					
55						
56	Section C: Reconciliation of accounting income to taxable income					
57	From T2 Schedule 1					
58	BOOK TO TAX ADDITIONS:					
59	Provision for income tax	+	-224	0	-224	
60	Federal large corporation tax	+			0	
61	Depreciation & Amortization	+	99,230	0	99,230	
62	Employee benefit plans-accrued, not paid	+		0	0	
63	Tax reserves - beginning of year	+	4,725	0	4,725	
64	Reserves from financial statements- end of year	+	5,227	0	5,227	
65	Regulatory adjustments on which true-up may apply (see A66)	+			0	
66	Items on which true-up does not apply "TAXREC 3"		16,337	0	16,337	
67	Material addition items from TAXREC 2	+	0	0	0	
68	Other addition items (not Material) from TAXREC 2	+	0	0	0	
69						
70	<i>Subtotal</i>		125,295	0	125,295	
71						
72	<i>Other Additions: (Please explain the nature of the additions)</i>					

	A	B	C	D	E	F
1	PILs TAXES	LINE	M of F	Non-wires	Wires-only	
2	TAX RETURN RECONCILIATION (TAXREC)		Corporate	Eliminations	Tax	
3	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
4	0		Return			
5					Version 2009.1	
73	Recapture of CCA	+			0	
74	Non-deductible meals and entertainment expense	+			0	
75	Capital items expensed	+			0	
76		+			0	
77		+			0	
78		+			0	
79		+			0	
80	<i>Total Other Additions</i>	=	0	0	0	
81						
82	Total Additions	=	125,295	0	125,295	
83						
84	Recap Material Additions:					
85			0	0	0	
86			0	0	0	
87			0	0	0	
88			0	0	0	
89			0	0	0	
90			0	0	0	
91			0	0	0	
92	<i>Total Other additions >materiality level</i>		0	0	0	
93	Other additions (less than materiality level)		0	0	0	
94	Total Other Additions		0	0	0	
95						
96	BOOK TO TAX DEDUCTIONS:					
97	Capital cost allowance	-	81,160		81,160	
98	Cumulative eligible capital deduction	-	6,917		6,917	
99	Employee benefit plans-paid amounts	-			0	
100	Items capitalized for regulatory purposes	-			0	
101	<i>Regulatory adjustments :</i>	-			0	
102	CCA	-			0	
103	<i>other deductions</i>	-			0	
104	<i>Tax reserves - end of year</i>	-	5,227	0	5,227	
105	<i>Reserves from financial statements- beginning of year</i>	-	4,725	0	4,725	
106	<i>Contributions to deferred income plans</i>	-			0	
107	<i>Contributions to pension plans</i>	-			0	
108	Items on which true-up does not apply "TAXREC 3"		145,857	0	145,857	
109	Interest capitalized for accounting deducted for tax	-			0	
110	Material deduction items from TAXREC 2	-	0	0	0	
111	Other deduction items (not Material) from TAXREC 2	-	0	0	0	
112						
113	Subtotal	=	243,886	0	243,886	
114	<i>Other deductions (Please explain the nature of the deductions)</i>					
115	Charitable donations - tax basis	-			0	
116	<i>Gain on disposal of assets</i>	-			0	
117		-			0	
118					0	
119		-			0	
120	<i>Total Other Deductions</i>	=	0	0	0	
121						
122	Total Deductions	=	243,886	0	243,886	
123						
124	Recap Material Deductions:					
125			0	0	0	
126			0	0	0	
127			0	0	0	
128			0	0	0	
129			0	0	0	
130	<i>Total Other Deductions exceed materiality level</i>		0	0	0	
131	Other Deductions less than materiality level		0	0	0	
132	Total Other Deductions		0	0	0	
133						
134	TAXABLE INCOME	=	-24,736	0	-24,736	
135	DEDUCT:					
136	Non-capital loss applied positive number	-			0	
137	Net capital loss applied positive number	-			0	
138					0	
139	NET TAXABLE INCOME	=	-24,736	0	-24,736	
140						

	A	B	C	D	E	F
1	PILs TAXES	LINE	M of F	Non-wires	Wires-only	
2	TAX RETURN RECONCILIATION (TAXREC)		Corporate	Eliminations	Tax	
3	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
4	0		Return			
5					Version 2009.1	
141	FROM ACTUAL TAX RETURNS					
142	Net Federal Income Tax (Must agree with tax return)	+	0		0	
143	Net Ontario Income Tax (Must agree with tax return)	+	0		0	
144	Subtotal	=	0	0	0	
145	Less: Miscellaneous tax credits (Must agree with tax returns)	-			0	
146	Total Income Tax	=	0	0	0	
147						
148	FROM ACTUAL TAX RETURNS					
149	Net Federal Income Tax Rate (Must agree with tax return)		0.00%		0.00%	Divide federal
150	Net Ontario Income Tax Rate (Must agree with tax return)		0.00%		0.00%	Divide Ontario
151	Blended Income Tax Rate		0.00%	*****	0.00%	
152						
153	Section F: Income and Capital Taxes					
154						
155	RECAP					
156	Total Income Taxes	+	0	0	0	
157	Ontario Capital Tax	+			0	
158	Federal Large Corporations Tax	+			0	
159						
160	Total income and capital taxes	=	0	0	0	
161						
162						

	A	B	C	D	E	F
1	PILs TAXES	LINE	M of F	Non-wires	Wires-only	
2	Tax and Accounting Reserves		Corporate	Eliminations	Tax	
3	For MoF Column of TAXCALC		Tax		Return	
4	(for "wires-only" business - see s. 72 OEB Act)		Return			
5	0				Version 2009.1	
6						
7	Utility Name: Cooperative Hydro Embrun Inc.					
8	Reporting period: 2003					
9						
10	TAX RESERVES					
11						
12	Beginning of Year:					
13					0	
14	Reserve for doubtful accounts ss. 20(1)(l)		4,725		4,725	
15	Reserve for goods & services ss.20(1)(m)				0	
16	Reserve for unpaid amounts ss.20(1)(n)				0	
17	Debt and share issue expenses ss.20(1)(e)				0	
18	Other - Please describe				0	
19	Other - Please describe				0	
20					0	
21					0	
22	Total (carry forward to the TAXREC worksheet)		4,725	0	4,725	
23						
24	End of Year:					
25					0	
26	Reserve for doubtful accounts ss. 20(1)(l)		5,227		5,227	
27	Reserve for goods & services ss.20(1)(m)				0	
28	Reserve for unpaid amounts ss.20(1)(n)				0	
29	Debt and share issue expenses ss.20(1)(e)				0	
30	Other - Please describe				0	
31	Other - Please describe				0	
32					0	
33					0	
34	Insert line above this line					
35	Total (carry forward to the TAXREC worksheet)		5,227	0	5,227	
36						
37						
38	FINANCIAL STATEMENT RESERVES					
39						
40	Beginning of Year:					
41					0	
42					0	
43	Environmental				0	
44	Allowance for doubtful accounts		4,725		4,725	
45	Inventory obsolescence				0	
46	Property taxes				0	
47	OPEB				0	
48	Other - Please describe					
49	Other - Please describe				0	
50					0	
51	Total (carry forward to the TAXREC worksheet)		4,725	0	4,725	
52						
53	End of Year:					
54					0	
55					0	
56	Environmental				0	
57	Allowance for doubtful accounts		5,227		5,227	
58	Inventory obsolescence				0	
59	Property taxes				0	
60	OPEB				0	
61					0	
62					0	
63	Insert line above this line					
64	Total (carry forward to the TAXREC worksheet)		5,227	0	5,227	
65						
66						

	A	B	C	D	E	F
1						
2	PILs TAXES	LINE	M of F	Non-wires	Wires-only	
3	TAX RETURN RECONCILIATION (TAXREC 2)		Corporate	Eliminations	Tax	
4	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
5	RATEPAYERS ONLY		Return			
6	Shareholder-only Items should be shown on TAXREC 3				Version 2009.1	
7						
8	Utility Name: Cooperative Hydro Embrun Inc.					
9	Reporting period: 2003					
10	Number of days in taxation year:		365			
11	Materiality Level:		1,882			
12						
13						
14						
15	Section C: Reconciliation of accounting income to taxable income					
16	Add:					
17		+			0	
18	Gain on sale of eligible capital property	+			0	
19	Loss on disposal of assets	+			0	
20	Charitable donations (Only if it benefits ratepayers)	+			0	
21	Taxable capital gains	+			0	
22		+			0	
23	Scientific research expenditures deducted	+			0	
24	per financial statements	+			0	
25	Capitalized interest	+			0	
26	Soft costs on construction and renovation of buildings	+			0	
27	Capital items expensed	+			0	
28	Debt issue expense	+			0	
29	Financing fees deducted in books	+			0	
30	Gain on settlement of debt	+			0	
31	Interest paid on income debentures	+			0	
32	Recapture of SR&ED expenditures	+			0	
33	Share issue expense	+			0	
34	Write down of capital property	+			0	
35	Amounts received in respect of qualifying environment trust	+			0	
36	Provision for bad debts	+			0	
37		+			0	
38		+			0	
39		+			0	
40	Other Additions: (please explain in detail the nature of the item)	+			0	
41		+			0	
42		+			0	
43		+			0	
44		+			0	
45		+				
46	Total Additions	=	0	0	0	
47						
48	Recap of Material Additions:					
49			0	0	0	
50			0	0	0	
51			0	0	0	
52			0	0	0	
53			0	0	0	
54			0	0	0	
55			0	0	0	
56			0	0	0	
57			0	0	0	
58			0	0	0	
59			0	0	0	
60			0	0	0	
61			0	0	0	
62			0	0	0	
63			0	0	0	
64			0	0	0	
65			0	0	0	
66			0	0	0	
67			0	0	0	
68			0	0	0	
69			0	0	0	
70			0	0	0	
71			0	0	0	
72			0	0	0	
73			0	0	0	
74			0	0	0	
75			0	0	0	
76			0	0	0	

	A	B	C	D	E	F
1						
2	PILs TAXES	LINE	M of F	Non-wires	Wires-only	
3	TAX RETURN RECONCILIATION (TAXREC 2)		Corporate	Eliminations	Tax	
4	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
5	RATEPAYERS ONLY		Return			
6	Shareholder-only Items should be shown on TAXREC 3				Version 2009.1	
7						
8	Utility Name: Cooperative Hydro Embrun Inc.					
9	Reporting period: 2003					
10	Number of days in taxation year:		365			
11	Materiality Level:		1,882			
12						
13						
77	Total Material additions		0	0	0	
78	Other additions less than materiality level		0	0	0	
79	Total Additions		0	0	0	
80						
81	Deduct:					
82	Gain on disposal of assets per f/s	-			0	
83	Dividends not taxable under section 83	-			0	
84	Terminal loss from Schedule 8	-			0	
85	Depreciation in inventory, end of prior year	-			0	
86	Scientific research expenses claimed in year from Form T661	-			0	
87	Bad debts	-			0	
88	Book income of joint venture or partnership	-			0	
89	Equity in income from subsidiary or affiliates	-			0	
90	Contributions to a qualifying environment trust	-			0	
91	Other income from financial statements	-			0	
92		-				
93		-			0	
94		-			0	
95	<i>Other deductions: (Please explain in detail the nature of the item)</i>	-			0	
96		-			0	
97		-			0	
98		-			0	
99	Total Deductions	=	0	0	0	
100						
101	Recap of Material Deductions:					
102			0	0	0	
103			0	0	0	
104			0	0	0	
105			0	0	0	
106			0	0	0	
107			0	0	0	
108			0	0	0	
109			0	0	0	
110			0	0	0	
111			0	0	0	
112			0	0	0	
113			0	0	0	
114			0	0	0	
115			0	0	0	
116			0	0	0	
117			0	0	0	
118			0	0	0	
119	Total Deductions exceed materiality level		0	0	0	
120	Other deductions less than materiality level		0	0	0	
121	Total Deductions		0	0	0	
122						
123						
124						

	A	B	C	D	E	F
1						
2	PILs TAXES					
3	TAX RETURN RECONCILIATION (TAXREC 3)					
4	Shareholder-only Items should be shown on TAXREC 3	LINE	M of F	Non-wires	Wires-only	
5	<u>ITEMS ON WHICH TRUE-UP DOES NOT APPLY</u>		Corporate	Eliminations	Tax	
6	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
7		0	Return			
8	Utility Name: Cooperative Hydro Embrun Inc.				Version 2009.1	
9						
10						
11	Reporting period: 2003					
12	Number of days in taxation year:		365			
13						
14						
15						
16	Section C: Reconciliation of accounting income to taxable income					
17	Add:					
18						
19	Recapture of capital cost allowance	+			0	
20	CCA adjustments	+			0	
21	CEC adjustments	+			0	
22	Gain on sale of non-utility eligible capital property	+			0	
23	Gain on sale of utility eligible capital property	+			0	
24	Loss from joint ventures or partnerships	+	2,686		2,686	
25	Deemed dividend income	+			0	
26	Loss in equity of subsidiaries and affiliates	+			0	
27	Loss on disposal of utility assets	+			0	
28	Loss on disposal of non-utility assets	+			0	
29	Depreciation in inventory -end of year	+			0	
30	Depreciation and amortization adjustments	+			0	
31	Dividends credited to investment account	+			0	
32	Non-deductible meals	+			0	
33	Non-deductible club dues	+			0	
34	Non-deductible automobile costs	+			0	
35	Donations - amount per books	+			0	
36	Interest and penalties on unpaid taxes	+			0	
37	Management bonuses unpaid after 180 days of year end	+			0	
38	Imputed interest expense on Regulatory Assets	+			0	
39		+			0	
40	Ontario capital tax adjustments	+			0	
41	Changes in Regulatory Asset balances	+			0	
42		+			0	
43	<i>Other Additions: (please explain in detail the nature of the item)</i>	+			0	
44	Amortization of transition costs	+	13,651		13,651	
45		+			0	
46		+				
47	Total Additions on which true-up does not apply	=	16,337	0	16,337	
48						
49	Deduct:					
50						
51	CCA adjustments	-			0	
52	CEC adjustments	-			0	
53	Depreciation and amortization adjustments	-			0	
54	Gain on disposal of assets per financial statements	-			0	
55	Financing fee amorization - considered to be interest expense for PILs	-			0	
56	Imputed interest income on Regulatory Assets	-			0	
57	Donations - amount deductible for tax purposes	-			0	
58	Income from joint ventures or partnerships	-			0	
59	Couts de systeme de facturation 1/5	-	20,443		20,443	
60	Couts de transition capitalises pour etats finaciers	-	125,414		125,414	
61		-			0	
62		-			0	
63		-			0	
64	Ontario capital tax adjustments to current or prior year	-			0	
65		-			0	
66	Changes in Regulatory Asset balances	-			0	
67		-			0	
68	<i>Other deductions: (Please explain in detail the nature of the item)</i>	-			0	
69		-			0	
70		-			0	
71		-			0	
72		-			0	

	A	B	C	D	E	F
4	Shareholder-only Items should be shown on TAXREC 3	LINE	M of F	Non-wires	Wires-only	
5	<u>ITEMS ON WHICH TRUE-UP DOES NOT APPLY</u>		Corporate	Eliminations	Tax	
6	(for "wires-only" business - see s. 72 OEB Act)		Tax		Return	
7	0		Return			
8	Utility Name: Cooperative Hydro Embrun Inc.				Version 2009.1	
73	<u>Total Deductions on which true-up does not apply</u>	=	145,857	0	145,857	
74						

	A	B	C	D	E	F	G
1	PILs TAXES						
2	Corporate Tax Rates						Version 2009.1
3	Exemptions, Deductions, or Thresholds						
4	Utility Name: Cooperative Hydro Embrun Inc.						
5	Reporting period: 2003						
6							
7							Table 1
8	Rates Used in 2002 RAM PILs Applications for 2002						
9	Income Range		0 to 200,000		200,001 to 700,000		>700,000
10	RAM 2002						
11		Year					
12	Income Tax Rate						
13	Proxy Tax Year	2002					
14	Federal (Includes surtax)		13.12%		26.12%		26.12%
15	and Ontario blended		6.00%		6.00%		12.50%
16	Blended rate		19.12%		34.12%		38.62%
17							
18	Capital Tax Rate		0.300%				
19	LCT rate		0.225%				
20	Surtax		1.12%				
21	Ontario Capital Tax Exemption **	MAX \$5MM	5,000,000				
22	Federal Large Corporations Tax Exemption **	MAX \$10MM	10,000,000				
	**Exemption amounts must agree with the Board-approved 2002 RAM PILs filing						
23							
24							
25							Table 2
26	Expected Income Tax Rates for 2003 and Capital Tax Exemptions for 2003						
27	Income Range		0 to 250,000	250,001 to 400,000	400,001 to 1,128,000		>1128000
28	Expected Rates						
29		Year					
30	Income Tax Rate						
31	Current year	2003					
32	Federal (Includes surtax)		13.12%	22.12%	22.12%		24.12%
33	Ontario		5.50%	5.50%	9.75%		12.50%
34	Blended rate		18.62%	27.62%	31.87%		36.62%
35							
36	Capital Tax Rate		0.300%				
37	LCT rate		0.225%				
38	Surtax		1.12%				
39	Ontario Capital Tax Exemption *** 2003	MAX \$5MM	5,000,000				
40	Federal Large Corporations Tax Exemption *** 2003	MAX \$10MM	10,000,000				
41	***Allocation of exemptions must comply with the Board's instructions regarding regulated activities.						
42							
43							Table 3
44	Input Information from Utility's Actual 2003 Tax Returns						
45	Income Range		0 to 250,000	250,001 to 400,000	400,001 to 1,128,000		>1128000
46							
47		Year					
48	Income Tax Rate						
49	Current year	2003					
50	Federal (Includes surtax)		13.12%	22.12%	22.12%		24.12%
51	Ontario		5.50%	5.50%	9.75%		12.50%
52	Blended rate		18.62%	27.62%	31.87%		36.62%
53							
54	Capital Tax Rate		0.300%				
55	LCT rate		0.225%				
56	Surtax		1.12%				
57	Ontario Capital Tax Exemption *	MAX \$5.0MM	5,000,000				
58	Federal Large Corporations Tax Exemption *	MAX \$10MM	10,000,000				
59	* Include copies of the actual tax return allocation calculations in your submission: Ontario CT23 page 11; federal T2 Schedule 36						
60							

	A	B	C	D	E	F	G	H	I	J	K
1	PILs TAXES										
2	Analysis of PILs Tax Account 1562:										
3	Utility Name: Cooperative Hydro Embrun Inc.										
4	Reporting period: 2003				Sign Convention: + for increase; - for decrease						
5											
6											
7											
8	Year start:		01/10/2001		01/01/2002		01/01/2003		01/01/2004		01/01/2005
9	Year end:		31/12/2001		31/12/2002		31/12/2003		31/12/2004		31/12/2005
10											
11	Opening balance:	=	0		6,658		-6,983		-12,981		-12,981
12	Board-approved PILs tax proxy from Decisions (1)	+/-	6,658		27,117		33,775				
14	True-up Variance Adjustment Q4, 2001 (2)	+/-									
16	True-up Variance Adjustment (3)	+/-			-17,989		-3,081				
18	Deferral Account Variance Adjustment Q4, 2001 (4)	+/-									
20	Deferral Account Variance Adjustment (5)	+/-			3		-695				
22	Adjustments to reported prior years' variances (6)	+/-									
23	Carrying charges (7)	+/-									
25	PILs billed to (collected from) customers (8)	-									
26			0		-22,772		-35,997				
27	Ending balance: # 1562		6,658		-6,983		-12,981		-12,981		-12,981
28											
29											
30											
31	Uncollected PILs										
32											
33	NOTE: The purpose of this worksheet is to show the movement in Account 1562 which establishes the receivable from or liability to ratepayers.										
34	For explanation of Account 1562 please refer to Accounting Procedures Handbook for Electric Distribution Utilities and FAQ April 2003.										
35											
36	Please identify if Method 1, 2 or 3 was used to account for the PILs proxy and recovery. ANSWER:								Method #3		
37											
38	(1) (i) From the Board's Decision - see Inclusion in Rates, Part III of the TAXCALC spreadsheet for Q4 2001 and 2002.										
39	Please insert the Q4, 2001 proxy in column C even though it was approved effective March 1, 2002.										
40	If the Board gave more than one decision in the year, calculate a weighted average proxy.										
41	(ii) If the Board approved different amounts, input the Board-approved amounts in cells C13 and E13.										
42	(iii) Column G - In 2003, the initial estimate should include the Q4 2001 PILs tax proxy and the 2002 PILs tax proxy.										
43	(iv) Column I - The Q4 2001 PILs tax proxy was removed from rates on April 1, 2004 and the 2002 PILs tax proxy remained.										
44	(v) Column K - The 2002 PILs tax proxy applies to January 1 to March 31, 2005, and the new 2005 PILs tax proxy from April 1 to December 31, 2005.										
45	(vi) Column M - The 2005 PILs tax proxy will used for the period from January 1 to April 30, 2006.										
46											
47	(2) From the Ministry of Finance Variance Column, under Future True-ups, Part IV a, cell I132, of the TAXCALC spreadsheet. The Q4, 2001 proxy has to be										
48	trued up in 2002, 2003 and for the period January 1- March 31, 2004. Input the variance in the whole year reconciliation.										
49											
50	(3) From the Ministry of Finance Variance Column, under Future True-ups, Part IV a, cell I132, of the TAXCALC spreadsheet.										
51	The true-up will compare to the 2002 proxy for 2002, 2003, 2004 and January 1 to March 31, 2005.										
52											
53	(4) From the Ministry of Finance Variance Column, under Future True-ups, Part IV b, cell I181, of the TAXCALC spreadsheet. The Q4, 2001 proxy has to be										
54	trued up in 2002, 2003 and for the period January 1- March 31, 2004. Input the deferral variance in the whole year reconciliation.										
55											
56	(5) From the Ministry of Finance Variance Column, under Future True-ups, Part IV a, cell I181, of the TAXCALC spreadsheet.										
57	The true-up will compare to the 2002 proxy for 2002, 2003, 2004 and January 1 to March 31, 2005.										
58											
59	(6) The correcting entry should be shown in the year the entry was made. The true-up of the carrying charges will have to be reviewed.										
60											
61	(7) Carrying charges are calculated on a simple interest basis.										
62											
63	(8) (i) PILs collected from customers from March 1, 2002 to March 31, 2004 were based on a fixed charge and a volumetric charge recovery by class. The PILs rate										
64	components for Q4, 2001 and 2002 were calculated in the 2002 approved RAM on sheet 6 and sheet 8. In April 2004, the PILs recovery was based on the										
65	2002 PILs tax proxy recovered by the volumetric rate by class as calculated on sheet 7 of the 2004 RAM.										
66	The 2005 PILs tax proxy is being recovered on a volumetric basis by class.										
67											
68	(ii) Collections should equal: (a) the actual volumes/ load (kWhs, kW, Kva) for the period (including net unbilled at period end), multiplied										
69	by the PILs volumetric proxy rates by class (from the Q4, 2001 and 2002 RAM worksheets) for 2002, 2003 and January 1 to March 31, 2004;										
70	plus, (b) customer counts by class in the same period multiplied by the PILs fixed charge rate components.										
71											
72	In 2004, use the Board-approved 2002 PILs proxy, recovered on a volumetric basis by class as calculated by the 2004 RAM, sheet 7,										
73	for the period April 1 to December 31, 2004, and add this total to the results from the sentence above for January 1 to March 31, 2004.										
74											
75	In 2005, use the Board-approved 2005 PILs proxy, recovered on a volumetric basis by class as calculated by the 2005 RAM, sheet 4,										
76	for the period April 1 to December 31, 2005. To this total, the 2004 volumetric PILs proxy rate by class should be used										
77	to calculate the recovery for the period January 1 to March 31, 2005.										
78											
79	(9) Any interim PILs recovery from Board Decisions will be recorded in APH Account # 1590. Final reconciliation of PILs proxy taxes										
80	will have to include amounts from 1562 and from 1590.										
81											

	L	M	N	O
1				
2				
3				Version 2009.1
4				0
5				
6				
7				
8		01/01/2006		
9		30/04/2006		Total
10				
11		-12,981		0
12				67,550
14				0
16				-21,070
18				0
20				-692
22				0
23				0
25				-58,769
26				
27		-12,981		-12,981
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
72				
73				
75				
76				
77				
78				
79				
80				
81				



File Number:EB-2012-0051

Tab: 1
Schedule: 5

Date Filed: July 3, 2012

Attachment 2 of 2

CHEI ED Disposition 1562 Balance IR Response

Distributor Information

Applicant Name	Cooperative Hydro Embrun Inc.
OEB Licence Number	ED-2002-0493

Table of Contents

Sheet Name	Purpose of Sheet
A1.1 Distributor Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
A3.1 Prescribed Interest Rates	Prescribed Interest Rates
A3.2 Annual Interest	Annual Interest
A4.1 PILs Tax Proxy	PILs Tax Proxy
B1.1 Rate Classes	Set Up Rate Classes
C1.1 2002 PILs Recovered	2002 PILs Recoverd
C1.2 2003 PILs Recovered	2003 PILs Recovered
C1.3 Jan to Mar 2004 PILs Rec	Jan to Mar 2004 PILs Recovered
C1.4 Apr to Dec 2004 PILs Rec	Apr to Dec 2004 PILs Recovered
C1.5 Jan To Mar 2005 PILs Rec	Jan To Mar 2005 PILs Recovered
C1.6 Apr to Dec 2005 PILs Rec	Apr to Dec 2005 PILs Recovered
C1.7 Jan To Apr 2006 PILs Rec	Jan To Apr 2006 PILs Recovered
D1.1 Total PIL's Recovered	Total PIL's Recovered
D1.2 Total PIL's By Year	Total PIL's By Year
E1.1 Disp of 1562 Balance	Disposition of Balance Recorded in Account 1562 Deferred PILs
F1.1 Calc Carry Cost 2001	Calculate Carrying Cost 2001
F1.2 Calc Carry Cost 2002	Calculate Carrying Cost 2002
F1.3 Calc Carry Cost 2003	Calculate Carrying Cost 2003
F1.4 Calc Carry Cost 2004	Calculate Carrying Cost 2004
F1.5 Calc Carry Cost 2005	Calculate Carrying Cost 2005
F1.6 Calc Carry Cost 2006	Calculate Carrying Cost 2006
F1.7 Calc Carry Cost 2007	Calculate Carrying Cost 2007
F1.8 Calc Carry Cost 2008	Calculate Carrying Cost 2008
F1.9 Calc Carry Cost 2009	Calculate Carrying Cost 2009
F1.10 Calc Carry Cost 2010	Calculate Carrying Cost 2010
F1.11 Calc Carry Cost 2011	Calculate Carrying Cost 2011
F1.12 Calc Carry Cost 2012	Calculate Carrying Cost 2012
G1.1 Request for Disposition	Request for Disposition of 1562 Balance
G1.2 Rate Rider Calculation	#N/A

Name of LDC: Cooperative Hydro Embrun Inc.**OEB Licence Number: ED-2002-0493**

Prescribed Interest Rates

Approved Deferral and Variance Accounts Prescribed Interest Rate (per the Bankers' Acceptances-3 months Plus 0.25 Spread)	
Q3 2001	7.25
Q2 2006	4.14
Q3 2006	4.59
Q4 2006	4.59
Q1 2007	4.59
Q2 2007	4.59
Q3 2007	4.59
Q4 2007	5.14
Q1 2008	5.14
Q2 2008	4.08
Q3 2008	3.35
Q4 2008	3.35
Q1 2009	2.45
Q2 2009	1.00
Q3 2009	0.55
Q4 2009	0.55
Q1 2010	0.55
Q2 2010	0.55
Q3 2010	0.89
Q4 2010	1.20
Q1 2011	1.47
Q2 2011	1.47
Q3 2011	1.47
Q4 2011	1.47
Q1 2012	1.47
Q2 2012	1.47
Q3 2012	1.47
Q4 2012	1.47

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Annual Interest

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-01	0.00	0.00%	0.00%
February-28-01	0.00	0.00%	0.00%
March-31-01	0.00	0.00%	0.00%
April-30-01	0.00	0.00%	0.00%
May-31-01	0.00	0.00%	0.00%
June-30-01	0.00	0.00%	0.00%
July-31-01	0.00	0.00%	0.00%
August-31-01	0.00	0.00%	0.00%
September-30-01	0.00	0.00%	0.00%
October-31-01	7.25	0.62%	0.62%
November-30-01	7.25	0.60%	1.21%
December-31-01	7.25	0.62%	1.83%
Effective Annual Interest		1.83%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-02	7.25	0.62%	0.62%
February-28-02	7.25	0.56%	1.17%
March-31-02	7.25	0.62%	1.79%
April-30-02	7.25	0.60%	2.38%
May-31-02	7.25	0.62%	3.00%
June-30-02	7.25	0.60%	3.60%
July-31-02	7.25	0.62%	4.21%
August-31-02	7.25	0.62%	4.83%
September-30-02	7.25	0.60%	5.42%
October-31-02	7.25	0.62%	6.04%
November-30-02	7.25	0.60%	6.63%
December-31-02	7.25	0.62%	7.25%
Effective Annual Interest		7.25%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-03	7.25	0.62%	0.62%
February-28-03	7.25	0.56%	1.17%
March-31-03	7.25	0.62%	1.79%
April-30-03	7.25	0.60%	2.38%
May-31-03	7.25	0.62%	3.00%
June-30-03	7.25	0.60%	3.60%
July-31-03	7.25	0.62%	4.21%
August-31-03	7.25	0.62%	4.83%
September-30-03	7.25	0.60%	5.42%
October-31-03	7.25	0.62%	6.04%
November-30-03	7.25	0.60%	6.63%
December-31-03	7.25	0.62%	7.25%
Effective Annual Interest		7.25%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-04	7.25	0.62%	0.62%
February-29-04	7.25	0.58%	1.19%
March-31-04	7.25	0.62%	1.81%
April-30-04	7.25	0.60%	2.40%
May-31-04	7.25	0.62%	3.02%
June-30-04	7.25	0.60%	3.62%
July-31-04	7.25	0.62%	4.23%
August-31-04	7.25	0.62%	4.85%
September-30-04	7.25	0.60%	5.44%
October-31-04	7.25	0.62%	6.06%
November-30-04	7.25	0.60%	6.65%
December-31-04	7.25	0.62%	7.27%
Effective Annual Interest		7.27%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-05	7.25	0.62%	0.62%
February-28-05	7.25	0.56%	1.17%
March-31-05	7.25	0.62%	1.79%
April-30-05	7.25	0.60%	2.38%
May-31-05	7.25	0.62%	3.00%
June-30-05	7.25	0.60%	3.60%
July-31-05	7.25	0.62%	4.21%
August-31-05	7.25	0.62%	4.83%
September-30-05	7.25	0.60%	5.42%
October-31-05	7.25	0.62%	6.04%
November-30-05	7.25	0.60%	6.63%
December-31-05	7.25	0.62%	7.25%
Effective Annual Interest		7.25%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-06	7.25	0.62%	0.62%
February-28-06	7.25	0.56%	1.17%
March-31-06	7.25	0.62%	1.79%
April-30-06	4.14	0.34%	2.13%
May-31-06	4.14	0.35%	2.48%
June-30-06	4.14	0.34%	2.82%
July-31-06	4.59	0.39%	3.21%
August-31-06	4.59	0.39%	3.60%
September-30-06	4.59	0.38%	3.98%
October-31-06	4.59	0.39%	4.37%
November-30-06	4.59	0.38%	4.74%
December-31-06	4.59	0.39%	5.13%
Effective Annual Interest		5.13%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-07	4.59	0.39%	0.39%
February-28-07	4.59	0.35%	0.74%
March-31-07	4.59	0.39%	1.13%
April-30-07	4.59	0.38%	1.51%
May-31-07	4.59	0.39%	1.90%
June-30-07	4.59	0.38%	2.28%

July-31-07	4.59	0.39%	2.67%
August-31-07	4.59	0.39%	3.06%
September-30-07	4.59	0.38%	3.43%
October-31-07	5.14	0.44%	3.87%
November-30-07	5.14	0.42%	4.29%
December-31-07	5.14	0.44%	4.73%
Effective Annual Interest		4.73%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-08	5.14	0.44%	0.44%
February-29-08	5.14	0.41%	0.84%
March-31-08	5.14	0.44%	1.28%
April-30-08	4.08	0.34%	1.62%
May-31-08	4.08	0.35%	1.96%
June-30-08	4.08	0.34%	2.30%
July-31-08	3.35	0.28%	2.58%
August-31-08	3.35	0.28%	2.87%
September-30-08	3.35	0.28%	3.14%
October-31-08	3.35	0.28%	3.43%
November-30-08	3.35	0.28%	3.70%
December-31-08	3.35	0.28%	3.99%
Effective Annual Interest		3.99%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-09	2.45	0.21%	0.21%
February-28-09	2.45	0.19%	0.40%
March-31-09	2.45	0.21%	0.60%
April-30-09	1.00	0.08%	0.69%
May-31-09	1.00	0.08%	0.77%
June-30-09	1.00	0.08%	0.85%
July-31-09	0.55	0.05%	0.90%
August-31-09	0.55	0.05%	0.95%
September-30-09	0.55	0.05%	0.99%
October-31-09	0.55	0.05%	1.04%
November-30-09	0.55	0.05%	1.08%
December-31-09	0.55	0.05%	1.13%
Effective Annual Interest		1.13%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-10	0.55	0.05%	0.05%
February-28-10	0.55	0.04%	0.09%
March-31-10	0.55	0.05%	0.14%
April-30-10	0.55	0.05%	0.18%
May-31-10	0.55	0.05%	0.23%
June-30-10	0.55	0.05%	0.27%
July-31-10	0.89	0.08%	0.35%
August-31-10	0.89	0.08%	0.42%
September-30-10	0.89	0.07%	0.50%
October-31-10	1.20	0.10%	0.60%
November-30-10	1.20	0.10%	0.70%
December-31-10	1.20	0.10%	0.80%
Effective Annual Interest		0.80%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-11	1.47	0.12%	0.12%
February-28-11	1.47	0.11%	0.24%
March-31-11	1.47	0.12%	0.36%
April-30-11	1.47	0.12%	0.48%
May-31-11	1.47	0.12%	0.61%
June-30-11	1.47	0.12%	0.73%
July-31-11	1.47	0.12%	0.85%
August-31-11	1.47	0.12%	0.98%
September-30-11	1.47	0.12%	1.10%
October-31-11	1.47	0.12%	1.22%
November-30-11	1.47	0.12%	1.35%
December-31-11	1.47	0.12%	1.47%
Effective Annual Interest		1.47%	

Month	Prescribed Interest	Monthly Interest	Cummulative
January-31-12	1.47	0.12%	0.12%
February-29-12	1.47	0.12%	0.24%
March-31-12	1.47	0.12%	0.37%
April-30-12	1.47	0.12%	0.49%
May-31-12	1.47	0.12%	0.61%
June-30-12	1.47	0.12%	0.73%
July-31-12	1.47	0.12%	0.86%
August-31-12	0.00	0.00%	0.86%
September-30-12	0.00	0.00%	0.86%
October-31-12	0.00	0.00%	0.86%
November-30-12	0.00	0.00%	0.86%
December-31-12	0.00	0.00%	0.86%
Effective Annual Interest		0.86%	

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

PILs Tax Proxy

	Year	Amount
Board-approved PILs tax proxy from Decisions	2001	6,658
Board-approved PILs tax proxy from Decisions	2002	27,117
Board-approved PILs tax proxy from Decisions	2005	23,533

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Rate Class Selection

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES	Residential	Customer	kWh
GSLT50	General Service Less Than 50 kV	Customer	kWh
GSGT50	General Service 50 to 4,999 kW	Customer	kW
USL	Unmetered Scattered Load	Connection	kWh
Sen	Sentinel Lighting	Connection	kW
SL	Street Lighting	Connection	kW
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.
OEB Licence Number: ED-2002-0493

PILs Recovered March to December 2002

Rate Class	Fixed Metric	PILs Rate 2001 A	PILs Rate 2002 B	Total PILs Rate C = A + B	Monthly Service Charge	Cust/Conn Billed D	PILs Recovered E = C * D * 10
Residential	Customer	0.176760	0.719910	0.896670	10.6522	1,301	11,666
General Service Less Than 50 kW	Customer	0.231390	0.942400	1.173790	13.75	153	1,796
General Service 50 to 4,999 kW	Customer	3.809120	15.513930	19.323050	219.03	25	4,831
Unmetered Scattered Load	Connection	0.231390	0.942400	1.173790	0.00	18	211
Sentinel Lighting	Connection	0.000000	0.000000	0.000000	0.00	0	0
Street Lighting	Connection	0.013180	0.053660	0.066840	0.76	348	233
						1,845	18,736

Rate Class	Vol Metric	PILs Rate 2001 A	PILs Rate 2002 B	Total PILs Rate C = A + B	Distribution Charge	kWh/kW Billed Mar to Dec 2002 D	PILs Recovered E = C * D
Residential	kWh	0.000130	0.000500	0.000630	0.0073	13,330,696	8,398
General Service Less Than 50 kW	kWh	0.000180	0.000720	0.000900	0.0106	4,218,253	3,796
General Service 50 to 4,999 kW	kW	0.035500	0.144580	0.180080	2.1973	6,146	1,107
Unmetered Scattered Load	kWh	0.000180	0.000720	0.000900	0.0000	49,260	44
Sentinel Lighting	kW	0.000000	0.000000	0.000000	0.0000	0	0
Street Lighting	kW	0.042930	0.174820	0.217750	2.7023	576	125
						17,604,931	13,471

32,208

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

PILs Recovered 2003

Rate Class	Fixed Metric	PILs Rate 2001 A	PILs Rate 2002 B	Total PILs Rate C = A + B	Monthly Service Charge	Cust/Conn Billed D	PILs Recovered E = C * D * 12
Residential	Customer	0.176760	0.719910	0.896670	10.6522	1,417	15,247
General Service Less Than 50 kW	Customer	0.231390	0.942400	1.173790	13.7542	163	2,296
General Service 50 to 4,999 kW	Customer	3.809120	15.513930	19.323050	219.0327	12	2,783
Unmetered Scattered Load	Connection	0.231390	0.942400	1.173790	0.0000	20	282
Sentinel Lighting	Connection	0.000000	0.000000	0.000000	0.0000	0	0
Street Lighting	Connection	0.013180	0.053660	0.066840	0.7571	384	308
						1,996	20,915

Rate Class	Vol Metric	PILs Rate 2001 A	PILs Rate 2002 B	Total PILs Rate C = A + B	Distribution Charge	kWh/kW Billed 2003 D	PILs Recovered E = C * D
Residential	kWh	0.000130	0.000500	0.000630	0.0073	18,052,125	11,373
General Service Less Than 50 kW	kWh	0.000180	0.000720	0.000900	0.0106	5,462,434	4,916
General Service 50 to 4,999 kW	kW	0.035500	0.144580	0.180080	2.1973	13,228	2,382
Unmetered Scattered Load	kWh	0.000180	0.000720	0.000900	0.0000	0	0
Sentinel Lighting	kW	0.000000	0.000000	0.000000	0.0000	0	0
Street Lighting	kW	0.042930	0.174820	0.217750	2.7023	892	194
						23,528,679	18,865

39,780

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

PILs Recovered January to March 2004

Rate Class	Fixed Metric	PILs Rate 2001 A	PILs Rate 2002 B	Total PILs Rate C = A + B	Monthly Service Charge	Cust/Conn Billed Jan to Mar 2004 D	PILs Recovered E = C * D * 3
Residential	Customer	0.176760	0.719910	0.896670	10.6522	1,628	4,379
General Service Less Than 50 kW	Customer	0.231390	0.942400	1.173790	13.7542	173	609
General Service 50 to 4,999 kW	Customer	3.809120	15.513930	19.323050	219.0327	13	754
Unmetered Scattered Load	Connection	0.231390	0.942400	1.173790	0.0000	0	0
Sentinel Lighting	Connection	0.000000	0.000000	0.000000	0.0000	0	0
Street Lighting	Connection	0.013180	0.053660	0.066840	0.7571	379	76
						2,193	5,818

Rate Class	Vol Metric	PILs Rate 2001 A	PILs Rate 2002 B	Total PILs Rate C = A + B	Distribution Charge	kWh/kW Billed Jan To Mar 2004 D	PILs Recovered E = C * D
Residential	kWh	0.000130	0.000500	0.000630	0.0073	5,583,163	3,517
General Service Less Than 50 kW	kWh	0.000180	0.000720	0.000900	0.0106	1,405,271	1,265
General Service 50 to 4,999 kW	kW	0.035500	0.144580	0.180080	2.1973	4,380	789
Unmetered Scattered Load	kWh	0.000180	0.000720	0.000900	0.0000	0	0
Sentinel Lighting	kW	0.000000	0.000000	0.000000	0.0000	0	0
Street Lighting	kW	0.042930	0.174820	0.217750	2.7023	231	50
						6,993,045	5,621

11,439

PILs Recovered April to December 2004

Rate Class	Fixed Metric	PILs Rate Apr to Dec 2004 A	Monthly Service Charge	Cust/Conn Billed Apr to Dec 2004 B	PILs Recovered C = A * B * 9
Residential	Customer	0.000000	0.0000	0	0
General Service Less Than 50 kW	Customer	0.000000	0.0000	0	0
General Service 50 to 4,999 kW	Customer	0.000000	0.0000	0	0
Unmetered Scattered Load	Connection	0.000000	0.0000	0	0
Sentinel Lighting	Connection	0.000000	0.0000	0	0
Street Lighting	Connection	0.000000	0.0000	0	0
				0	0

Rate Class	Vol Metric	PILs Rate Apr to Dec 2004 A	Distribution Charge	kWh/kW Billed Apr To Dec 2004 B	PILs Recovered C = A * B
Residential	kWh	0.001061	0.0000	14,090,952	14,946
General Service Less Than 50 kW	kWh	0.000966	0.0000	3,540,938	3,420
General Service 50 to 4,999 kW	kW	0.664807	0.0000	10,085	6,705
Unmetered Scattered Load	kWh	0.000000	0.0000		0
Sentinel Lighting	kW	0.000000	0.0000	0	0
Street Lighting	kW	0.433905	0.0000	717	311
				17,642,692	25,382
					25,382

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

PILs Recovered January to March 2005

Rate Class	Fixed Metric	PILs Rate Jan To Mar 2005 A	Monthly Service Charge	Cust/Conn Billed Jan to Mar 2005 B	PILs Recovered C = A * B * 3
Residential	Customer	0.000000	0.0000	0	0
General Service Less Than 50 kW	Customer	0.000000	0.0000	0	0
General Service 50 to 4,999 kW	Customer	0.000000	0.0000	0	0
Unmetered Scattered Load	Connection	0.000000	0.0000	0	0
Sentinel Lighting	Connection	0.000000	0.0000	0	0
Street Lighting	Connection	0.000000	0.0000	0	0
				<u>0</u>	<u>0</u>

Rate Class	Vol Metric	PILs Rate Jan To Mar 2005 A	Distribution Charge	kWh/kW Billed Jan To Mar 2005 B	PILs Recovered C = A * B
Residential	kWh	0.001061	0.0000	4,886,234	5,183
General Service Less Than 50 kW	kWh	0.000966	0.0000	1,338,460	1,293
General Service 50 to 4,999 kW	kW	0.664807	0.0000	4,040	2,686
Unmetered Scattered Load	kWh	0.000000	0.0000	0	0
Sentinel Lighting	kW	0.000000	0.0000	0	0
Street Lighting	kW	0.433905	0.0000	253	110
				<u>6,228,987</u>	<u>9,271</u>

9,271

PILs Recovered April to December 2005

Rate Class	Fixed Metric	PILs Rate Apr to Dec 2005 A	Monthly Service Charge	Cust/Conn Billed Apr to Dec 2005 B	PILs Recovered C = A * B * 9
Residential	Customer	0.000000	0.0000	0	0
General Service Less Than 50 kW	Customer	0.000000	0.0000	0	0
General Service 50 to 4,999 kW	Customer	0.000000	0.0000	0	0
Unmetered Scattered Load	Connection	0.000000	0.0000	0	0
Sentinel Lighting	Connection	0.000000	0.0000	0	0
Street Lighting	Connection	0.000000	0.0000	0	0
				0	0

Rate Class	Vol Metric	PILs Rate Apr to Dec 2005 A	Distribution Charge	kWh/kW Billed Apr To Dec 2005 B	PILs Recovered C = A * B
Residential	kWh	0.000900	0.0000	14,460,247	13,014
General Service Less Than 50 kW	kWh	0.000900	0.0000	3,632,760	3,269
General Service 50 to 4,999 kW	kW	0.239200	0.0000	10,249	2,452
Unmetered Scattered Load	kWh	0.000000	0.0000	0	0
Sentinel Lighting	kW	0.000000	0.0000	0	0
Street Lighting	kW	0.330700	0.0000	744	246
				18,104,000	18,981
					18,981

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

PILs Recovered January to April 2006

Rate Class	Fixed Metric	PILs Rate Jan To Apr 2006 A	Monthly Service Charge	Cust/Conn Billed Jan To Apr 2006 B	PILs Recovered C = A * B * 4
Residential	Customer	0.000000	0.0000	0	0
General Service Less Than 50 kW	Customer	0.000000	0.0000	0	0
General Service 50 to 4,999 kW	Customer	0.000000	0.0000	0	0
Unmetered Scattered Load	Connection	0.000000	0.0000	0	0
Sentinel Lighting	Connection	0.000000	0.0000	0	0
Street Lighting	Connection	0.000000	0.0000	0	0
				0	0

Rate Class	Vol Metric	PILs Rate Jan To Apr 2006 A	Distribution Charge	kWh/kW Billed Jan To Apr 2006 B	PILs Recovered C = A * B
Residential	kWh	0.000900	0.0000	6,069,167	5,462
General Service Less Than 50 kW	kWh	0.000900	0.0000	1,767,225	1,591
General Service 50 to 4,999 kW	kW	0.239200	0.0000	5,353	1,280
Unmetered Scattered Load	kWh	0.000000	0.0000	0	0
Sentinel Lighting	kW	0.000000	0.0000	0	0
Street Lighting	kW	0.330700	0.0000	346	114
				7,842,091	8,448

8,448

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Total PIL's Recoverd

Rate Class	Fixed Metric	PILs Recovered	PILs Recovered	PILs Recovered	PILs Recovered				PILs Recovered
		Mar to Dec 2002	Jan to Dec 2003	Jan to Mar 2004	PILs Recovered Apr to Dec 2004	Jan to Mar 2005	PILs Recovered Apr to Dec 2005	PILs Recovered Jan to Apr 2006	
Residential	Customer	11,666	15,247	4,379	0	0	0	0	31,292
General Service Less Than 50 kW	Customer	1,796	2,296	609	0	0	0	0	4,701
General Service 50 to 4,999 kW	Customer	4,831	2,783	754	0	0	0	0	8,367
Unmetered Scattered Load	Connection	211	282	0	0	0	0	0	493
Sentinel Lighting	Connection	0	0	0	0	0	0	0	0
Street Lighting	Connection	233	308	76	0	0	0	0	617
		18,736	20,915	5,818	0	0	0	0	45,469

Rate Class	Vol Metric	PILs Recovered	PILs Recovered	PILs Recovered	PILs Recovered				PILs Recovered
		Mar to Dec 2002	Jan to Dec 2003	Jan to Mar 2004	PILs Recovered Apr to Dec 2004	Jan to Mar 2005	PILs Recovered Apr to Dec 2005	PILs Recovered Jan to Apr 2006	
Residential	kWh	8,398	11,373	3,517	14,946	5,183	13,014	5,462	61,894
General Service Less Than 50 kW	kWh	3,796	4,916	1,265	3,420	1,293	3,269	1,591	19,550
General Service 50 to 4,999 kW	kW	1,107	2,382	789	6,705	2,686	2,452	1,280	17,400
Unmetered Scattered Load	kWh	44	0	0	0	0	0	0	44
Sentinel Lighting	kW	0	0	0	0	0	0	0	0
Street Lighting	kW	125	194	50	311	110	246	114	1,151
		13,471	18,865	5,621	25,382	9,271	18,981	8,448	100,040

Rate Class		PILs Recovered	PILs Recovered	PILs Recovered	PILs Recovered				PILs Recovered
		Mar to Dec 2002	Jan to Dec 2003	Jan to Mar 2004	PILs Recovered Apr to Dec 2004	Jan to Mar 2005	PILs Recovered Apr to Dec 2005	PILs Recovered Jan to Apr 2006	
Residential		20,064	26,620	7,897	14,946	5,183	13,014	5,462	93,186
General Service Less Than 50 kW		5,592	7,212	1,874	3,420	1,293	3,269	1,591	24,251
General Service 50 to 4,999 kW		5,938	5,165	1,542	6,705	2,686	2,452	1,280	25,767
Unmetered Scattered Load		256	282	0	0	0	0	0	537
Sentinel Lighting		0	0	0	0	0	0	0	0
Street Lighting		358	502	126	311	110	246	114	1,768
		32,208	39,780	11,439	25,382	9,271	18,981	8,448	145,509

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Total PIL's Recoverd by Year

Rate Class	Fixed Metric	PILs Recovered Mar to Dec 2002	PILs Recovered Jan to Dec 2003	PILs Recovered Jan to Dec 2004	PILs Recovered Jan to Dec 2005	PILs Recovered Jan to Apr 2006	PILs Recovered Total
Residential	Customer	11,666	15,247	4,379	0	0	31,292
General Service Less Than 50 kW	Customer	1,796	2,296	609	0	0	4,701
General Service 50 to 4,999 kW	Customer	4,831	2,783	754	0	0	8,367
Unmetered Scattered Load	Connection	211	282	0	0	0	493
Sentinel Lighting	Connection	0	0	0	0	0	0
Street Lighting	Connection	233	308	76	0	0	617
		18,736	20,915	5,818	0	0	45,469

Rate Class	Vol Metric	PILs Recovered Mar to Dec 2002	PILs Recovered Jan to Dec 2003	PILs Recovered Jan to Dec 2004	PILs Recovered Jan to Dec 2005	PILs Recovered Jan to Apr 2006	PILs Recovered Total
Residential	kWh	8,398	11,373	18,464	18,197	5,462	61,894
General Service Less Than 50 kW	kWh	3,796	4,916	4,685	4,562	1,591	19,550
General Service 50 to 4,999 kW	kW	1,107	2,382	7,493	5,137	1,280	17,400
Unmetered Scattered Load	kWh	44	0	0	0	0	44
Sentinel Lighting	kW	0	0	0	0	0	0
Street Lighting	kW	125	194	361	356	114	1,151
		13,471	18,865	31,003	28,252	8,448	100,040

Rate Class		PILs Recovered Mar to Dec 2002	PILs Recovered Jan to Dec 2003	PILs Recovered Jan to Mar 2004	PILs Recovered Apr to Dec 2004	PILs Recovered Jan to Apr 2006	PILs Recovered Total
Residential		20,064	26,620	22,843	18,197	5,462	93,186
General Service Less Than 50 kW		5,592	7,212	5,294	4,562	1,591	24,251
General Service 50 to 4,999 kW		5,938	5,165	8,247	5,137	1,280	25,767
Unmetered Scattered Load		256	282	0	0	0	537
Sentinel Lighting		0	0	0	0	0	0
Street Lighting		358	502	437	356	114	1,768
		32,208	39,780	36,821	28,252	8,448	145,509

Disposition of Balance Recorded in Account 1562 Deferred PILs

Year start:		01/10/2001	01/01/2002	01/01/2003	01/01/2004	01/01/2005	01/01/2006	01/05/2006	01/01/2007	01/01/2008	01/01/2009	01/01/2010	01/01/2011	01/01/2012
Year end:		31/12/2001	31/12/2002	31/12/2003	31/12/2004	31/12/2005	30/04/2006	31/12/2006	31/12/2007	31/12/2008	31/12/2009	31/12/2010	31/12/2011	30/04/2012
Principal Opening balance: # 1562	=		6,658	-3,818	-13,004	-24,820	-32,334	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from	+/-	6,658	27,117	33,775	28,782	24,429	7,844							
True-up Variance Adjustment Q4, 2001 ⁽²⁾	+/-		0					0	0	0	0	0	0	0
True-up Variance Adjustment ⁽³⁾	+/-			-3,183	-3,081	-3,096	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001 ⁽⁴⁾	+/-		-5,385					0	0	0	0	0	0	0
Deferral Account Variance Adjustment ⁽⁵⁾	+/-			3	-695	-595	0	0	0	0	0	0	0	0
Adjustments to reported prior years [†]	+/-							0	0	0	0	0	0	0
PILs collected from customers - Proxy ⁽⁶⁾	-	0	-32,208	-39,780	-36,821	-28,252	-8,448	0	0	0	0	0	0	0
Principal Ending balance: # 1562		6,658	-3,818	-13,004	-24,820	-32,334	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Principal Opening balance: # 1562		0	41	368	-216	-1,637	-3,767	-4,459	-5,449	-7,007	-8,320	-8,693	-8,956	-9,440
Carrying charges ⁽⁷⁾	+/-	41	327	-583	-1,421	-2,130	-692	-990	-1,557	-1,313	-372	-263	-484	-283
Principal Ending balance: # 1562		41	368	-216	-1,637	-3,767	-4,459	-5,449	-7,007	-8,320	-8,693	-8,956	-9,440	-9,723

NOTE: The purpose of this worksheet is to show the movement in Account 1562 which establishes the receivable from or liability to ratepayers.
For explanation of Account 1562 please refer to Accounting Procedures Handbook for Electric Distribution Utilities and FAQ April 2003.

Please identify if Method 1, 2 or 3 was used to account for the PILs proxy and recovery. ANSWER: Method #3

- (1)

(i)

From the Board's Decision - see Inclusion in Rates, Part III of the TAXCALC spreadsheet for Q4 2001 and 2002.
Please insert the Q4, 2001 proxy in column C even though it was approved effective March 1, 2002. Per APH entries began October 1, 2001.

(ii)

If the Board approved different amounts, input the Board-approved amounts in cells C12 and E12.

(iii)

Column G - In 2003, the initial estimate should include the Q4 2001 PILs tax proxy and the 2002 PILs tax proxy.

(iv)

Column I - The Q4 2001 PILs tax proxy was removed from rates on April 1, 2004 and the 2002 PILs tax proxy remained.

(v)

Column K - The 2002 PILs tax proxy applies to January 1 to March 31, 2005, and the new 2005 PILs tax proxy from April 1 to December 31, 2005.

(vi)

Column M - In 2006, the prorated 2005 PILs tax proxy will used for the period from January 1, 2006 to April 30, 2006.
- (2)

From the Ministry of Finance Variance Column, under Future True-ups, Part IV a, cell I133, of the TAXCALC spreadsheet. The Q4, 2001 proxy has to be trued up in 2002, 2003 and for the period January 1- March 31, 2004. Input the variance in the whole year reconciliation.
- (3)

From the Ministry of Finance Variance Column, under Future True-ups, Part IV a, cell I133, of the TAXCALC spreadsheet.
The true-up will compare to the 2002 proxy for 2002, 2003, 2004 and January 1 to March 31, 2005.
- (4)

From the Ministry of Finance Variance Column, under Future True-ups, Part IV b, cell I182, of the TAXCALC spreadsheet. The Q4, 2001 proxy has to be trued up in 2002, 2003 and for the period January 1- March 31, 2004. Input the deferral variance in the whole year reconciliation.
- (5)

From the Ministry of Finance Variance Column, under Future True-ups, Part IV a, cell I182, of the TAXCALC spreadsheet.
The true-up will compare to the 2002 proxy for 2002, 2003, 2004 and January 1 to March 31, 2005.
- (6)

The correcting entry should be shown in the year the entry was made. The true-up of the carrying charges will have to be reviewed.
- (7)

Carrying charges are calculated on a simple interest basis.
- (8)

(i)

PILs collected from customers from March 1, 2002 to March 31, 2004 were based on a fixed charge and a volumetric charge recovery by class. The PILs rate components for Q4, 2001and 2002 were calculated in the 2002 approved RAM on sheet 6 and sheet 8. In April 2004, the PILs recovery was based on the 2002 PILs tax proxy recovered by the volumetric rate by class as calculated on sheet 7 of the 2004 RAM.
The 2005 PILs tax proxy is being recovered on a volumetric basis by class. Input negative number for collections.

(ii)

Collections should equal: (a) the actual volumes/ load (kWhs, kW, Kva) for the period (including net unbilled at period end), multiplied by the PILs volumetric proxy rates by class (from the Q4, 2001and 2002 RAM worksheets) for 2002, 2003 and January 1 to March 31, 2004; plus, (b) customer counts by class in the same period multiplied by the PILs fixed charge rate components.

In 2004, use the Board-approved 2002 PILs proxy, recovered on a volumetric basis by class as calculated by the 2004 RAM, sheet 7, for the period April 1 to December 31, 2004, and add this total to the results from the sentence above for January 1 to March 31, 2004.

In 2005, use the Board-approved 2005 PILs proxy, recovered on a volumetric basis by class as calculated by the 2005 RAM, sheet 4, for the period April 1 to December 31, 2005. To this total, the 2004 volumetric PILs proxy rate by class should be used to calculate the recovery for the period January 1 to March 31, 2005.

In 2006, use the Board-approved 2005 PILs proxy, recovered on a volumetric basis by class as calculated by the 2005 RAM, sheet 4, for the period January 1 to April 30, 2006.

Calculate Carrying Cost 2001

[illegible]

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2002

Month		Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Total
Prescribed Rate		7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
Monthly Interest		0.62%	0.56%	0.62%	0.60%	0.62%	0.60%	0.62%	0.62%	0.60%	0.62%	0.60%	0.62%	
Principal Opening balance: # 1562	=	6,658	8,469	10,280	8,870	7,460	6,051	4,641	3,231	1,821	412	-998	-2,408	6,658
Board-approved PILs tax proxy from Decisions(1)	+/-	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260	27,117
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	-449	-449	-449	-449	-449	-449	-449	-449	-449	-449	-449	-449	-5,385
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	-3,221	-3,221	-3,221	-3,221	-3,221	-3,221	-3,221	-3,221	-3,221	-3,221	-32,208
Principal Ending balance: # 1562		8,469	10,280	8,870	7,460	6,051	4,641	3,231	1,821	412	-998	-2,408	-3,818	-3,818
Interest on Opening Balance		41	47	63	53	46	36	29	20	11	3	-6	-15	327
Cummulative Interest This Year		41	88	151	204	250	286	315	335	346	348	342	327	
Cummulative Interest Life to Date		82	129	192	245	291	327	355	375	386	389	383	368	

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2003

Month		Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Total
Prescribed Rate		7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
Monthly Interest		0.62%	0.56%	0.62%	0.60%	0.62%	0.60%	0.62%	0.62%	0.60%	0.62%	0.60%	0.62%	
Principal Opening balance: # 1562	=	-3,818	-4,583	-5,349	-6,114	-6,880	-7,645	-8,411	-9,176	-9,942	-10,707	-11,473	-12,238	-3,818
Board-approved PILs tax proxy from Decisions(1)	+/-	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	2,815	33,775
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	-265	-265	-265	-265	-265	-265	-265	-265	-265	-265	-265	-265	-3,183
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	3
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-3,315	-39,780
Principal Ending balance: # 1562		-4,583	-5,349	-6,114	-6,880	-7,645	-8,411	-9,176	-9,942	-10,707	-11,473	-12,238	-13,004	-13,004
Interest on Opening Balance		-24	-25	-33	-36	-42	-46	-52	-57	-59	-66	-68	-75	-583
Cummulative Interest This Year		-24	-49	-82	-118	-161	-206	-258	-315	-374	-440	-508	-583	
Cummulative Interest Life to Date		344	319	286	250	207	162	110	53	-6	-72	-140	-216	

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2004

Month		Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Total
Prescribed Rate		7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
Monthly Interest		0.62%	0.58%	0.62%	0.60%	0.62%	0.60%	0.62%	0.62%	0.60%	0.62%	0.60%	0.62%	
Principal Opening balance: # 1562	=	-13,004	-14,733	-16,463	-18,192	-18,928	-19,665	-20,401	-21,138	-21,874	-22,610	-23,347	-24,083	-13,004
Board-approved PILs tax proxy from Decisions(1)	+/-	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398	28,782
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	-257	-257	-257	-257	-257	-257	-257	-257	-257	-257	-257	-257	-3,081
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-695
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	-3,813	-3,813	-3,813	-2,820	-2,820	-2,820	-2,820	-2,820	-2,820	-2,820	-2,820	-2,820	-36,821
Principal Ending balance: # 1562		-14,733	-16,463	-18,192	-18,928	-19,665	-20,401	-21,138	-21,874	-22,610	-23,347	-24,083	-24,820	-24,820
Interest on Opening Balance		-80	-85	-101	-108	-117	-117	-126	-130	-130	-139	-139	-148	-1,421
Cummulative Interest This Year		-80	-165	-266	-375	-491	-608	-734	-864	-995	-1,134	-1,273	-1,421	
Cummulative Interest Life to Date		-296	-381	-482	-590	-707	-824	-950	-1,080	-1,210	-1,349	-1,489	-1,637	

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2005

Month		Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total
Prescribed Rate		7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	
Monthly Interest		0.62%	0.56%	0.62%	0.60%	0.62%	0.60%	0.62%	0.62%	0.60%	0.62%	0.60%	0.62%	
Principal Opening balance: # 1562	=	-24,820	-26,182	-27,544	-28,906	-29,287	-29,668	-30,049	-30,430	-30,811	-31,192	-31,572	-31,953	-24,820
Board-approved PILs tax proxy from Decisions(1)	+/-	2,036	2,036	2,036	2,036	2,036	2,036	2,036	2,036	2,036	2,036	2,036	2,036	24,429
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	-258	-258	-258	-258	-258	-258	-258	-258	-258	-258	-258	-258	-3,096
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	-595
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	-3,090	-3,090	-3,090	-2,109	-2,109	-2,109	-2,109	-2,109	-2,109	-2,109	-2,109	-2,109	-28,252
Principal Ending balance: # 1562		-26,182	-27,544	-28,906	-29,287	-29,668	-30,049	-30,430	-30,811	-31,192	-31,572	-31,953	-32,334	-32,334
Interest on Opening Balance		-153	-146	-170	-172	-180	-177	-185	-187	-184	-192	-188	-197	-2,130
Cummulative Interest This Year		-153	-298	-468	-640	-821	-997	-1,182	-1,370	-1,553	-1,745	-1,934	-2,130	
Cummulative Interest Life to Date		-1,790	-1,935	-2,105	-2,277	-2,457	-2,634	-2,819	-3,007	-3,190	-3,382	-3,570	-3,767	

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2006

Month	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Total
Prescribed Rate	7.25%	7.25%	7.25%	4.14%	4.14%	4.14%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	
Monthly Interest	0.62%	0.56%	0.62%	0.34%	0.35%	0.34%	0.39%	0.39%	0.38%	0.39%	0.38%	0.39%	
Principal Opening balance: # 1562	=	-32,334	-32,485	-32,636	-32,787	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,334
Board-approved PILs tax proxy from Decisions(1)	+/-	1,961	1,961	1,961	1,961	0	0	0	0	0	0	0	7,844
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	-2,112	-2,112	-2,112	-2,112	0	0	0	0	0	0	0	-8,448
Principal Ending balance: # 1562		-32,485	-32,636	-32,787	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-199	-181	-201	-112	-116	-112	-128	-128	-124	-128	-124	-1,682
Cummulative Interest This Year		-199	-380	-581	-692	-808	-920	-1,049	-1,177	-1,301	-1,430	-1,554	-1,682
Cummulative Interest Life to Date		-3,966	-4,147	-4,348	-4,459	-4,575	-4,687	-4,816	-4,944	-5,068	-5,197	-5,321	-5,449

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2007

Month	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total
Prescribed Rate	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	5.14%	5.14%	5.14%	
Monthly Interest	0.39%	0.35%	0.39%	0.38%	0.39%	0.38%	0.39%	0.39%	0.38%	0.44%	0.42%	0.44%	
Principal Opening balance: # 1562	=	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from Decisions(1)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	0	0	0	0	0	0	0	0	0	0
Principal Ending balance: # 1562		-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-128	-116	-128	-124	-128	-124	-128	-128	-124	-144	-139	-144
Cummulative Interest This Year		-128	-244	-373	-497	-625	-750	-878	-1,007	-1,131	-1,275	-1,414	-1,557
Cummulative Interest Life to Date		-5,578	-5,694	-5,822	-5,947	-6,075	-6,199	-6,328	-6,456	-6,580	-6,724	-6,863	-7,007

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2008

Month	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Total
Prescribed Rate	5.14%	5.14%	5.14%	4.08%	4.08%	4.08%	3.35%	3.35%	3.35%	3.35%	3.35%	3.35%	
Monthly Interest	0.44%	0.41%	0.44%	0.34%	0.35%	0.34%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	
Principal Opening balance: # 1562	=	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from Decisions(1)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	0	0	0	0	0	0	0	0	0	0
Principal Ending balance: # 1562		-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-144	-135	-144	-110	-114	-110	-94	-94	-91	-94	-91	-94
Cummulative Interest This Year		-144	-278	-422	-533	-647	-757	-851	-945	-1,035	-1,129	-1,220	-1,313
Cummulative Interest Life to Date		-7,151	-7,285	-7,429	-7,540	-7,654	-7,764	-7,858	-7,952	-8,042	-8,136	-8,227	-8,320

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2009

Month	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Total
Prescribed Rate	2.45%	2.45%	2.45%	1.00%	1.00%	1.00%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	
Monthly Interest	0.21%	0.19%	0.21%	0.08%	0.08%	0.08%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	
Principal Opening balance: # 1562	=	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from Decisions(1)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	0	0	0	0	0	0	0	0	0	0
Principal Ending balance: # 1562		-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-69	-62	-69	-27	-28	-27	-15	-15	-15	-15	-15	-372
Cummulative Interest This Year		-69	-130	-199	-226	-254	-281	-296	-312	-327	-342	-357	-372
Cummulative Interest Life to Date		-8,389	-8,451	-8,519	-8,546	-8,574	-8,601	-8,617	-8,632	-8,647	-8,662	-8,677	-8,693

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2010

Month	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Total
Prescribed Rate	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.89%	0.89%	0.89%	1.20%	1.20%	1.20%	
Monthly Interest	0.05%	0.04%	0.05%	0.05%	0.05%	0.05%	0.08%	0.08%	0.07%	0.10%	0.10%	0.10%	
Principal Opening balance: # 1562	=	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from Decisions(1)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	0	0	0	0	0	0	0	0	0	0
Principal Ending balance: # 1562		-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-15	-14	-15	-15	-15	-25	-25	-24	-34	-32	-34	-263
Cummulative Interest This Year		-15	-29	-45	-60	-75	-90	-115	-140	-164	-197	-230	-263
Cummulative Interest Life to Date		-8,708	-8,722	-8,737	-8,752	-8,768	-8,783	-8,807	-8,832	-8,856	-8,890	-8,923	-8,956

Name of LDC: Cooperative Hydro Embrun Inc.
OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2011

Month	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Total
Prescribed Rate	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	
Monthly Interest	0.12%	0.11%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	
Principal Opening balance: # 1562	=	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from Decisions(1)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	0	0	0	0	0	0	0	0	0	0
Principal Ending balance: # 1562		-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-41	-37	-41	-40	-41	-40	-41	-41	-40	-41	-40	-41
Cummulative Interest This Year		-41	-78	-119	-159	-200	-240	-281	-322	-362	-403	-443	-484
Cummulative Interest Life to Date		-8,997	-9,034	-9,075	-9,115	-9,156	-9,196	-9,237	-9,278	-9,318	-9,359	-9,399	-9,440

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Calculate Carrying Cost 2012

Month	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total
Prescribed Rate	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	0.00%	0.00%	0.00%	0.00%	0.00%	
Monthly Interest	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	
Principal Opening balance: # 1562	=	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Board-approved PILs tax proxy from Decisions(1)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment Q4, 2001(2)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
True-up Variance Adjustment(3)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment Q4, 2001(4)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Deferral Account Variance Adjustment(5)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
Adjustments to reported prior years' variances(6)	+/-	0	0	0	0	0	0	0	0	0	0	0	0
PILs collected from customers - Proxy(8)	-	0	0	0	0	0	0	0	0	0	0	0	0
Principal Ending balance: # 1562		-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937	-32,937
Interest on Opening Balance		-41	-38	-41	-40	-41	-40	-41	0	0	0	0	-283
Cummulative Interest This Year		-41	-80	-121	-161	-202	-241	-283	-283	-283	-283	-283	
Cummulative Interest Life to Date		-9,481	-9,520	-9,561	-9,601	-9,642	-9,682	-9,723	-9,723	-9,723	-9,723	-9,723	



ED Disposition 1562 Balance release 1.0 © Elenchus Research Associates

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Request for Disposition of 1562 Balance

Principal as of July 31, 2012

-32,937

Interest as of July 31, 2012

-9,601

Amount Requested for Disposition of 1562 Balance

-42,538

Name of LDC: Cooperative Hydro Embrun Inc.

OEB Licence Number: ED-2002-0493

Rate Rider Calculation

From	August 1, 2012
To	April 30, 2014
Months	21

Rate Class	Vol Metric	Distribution Revenue	% Distribution Revenue	1562 PILs Allocation	kWh/kW Billed COS Forecast	1562 PILs Rate Rider
Residential	kWh	\$ 519,352	67.99%	-\$ 28,920	19,868,483	-\$ 0.0008
General Service Less Than 50 kW	kWh	\$ 121,525	15.91%	-\$ 6,767	4,729,493	-\$ 0.0008
General Service 50 to 4,999 kW	kW	\$ 91,970	12.04%	-\$ 5,121	11,793	-\$ 0.2481
Unmetered Scattered Load	kWh	\$ 13,921	1.82%	-\$ 775	89,786	-\$ 0.0049
Sentinel Lighting	kW	\$ -	0.00%	\$ -	-	\$ -
Street Lighting	kW	\$ 17,135	2.24%	-\$ 954	1,003	-\$ 0.5436
		\$ 763,904	100.00%	-\$ 42,538		