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Ontario Energy Board
27th Floor
2300 Yonge Street
Toronto, ON
M4P 1E4

October 1, 2010

Dear Ms. Walli,

RE: 2011 Electricity Distribution Rate Application for Burlington Hydro Inc.

Please find attached the 2011 3rd Generation IRM Electricity Distribution Rate Application from Burlington Hydro Inc ("BHI"), requesting new distribution rates effective May 1, 2011.

As outlined in the filing instructions guidelines, BHI has included two paper copies and one CD with all electronic files. BHI has also filed through the Board's web portal at www.err.oeb.gov.on.ca and has submitted electronic files by e-mail to the Board Secretary at Boardsec@oeb.gov.on.ca.

I can be reached at 905-332-2265 should anything further be required.

Yours truly,

original signed by

Michael Kysley
Chief Financial Officer



BURLINGTON HYDRO INC.
APPLICATION FOR APPROVAL OF ELECTRICITY DISTRIBUTION RATES
EFFECTIVE MAY 1, 2011

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- 1 b) an adjustment to the revenue to cost ratios as per the Decision and Order for Burlington
2 Hydro's 2010 Cost of Service rate application under file number EB-2009-0259 to
3 complete the movement of the streetlighting rate class to the Board approved range;
- 4 c) an increase in the Smart Meter funding from \$1.00 to \$3.38 per metered customer in
5 compliance with the Guideline (G-2008-0002) on Smart Meter Funding and Cost
6 Recovery – October 22, 2008;
- 7 d) an adjustment to the retail transmission service rates as provided in Guideline (G-2008-
8 0001) on Retail Transmission Service Rates – October 22, 2008 (Revision 2.0 July 8,
9 2010);
- 10 e) the establishment of a rate rider associated with the lost revenue from conservation
11 initiatives as per the Guidelines for Electricity Distributor Conservation and Demand
12 Management (EB-2008-0037) – March 28, 2008; and
- 13 f) the establishment of a rate rider subsequent to a generic hearing process for the recovery
14 of one-time expenses related to late payment penalty litigation costs.

15 This Application is supported by written evidence that may be amended from time to time, prior
16 to the Board's final decision on this Application.

17 The Applicant requests that, pursuant to Section 34.01 of the Board's *Rules of Practice and*
18 *Procedure*, this proceeding be conducted by way of written hearing.

19 The Applicant requests that a copy of all documents filed with the Board in this proceeding be
20 served on the Applicant as follows:

21 Burlington Hydro Inc.
22 1340 Brant Street
23 Burlington, Ontario
24 L7R 3Z7

25
26 Attention:
27 Mr. Michael Kysley, CFO & VP Finance/Administration
28 Telephone: (905)332-2265
29 Fax: (905)332-8384
30 E-mail: mkysley@burlingtonhydro.com

1 DATED at Burlington, Ontario, this 1st day of October, 2010.

2 **All of which is respectfully submitted,**

3 **BURLINGTON HYDRO INC.**

4

5 *Original signed by*

6

7 Mr. Michael Kysley,

8 CFO & VP Finance/Administration

1

MANAGER'S SUMMARY

2 Burlington Hydro Inc. ("Burlington Hydro") is a licensed electricity distributor (ED-2003-0004)
3 that owns and operates electricity distribution systems that provide service to the City of
4 Burlington. Burlington Hydro charges its customers distribution rates and other charges as
5 authorized by the Ontario Energy Board ("Board"). In this application Burlington Hydro is
6 applying for rates and other charges effective May 1, 2011. Burlington Hydro completed a full
7 cost of service rebasing application for May 1, 2010 rates (EB-2009-0259). This is Burlington
8 Hydro's first application under the Board's 3rd Generation Incentive Regulation Mechanism
9 ("IRM3").

10 Burlington Hydro has adhered to the Board's directions in completing the Board approved IRM3
11 rate models and incorporated the necessary adjustment. This Manager's Summary will address
12 the following items:

- 13 • Price Cap Adjustment
- 14 • Shared Tax Savings
- 15 • Revenue to Cost Ratio Adjustment
- 16 • Deferral and Variance Account Rider
- 17 • Smart Meter Adder
- 18 • Retail Transmission Service Rates
- 19 • LRAM Rate Rider
- 20 • Late Payment Class Action Recovery
- 21 • Outstanding Board Directives
- 22 • Current and Proposed Rates – Appendix A
- 23 • Customer Impacts – Appendix B

24

25

1 **Price Cap Adjustment**

2 The price cap adjustment under the Board's 3rd Generation IRM plan, is determined as the
3 annual percentage change in the productivity factor (GDP-IPI) less the X-Factor. For IRM3 the
4 X-Factor is a productivity factor of 0.72% plus a stretch factor. In the attached application,
5 Burlington Hydro's electricity distribution rates for 2011 have been adjusted based on the
6 following figures:

- 7 - Price escalator (GDP-IPI) – 1.3%;
- 8 - Productivity factor – -0.72%; and
- 9 - Stretch factor – -0.4%.
- 10 - Resulting Price Cap Index – 0.18%

11 Burlington Hydro understands that upon publication of the 2010 GDP-IPI by Statistics Canada at
12 the end of February 2011, the Board will update the rate application to reflect this change. In
13 addition, once the Board establishes the final groupings of distributor specific stretch factors, the
14 Board will update that data accordingly.

15 The 2011 IRM3 Rate Generator is included in the evidence at Tab 2.

16

17 **Tax Sharing**

18 As part of the Supplemental Report of the Board on 3rd Generation Incentive Regulation for
19 Ontario's Electricity Distributors (EB-2007-0673) – September 17, 2008; the Board determined
20 that there would be a 50/50 sharing of the impact of currently know legislated tax changes. As
21 part of this application, Burlington has identified a reduction in the capital tax rate and the
22 income tax rate.

23 Burlington Hydro has completed the 2011 IRM3 Shared Tax Savings Workform and has
24 determined the tax sharing amounts. This model is included at Tab 3. These rate riders are
25 included at page J2.7 of the Rate Generator Workform.

26

1

Revenue to Cost Ratio

2 In order to implement the final phase of the directive from the Board's Decision for Burlington
3 Hydro's 2010 cost of service application in regards to revenue to cost ratios, Burlington Hydro
4 proposes the following Revenue to Cost ratios as determined by the Supplemental Model.

Rate Class	Revenue to Cost Ratio	
	2010 Approved	2011 Proposed
Residential	107.0%	106.6%
General Service Less Than 50 kW	107.1%	106.7%
General Service 50-4,999 kW	85.0%	85.0%
Unmetered Scattered Load	101.8%	101.8%
USL	42.5%	70.0%

5

6 For 2011, Burlington Hydro proposed to increase the revenue to cost ratios for the Street
7 Lighting class to reach the bottom of the Board's target range. Burlington Hydro is proposing
8 that the Residential and General Service Less than 50 kW rate classes are proportionately
9 reduced to balance the change to the Street Light rate class. This is because these classes have
10 the highest revenue to cost ratios and this slight reduction will help in moving them towards a
11 100% revenue to cost ratio. The Unmetered Scattered Load and General Service 50 to 4,999 kW
12 rate class maintain the 2010 approved revenue cost ratios of 101.8% and 85% respectively.

13 The 2011 IRM3 Revenue Cost Ratio Adjustment Workform is included at Tab 4 of this evidence
14 package. The rate adjustments resulting from the above movements in the revenue to cost ratios
15 are determined in Sheet C 1.9 of the workform and entered in the Rate Generator Model at Sheet
16 D1.2.

17

18

Deferral and Variance Account Disposition

19 The Report of the Board on Electricity Distributor's Deferral and Variance Account Review
20 Report (the "EDDVAR Report") has detailed that during the IRM plan term, the Group 1 audited
21 account balances will be reviewed and disposed of if the preset disposition threshold of
22 \$0.001/kWh (debit or credit) is exceeded. Burlington Hydro's cost of service rebasing
23 application included disposition of the majority of the accounts. The accounts subject to review

1 at this point are related only to 2009 activity and interest. Burlington Hydro has not included
 2 Account 1595 in this analysis as it is currently being disposed of through approval in the 2010
 3 Cost of Service application. This account is being cleared over a four year period and any
 4 residual will be brought forward in a future year. A summary of Burlington Hydro's Group 1
 5 Accounts is as follows:

Account Description	Account Number	Closing Principal Balance as at December 31, 2009	Interest Amounts to April 30, 2011	Total Claim Amount
LV Variance Account	1550	\$ (192,555)	\$ (2,602)	\$ (195,157)
RSVA - Wholesale Market Service Charge	1580	\$ (432,276)	\$ (6,146)	\$ (438,422)
RSVA - Retail Transmission Network Charge	1584	\$ 48,549	\$ 132	\$ 48,681
RSVA - Retail Transmission Connection Charge	1586	\$ (286,028)	\$ (4,121)	\$ (290,149)
RSVA - Power (excluding Global Adjustment)	1588	\$ (684,537)	\$ 38,927	\$ (645,610)
RSVA - Power (Global Adjustment)	1588	\$ 1,731,375	\$ 5,883	\$ 1,737,258
Recovery of Regulatory Asset Balances	1590	\$ 103	\$ 2	\$ 105
TOTAL		\$ 184,631	\$ 32,075	\$ 216,706

6
 7
 8 The Threshold Test, based on the above total claim amount and Burlington Hydro's 2010
 9 approved cost of service volumes of 1,703,251,515 kWh, determined an amount of \$0.000127
 10 per kWh which is below the ceiling rate of \$0.001 per kWh established by the Board. Therefore
 11 a disposition plan is not required nor proposed by Burlington Hydro.

12
 13 **Smart Meter Adder**

14 Burlington Hydro has updated the smart meter workform that was provided in the 2010 cost of
 15 service application to reflect more current actual and forecast information. This workform has
 16 been provided at Tab 5 of this evidence package.

17 For 2011 rates, Burlington Hydro proposes to increase the smart meter adder to an amount of
 18 \$3.38 per meter per month from the existing \$1.00 per meter per month as approved in its current
 19 rates.

20
 21
 22

1 **Retail Transmission Rates**

2 The Board's Revision to Guideline G-2008-0001 - Electricity Distribution Retail Transmission
3 Service Rates ("RTSR"s) were issued July 8, 2010. Based on the most recent Decision and Rate
4 Order of the Board (EB-2008-0272), new Uniform Transmission Rates (UTR's) are effective
5 January 1, 2010 and are as follows:

- 6 - Network Service Rate \$2.97 per kW per month;
- 7 - Line Connection Service Rate \$0.73 per kW per month; and
- 8 - Transformation Connection Service Rate \$1.71 per kW per month.

9 For 2011, the Guideline instructs distributors to adjust RTSR's based on a comparison of
10 historical transmission costs adjusted for new UTR levels and revenues generated from existing
11 RTSRs. The Guideline further notes that once the January 1, 2011 UTR rates have been
12 determined, the Board will adjust each distributor's rate application model to incorporate any
13 changes.

14 The 2011 RTST Adjustment Workform as provided by the Board and completed by Burlington
15 Hydro is included in this application at Tab 6. The results from pages F1.1 and F1.2 of this
16 model are included in the 2011 IRM3 Rate Generator at pages L1.1 and L2.1.

17

18 **LRAM Claim**

19 In accordance with the Guidelines for Electricity Distributor Conservation and Demand
20 Management (EB-2008-0037) – March 28, 2008, Burlington Hydro has included in this
21 application a request for the establishment of a rate rider to recover lost revenues.

22 As part of Burlington Hydro's 2010 Cost of Service application (EB-2009-0259), Burlington
23 Hydro included a request for LRAM and SSM claim. This request was related to conservation
24 programs initiated in the Conservation and Demand Management Plan, with a total budget of
25 \$2,157,862 (RP-2004-0203/EB-2004-0525) approved by the Board related to the third

1 installment of their incremental market adjusted revenue requirement (“MARR”). In addition,
 2 there were programs that Burlington Hydro requested and received approval for an incremental
 3 \$400,000 as part of the 2006 EDR Decision (RP-2005-0020/EB-2005-0356), for additional CDM
 4 projects. Subsequent to these initiatives, Burlington Hydro has been participating in Ontario
 5 Power Authority funded conservation programs since 2007. Burlington Hydro’s request for
 6 LRAM and SSM in the 2010 Cost of Service application was approved by the Board.

7 Burlington Hydro has continued to participate in the OPA programs, and as a result of the
 8 successful implementation of these various conservation programs, Burlington Hydro has
 9 experienced loss of distribution revenue, and is therefore applying to the OEB for additional
 10 recovery through the LRAM. The current request is consistent with the approach and
 11 assumptions used in the calculations previously approved by the Board.

12 Burlington Hydro is requesting an LRAM amount of \$407,790. Detail for these amounts are
 13 described in the “Burlington Hydro Inc. LRAM” Report, attached at Tab 7 of this application.

14 Burlington Hydro is requesting an LRAM specific rate rider be established to collect the total
 15 claim amount. This rate rider would be allocated to the Residential, General Service > 50 kW
 16 and General Service > 50 kW rate classes according to the breakdown as identified at Table 6 in
 17 the “Burlington Hydro Inc. LRAM” report. Burlington Hydro is requesting to collect the total
 18 amount as determined in the LRAM application over a three year period, to correspond with the
 19 sunset date of the current approved LRAM/SSM rate rider. Details of the calculation of the rate
 20 riders are attached below. The combined rate rider is the amount that is included in the Rate
 21 Generator Model at sheet J2.5.

Rate Class	Amounts (2009 & 2010)		Billing Units (2010)	Rate Riders	Two Year Rate Rider	Three Year Rate Rider	Number of Years to Use	Proposed Rate Rider	Existing Rate Rider	Combined Rate Rider
	LRAM			LRAM	Total	Total		Total	Total	Total
	\$			\$/unit (kWh or kW)	\$/unit (kWh or kW)	\$/unit (kWh or kW)		3	\$/unit (kWh or kW)	\$/unit (kWh or kW)
Residential	240,011	555,923,716	kWh	0.0004	0.0002	0.0001		0.0001	0.0003	0.0004
GS < 50 kW	145,155	183,112,615	kWh	0.0008	0.0004	0.0003		0.0003	0.0001	0.0004
GS >50	22,624	2,448,411	kW	0.0092	0.0046	0.0031		0.0031	0.0103	0.0134
USL	0	3,918,008	kWh	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
Street Lighting	0	26,120	kW	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000
Total	407,790									

22

23

1 **Late Payment Class Action Recovery**

2 As part of this application, Burlington Hydro is seeking recovery of a one-time expense in the
3 amount of \$231,026.96 which is to be paid on June 30, 2011. This payment will serve to resolve
4 long-standing litigation against all former municipal electric utilities (“MEUs”) in the Province
5 in relation to late payment penalty (“LPP”) charges collected pursuant to, first, Ontario Hydro
6 rate schedules and, after industry restructuring, Ontario Energy Board rate orders (the “LPP
7 Class Action”).

8 On July 22, 2010, The Honourable Mr. Justice Cumming of the Ontario Superior Court of Justice
9 approved a settlement of the LPP Class Action, the principal terms of which are the following:

- 10 (a) Former MEUs collectively pay \$17 million in damages;
11 (b) Payment is not due until June 30, 2011; and
12 (c) Amounts paid, after deduction for class counsel fee, will be paid to the Winter
13 Warmth Fund or similar charities.

14 Burlington Hydro will make a payment of \$231,026.96 by June 30, 2011. This amount represents
15 Burlington Hydro’s share of the settlement, applicable taxes and legal fees. Burlington Hydro
16 believes that the settlement is in its best interest and the best interest of its customers and that the
17 payment in connection with the settlement will be a prudent one.

18 Burlington Hydro, along with all other electricity distributors filing for cost of service and IRM
19 applications for 2011 electricity distribution rates (the “LDCs”), proposes that the Board hold a
20 generic hearing at the earliest opportunity to determine if all costs and damages incurred in this
21 litigation and settlement are recoverable from customers and, if so, the form and timing of
22 recovery from customers. If the Board agrees to hold this generic hearing, the LDCs will
23 collectively file written evidence to address the prudence of the settlement, the costs incurred, the
24 methodology of allocating total settlement costs amongst the LDCs, the proposed method of
25 recovery, and any other matters the Board determines appropriate.

26 If the Board determines that it will not hold a generic proceeding, Burlington Hydro asks to be
27 advised of this fact as soon as possible so that it can file, to permit adjudication as part of this
28 proceeding, written evidence to address the prudence of the settlement, the costs incurred, the

1 methodology of allocating total settlement costs amongst the LDCs, the proposed method of
2 recovery, and any other matters the Board determines appropriate.

3

4

Outstanding Board Directives

5 Burlington Hydro has one outstanding Board Directive. As part of the 2010 Cost of Service
6 proceeding (EB-2009-0259) the Board directed Burlington Hydro to calculate the amount of
7 contributions that should have been received from the City in each year since the date of the
8 Shareholder Direction, and the impact on both gross assets and accumulated depreciations up to
9 December 31, 2010. Burlington Hydro has included this data at Tab 8 of this package.

10

11

Conclusion

12

13 A copy of the current tariff sheet and the proposed tariff sheet Appendix A of this Schedule and
14 the customer impacts are provided in Appendix B of this Schedule. In summary, the bill impact
15 for a Residential customer in Burlington Hydro, with a monthly electricity consumption of 800
16 kWh, will be 1.7% or \$2.00 per month after GST. The bill impact for a General Service Less
17 Than 50 kW customer with a monthly electricity consumption of 2,000 kWh, will be 0.6% or
18 \$1.67 per month after GST

CURRENT AND PROPOSED TARRIFF SHEETS

Burlington Hydro Inc.

CURRENT TARIFF OF RATES AND CHARGES

CURRENT MONTHLY RATES AND CHARGES

Residential

Monthly Rates and Charges - Delivery Component

Service Charge	\$	12.15
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0166
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00030
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.0006)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014	\$/kWh	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0054

Monthly Rates and Charges - Regulatory Component

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

General Service Less Than 50 kW

Monthly Rates and Charges - Delivery Component

Service Charge	\$	25.24
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kWh	0.0136
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00030
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.0006)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014	\$/kWh	0.0001
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047

Monthly Rates and Charges - Regulatory Component

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

General Service 50 to 4,999 kW

Monthly Rates and Charges - Delivery Component

Service Charge	\$	71.66
Service Charge Smart Meters	\$	1.00
Distribution Volumetric Rate	\$/kW	2.8286
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.12400
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kW	(0.2906)

Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014	\$/kW	0.0103
Retail Transmission Rate – Network Service Rate	\$/kW	2.3428
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.3768
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9574
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	2.0663

Monthly Rates and Charges - Regulatory Component

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

Unmetered Scattered Load

Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	10.18
Distribution Volumetric Rate	\$/kWh	0.0176
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00030
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.0006)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047

Monthly Rates and Charges - Regulatory Component

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

Street Lighting

Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	0.36
Distribution Volumetric Rate	\$/kW	2.6146
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.10890
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kW	(0.3359)
Retail Transmission Rate – Network Service Rate	\$/kW	1.7370
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4705

Monthly Rates and Charges - Regulatory Component

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

microFIT Generator

Service Charge	\$	5.25
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CURRENT SPECIFIC SERVICE CHARGES

Customer Administration

Arrears certificate	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Statement of account	\$	15.00

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00
Non-Payment of Account		
Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Other		
Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

Allowances

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

Current Retail Service Charges (if applicable)

Retail Service Charges (if applicable)

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)

Service Transaction Requests (STR)

Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50

Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party

Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0405
Total Loss Factor - Secondary Metered Customer > 5,000 kW	na
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0301
Total Loss Factor - Primary Metered Customer > 5,000 kW	na

Burlington Hydro Inc.
TARIFF OF RATES AND CHARGES
Effective Sunday, May 01, 2011

EB-2010-0067

MONTHLY RATES AND CHARGES

Applied For Monthly Rates and Charges

Residential

Monthly Rates and Charges - Delivery Component

Service Charge	\$	12.12
Service Charge Smart Meters	\$	3.38
Distribution Volumetric Rate	\$/kWh	0.0165
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00030
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.0006)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014	\$/kWh	0.0004
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0052

Monthly Rates and Charges - Regulatory Component

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

General Service Less Than 50 kW

Monthly Rates and Charges - Delivery Component

Service Charge	\$	25.19
Service Charge Smart Meters	\$	3.38
Distribution Volumetric Rate	\$/kWh	0.0135
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00030
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.0006)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014	\$/kWh	0.0004
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.0001)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

Monthly Rates and Charges - Regulatory Component

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

General Service 50 to 4,999 kW

Monthly Rates and Charges - Delivery Component

Service Charge	\$	71.79
Service Charge Smart Meters	\$	3.38
Distribution Volumetric Rate	\$/kWh	2.8337
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.12400

Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kW	(0.2906)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014	\$/kW	0.0134
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.0170)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2330
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.2654
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8696
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.9736

Monthly Rates and Charges - Regulatory Component

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

Unmetered Scattered Load

Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	10.20
Distribution Volumetric Rate	\$/kWh	0.0176
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kWh	0.00030
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.0006)
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.0002)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045

Monthly Rates and Charges - Regulatory Component

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

Street Lighting

Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	0.60
Distribution Volumetric Rate	\$/kW	4.3703
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Wednesday, April 30, 2014 Applicable only for Non-RPP Customers	\$/kW	0.10890
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kW	(0.3359)
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.0268)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6556
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5365

Monthly Rates and Charges - Regulatory Component

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

microFIT Generator

Service Charge	\$	5.25
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Specific Service Charges

Customer Administration

Arrears certificate	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Statement of account	\$	15.00

Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Returned cheque charge (plus bank charges)	\$	15.00

Non-Payment of Account

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	30.00
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00

Other

Temporary service install & remove - overhead - no transformer	\$	500.00
Specific Charge for Access to the Power Poles \$/pole/year	\$	22.35

Allowances

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

Retail Service Charges (if applicable)

Retail Service Charges (if applicable)

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

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/cust.	(0.30)

Service Transaction Requests (STR)

Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year		no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0405
Total Loss Factor - Secondary Metered Customer > 5,000 kW	na
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0301
Total Loss Factor - Primary Metered Customer > 5,000 kW	na

CUSTOMER BILL IMPACTS

Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Effective Date: Sunday, May 01, 2011
 Version : 2.0

Residential

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	12.15	12.12
Service Charge Rate Adder(s)	\$	1.00	3.38
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0166	0.0165
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	-	-
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0003	- 0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0061	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0054	0.0052
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	800 kWh	0 kWh
RPP Tier One	600 kWh	Load Factor

Loss Factor 1.0405

Residential	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.00	0.0%	32.68%
Energy Second Tier (kWh)	233	0.0750	17.48	233	0.0750	17.48	0.00	0.0%	14.65%
Sub-Total: Energy			56.48			56.48	0.00	0.0%	47.33%
Service Charge	1	12.15	12.15	1	12.12	12.12	-0.03	(0.2)%	10.16%
Service Charge Rate Adder(s)	1	1.00	1.00	1	3.38	3.38	2.38	238.0%	2.83%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	800	0.0166	13.28	800	0.0165	13.20	-0.08	(0.6)%	11.06%
Distribution Volumetric Rate Adder(s)	800	0.0000	0.00	800	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	800	0.0000	0.00	800	0.0000	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	800	-0.0003	-0.24	800	-0.0004	-0.32	-0.08	33.3%	-0.27%
Total: Distribution			26.19			28.38	2.19	8.4%	23.78%
Retail Transmission Rate – Network Service Rate	833	0.0061	5.08	833	0.0058	4.83	-0.25	(4.9)%	4.05%
Retail Transmission Rate – Line and Transformation Connection Service Rate	833	0.0054	4.50	833	0.0052	4.33	-0.17	(3.8)%	3.63%
Total: Retail Transmission			9.58			9.16	-0.42	(4.4)%	7.68%
Sub-Total: Delivery (Distribution and Retail Transmission)			35.77			37.54	1.77	4.9%	31.46%
Wholesale Market Service Rate	833	0.0052	4.33	833	0.0052	4.33	0.00	0.0%	3.63%
Rural Rate Protection Charge	833	0.0013	1.08	833	0.0013	1.08	0.00	0.0%	0.90%
Special Purpose Charge	833	0.0004	0.33	833	0.0004	0.33	0.00	0.0%	0.28%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.21%
Sub-Total: Regulatory			5.99			5.99	0.00	0.0%	5.02%
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	0.00	0.0%	4.69%
Total Bill before Taxes			103.84			105.61	1.77	1.7%	88.50%
HST	103.84	13%	13.50	105.61	13%	13.73	0.23	1.7%	11.50%
Total Bill			117.34			119.34	2.00	1.7%	100.00%

Rate Class Threshold Test

Residential

	kWh	250	600	800	1,400	2,250
Loss Factor Adjusted kWh		261	625	833	1,457	2,342
	kW					
	Load Factor					

Energy

Applied For Bill	\$ 16.96	\$ 40.88	\$ 56.48	\$ 103.28	\$ 169.65
Current Bill	\$ 16.96	\$ 40.88	\$ 56.48	\$ 103.28	\$ 169.65
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	34.8%	44.3%	47.3%	51.5%	53.8%

Distribution

Applied For Bill	\$ 19.52	\$ 25.16	\$ 28.38	\$ 38.04	\$ 51.72
Current Bill	\$ 17.22	\$ 22.93	\$ 26.19	\$ 35.97	\$ 49.82
\$ Impact	\$ 2.30	\$ 2.23	\$ 2.19	\$ 2.07	\$ 1.90
% Impact	13.4%	9.7%	8.4%	5.8%	3.8%
% of Total Bill	40.0%	27.3%	23.8%	19.0%	16.4%

Retail Transmission

Applied For Bill	\$ 2.87	\$ 6.87	\$ 9.16	\$ 16.03	\$ 25.76
Current Bill	\$ 3.00	\$ 7.19	\$ 9.58	\$ 16.76	\$ 26.94
\$ Impact	\$ -0.13	\$ 0.32	\$ 0.42	\$ 0.73	\$ 1.18
% Impact	-4.3%	-4.5%	-4.4%	-4.4%	-4.4%
% of Total Bill	5.9%	7.4%	7.7%	8.0%	8.2%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 22.39	\$ 32.03	\$ 37.54	\$ 54.07	\$ 77.48
Current Bill	\$ 20.22	\$ 30.12	\$ 35.77	\$ 52.73	\$ 76.76
\$ Impact	\$ 2.17	\$ 1.91	\$ 1.77	\$ 1.34	\$ 0.72
% Impact	10.7%	6.3%	4.9%	2.5%	0.9%
% of Total Bill	45.9%	34.7%	31.5%	27.0%	24.6%

Regulatory

Applied For Bill	\$ 2.05	\$ 4.56	\$ 5.99	\$ 10.30	\$ 16.41
Current Bill	\$ 2.05	\$ 4.56	\$ 5.99	\$ 10.30	\$ 16.41
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	4.2%	4.9%	5.0%	5.1%	5.2%

Debt Retirement Charge

Applied For Bill	\$ 1.75	\$ 4.20	\$ 5.60	\$ 9.80	\$ 15.75
Current Bill	\$ 1.75	\$ 4.20	\$ 5.60	\$ 9.80	\$ 15.75
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	3.6%	4.6%	4.7%	4.9%	5.0%

GST

Applied For Bill	\$ 5.61	\$ 10.62	\$ 13.73	\$ 23.07	\$ 36.31
Current Bill	\$ 5.33	\$ 10.37	\$ 13.50	\$ 22.89	\$ 36.21
\$ Impact	\$ 0.28	\$ 0.25	\$ 0.23	\$ 0.18	\$ 0.10
% Impact	5.3%	2.4%	1.7%	0.8%	0.3%
% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%

Total Bill

Applied For Bill	\$ 48.76	\$ 92.29	\$ 119.34	\$ 200.52	\$ 315.60
Current Bill	\$ 46.31	\$ 90.13	\$ 117.34	\$ 199.00	\$ 314.78
\$ Impact	\$ 2.45	\$ 2.16	\$ 2.00	\$ 1.52	\$ 0.82
% Impact	5.3%	2.4%	1.7%	0.8%	0.3%

Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Effective Date: Sunday, May 01, 2011
 Version : 2.0

General Service Less Than 50 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	25.24	25.19
Service Charge Rate Adder(s)	\$	1.00	3.38
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0136	0.0135
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	-	-
Distribution Volumetric Rate Rider(s)	\$/kWh	-0.0005	0.0003
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000 kWh	0 kW
RPP Tier One	750 kWh	Load Factor

Loss Factor 1.0405

General Service Less Than 50 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	17.06%
Energy Second Tier (kWh)	1,332	0.0750	99.90	1,332	0.0750	99.90	0.00	0.0%	34.96%
Sub-Total: Energy			148.65			148.65	0.00	0.0%	52.03%
Service Charge	1	25.24	25.24	1	25.19	25.19	-0.05	(0.2)%	8.82%
Service Charge Rate Adder(s)	1	1.00	1.00	1	3.38	3.38	2.38	238.0%	1.18%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0136	27.20	2,000	0.0135	27.00	-0.20	(0.7)%	9.45%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	2,000	-0.0005	-1.00	2,000	-0.0003	-0.60	0.40	(40.0)%	-0.21%
Total: Distribution			52.44			54.97	2.53	4.8%	19.24%
Retail Transmission Rate – Network Service Rate	2,082	0.0057	11.87	2,082	0.0054	11.24	-0.63	(5.3)%	3.93%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,082	0.0047	9.79	2,082	0.0045	9.37	-0.42	(4.3)%	3.28%
Total: Retail Transmission			21.66			20.61	-1.05	(4.8)%	7.21%
Sub-Total: Delivery (Distribution and Retail Transmission)			74.10			75.58	1.48	2.0%	26.45%
Wholesale Market Service Rate	2,082	0.0052	10.83	2,082	0.0052	10.83	0.00	0.0%	3.79%
Rural Rate Protection Charge	2,082	0.0013	2.71	2,082	0.0013	2.71	0.00	0.0%	0.95%
Special Purpose Charge	2,082	0.0004	0.83	2,082	0.0004	0.83	0.00	0.0%	0.29%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.09%
Sub-Total: Regulatory			14.62			14.62	0.00	0.0%	5.12%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	4.90%
Total Bill before Taxes			251.37			252.85	1.48	0.6%	88.50%
HST	251.37	13%	32.68	252.85	13%	32.87	0.19	0.6%	11.50%
Total Bill			284.05			285.72	1.67	0.6%	100.00%

Rate Class Threshold Test

General Service Less Than 50 kW

	kWh	1,000	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		1,041	2,082	7,804	15,608	20,811
	kW					
Load Factor						
Energy	Applied For Bill	\$ 70.58	\$ 148.65	\$ 577.80	\$ 1,163.10	\$ 1,553.33
	Current Bill	\$ 70.58	\$ 148.65	\$ 577.80	\$ 1,163.10	\$ 1,553.33
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	45.6%	52.0%	57.5%	58.6%	58.9%
Distribution	Applied For Bill	\$ 41.77	\$ 54.97	\$ 127.57	\$ 226.57	\$ 292.57
	Current Bill	\$ 39.34	\$ 52.44	\$ 124.49	\$ 222.74	\$ 288.24
	\$ Impact	\$ 2.43	\$ 2.53	\$ 3.08	\$ 3.83	\$ 4.33
	% Impact	6.2%	4.8%	2.5%	1.7%	1.5%
	% of Total Bill	27.0%	19.2%	12.7%	11.4%	11.1%
Retail Transmission	Applied For Bill	\$ 10.30	\$ 20.61	\$ 77.26	\$ 154.52	\$ 206.03
	Current Bill	\$ 10.82	\$ 21.66	\$ 81.16	\$ 162.33	\$ 216.43
	\$ Impact	-\$ 0.52	-\$ 1.05	-\$ 3.90	-\$ 7.81	-\$ 10.40
	% Impact	-4.8%	-4.8%	-4.8%	-4.8%	-4.8%
	% of Total Bill	6.6%	7.2%	7.7%	7.8%	7.8%
Delivery (Distribution and Retail Transmission)	Applied For Bill	\$ 52.07	\$ 75.58	\$ 204.83	\$ 381.09	\$ 498.60
	Current Bill	\$ 50.16	\$ 74.10	\$ 205.65	\$ 385.07	\$ 504.67
	\$ Impact	\$ 1.91	\$ 1.48	\$ 0.82	-\$ 3.98	-\$ 6.07
	% Impact	3.8%	2.0%	-0.4%	-1.0%	-1.2%
	% of Total Bill	33.6%	26.5%	20.4%	19.2%	18.9%
Regulatory	Applied For Bill	\$ 7.43	\$ 14.62	\$ 54.10	\$ 107.94	\$ 143.84
	Current Bill	\$ 7.43	\$ 14.62	\$ 54.10	\$ 107.94	\$ 143.84
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	4.8%	5.1%	5.4%	5.4%	5.4%
Debt Retirement Charge	Applied For Bill	\$ 7.00	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
	Current Bill	\$ 7.00	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	4.5%	4.9%	5.2%	5.3%	5.3%
GST	Applied For Bill	\$ 17.82	\$ 32.87	\$ 115.60	\$ 228.43	\$ 303.65
	Current Bill	\$ 17.57	\$ 32.68	\$ 115.71	\$ 228.94	\$ 304.44
	\$ Impact	\$ 0.25	\$ 0.19	-\$ 0.11	-\$ 0.51	-\$ 0.79
	% Impact	1.4%	0.6%	-0.1%	-0.2%	-0.3%
	% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%
Total Bill	Applied For Bill	\$ 154.90	\$ 285.72	\$ 1,004.83	\$ 1,985.56	\$ 2,639.42
	Current Bill	\$ 152.74	\$ 284.05	\$ 1,005.76	\$ 1,990.05	\$ 2,646.28
	\$ Impact	\$ 2.16	\$ 1.67	-\$ 0.93	-\$ 4.49	-\$ 6.86
	% Impact	1.4%	0.6%	-0.1%	-0.2%	-0.3%

Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Effective Date: Sunday, May 01, 2011
Version : 2.0

General Service 50 to 4,999 kW

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	71.66	71.79
Service Charge Rate Adder(s)	\$	1.00	3.38
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.8286	2.8337
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	-	-
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.2803	- 0.2942
Retail Transmission Rate – Network Service Rate	\$/kW	2.3428	2.2330
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.9574	1.8696
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	995,000	kWh	2,480	kW
RPP Tier One	750	kWh	Load Factor	55.0%

Loss Factor 1.0405

General Service 50 to 4,999 kW	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	0.04%
Energy Second Tier (kWh)	1,034,548	0.0750	77,591.10	1,034,548	0.0750	77,591.10	0.00	0.0%	63.40%
Sub-Total: Energy			77,639.85			77,639.85	0.00	0.0%	63.44%
Service Charge	1	71.66	71.66	1	71.79	71.79	0.13	0.2%	0.06%
Service Charge Rate Adder(s)	1	1.00	1.00	1	3.38	3.38	2.38	238.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,480	2.8286	7,014.93	2,480	2.8337	7,027.58	12.65	0.2%	5.74%
Distribution Volumetric Rate Adder(s)	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,480	0.0000	0.00	2,480	0.0000	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	2,480	-0.2803	-695.14	2,480	-0.2942	-729.62	-34.48	5.0%	-0.60%
Total: Distribution			6,392.45			6,373.13	-19.32	(0.3)%	5.21%
Retail Transmission Rate – Network Service Rate	2,480	2.3428	5,810.14	2,480	2.2330	5,537.84	-272.30	(4.7)%	4.53%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,480	1.9574	4,854.35	2,480	1.8696	4,636.61	-217.74	(4.5)%	3.79%
Total: Retail Transmission			10,664.49			10,174.45	-490.04	(4.6)%	8.31%
Sub-Total: Delivery (Distribution and Retail Transmission)			17,056.94			16,547.58	-509.36	(3.0)%	13.52%
Wholesale Market Service Rate	1,035,298	0.0052	5,383.55	1,035,298	0.0052	5,383.55	0.00	0.0%	4.40%
Rural Rate Protection Charge	1,035,298	0.0013	1,345.89	1,035,298	0.0013	1,345.89	0.00	0.0%	1.10%
Special Purpose Charge	1,035,298	0.0004	414.12	1,035,298	0.0004	414.12	0.00	0.0%	0.34%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.00%
Sub-Total: Regulatory			7,143.81			7,143.81	0.00	0.0%	5.84%
Debt Retirement Charge (DRC)	995,000	0.00700	6,965.00	995,000	0.00700	6,965.00	0.00	0.0%	5.69%
Total Bill before Taxes			108,805.60			108,296.24	-509.36	(0.5)%	88.50%
HST	108,805.60	13%	14,144.73	108,296.24	13%	14,078.51	-66.22	(0.5)%	11.50%
Total Bill			122,950.33			122,374.75	-575.58	(0.5)%	100.00%

Rate Class Threshold Test

General Service 50 to 4,999 kW

	kWh	20,000	510,000	995,000	1,501,000	2,006,000
Loss Factor Adjusted kWh		20,811	530,656	1,035,298	1,561,791	2,087,244
	kW	50	1,270	2,480	3,740	5,000
Load Factor		54.8%	55.0%	55.0%	55.0%	55.0%
Energy	Applied For Bill	\$ 1,553.33	\$ 39,791.70	\$ 77,639.85	\$ 117,126.83	\$ 156,535.81
	Current Bill	\$ 1,553.33	\$ 39,791.70	\$ 77,639.85	\$ 117,126.83	\$ 156,535.81
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	61.2%	63.4%	63.4%	63.5%	63.5%
Distribution	Applied For Bill	\$ 202.14	\$ 3,300.34	\$ 6,373.13	\$ 9,572.90	\$ 12,772.67
	Current Bill	\$ 200.08	\$ 3,309.00	\$ 6,392.45	\$ 9,603.30	\$ 12,814.16
	\$ Impact	\$ 2.06	\$ -8.66	\$ 19.32	\$ 30.40	\$ 41.49
	% Impact	1.0%	-0.3%	-0.3%	-0.3%	-0.3%
	% of Total Bill	8.0%	5.3%	5.2%	5.2%	5.2%
Retail Transmission	Applied For Bill	\$ 205.13	\$ 5,210.30	\$ 10,174.45	\$ 15,343.72	\$ 20,513.00
	Current Bill	\$ 215.01	\$ 5,461.26	\$ 10,664.49	\$ 16,082.75	\$ 21,501.00
	\$ Impact	\$ 9.88	\$ 250.96	\$ 490.04	\$ 739.03	\$ 988.00
	% Impact	-4.6%	-4.6%	-4.6%	-4.6%	-4.6%
	% of Total Bill	8.1%	8.3%	8.3%	8.3%	8.3%
Delivery (Distribution and Retail Transmission)	Applied For Bill	\$ 407.27	\$ 8,510.64	\$ 16,547.58	\$ 24,916.62	\$ 33,285.67
	Current Bill	\$ 415.09	\$ 8,770.26	\$ 17,056.94	\$ 25,686.05	\$ 34,315.16
	\$ Impact	\$ 7.82	\$ 259.62	\$ 509.36	\$ 769.43	\$ 1,029.49
	% Impact	-1.9%	-3.0%	-3.0%	-3.0%	-3.0%
	% of Total Bill	16.1%	13.6%	13.5%	13.5%	13.5%
Regulatory	Applied For Bill	\$ 143.84	\$ 3,661.77	\$ 7,143.81	\$ 10,776.61	\$ 14,402.24
	Current Bill	\$ 143.84	\$ 3,661.77	\$ 7,143.81	\$ 10,776.61	\$ 14,402.24
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	5.7%	5.8%	5.8%	5.8%	5.8%
Debt Retirement Charge	Applied For Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
	Current Bill	\$ 140.00	\$ 3,570.00	\$ 6,965.00	\$ 10,507.00	\$ 14,042.00
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	5.5%	5.7%	5.7%	5.7%	5.7%
GST	Applied For Bill	\$ 291.78	\$ 7,219.43	\$ 14,078.51	\$ 21,232.52	\$ 28,374.54
	Current Bill	\$ 292.79	\$ 7,253.18	\$ 14,144.73	\$ 21,332.54	\$ 28,508.38
	\$ Impact	\$ 1.01	\$ 33.75	\$ 66.22	\$ 100.02	\$ 133.84
	% Impact	-0.3%	-0.5%	-0.5%	-0.5%	-0.5%
	% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%
Total Bill	Applied For Bill	\$ 2,536.22	\$ 62,753.54	\$ 122,374.75	\$ 184,559.58	\$ 246,640.26
	Current Bill	\$ 2,545.05	\$ 63,046.91	\$ 122,950.33	\$ 185,429.03	\$ 247,803.59
	\$ Impact	\$ 8.83	\$ 293.37	\$ 575.58	\$ 869.45	\$ 1,163.33
	% Impact	-0.3%	-0.5%	-0.5%	-0.5%	-0.5%

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Unmetered Scattered Load

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	10.18	10.20
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kWh	0.0176	0.0176
Distribution Volumetric Rate Adder(s)	\$/kWh	-	-
Low Voltage Volumetric Rate	\$/kWh	-	-
Distribution Volumetric Rate Rider(s)	\$/kWh	- 0.0006	- 0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0057	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0047	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	2,000 kWh	0 kW
RPP Tier One	750 kWh	Load Factor

Loss Factor 1.0405

Unmetered Scattered Load	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	750	0.0650	48.75	750	0.0650	48.75	0.00	0.0%	17.85%
Energy Second Tier (kWh)	1,332	0.0750	99.90	1,332	0.0750	99.90	0.00	0.0%	36.58%
Sub-Total: Energy			148.65			148.65	0.00	0.0%	54.43%
Service Charge	1	10.18	10.18	1	10.20	10.20	0.02	0.2%	3.73%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	2,000	0.0176	35.20	2,000	0.0176	35.20	0.00	0.0%	12.89%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0000	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	2,000	-0.0006	-1.20	2,000	-0.0008	-1.60	-0.40	33.3%	-0.59%
Total: Distribution			44.18			43.80	-0.38	(0.9)%	16.04%
Retail Transmission Rate – Network Service Rate	2,082	0.0057	11.87	2,082	0.0054	11.24	-0.63	(5.3)%	4.12%
Retail Transmission Rate – Line and Transformation Connection Service Rate	2,082	0.0047	9.79	2,082	0.0045	9.37	-0.42	(4.3)%	3.43%
Total: Retail Transmission			21.66			20.61	-1.05	(4.8)%	7.55%
Sub-Total: Delivery (Distribution and Retail Transmission)			65.84			64.41	-1.43	(2.2)%	23.58%
Wholesale Market Service Rate	2,082	0.0052	10.83	2,082	0.0052	10.83	0.00	0.0%	3.97%
Rural Rate Protection Charge	2,082	0.0013	2.71	2,082	0.0013	2.71	0.00	0.0%	0.99%
Special Purpose Charge	2,082	0.0004	0.83	2,082	0.0004	0.83	0.00	0.0%	0.30%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	0.09%
Sub-Total: Regulatory			14.62			14.62	0.00	0.0%	5.35%
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.00	0.0%	5.13%
Total Bill before Taxes			243.11			241.68	-1.43	(0.6)%	88.50%
HST	243.11	13%	31.60	241.68	13%	31.42	-0.18	(0.6)%	11.50%
Total Bill			274.71			273.10	-1.61	(0.6)%	100.00%

Rate Class Threshold Test

Unmetered Scattered Load

	kWh	500	2,000	7,500	15,000	20,000
Loss Factor Adjusted kWh		521	2,082	7,804	15,608	20,811
	kW					
Load Factor						
Energy	Applied For Bill	\$ 33.86	\$ 148.65	\$ 577.80	\$ 1,163.10	\$ 1,553.33
	Current Bill	\$ 33.86	\$ 148.65	\$ 577.80	\$ 1,163.10	\$ 1,553.33
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	46.1%	54.4%	56.9%	57.4%	57.5%
Distribution	Applied For Bill	\$ 18.60	\$ 43.80	\$ 136.20	\$ 262.20	\$ 346.20
	Current Bill	\$ 18.68	\$ 44.18	\$ 137.68	\$ 265.18	\$ 350.18
	\$ Impact	-\$ 0.08	-\$ 0.38	-\$ 1.48	-\$ 2.98	-\$ 3.98
	% Impact	-0.4%	-0.9%	-1.1%	-1.1%	-1.1%
	% of Total Bill	25.3%	16.0%	13.4%	12.9%	12.8%
Retail Transmission	Applied For Bill	\$ 5.15	\$ 20.61	\$ 77.26	\$ 154.52	\$ 206.03
	Current Bill	\$ 5.42	\$ 21.66	\$ 81.16	\$ 162.33	\$ 216.43
	\$ Impact	-\$ 0.27	-\$ 1.05	-\$ 3.90	-\$ 7.81	-\$ 10.40
	% Impact	-5.0%	-4.8%	-4.8%	-4.8%	-4.8%
	% of Total Bill	7.0%	7.5%	7.6%	7.6%	7.6%
Delivery (Distribution and Retail Transmission)	Applied For Bill	\$ 23.75	\$ 64.41	\$ 213.46	\$ 416.72	\$ 552.23
	Current Bill	\$ 24.10	\$ 65.84	\$ 218.84	\$ 427.51	\$ 566.61
	\$ Impact	-\$ 0.35	-\$ 1.43	-\$ 5.38	-\$ 10.79	-\$ 14.38
	% Impact	-1.5%	-2.2%	-2.5%	-2.5%	-2.5%
	% of Total Bill	32.4%	23.6%	21.0%	20.6%	20.5%
Regulatory	Applied For Bill	\$ 3.85	\$ 14.62	\$ 54.10	\$ 107.94	\$ 143.84
	Current Bill	\$ 3.85	\$ 14.62	\$ 54.10	\$ 107.94	\$ 143.84
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	5.2%	5.4%	5.3%	5.3%	5.3%
Debt Retirement Charge	Applied For Bill	\$ 3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
	Current Bill	\$ 3.50	\$ 14.00	\$ 52.50	\$ 105.00	\$ 140.00
	\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
	% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
	% of Total Bill	4.8%	5.1%	5.2%	5.2%	5.2%
GST	Applied For Bill	\$ 8.44	\$ 31.42	\$ 116.72	\$ 233.06	\$ 310.62
	Current Bill	\$ 8.49	\$ 31.60	\$ 117.42	\$ 234.46	\$ 312.49
	\$ Impact	-\$ 0.05	-\$ 0.18	-\$ 0.70	-\$ 1.40	-\$ 1.87
	% Impact	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%
	% of Total Bill	11.5%	11.5%	11.5%	11.5%	11.5%
Total Bill	Applied For Bill	\$ 73.40	\$ 273.10	\$ 1,014.58	\$ 2,025.82	\$ 2,700.02
	Current Bill	\$ 73.80	\$ 274.71	\$ 1,020.66	\$ 2,038.01	\$ 2,716.27
	\$ Impact	-\$ 0.40	-\$ 1.61	-\$ 6.08	-\$ 12.19	-\$ 16.25
	% Impact	-0.5%	-0.6%	-0.6%	-0.6%	-0.6%

Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Effective Date: Sunday, May 01, 2011
 Version : 2.0

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.36	0.60
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.6146	4.3703
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	-	-
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.3359	- 0.3627
Retail Transmission Rate – Network Service Rate	\$/kW	1.7370	1.6556
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4705	1.5365
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	37	kWh	0.10	kW
RPP Tier One	750	kWh	Load Factor	50.7%

Loss Factor 1.0405

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	39	0.0650	2.54	39	0.0650	2.54	0.00	0.0%	48.47%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			2.54			2.54	0.00	0.0%	48.47%
Service Charge	1	0.36	0.36	1	0.60	0.60	0.24	66.7%	11.45%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.10	2.6146	0.26	0.10	4.3703	0.44	0.18	69.2%	8.40%
Distribution Volumetric Rate Adder(s)	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	0.10	-0.3359	-0.03	0.10	-0.3627	-0.04	-0.01	33.3%	-0.76%
Total: Distribution			0.59			1.00	0.41	69.5%	19.08%
Retail Transmission Rate – Network Service Rate	0.10	1.7370	0.17	0.10	1.6556	0.17	0.00	0.0%	3.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.10	1.4705	0.15	0.10	1.5365	0.15	0.00	0.0%	2.86%
Total: Retail Transmission			0.32			0.32	0.00	0.0%	6.11%
Sub-Total: Delivery (Distribution and Retail Transmission)			0.91			1.32	0.41	45.1%	25.19%
Wholesale Market Service Rate	39	0.0052	0.20	39	0.0052	0.20	0.00	0.0%	3.82%
Rural Rate Protection Charge	39	0.0013	0.05	39	0.0013	0.05	0.00	0.0%	0.95%
Special Purpose Charge	39	0.0004	0.02	39	0.0004	0.02	0.00	0.0%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	4.77%
Sub-Total: Regulatory			0.52			0.52	0.00	0.0%	9.92%
Debt Retirement Charge (DRC)	37	0.00700	0.26	37	0.00700	0.26	0.00	0.0%	4.96%
Total Bill before Taxes			4.23			4.64	0.41	9.7%	88.55%
HST	4.23	13%	0.55	4.64	13%	0.60	0.05	9.1%	11.45%
Total Bill			4.78			5.24	0.46	9.6%	100.00%

Rate Class Threshold Test

Street Lighting

	kWh	37	73	110	146	183
Loss Factor Adjusted kWh		39	76	115	152	191
	kW	0.10	0.20	0.30	0.40	0.50
Load Factor		50.7%	50.0%	50.3%	50.0%	50.2%

Energy

Applied For Bill	\$ 2.53	\$ 4.94	\$ 7.47	\$ 9.88	\$ 12.41
Current Bill	\$ 2.53	\$ 4.94	\$ 7.47	\$ 9.88	\$ 12.41
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	48.4%	52.8%	54.8%	55.8%	56.4%

Distribution

Applied For Bill	\$ 1.00	\$ 1.40	\$ 1.80	\$ 2.20	\$ 2.61
Current Bill	\$ 0.59	\$ 0.81	\$ 1.04	\$ 1.28	\$ 1.50
\$ Impact	\$ 0.41	\$ 0.59	\$ 0.76	\$ 0.92	\$ 1.11
% Impact	69.5%	72.8%	73.1%	71.9%	74.0%
% of Total Bill	19.1%	15.0%	13.2%	12.4%	11.9%

Retail Transmission

Applied For Bill	\$ 0.32	\$ 0.64	\$ 0.96	\$ 1.27	\$ 1.60
Current Bill	\$ 0.32	\$ 0.64	\$ 0.96	\$ 1.28	\$ 1.61
\$ Impact	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.01
% Impact	0.0%	0.0%	0.0%	-0.8%	-0.6%
% of Total Bill	6.1%	6.8%	7.0%	7.2%	7.3%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 1.32	\$ 2.04	\$ 2.76	\$ 3.47	\$ 4.21
Current Bill	\$ 0.91	\$ 1.45	\$ 2.00	\$ 2.56	\$ 3.11
\$ Impact	\$ 0.41	\$ 0.59	\$ 0.76	\$ 0.91	\$ 1.10
% Impact	45.1%	40.7%	38.0%	35.5%	35.4%
% of Total Bill	25.2%	21.8%	20.3%	19.6%	19.1%

Regulatory

Applied For Bill	\$ 0.52	\$ 0.78	\$ 1.05	\$ 1.30	\$ 1.57
Current Bill	\$ 0.52	\$ 0.78	\$ 1.05	\$ 1.30	\$ 1.57
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	9.9%	8.3%	7.7%	7.3%	7.1%

Debt Retirement Charge

Applied For Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
Current Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.0%	5.5%	5.7%	5.8%	5.8%

GST

Applied For Bill	\$ 0.60	\$ 1.08	\$ 1.57	\$ 2.04	\$ 2.53
Current Bill	\$ 0.55	\$ 1.00	\$ 1.47	\$ 1.92	\$ 2.39
\$ Impact	\$ 0.05	\$ 0.08	\$ 0.10	\$ 0.12	\$ 0.14
% Impact	9.1%	8.0%	6.8%	6.3%	5.9%
% of Total Bill	11.5%	11.6%	11.5%	11.5%	11.5%

Total Bill

Applied For Bill	\$ 5.23	\$ 9.35	\$ 13.62	\$ 17.71	\$ 22.00
Current Bill	\$ 4.77	\$ 8.68	\$ 12.76	\$ 16.68	\$ 20.76
\$ Impact	\$ 0.46	\$ 0.67	\$ 0.86	\$ 1.03	\$ 1.24
% Impact	9.6%	7.7%	6.7%	6.2%	6.0%

2011 IRM3 RATE GENERATOR



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Effective Date: Sunday, May 01, 2011
Version : 2.0

LDC Information

Applicant Name	Burlington Hydro Inc.
Application Type	IRM3
OEB Application Number	EB-2010-0067
Tariff Effective Date	May 1, 2011
LDC Licence Number	ED-2003-0004
Notice Publication Language	English
DRC Rate	0.00700
Customer Bills	12 per year
Distribution Demand Bill Determinant	kW
Stretch Factor Group	II
Stretch Factor Value	0.4%
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0259
Special Purpose Charge - Current	Yes
Special Purpose Charge - Applied	Yes
Application Contact Information	
Name:	Anne Rampado
Title:	Manager, Regulatory Affairs
Phone Number:	905-332-2260
E-Mail Address:	arampado@burlingtonhydro.com

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O1.2 Sum of Tariff Rate Adders	Shows Summary of Changes To Tariff Rate Adders
O1.3 Sum of Tariff Rate Rider	Shows Summary of Changes To Tariff Rate Riders
O2.1 Calculation of Bill Impact	Bill Impact Calculations
P1.1 Curr&Appl For Allowances	Enter Allowances from Current Tariff Sheets
P2.1 Curr&Appl For Spc Srv Chg	Enter Specific Service Charges from Current Tariff Sheets
P3.1 Curr&Appl For Rtl Srv Chg	Enter Retail Service Charges from Current Tariff Sheets



Name of LDC: Burlington Hydro Inc.
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Show or Hide Sheet Selection

Sheet	Show / Hide	Purpose of Sheet
C2.1 Def Var Disp 2008	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2008)
C2.2 Def Var Disp 2009	Hide	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2009)
C2.3 Def Var Disp 2010	Show	To be used by distributor that had a Rate Rider for Deferral Variance Account Disposition (2010)
C2.4 LRAMSSM Recovery RateRider	Show	To be used by distributor that had a Rate Rider for LRAM/SSM
C2.5 ForegoneRevenue Rate Rider	Hide	To be used by distributor that had a Rate Rider for Foregone Revenue
C2.6 Tax Change Rate Rider	Hide	To be used by distributor that had a Rate Rider for Shared Tax Savings
C3.1 Curr Low Voltage Vol Rt	Hide	To be used by distributor that had a Rate Rider for Low Voltage Volumetric Rate
C3.2 Global Adjustment Elect	Hide	To be used by distributor that had a Rate Rider for GA Sub-Acct - Electricity
C3.3 Global Adjustment Del	Show	To be used by distributor that had a Rate Rider for GA Sub-Acct - Delivery
D1.2 Revenue Cost Ratio Adj	Show	To be used by distributor that has a Revenue Cost Ratio Adjustment
J1.2 Smrt Grid Renew Gen Rt Add	Hide	To be used by distributor that is applying for a Rate Rider for Smart Grid / Renewable Generation Rate Adder
J2.1 Def Var Disp 2008	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2008)
J2.2 Def Var Disp 2009	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2009)
J2.3 Def Var Disp 2010	Show	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2010)
J2.4 Def Var Disp 2011	Hide	To be used by distributor that is applying for a Rate Rider for Deferral Variance Account Disposition (2011)
J2.5 LRAMSSM Recovery RateRider	Show	To be used by distributor that is applying for a Rate Rider for LRAM/SSM
J2.6 ForegoneRevenue Rate Rider	Hide	To be used by distributor that is continuing a Rate Rider for Foregone Revenue
J2.7 Tax Change Rate Rider	Show	To be used by distributor that is applying for a Rate Rider for Shared Tax Savings
J2.8 Incr Capital Rate Rider	Hide	To be used by distributor that is applying for a Rate Rider for Incremental Capital
J3.1 App For Low Voltage Vol Rt	Hide	To be used by distributor that is applying for a Rate Rider for Low Voltage Volumetric Rate
J3.2 Global Adjust Elec 2010	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2010
J3.21 Global Adjust Elec 2011	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Electricity 2011
J3.3 Global Adjust Del 2010	Show	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2010
J3.31 Global Adjust Del 2011	Hide	To be used by distributor that is applying for a Rate Rider for GA Sub-Acct - Delivery 2011



Name of LDC: Burlington Hydro Inc.
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Current and Applied For Rate Classes

Rate Group	Rate Class	Fixed Metric	Vol Metric
RES	Residential	Customer - 12 per year	kWh
GSLT50	General Service Less Than 50 kW	Customer - 12 per year	kWh
GSGT50	General Service 50 to 4,999 kW	Customer - 12 per year	kWh
USL	Unmetered Scattered Load	Connection -12 per year	kWh
SL	Street Lighting	Connection - 12 per year	kWh
NA	Rate Class 6	NA	NA
NA	Rate Class 7	NA	NA
NA	Rate Class 8	NA	NA
NA	Rate Class 9	NA	NA
NA	Rate Class 10	NA	NA
NA	Rate Class 11	NA	NA
NA	Rate Class 12	NA	NA
NA	Rate Class 13	NA	NA
NA	Rate Class 14	NA	NA
NA	Rate Class 15	NA	NA
NA	Rate Class 16	NA	NA
NA	Rate Class 17	NA	NA
NA	Rate Class 18	NA	NA
NA	Rate Class 19	NA	NA
NA	Rate Class 20	NA	NA
NA	Rate Class 21	NA	NA
NA	Rate Class 22	NA	NA
NA	Rate Class 23	NA	NA
NA	Rate Class 24	NA	NA
NA	Rate Class 25	NA	NA



Name of LDC: Burlington Hydro Inc.
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Current Smart Meter Funding Adder

Rate Adder	Smart Meters
Tariff Sheet Disclosure	Yes
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	1.00

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	1.000000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	1.000000	Customer - 12 per year	0.000000	kW



Name of LDC: Burlington Hydro Inc.
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Version : 2.0

Deferral Variance Account Disposition (2010)

Rate Rider

Def Var Disp 2010

Sunset Date

30/04/2014

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	-0.000600	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	-0.000600	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	-0.290600	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.000600	kWh
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.335900	kW



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Effective Date: Sunday, May 01, 2011
Version : 2.0

Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider

Rate Rider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery
Sunset Date	30/04/2014 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000300	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000100	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.010300	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Name of LDC: Burlington Hydro Inc.
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Effective Date: Sunday, May 01, 2011
Version : 2.0

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

Rate Rider	GA Sub-Acct - Delivery
Sunset Date	30/04/2014 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000300	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000300	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.124000	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	0.000300	kWh
Street Lighting	Yes	0.000000	Connection - 12 per year	0.108900	kW



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Effective Date: Sunday, May 01, 2011
Version : 2.0

Current Rates and Charges

Rate Class

Residential

Rate Description

Service Charge

Distribution Volumetric Rate

Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014

Retail Transmission Rate – Network Service Rate

Retail Transmission Rate – Line and Transformation Connection Service Rate

Wholesale Market Service Rate

Rural Rate Protection Charge

Standard Supply Service – Administrative Charge (if applicable)

Rate Class

General Service Less Than 50 kW

Rate Description

Service Charge

Distribution Volumetric Rate

Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014

Retail Transmission Rate – Network Service Rate

Retail Transmission Rate – Line and Transformation Connection Service Rate

Wholesale Market Service Rate

Rural Rate Protection Charge

Standard Supply Service – Administrative Charge (if applicable)

Rate Class

General Service 50 to 4,999 kW

Rate Description

Service Charge

Distribution Volumetric Rate

Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Wednesday, April 30, 2014

Retail Transmission Rate – Network Service Rate

Retail Transmission Rate – Network Service Rate – Interval metered

Retail Transmission Rate – Line and Transformation Connection Service Rate

Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered

Wholesale Market Service Rate

Rural Rate Protection Charge

Standard Supply Service – Administrative Charge (if applicable)

Rate Class

Unmetered Scattered Load

Rate Description

Service Charge (per connection)

Distribution Volumetric Rate

Retail Transmission Rate – Network Service Rate

Retail Transmission Rate – Line and Transformation Connection Service Rate

Wholesale Market Service Rate

Rural Rate Protection Charge

Standard Supply Service – Administrative Charge (if applicable)

Rate Class

Street Lighting

Rate Description

Service Charge (per connection)

Distribution Volumetric Rate

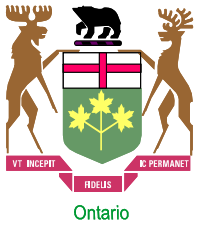
Retail Transmission Rate – Network Service Rate

Retail Transmission Rate – Line and Transformation Connection Service Rate

Wholesale Market Service Rate

Rural Rate Protection Charge

Standard Supply Service – Administrative Charge (if applicable)



Name of LDC: Burlington Hydro Inc.
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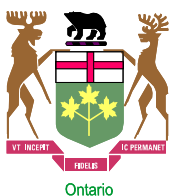
Base Distribution Rates

Service Charge

Class	Metric	Current Rates	Current Base Rates
Residential	Customer - 12 per year	12.150000	12.150000
General Service Less Than 50 kW	Customer - 12 per year	25.240000	25.240000
General Service 50 to 4,999 kW	Customer - 12 per year	71.660000	71.660000
Unmetered Scattered Load	Connection -12 per year	10.180000	10.180000
Street Lighting	Connection - 12 per year	0.360000	0.360000

Distribution Volumetric Rate

Class	Metric	Current Rates	Current Base Rates
Residential	kWh	0.016600	0.016600
General Service Less Than 50 kW	kWh	0.013600	0.013600
General Service 50 to 4,999 kW	kW	2.828600	2.828600
Unmetered Scattered Load	kWh	0.017600	0.017600
Street Lighting	kW	2.614600	2.614600



Name of LDC: Burlington Hydro Inc.
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Revenue Cost Ratio Adjustment

Rate Rebalancing Adjustment

Revenue Cost Ratio

Metric Applied To

All Customers

Method of Application

Both Distinct\$

Monthly Service Charge

Class	Metric	Base Rate	\$ Adjustment	Adj To Base
Residential	Customer - 12 per year	12.150000	- 0.050000	0.050000
General Service Less Than 50 kW	Customer - 12 per year	25.240000	- 0.100000	0.100000
General Service 50 to 4,999 kW	Customer - 12 per year	71.660000	0.000000	0.000000
Unmetered Scattered Load	Connection -12 per year	10.180000	0.000000	0.000000
Street Lighting	Connection - 12 per year	0.360000	0.240000	0.240000

Volumetric Distribution Charge

Class	Metric	Base Rate	\$ Adjustment	Adj To Base
Residential	kWh	0.016600	- 0.000100	0.000100
General Service Less Than 50 kW	kWh	0.013600	- 0.000100	0.000100
General Service 50 to 4,999 kW	kW	2.828600	0.000000	0.000000
Unmetered Scattered Load	kWh	0.017600	0.000000	0.000000
Street Lighting	kW	2.614600	1.747800	1.747800



Name of LDC: Burlington Hydro Inc.
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Rate Rebalanced Base Distribution Rates

Monthly Service Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	Customer - 12 per year	12.150000	-0.050000	12.100000
General Service Less Than 50 kW	Customer - 12 per year	25.240000	-0.100000	25.140000
General Service 50 to 4,999 kW	Customer - 12 per year	71.660000	0.000000	71.660000
Unmetered Scattered Load	Connection -12 per year	10.180000	0.000000	10.180000
Street Lighting	Connection - 12 per year	0.360000	0.240000	0.600000

Volumetric Distribution Charge

Class	Metric	Base Rate	Revenue Cost Ratio	Rate ReBal Base
Residential	kWh	0.016600	-0.000100	0.016500
General Service Less Than 50 kW	kWh	0.013600	-0.000100	0.013500
General Service 50 to 4,999 kW	kWh	2.828600	0.000000	2.828600
Unmetered Scattered Load	kWh	0.017600	0.000000	0.017600
Street Lighting	kW	2.614600	1.747800	4.362400



Name of LDC: Burlington Hydro Inc.
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GDP-IPI Price Cap Adjustment Worksheet

Price Cap Index

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



Name of LDC: Burlington Hydro Inc.
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GDP-IPI Price Cap Adjustment to Rates

Price Cap Adjustment	Price Cap Adjustment		
Metric Applied To	All Customers		
Method of Application	Both Uniform%		
Uniform Service Charge Percent	0.180%	Uniform Volumetric Charge Percent	0.180% kWh 0.180% kW

Monthly Service Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	Customer - 12 per year	12.100000	Yes	0.180%	0.021780
General Service Less Than 50 kW	Customer - 12 per year	25.140000	Yes	0.180%	0.045252
General Service 50 to 4,999 kW	Customer - 12 per year	71.660000	Yes	0.180%	0.128988
Unmetered Scattered Load	Connection -12 per year	10.180000	Yes	0.180%	0.018324
Street Lighting	Connection - 12 per year	0.600000	Yes	0.180%	0.001080

Volumetric Distribution Charge

Class	Metric	Base Rate	To This Class	% Adjustment	Adj To Base
Residential	kWh	0.016500	Yes	0.180%	0.000030
General Service Less Than 50 kW	kWh	0.013500	Yes	0.180%	0.000024
General Service 50 to 4,999 kW	kW	2.828600	Yes	0.180%	0.005091
Unmetered Scattered Load	kWh	0.017600	Yes	0.180%	0.000032
Street Lighting	kW	4.362400	Yes	0.180%	0.007852



Name of LDC: Burlington Hydro Inc.
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After Price Cap Base Distribution Rates General

Monthly Service Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	Customer - 12 per year	12.100000	0.021780	12.121780
General Service Less Than 50 kW	Customer - 12 per year	25.140000	0.045252	25.185252
General Service 50 to 4,999 kW	Customer - 12 per year	71.660000	0.128988	71.788988
Unmetered Scattered Load	Connection -12 per year	10.180000	0.018324	10.198324
Street Lighting	Connection - 12 per year	0.600000	0.001080	0.601080

Volumetric Distribution Charge

Class	Metric	Base Rate	Price Cap Adjustment	After Price Cape Base
Residential	kWh	0.016500	0.000030	0.016530
General Service Less Than 50 kW	kWh	0.013500	0.000024	0.013524
General Service 50 to 4,999 kW	kW	2.828600	0.005091	2.833691
Unmetered Scattered Load	kWh	0.017600	0.000032	0.017632
Street Lighting	kW	4.362400	0.007852	4.370252



Name of LDC: Burlington Hydro Inc.
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Applied For Smart Meter Funding Adder

Rate Adder	Smart Meters
Tariff Sheet Disclosure	Yes
Metric Applied To	Metered Customers
Method of Application	Uniform Service Charge
Uniform Service Charge Amount	3.38

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	3.380000	Customer - 12 per year	0.000000	kWh
General Service Less Than 50 kW	Yes	3.380000	Customer - 12 per year	0.000000	kWh
General Service 50 to 4,999 kW	Yes	3.380000	Customer - 12 per year	0.000000	kW



Name of LDC: Burlington Hydro Inc.
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Version : 2.0

Deferral Variance Account Disposition (2010)

Rate Rider

Def Var Disp 2010

Sunset Date

30/04/2014

DD/MM/YYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	-0.000600	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	-0.000600	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	-0.290600	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	-0.000600	kWh
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.335900	kW

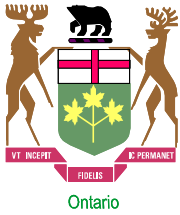


Name of LDC: Burlington Hydro Inc.
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Effective Date: Sunday, May 01, 2011
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**Lost Revenue
 Adjustment
 Mechanism (LRAM)
 Recovery/Shared
 Savings Mechanism
 (SSM) Recovery Rate
 Rider**

Rate Rider	Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery
Sunset Date	30/04/2014 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000400	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000400	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.013400	kW
Unmetered Scattered Load	No	0.000000	Connection -12 per year	0.000000	kWh
Street Lighting	No	0.000000	Connection - 12 per year	0.000000	kW



Name of LDC: Burlington Hydro Inc.
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Tax Change Rate Rider

Rate Rider	Tax Change
Sunset Date	30/04/2012 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	-0.000200	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	-0.000100	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	-0.017000	kW
Unmetered Scattered Load	Yes	0.000000	Connection - 12 per year	-0.000200	kWh
Street Lighting	Yes	0.000000	Connection - 12 per year	-0.026800	kW



Name of LDC: Burlington Hydro Inc.
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Effective Date: Sunday, May 01, 2011
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Applied For Rate Rider for Global Adjustment Sub-Account Disposition - Delivery Component 2010

Rate Rider	GA Sub-Acct - Delivery 2010
Sunset Date	30/04/2014 <small>DD/MM/YYYY</small>
Metric Applied To	All Customers
Method of Application	Distinct Volumetric

Rate Class	Applied to Class	Fixed Amount	Fixed Metric	Vol Amount	Vol Metric
Residential	Yes	0.000000	Customer - 12 per year	0.000300	kWh
General Service Less Than 50 kW	Yes	0.000000	Customer - 12 per year	0.000300	kWh
General Service 50 to 4,999 kW	Yes	0.000000	Customer - 12 per year	0.124000	kW
Unmetered Scattered Load	Yes	0.000000	Connection -12 per year	0.000300	kWh
Street Lighting	Yes	0.000000	Connection - 12 per year	0.108900	kW



Name of LDC: Burlington Hydro Inc.
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Applied For RTSR - Network

Method of Application Distinct Dollar

Rate Class	Applied to Class
Residential	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.006100	0.000%	-0.000286	0.005814

Rate Class	Applied to Class
General Service Less Than 50 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005700	0.000%	-0.000267	0.005433

Rate Class	Applied to Class
General Service 50 to 4,999 kW	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	2.342800	0.000%	-0.109806	2.232994
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.376800	0.000%	-0.111399	2.265401

Rate Class	Applied to Class
Unmetered Scattered Load	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kWh	0.005700	0.000%	-0.000267	0.005433

Rate Class	Applied to Class
Street Lighting	Yes

Rate Description	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Retail Transmission Rate – Network Service Rate	\$/kW	1.737000	0.000%	-0.081412	1.655588



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
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Applied For RTSR - Connection

Method of Application

Distinct Dollar

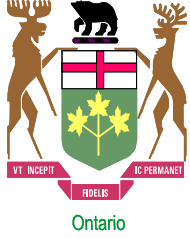
Rate Class	Applied to Class	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Residential	Yes					
Rate Description						
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kWh	0.005400	0.000%	-0.000242	0.005158

Rate Class	Applied to Class	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
General Service Less Than 50 kW	Yes					
Rate Description						
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kWh	0.004700	0.000%	-0.000211	0.004489

Rate Class	Applied to Class	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
General Service 50 to 4,999 kW	Yes					
Rate Description						
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kW	1.957400	0.000%	-0.087795	1.869605
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered		\$/kW	2.066300	0.000%	-0.092680	1.973620

Rate Class	Applied to Class	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Unmetered Scattered Load	Yes					
Rate Description						
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kWh	0.004700	0.000%	-0.000211	0.004489

Rate Class	Applied to Class	Vol Metric	Current Amount	% Adjustment	\$ Adjustment	Final Amount
Street Lighting	Yes					
Rate Description						
Retail Transmission Rate – Line and Transformation Connection Service Rate		\$/kW	1.470500	0.000%	0.065956	1.536456



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
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microFIT Generator

Rate Class

microFIT Generator

Rate Description

Service Charge

Fixed Metric	Rate
\$	5.25



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Effective Date: Sunday, May 01, 2011
Version : 2.0

Applied For Monthly Rates and Charges

Rate Class

Residential

Rate Description	Metric	Rate
Service Charge	\$	12.12
Service Charge Smart Meters	\$	12.12
Distribution Volumetric Rate	\$/kWh	0.0165
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.00060)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SRAM)	\$/kWh	0.00040
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.00020)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0058
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0052
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service Less Than 50 kW

Rate Description	Metric	Rate
Service Charge	\$	25.19
Service Charge Smart Meters	\$	25.19
Distribution Volumetric Rate	\$/kWh	0.0135
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.00060)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SRAM)	\$/kWh	0.00040
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.00010)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

General Service 50 to 4,999 kW

Rate Description	Metric	Rate
Service Charge	\$	71.79
Service Charge Smart Meters	\$	71.79
Distribution Volumetric Rate	\$/kW	2.8337
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kW	(0.29060)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SRAM)	\$/kW	0.01340
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.01700)
Retail Transmission Rate – Network Service Rate	\$/kW	2.2330
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kW	2.2654
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.8696
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kW	1.9736
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

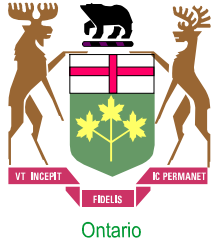
Unmetered Scattered Load

Rate Description	Metric	Rate
Service Charge (per connection)	\$	10.20
Service Charge Smart Meters	\$	10.20
Distribution Volumetric Rate	\$/kWh	0.0176
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kWh	(0.00060)
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kWh	(0.00020)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0054
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0045
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Rate Class

Street Lighting

Rate Description	Metric	Rate
Service Charge (per connection)	\$	0.60
Service Charge Smart Meters	\$	0.60
Distribution Volumetric Rate	\$/kW	4.3703
Distribution Volumetric Def Var Disp 2010 – effective until Wednesday, April 30, 2014	\$/kW	(0.33590)
Distribution Volumetric Tax Change – effective until Monday, April 30, 2012	\$/kW	(0.02680)
Retail Transmission Rate – Network Service Rate	\$/kW	1.6556
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5365
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25



Name of LDC: Burlington Hydro Inc.
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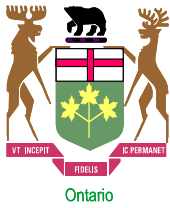
Current and Applied For Loss Factors

LOSS FACTORS

Current

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

1.0405
na
1.0301
na



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Summary of Changes To Service Charge and Distribi

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Distribution Rates	12.15	0.0166
Current Base Distribution Rates	12.15	0.0166
Rate Rebalancing Adjustments		
Revenue Cost Ratio	-0.05	-0.0001
Total Rate Rebalancing Adjustments	-0.05	-0.0001
Price Cap Adjustments		
Price Cap Adjustment	0.02	0.0000
Total Price Cap Adjustments	0.02	0.0000
Applied For Base Distribution Rates	12.12	0.0165
Applied For Tariff Distribution Rates	12.12	0.0165
	0.00	0.0000

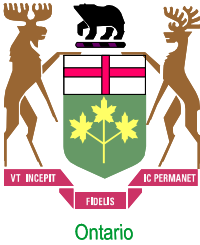
	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates	25.24	0.0136
Current Base Distribution Rates	25.24	0.01
Rate Rebalancing Adjustments		
Revenue Cost Ratio	-0.10	-0.0001
Total Rate Rebalancing Adjustments	-0.10	-0.0001
Price Cap Adjustments		
Price Cap Adjustment	0.05	0.0000
Total Price Cap Adjustments	0.05	0.0000
Applied For Base Distribution Rates	25.19	0.0135
Applied For Tariff Distribution Rates	25.19	0.0135
	0.00	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$/kW
Current Tariff Rates	71.66	2.8286
Current Base Distribution Rates	71.66	2.83
Price Cap Adjustments		
Price Cap Adjustment	0.13	0.0051
Total Price Cap Adjustments	0.13	0.0051
Applied For Base Distribution Rates	71.79	2.8337
Applied For Tariff Distribution Rates	71.79	2.8337
	0.00	0.0000

Fixed	Volumetric
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Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates	10.18	0.0176
Current Base Distribution Rates	10.18	0.02
Price Cap Adjustments		
Price Cap Adjustment	0.02	0.0000
Total Price Cap Adjustments	0.02	0.0000
Applied For Base Distribution Rates	10.20	0.0176
Applied For Tariff Distribution Rates	10.20	0.0176
	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kW
Current Tariff Rates	0.36	2.6146
Current Base Distribution Rates	0.36	2.61
Rate Rebalancing Adjustments		
Revenue Cost Ratio	0.24	1.7478
Total Rate Rebalancing Adjustments	0.24	1.7478
Price Cap Adjustments		
Price Cap Adjustment	0.00	0.0079
Total Price Cap Adjustments	0.00	0.0079
Applied For Base Distribution Rates	0.60	4.3703
Applied For Tariff Distribution Rates	0.60	4.3703
	0.00	0.0000



Name of LDC: Burlington Hydro Inc.
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Summary of Changes To Tariff Rate Ad

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
Residential	(\$)	\$/kWh
Proposed Tariff Rates Adders		
Smart Meters	3.38	0.0000
Total Proposed Tariff Rates Adders	3.38	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$/kWh
Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
General Service Less Than 50 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meters	3.38	0.0000
Total Proposed Tariff Rates Adders	3.38	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$

Current Tariff Rates Adders		
Smart Meters	1.00	0.0000
Total Current Tariff Rates Adders	1.00	0.0000

	Fixed	Volumetric
General Service 50 to 4,999 kW	(\$)	\$
Proposed Tariff Rates Adders		
Smart Meters	3.38	0.0000
Total Proposed Tariff Rates Adders	3.38	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	\$/kWh
Current Tariff Rates Adders		
Total Current Tariff Rates Adders	0.00	0.0000

	Fixed	Volumetric
Street Lighting	(\$)	0
Proposed Tariff Rates Adders		
Total Proposed Tariff Rates Adders	0.00	0.0000



Name of LDC: Burlington Hydro Inc.
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Summary of Changes To Tariff Rate Riders

	Fixed (\$)	Volumetric \$/kWh
Residential		
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0006
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0003
Total Current Tariff Rates Riders	0.00	-0.0003

	Fixed (\$)	Volumetric \$/kWh
Residential		
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0006
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0004
Tax Change	0.00	-0.0002
Total Proposed Tariff Rates Riders	0.00	-0.0004

	Fixed (\$)	Volumetric \$/kWh
General Service Less Than 50 kW		
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0006
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0001
Total Current Tariff Rates Riders	0.00	-0.0005

	Fixed (\$)	Volumetric \$
General Service Less Than 50 kW		
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0006
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0004
Tax Change	0.00	-0.0001
Total Proposed Tariff Rates Riders	0.00	-0.0003

	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW		
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.2906
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0103
Total Current Tariff Rates Riders	0.00	-0.2803

	Fixed (\$)	Volumetric \$
General Service 50 to 4,999 kW		
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.2906
Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery	0.00	0.0134
Tax Change	0.00	-0.0170
Total Proposed Tariff Rates Riders	0.00	-0.2942

Fixed	Volumetric
-------	------------

Unmetered Scattered Load	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0006
Total Current Tariff Rates Riders	0.00	-0.0006

	Fixed	Volumetric
Unmetered Scattered Load	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.0006
Tax Change	0.00	-0.0002
Total Proposed Tariff Rates Riders	0.00	-0.0008

	Fixed	Volumetric
Street Lighting	(\$)	\$/kWh
Current Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.3359
Total Current Tariff Rates Riders	0.00	-0.3359

	Fixed	Volumetric
Street Lighting	(\$)	0
Proposed Tariff Rates Riders		
Def Var Disp 2010	0.00	-0.3359
Tax Change	0.00	-0.0268
Total Proposed Tariff Rates Riders	0.00	-0.3627



Name of LDC: Burlington Hydro Inc.
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Calculation of Bill Impacts

RTSR Loss Adjusted Metered kWh	Yes
RTSR Loss Adjusted Metered kW	No

Street Lighting

Monthly Rates and Charges	Metric	Current Rate	Applied For Rate
Service Charge	\$	0.36	0.60
Service Charge Rate Adder(s)	\$	-	-
Service Charge Rate Rider(s)	\$	-	-
Distribution Volumetric Rate	\$/kW	2.6146	4.3703
Distribution Volumetric Rate Adder(s)	\$/kW	-	-
Low Voltage Volumetric Rate	\$/kW	-	-
Distribution Volumetric Rate Rider(s)	\$/kW	- 0.3359	- 0.3627
Retail Transmission Rate – Network Service Rate	\$/kW	1.7370	1.6556
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.4705	1.5365
Wholesale Market Service Rate	\$/kWh	0.0052	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013	0.0013
Special Purpose Charge	\$/kWh	0.0004	0.0004
Standard Supply Service – Administration Charge (if applicable)	\$/kWh	0.25	0.25

Consumption	37 kWh	0.10 kW
RPP Tier One	750 kWh	Load Factor 50.7%

Loss Factor 1.0405

Street Lighting	Volume	RATE \$	CHARGE \$	Volume	RATE \$	CHARGE \$	\$	%	% of Total Bill
Energy First Tier (kWh)	39	0.0650	2.54	39	0.0650	2.54	0.00	0.0%	48.47%
Energy Second Tier (kWh)	0	0.0750	0.00	0	0.0750	0.00	0.00	0.0%	0.00%
Sub-Total: Energy			2.54			2.54	0.00	0.0%	48.47%
Service Charge	1	0.36	0.36	1	0.60	0.60	0.24	66.7%	11.45%
Service Charge Rate Adder(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	0.10	2.6146	0.26	0.10	4.3703	0.44	0.18	69.2%	8.40%
Distribution Volumetric Rate Adder(s)	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	0.10	0.0000	0.00	0.10	0.0000	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	0.10	-0.3359	-0.03	0.10	-0.3627	-0.04	-0.01	33.3%	-0.76%
Total: Distribution			0.59			1.00	0.41	69.5%	19.08%
Retail Transmission Rate – Network Service Rate	0.10	1.7370	0.17	0.10	1.6556	0.17	0.00	0.0%	3.24%
Retail Transmission Rate – Line and Transformation Connection Service Rate	0.10	1.4705	0.15	0.10	1.5365	0.15	0.00	0.0%	2.86%
Total: Retail Transmission			0.32			0.32	0.00	0.0%	6.11%

Sub-Total: Delivery (Distribution and Retail Transmission)			0.91			1.32	0.41	45.1%	25.19%
Wholesale Market Service Rate	39	0.0052	0.20	39	0.0052	0.20	0.00	0.0%	3.82%
Rural Rate Protection Charge	39	0.0013	0.05	39	0.0013	0.05	0.00	0.0%	0.95%
Special Purpose Charge	39	0.0004	0.02	39	0.0004	0.02	0.00	0.0%	0.38%
Standard Supply Service – Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.00	0.0%	4.77%
Sub-Total: Regulatory			0.52			0.52	0.00	0.0%	9.92%
Debt Retirement Charge (DRC)	37	0.00700	0.26	37	0.00700	0.26	0.00	0.0%	4.96%
Total Bill before Taxes			4.23			4.64	0.41	9.7%	88.55%
HST	4.23	13%	0.55	4.64	13%	0.60	0.05	9.1%	11.45%
Total Bill			4.78			5.24	0.46	9.6%	100.00%

Rate Class Threshold Test

Street Lighting

kWh	37	73	110	146	183
Loss Factor Adjusted kWh	39	76	115	152	191
kW	0.10	0.20	0.30	0.40	0.50
Load Factor	50.7%	50.0%	50.3%	50.0%	50.2%

Energy

Applied For Bill	\$ 2.53	\$ 4.94	\$ 7.47	\$ 9.88	\$ 12.41
Current Bill	\$ 2.53	\$ 4.94	\$ 7.47	\$ 9.88	\$ 12.41
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	48.4%	52.8%	54.8%	55.8%	56.4%

Distribution

Applied For Bill	\$ 1.00	\$ 1.40	\$ 1.80	\$ 2.20	\$ 2.61
Current Bill	\$ 0.59	\$ 0.81	\$ 1.04	\$ 1.28	\$ 1.50
\$ Impact	\$ 0.41	\$ 0.59	\$ 0.76	\$ 0.92	\$ 1.11
% Impact	69.5%	72.8%	73.1%	71.9%	74.0%
% of Total Bill	19.1%	15.0%	13.2%	12.4%	11.9%

Retail Transmission

Applied For Bill	\$ 0.32	\$ 0.64	\$ 0.96	\$ 1.27	\$ 1.60
Current Bill	\$ 0.32	\$ 0.64	\$ 0.96	\$ 1.28	\$ 1.61
\$ Impact	\$ -	\$ -	\$ -	\$ 0.01	\$ 0.01
% Impact	0.0%	0.0%	0.0%	-0.8%	-0.6%
% of Total Bill	6.1%	6.8%	7.0%	7.2%	7.3%

Delivery (Distribution and Retail Transmission)

Applied For Bill	\$ 1.32	\$ 2.04	\$ 2.76	\$ 3.47	\$ 4.21
Current Bill	\$ 0.91	\$ 1.45	\$ 2.00	\$ 2.56	\$ 3.11
\$ Impact	\$ 0.41	\$ 0.59	\$ 0.76	\$ 0.91	\$ 1.10
% Impact	45.1%	40.7%	38.0%	35.5%	35.4%
% of Total Bill	25.2%	21.8%	20.3%	19.6%	19.1%

Regulatory

Applied For Bill	\$ 0.52	\$ 0.78	\$ 1.05	\$ 1.30	\$ 1.57
Current Bill	\$ 0.52	\$ 0.78	\$ 1.05	\$ 1.30	\$ 1.57
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	9.9%	8.3%	7.7%	7.3%	7.1%

Debt Retirement Charge

Applied For Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
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Current Bill	\$ 0.26	\$ 0.51	\$ 0.77	\$ 1.02	\$ 1.28
\$ Impact	\$ -	\$ -	\$ -	\$ -	\$ -
% Impact	0.0%	0.0%	0.0%	0.0%	0.0%
% of Total Bill	5.0%	5.5%	5.7%	5.8%	5.8%

GST

Applied For Bill	\$ 0.60	\$ 1.08	\$ 1.57	\$ 2.04	\$ 2.53
Current Bill	\$ 0.55	\$ 1.00	\$ 1.47	\$ 1.92	\$ 2.39
\$ Impact	\$ 0.05	\$ 0.08	\$ 0.10	\$ 0.12	\$ 0.14
% Impact	9.1%	8.0%	6.8%	6.3%	5.9%
% of Total Bill	11.5%	11.6%	11.5%	11.5%	11.5%

Total Bill

Applied For Bill	\$ 5.23	\$ 9.35	\$ 13.62	\$ 17.71	\$ 22.00
Current Bill	\$ 4.77	\$ 8.68	\$ 12.76	\$ 16.68	\$ 20.76
\$ Impact	\$ 0.46	\$ 0.67	\$ 0.86	\$ 1.03	\$ 1.24
% Impact	9.6%	7.7%	6.7%	6.2%	6.0%

Rounding Applied -0.010000
Rounding Current -0.010000



Name of LDC: Burlington Hydro Inc.
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Current and Applied For Allowances

Allowances

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



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Current and Applied For Retail Service Charges

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

2011 IRM3 SHARED TAX SAVINGS WORKFORM



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

LDC Information

Applicant Name	Burlington Hydro Inc.
OEB Application Number	IRM3
LDC Licence Number	ED-2003-0004
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0259



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

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Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates
B1.3 Re-Based Rev From Rates	Calculated Re-Based Revenue From Rates
F1.1 Z-Factor Tax Changes	Sharing formula for Tax changes - this is very preliminary
F1.3 Calc Tax Cho RRider Var	Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

Rate Class and Re-Based Billing Determinants & Rates

Last COS Re-based Year **2010**
 Last COS OEB Application Number **EB-2009-0259**

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Rate ReBal Base Service Charge D	Rate ReBal Base Distribution Volumetric Rate kWh E	Rate ReBal Base Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	58,643	555,923,716		12.15	0.0166	
GSLT50	General Service Less Than 50 kW	Customer	kWh	5,028	183,112,615		25.24	0.0136	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	1,030	950,876,174	2,448,411	71.66		2.8286
USL	Unmetered Scattered Load	Connection	kWh	602	3,918,008		10.18	0.0176	
SL	Street Lighting	Connection	kW	14,673	9,421,002	26,120	0.36		2.6146
NA	Rate Class 6	NA	NA						
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Calculated Re-Based Revenue From Rates

Last COS Re-based Year **2010**

Last COS OEB Application Number **EB-2009-0259**

Rate Class	Re-based	Re-based	Re-based	Rate ReBal	Rate ReBal	Rate ReBal	Service Charge	Distribution	Distribution	Revenue
	Billed			Billed kWh	Billed kW	Base Service		Base	Base	
	Customers or			Charge	Distribution	Distribution	Revenue	Rate Revenue	Rate Revenue	Requirement
	Connections				kWh	kW		kWh	kW	from Rates
	A	B	C	D	E	F	G = A * D * 12	H = B * E	I = C * F	J = G + H + I
Residential	58,643	555,923,716	0	12.15	0.0166	0.0000	8,550,149	9,228,334	0	17,778,483
General Service Less Than 50 kW	5,028	183,112,615	0	25.24	0.0136	0.0000	1,522,881	2,490,332	0	4,013,212
General Service 50 to 4,999 kW	1,030	950,876,174	2,448,411	71.66	0.0000	2.8286	885,718	0	6,925,575	7,811,293
Unmetered Scattered Load	602	3,918,008	0	10.18	0.0176	0.0000	73,540	68,957	0	142,497
Street Lighting	14,673	9,421,002	26,120	0.36	0.0000	2.6146	63,387	0	68,293	131,681
							11,095,675	11,787,622	6,993,869	29,877,166



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

Z-Factor Tax Changes

Summary - Sharing of Tax Change Forecast Amounts

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2010	2011	2012
Taxable Capital	\$ 105,229,695	\$ 105,229,695	\$ 105,229,695
Deduction from taxable capital up to \$15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000
Net Taxable Capital	\$ 90,229,695	\$ 90,229,695	\$ 90,229,695
Rate	0.150%	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	\$ 67,116	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

	2010	2011	2012
Regulatory Taxable Income	\$ 4,521,196	\$ 4,521,196	\$ 4,521,196
Corporate Tax Rate	30.99%	28.25%	26.25%
Tax Impact	\$ 1,401,209	\$ 1,277,147	\$ 1,186,769
Grossed-up Tax Amount	\$ 2,030,502	\$ 1,779,947	\$ 1,609,156
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ 67,116	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 2,030,502	\$ 1,779,947	\$ 1,609,156
Total Tax Related Amounts	\$ 2,097,618	\$ 1,779,947	\$ 1,609,156
Incremental Tax Savings		-\$ 317,672	-\$ 488,462
Sharing of Tax Savings (50%)		-\$ 158,836	-\$ 244,231



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Calculate Tax Change Rate Rider Volumetric

Rate Class	Total Revenue \$ by Rate Class A	Total Revenue % by Rate Class B = A / \$H	Total Z-Factor Tax Change\$ by Rate Class C = \$I * B	Billed kWh D	Billed kW E	Distribution Volumetric Rate kWh Rate Rider F = C / D	Distribution Volumetric Rate kW Rate Rider G = C / E
Residential	\$17,778,483.0856	59.51%	-\$94,516	555,923,716	0	-\$0.0002	
General Service Less Than 50 kW	\$4,013,212	13.43%	-\$21,335	183,112,615	0	-\$0.0001	
General Service 50 to 4,999 kW	\$7,811,293	26.14%	-\$41,527	950,876,174	2,448,411		-\$0.0170
Unmetered Scattered Load	\$142,497	0.48%	-\$758	3,918,008	0	-\$0.0002	
Street Lighting	\$131,681	0.44%	-\$700	9,421,002	26,120		-\$0.0268
	\$29,877,166 H	100.00%	-\$158,836 I				

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

2011 IRM3 REVENUE COST RATIO ADJUSTMENT WORKFORM



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

LDC Information

Applicant Name	Burlington Hydro Inc.
OEB Application Number	IRM3
LDC Licence Number	ED-2003-0004
Applied for Effective Date	May 1, 2011
Last COS Re-based Year	2010
Last COS OEB Application Number	EB-2009-0259



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Table of Contents

Sheet Name	Purpose of Sheet
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A2.1 Table of Contents	Table of Contents
B1.1 Re-Based Bill Det & Rates	Set Up Rate Classes and enter Re-Based Billing Determinants and Current Tariff Rates
B1.2 Removal of Rate Adders	Removal of Rate Adders
B1.3 Re-Based Rev From Rates	Calculated Current Revenue From Rates
C1.1 Decision Cost Revenue Adj	Decision - Cost Revenue Adjustments by Rate Class
C1.2 Revenue Offsets Allocation	Revenue Offsets Allocation
C1.3 Transformer Allowance	Transformer Allowance
C1.4 R C Ratio Revenue	Revenue / Cost Ratio Revenue
C1.5 Proposed R C Ratio Adj	Proposed Revenue / Cost Ratio Adjustment
C1.6 Proposed Revenue	Proposed Revenue from Revenue / Cost Ratio Adjustment
C1.7 Proposed F V Rev Alloc	Proposed Fixed Variable Revenue Allocation
C1.8 Proposed F V Rates	Proposed Fixed and Variable Rates
C1.9 Adjust To Proposed Rates	Adjustment required to Proposed Rates



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

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

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

Last COS Re-based Year: 2010
 Last COS OEB Application Number: EB-2009-0259

Rate Group	Rate Class	Fixed Metric	Vol Metric	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Current Tariff Service Charge D	Current Tariff Distribution Volumetric Rate kWh E	Current Tariff Distribution Volumetric Rate kW F
RES	Residential	Customer	kWh	58,643	555,923,716		12.15	0.0166	
GSLT50	General Service Less Than 50 kW	Customer	kWh	5,028	183,112,615		25.24	0.0136	
GSGT50	General Service 50 to 4,999 kW	Customer	kW	1,030	950,876,174	2,448,411	71.66		2.8286
USL	Unmetered Scattered Load	Connection	kWh	602	3,918,008		10.18	0.0176	
SL	Street Lighting	Connection	kW	14,673	9,421,002	26,120	0.36		2.6146
NA	Rate Class 6	NA	NA						
NA	Rate Class 7	NA	NA						
NA	Rate Class 8	NA	NA						
NA	Rate Class 9	NA	NA						
NA	Rate Class 10	NA	NA						
NA	Rate Class 11	NA	NA						
NA	Rate Class 12	NA	NA						
NA	Rate Class 13	NA	NA						
NA	Rate Class 14	NA	NA						
NA	Rate Class 15	NA	NA						
NA	Rate Class 16	NA	NA						
NA	Rate Class 17	NA	NA						
NA	Rate Class 18	NA	NA						
NA	Rate Class 19	NA	NA						
NA	Rate Class 20	NA	NA						
NA	Rate Class 21	NA	NA						
NA	Rate Class 22	NA	NA						
NA	Rate Class 23	NA	NA						
NA	Rate Class 24	NA	NA						
NA	Rate Class 25	NA	NA						



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Removal of Rate Adders

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

Last COS Re-based Year 2010
 Last COS OEB Application Number EB-2009-0259

Rate Class	Current Tariff Service Charge	Current Tariff Distribution Volumetric Rate kWh	Current Tariff Distribution Volumetric Rate kW	Service Charge Rate Adders	Distribution Volumetric kWh Rate Adders	Distribution Volumetric kW Rate Adders
	A	B	C	D	E	F
Residential	12.15	0.0166	0.0000	0.00	0.0000	0.0000
General Service Less Than 50 kW	25.24	0.0136	0.0000	0.00	0.0000	0.0000
General Service 50 to 4,999 kW	71.66	0.0000	2.8286	0.00	0.0000	0.0000
Unmetered Scattered Load	10.18	0.0176	0.0000	0.00	0.0000	0.0000
Street Lighting	0.36	0.0000	2.6146	0.00	0.0000	0.0000



Name of LDC: Burlington Hydro Inc.
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Calculated Current Revenue From Rates

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

Last COS Re-based Year 2010

Last COS OEB Application Number EB-2009-0259

Rate Class	Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Current Base Service Charge D	Current Base Distribution Volumetric Rate kWh E	Current Base Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I
Residential	58,643	555,923,716	0	12.15	0.0166	0.0000	8,550,149	9,228,334	0	17,778,483
General Service Less Than 50 kW	5,028	183,112,615	0	25.24	0.0136	0.0000	1,522,881	2,490,332	0	4,013,212
General Service 50 to 4,999 kW	1,030	950,876,174	2,448,411	71.66	0.0000	2.8286	885,718	0	6,925,575	7,811,293
Unmetered Scattered Load	602	3,918,008	0	10.18	0.0176	0.0000	73,540	68,957	0	142,497
Street Lighting	14,673	9,421,002	26,120	0.36	0.0000	2.6146	63,387	0	68,293	131,681
							11,095,675	11,787,622	6,993,869	29,877,166



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
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Decision - Cost Revenue Adjustments by Rate Class

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

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

Rate Class	Direction	Current Year 2010	Transition Year 1 2011	Transition Year 2 2012	Transition Year 3 2013	Transition Year 4 2014	Transition Year 5 2015
Residential	Rebalance	107.00%	tbd	tbd	tbd	tbd	tbd
General Service Less Than 50 kW	Rebalance	107.10%	tbd	tbd	tbd	tbd	tbd
General Service 50 to 4,999 kW	No Change	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
Unmetered Scattered Load	No Change	101.80%	101.80%	101.80%	101.80%	101.80%	101.80%
Street Lighting	Change	42.50%	70.00%	70.00%	70.00%	70.00%	70.00%



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Revenue Offsets Allocation

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

Rate Class	Informational Filing Revenue Offsets A	Percentage Split C= A / B	Allocated Revenue Offsets E = D * C
Residential	1,101,677	60.92%	1,101,677
General Service Less Than 50 kW	335,582	18.56%	335,582
General Service 50 to 4,999 kW	360,989	19.96%	360,989
Unmetered Scattered Load	5,709	0.32%	5,709
Street Lighting	4,362	0.24%	4,362
	B 1,808,319	100.00%	D 1,808,319

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



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Transformer Allowance

The purpose of this sheet is to remove the transformer allowance from volumetric rates. Under Transformer Allowance in Rates select "Yes" if included in that rate class or "No" if not included. Once selected apply the update button to reveal input cells in which you can input the number of kW's and the transformer rate for each rate class.

Rate Class	Transformer Allowance In Rate	Transformer Allowance A	Transformer Allowance kW's C	Transformer Allowance Rate E	Volumetric Distribution Rate F	Billed kW's G	Adjusted Volumetric Distribution Rate I=(F*(G-C)+(F-E)*C)/G
Residential	No						
General Service Less Than 50 kW	No						
General Service 50 to 4,999 kW	Yes	623,799	2,448,411	0.2548	2.8286	2,448,411	2.5738
Unmetered Scattered Load	No						
Street Lighting	No						
		623,799	2,448,411			2,448,411	
		B	D			H	
		0					

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



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

Revenue / Cost Ratio Revenue

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

Rate Class	Billed Customers or Connections		Billed kWh		Billed kW		Base Service Charge	Base Distribution Volumetric Rate kWh	Base Distribution Volumetric Rate kW	Service Charge	Distribution Volumetric Rate kWh	Distribution Volumetric Rate kW	Revenue Requirement from Rates
	A	B	C		D	E	F	G = A * D * 12	H = B * E	I = C * F	J = G + H + I		
Residential	58,643	555,923,716	0	0	12.15	0.0166	0.0000	8,550,149	9,228,334	0	17,778,483		
General Service Less Than 50 kW	5,028	183,112,615	0	0	25.24	0.0136	0.0000	1,522,881	2,490,332	0	4,013,212		
General Service 50 to 4,999 kW	1,030	950,876,174	2,448,411	0	71.66	0.0000	2.5738	885,718	0	6,301,776	7,187,494		
Unmetered Scattered Load	602	3,918,008	0	0	10.18	0.0176	0.0000	73,540	68,957	0	142,497		
Street Lighting	14,673	9,421,002	26,120	0	0.36	0.0000	2.6146	63,387	0	68,293	131,681		
								11,095,675	11,787,622	6,370,069	29,253,367		



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
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Proposed Revenue / Cost Ratio Adjustment

Rate Class	Adjusted Revenue A	Current Revenue Cost Ratio B	Re-Allocated Cost C = A / B	Proposed Revenue Cost Ratio D	Final Adjusted Revenue E = C * D	Dollar Change F = E - C	Percentage Change G = (E / C) - 1
Residential	\$ 18,880,160	1.07	\$ 17,645,009	1.07	\$ 18,808,612	-\$ 71,548	-0.4%
General Service Less Than 50 kW	\$ 4,348,794	1.07	\$ 4,060,499	1.07	\$ 4,332,314	-\$ 16,480	-0.4%
General Service 50 to 4,999 kW	\$ 7,548,483	0.85	\$ 8,880,568	0.85	\$ 7,548,483	\$ 0	0.0%
Unmetered Scattered Load	\$ 148,206	1.02	\$ 145,586	1.02	\$ 148,206	\$ 0	0.0%
Street Lighting	\$ 136,043	0.43	\$ 320,100	0.70	\$ 224,070	\$ 88,028	64.7%
	<u>\$ 31,061,686</u>		<u>\$ 31,051,762</u>		<u>\$ 31,061,686</u>	<u>\$ 0</u>	<u>0.0%</u>
Out of Balance						-	
Final ?						Yes	



Name of LDC: Burlington Hydro Inc.
File Number: IRM3
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Proposed Revenue from Revenue / Cost Ratio Adjustment

Rate Class	Adjusted Revenue By Revenue Cost Ratio A	Allocated Re-Based Revenue Offsets B	Revenue Requirement from Rates Before Transformer Allowance C = A - B	Re-based Transformer Allowance D	Revenue Requirement from Rates E = C + D
Residential	\$ 18,808,612	\$ 1,101,677	\$ 17,706,935	\$ -	\$ 17,706,935
General Service Less Than 50 kW	\$ 4,332,314	\$ 335,582	\$ 3,996,732	\$ -	\$ 3,996,732
General Service 50 to 4,999 kW	\$ 7,548,483	\$ 360,989	\$ 7,187,494	\$ 623,799	\$ 7,811,293
Unmetered Scattered Load	\$ 148,206	\$ 5,709	\$ 142,497	\$ -	\$ 142,497
Street Lighting	\$ 224,070	\$ 4,362	\$ 219,708	\$ -	\$ 219,708
	\$ 31,061,686	\$ 1,808,319	\$ 29,253,367	\$ 623,799	\$ 29,877,166



Name of LDC: Burlington Hydro Inc.
 File Number: IRM3
 Effective Date: Sunday, May 01, 2011
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Proposed Fixed Variable Revenue Allocation

Rate Class	Revenue Requirement	Service Charge %	Distribution Volumetric Rate %	Revenue	Distribution Volumetric Rate %	Revenue	Distribution Volumetric Rate Revenue			Revenue Requirement
	from Rates						Revenue	kWh	kWh	
	A	B	C	D	E = A * B	F = A * C	G = A * D	H = E + F + G		
Residential	\$ 17,706,935	48.1%	51.9%	0.0%	\$ 8,515,740	\$ 9,191,195	\$ -	\$ 17,706,935		
General Service Less Than 50 kW	\$ 3,996,732	37.9%	62.1%	0.0%	\$ 1,516,627	\$ 2,480,105	\$ -	\$ 3,996,732		
General Service 50 to 4,999 kW	\$ 7,811,293	11.3%	0.0%	88.7%	\$ 885,718	\$ -	\$ 6,925,576	\$ 7,811,293		
Unmetered Scattered Load	\$ 142,497	51.6%	48.4%	0.0%	\$ 73,540	\$ 68,957	\$ -	\$ 142,497		
Street Lighting	\$ 219,708	48.1%	0.0%	51.9%	\$ 105,761	\$ -	\$ 113,947	\$ 219,708		
	<u>\$ 29,877,166</u>				<u>\$ 11,097,386</u>	<u>\$ 11,740,257</u>	<u>\$ 7,039,523</u>	<u>\$ 29,877,166</u>		



Name of LDC: Burlington Hydro Inc.
 File Number: IRM3
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Proposed Fixed and Variable Rates

Rate Class	Distribution Volumetric Rate Revenue		Distribution Volumetric Rate Revenue		Re-based Billed Customers or Connections	Re-based Billed kWh	Re-based Billed kW	Proposed Base Service Charge	Proposed Base Distribution Volumetric Rate kWh	Proposed Base Distribution Volumetric Rate kW
	Service Charge Revenue	kWh	kWh	kW						
	A	B	C							
Residential	\$ 8,515,740	\$ 9,191,195	\$ -		58,643	555,923,716	0	12.10	0.0165	-
General Service Less Than 50 kW	\$ 1,516,627	\$ 2,480,105	\$ -		5,028	183,112,615	0	25.14	0.0135	-
General Service 50 to 4,999 kW	\$ 885,718	\$ -	\$ 6,925,576		1,030	950,876,174	2,448,411	71.66	-	2.8286
Unmetered Scattered Load	\$ 73,540	\$ 68,957	\$ -		602	3,918,008	0	10.18	0.0176	-
Street Lighting	\$ 105,761	\$ -	\$ 113,947		14,673	9,421,002	26,120	0.60	-	4.3624



Name of LDC: Burlington Hydro Inc.
 File Number: IRM3
 Effective Date: Sunday, May 01, 2011
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Adjustment required to Proposed Rates

Rate Class	Proposed Base	Proposed Base	Proposed Base	Current Base	Current Base	Current Base	Adjustment	Adjustment Required	Adjustment Required
	Service Charge	Volumetric Rate kWh	Volumetric Rate kW	Service Charge	Volumetric Rate kWh	Volumetric Rate kW	Required Base	Base Distribution	Base Distribution
	A	B	C	D	E	F	G = A - D	H = B - E	I = C - F
Residential	\$ 12.10	\$ 0.0165	\$ -	\$ 12.15	\$ 0.0166	\$ -	-\$ 0.05	-\$ 0.0001	\$ -
General Service Less Than 50 kW	\$ 25.14	\$ 0.0135	\$ -	\$ 25.24	\$ 0.0136	\$ -	-\$ 0.10	-\$ 0.0001	\$ -
General Service 50 to 4,999 kW	\$ 71.66	\$ -	\$ 2.8286	\$ 71.66	\$ -	\$ 2.8286	\$ -	\$ -	\$ -
Unmetered Scattered Load	\$ 10.18	\$ 0.0176	\$ -	\$ 10.18	\$ 0.0176	\$ -	\$ -	\$ -	\$ -
Street Lighting	\$ 0.60	\$ -	\$ 4.3624	\$ 0.36	\$ -	\$ 2.6146	\$ 0.24	\$ -	\$ 1.7478

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

2011 SMART METER RATE CALCULATION MODEL

Sheet 1 Utility Information Sheet

Name of LDC: Burlington Hydro Inc

Licence Number: ED - 2003 - 0004

Date of Submission: October 1, 2010

Contact Information

Name: Anne Rampado

Title: Manager Regulatory Affairs

Phone Number: 905-332-2260

E-Mail Address: arampado@burlingtonhydro.com

Sheet 2. Smart Meter Capital Cost and Operational Expense Data

Smart Meter Unit Installation Plan:

assume calendar year installation

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted	Total
Planned number of Residential smart meters to be installed	320	2,756	1,780	27,503	25,478			57,837
Planned number of General Service Less Than 50 kW smart meters	-	80	220	919	3,753			4,972
Planned Meter Installation (Residential and Less Than 50 kW only)	320	2,836	2,000	28,422	29,231	-	-	62,809
Percentage of Completion	1%	5%	8%	53%	100%	100%	100%	
Planned number of General Service Greater Than 50 kW smart meters					558			558
Planned / Actual Meter Installations	320	2,836	2,000	28,422	29,789	-	-	63,367

Other Unit Installation Plan:

assume calendar year installation

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted	Total
Planned number of Collectors to be installed	-	3	-					3
Planned number of Repeaters to be installed	-	-	-					-
Other : Please specify								-
								-
								-
								-

Capital Costs

1.1 ADVANCED METERING COMMUNICATIO Asset Type

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted	Total
1.1.1 Smart Meter <i>may include new meters and modules, etc.</i>	\$ -	\$ 268,863	\$ 236,160	\$ 3,387,316	\$ 4,998,666			\$ 8,891,005
1.1.2 Installation Cost <i>may include socket kits plus shipping, labour, benefits, vehicle, etc.</i>		\$ 317,298	\$ 399,669	\$ 215,210	\$ 412,400			\$ 1,344,577
1.1.3a Workforce Automation Hardware <i>may include fieldworker handhelds, barcode hardware, etc.</i>			\$ 62,240	\$ 25,680	\$ -			\$ 87,920
1.1.3b Workforce Automation Software <i>may include fieldworker handhelds, barcode hardware, etc.</i>								\$ -
Total Advanced Metering Communication Device (AMCD)	\$ -	\$ 586,161	\$ 698,069	\$ 3,628,206	\$ 5,411,066	\$ -	\$ -	\$ 10,323,502

1.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted	Total
1.2.1 Collectors				\$ 3,664	\$ 264,245	\$ 120,000		\$ 387,909
1.2.2 Repeaters <i>may include radio licence, etc.</i>					\$ 18,800	\$ 18,800		\$ 37,600
1.2.3 Installation <i>may include meter seals and rings, collector computer hardware, etc.</i>				\$ 1,455	\$ 74,448			\$ 75,903
Total Advanced Metering Regional Collector (AMRC) (includes LAN)	\$ -	\$ -	\$ -	\$ 5,119	\$ 357,492	\$ 138,800	\$ -	\$ 501,411

1.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted	Total
1.3.1 Computer Hardware				\$ 1,403	\$ 10,000			\$ 11,403

Sheet 2. Smart Meter Capital Cost and Operational Expense Data

1.3.2 Computer Software	Comp. Soft.		\$ 355	\$ 403		\$ 3,500			\$ 4,258	
1.3.3 Computer Software Licence & Installation (includes hardware)	Comp. Soft.				\$ 5,000				\$ 5,000	
<i>may include AS/400 disc space, backup & recovery computer, UPS, etc</i>										
Total Advanced Metering Control Computer (AMCC)			\$ -	\$ 355	\$ 403	\$ 6,403	\$ 13,500	\$ -	\$ -	\$ 20,661

1.4 WIDE AREA NETWORK (WAN)

		2006	2007	2008	2009	2010	2011	Later	Total
		Actual	Actual	Actual	Actual	Forecasted	Forecasted	Forecasted	
1.4.1 Activation Fees	Tools & Equip					\$ 5,000			\$ 5,000
Total Wide Area Network (WAN)		\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000

1.5 OTHER AMI CAPITAL COSTS RELATED TO MINIMUM FUNCTIONALITY

		2006	2007	2008	2009	2010	2011	Later	Total
		Actual	Actual	Actual	Actual	Forecasted	Forecasted	Forecasted	
1.5.1 Customer equipment (including repair of damaged equipment)	Other Equip.				\$ 34,773	\$ 31,925			\$ 66,698
1.5.2 AMI Interface to CIS	Comp. Soft.					\$ 80,000	\$ 50,000		\$ 130,000
1.5.3 Professional Fees	Comp. Soft.				\$ 20,088	\$ 33,600			\$ 53,688
1.5.4 Integration	Comp. Soft.								\$ -
1.5.5 Program Management	Comp. Soft.				\$ 12,438	\$ 310,000	\$ 150,000		\$ 472,438
1.5.6 Other AMI Capital	Comp. Soft.					\$ 106,853			\$ 106,853
Total Other AMI Capital Costs Related To Minimum Functionality		\$ -	\$ -	\$ -	\$ 67,298	\$ 562,378	\$ 200,000	\$ -	\$ 829,676
Total Capital Costs		\$ -	\$ 586,516	\$ 698,472	\$ 3,707,027	\$ 6,349,436	\$ 338,800	\$ -	\$ 11,680,251

OM & A

2.1 ADVANCED METERING COMMUNICATION DEVICE (AMCD)

		2006	2007	2008	2009	2010	2011	Later	Total
		Actual	Actual	Actual	Actual	Forecasted	Forecasted	Forecasted	
2.1.1 Maintenance									\$ -
<i>may include meter verification costs, etc.</i>									
Total Incremental AMI Operation Expenses		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2.2 ADVANCED METERING REGIONAL COLLECTOR (AMRC) (includes LAN)

2.2.1 Maintenance									\$ -
Total Advanced Metering Regional Collector (AMRC) (includes LAN)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2.3 ADVANCED METERING CONTROL COMPUTER (AMCC)

2.3.1 Hardware Maintenance						\$ 151,065	\$ 606,261	\$ 606,261	\$ 1,363,587
<i>may include server support, etc.</i>									
2.3.2 Software Maintenance					\$ 11,119	\$ 15,500	\$ 15,500	\$ 15,500	\$ 57,619
<i>may include maintenance support, etc.</i>									
Total Advanced Metering Control Computer (AMCC)		\$ -	\$ -	\$ -	\$ 11,119	\$ 166,565	\$ 621,761	\$ 621,761	\$ 1,421,206

2.4 WIDE AREA NETWORK (WAN)

2.4.1 WIDE AREA NETWORK (WAN)						\$ 22,000	\$ 33,000	\$ 33,000	\$ 88,000
<i>may include serial to Ethernet hardware, etc.</i>									
Total Incremental Other Operation Expenses		\$ -	\$ -	\$ -	\$ -	\$ 22,000	\$ 33,000	\$ 33,000	\$ 88,000

2.5 OTHER AMI OM&A COSTS RELATED TO MINIMUM FUNCTIONALITY

2.5.1 Business Process Redesign									\$ -
---------------------------------	--	--	--	--	--	--	--	--	------

Sheet 2. Smart Meter Capital Cost and Operational Expense Data

2.5.2 Customer Communication <i>may include project communication, etc.</i>			\$ 44,559	\$ 96,680	\$ 96,680		\$ 237,919
2.5.3 Program Management	\$ 8,186	\$ 26,930	\$ 39,370				\$ 74,486
2.5.4 Change Management <i>may include training, etc.</i>							\$ -
2.5.5 Administration Cost							\$ -
2.5.6 Other AMI Expenses							\$ -
Total 2.5 Other AMI OM&A Costs Related To Minimum Functionality	\$ -	\$ 8,186	\$ 26,930	\$ 83,928	\$ 96,680	\$ 96,680	\$ - \$ 312,404
Total O M & A Costs	\$ -	\$ 8,186	\$ 26,930	\$ 95,047	\$ 285,245	\$ 751,441	\$ 654,761 \$ 1,821,610

Sheet 3. LDC Assumptions and Data

Assumptions:

1. Planned meter installations occur evenly through the year.
2. Year assumed January to December
3. Amortization is straight line and has half year rule applied in first year

2006 EDR Data							
Information	2007	2008	2009	2010	2011	Later	
Rate Base							
Deemed Short Term Debt %				4%	4%	4%	
Deemed Debt	50%	53%	57%	56%	56%	56%	
Deemed Equity	50%	47%	43%	40%	40%	40%	
Deemed Short Term Debt Rate%				2.07%	2.07%	2.07%	
Weighted Debt Rate	7.25%	7.25%	7.25%	5.87%	5.87%	5.87%	
Proposed ROE	9.00%	9.00%	9.00%	9.85%	9.85%	9.85%	
Weighted Average Cost of Capital	8.13%	8.07%	8.01%	7.31%	7.31%	7.31%	
Working Capital Allowance %							
	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	
2006 EDR Tax Rate							
Corporate Income Tax Rate	36.12%	33.50%	33.00%	31.00%	28.25%	28.25%	
Capital Data:							
	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted
Smart Meter	\$ -	\$ 586,161	\$ 635,829	\$ 3,607,645	\$ 5,768,558	\$ 138,800	\$ -
Computer Hardware	\$ -	\$ -	\$ 62,240	\$ 27,084	\$ 10,000	\$ -	\$ -
Computer Software	\$ -	\$ 355	\$ 403	\$ 37,526	\$ 533,953	\$ 200,000	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ 34,773	\$ 31,925	\$ -	\$ -
Total Capital Costs	\$ -	\$ 586,516	\$ 698,472	\$ 3,672,254	\$ 6,312,511	\$ 338,800	\$ -
				34,772.57	36,925.00	-	71,697.57
Operating Expense Data:							
	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted
2.1 Advanced Metering Communication Device (AMCD)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.2 Advanced Metering Regional Collector (AMRC) (includes LAN)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2.3 Advanced Metering Control Computer (AMCC)	\$ -	\$ -	\$ -	\$ 11,119	\$ 166,565	\$ 621,761	\$ 621,761
2.4 Wide Area Network (WAN)	\$ -	\$ -	\$ -	\$ -	\$ 22,000	\$ 33,000	\$ 33,000
2.5 Other AMI OM&A Costs Related To Minimum Functionality	\$ -	\$ 8,186	\$ 26,930	\$ 83,928	\$ 96,680	\$ 96,680	\$ -
Total O M & A Costs	\$ -	\$ 8,186	\$ 26,930	\$ 95,047	\$ 285,245	\$ 751,441	\$ 654,761
							654,761.00
Per Meter Cost Split:							
	Per Meter	Installed	Investment	% of Invest			
Smart meter including installation	\$ 170.95	\$ 62,809	\$ 10,736,993	84%			
Computer Hardware Costs	\$ 1.58	\$ 62,809	\$ 99,324	1%			
Computer Software Costs	\$ 12.29	\$ 62,809	\$ 772,236	6%			
Tools & Equipment	\$ 0.08	\$ 62,809	\$ 5,000	0%			
Other Equipment	\$ 1.06	\$ 62,809	\$ 66,698	1%			
Smart meter incremental operating expenses	\$ 18.58	\$ 62,809	\$ 1,166,849	9%			
Total Smart Meter Capital Costs per meter	\$ 204.54		\$ 12,847,100	100%			
Depreciation Rates							
	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted
Smart Meter (years)	15	15	15	15	15	15	15
Computer Hardware (years)	5	5	5	5	5	5	5
Computer Software (years)	5	5	5	5	5	5	5
Tools & Equipment (years)	10	10	10	10	10	10	10
Other Equipment (years)	10	10	10	10	10	10	10
CCA Rates							
	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted
CCA Class	47	47	47	47	47	47	47
Smart Meter	8%	8%	8%	8%	8%	8%	8%
CCA Class	45	50	50	50	50	50	50
Computer Equipment	45%	55%	55%	55%	55%	55%	55%
CCA Class	8	8	8	8	8	8	8
General Equipment	20%	20%	20%	20%	20%	20%	20%

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Sheet 4: Smart Meter Rev Req Calc

Smart Meter Revenue Requirement Calculation

Average Asset Values

Net Fixed Assets Smart Meters	\$ -
Net Fixed Assets Computer Hardware	\$ -
Net Fixed Assets Computer Software	\$ -
Net Fixed Assets Tools & Equipment	\$ -
Net Fixed Assets Other Equipment	\$ -
Total Net Fixed Assets	\$ -

Working Capital

Operation Expense	\$ -
Working Capital %	\$ -

Smart Meters Included in Rate Base

	\$ -
--	------

Return on Rate Base

Deemed Short Term Debt %	50.0%
Deemed Long Term Debt %	50.0%
Deemed Equity %	50.0%

Deemed Short Term Debt Ratio

Weighted Debt Ratio (LOC Assumptions and Data)	7.3%
Proposed RCE (LOC Assumptions and Data)	9.0%

Return on Rate Base

	\$ -
--	------

Operating Expenses

Incremental Operating Expenses (LOC Assumptions and Data)

	\$ -
--	------

Amortization Expenses

Amortization Expenses - Smart Meters	\$ -
Amortization Expenses - Computer Hardware	\$ -
Amortization Expenses - Computer Software	\$ -
Amortization Expenses - Tools & Equipment	\$ -
Amortization Expenses - Other Equipment	\$ -

Total Amortization Expenses

	\$ -
--	------

Revenue Requirement Before PILs

	\$ -
--	------

Calculation of Taxable Income

Incremental Operating Expenses	\$ -
Depreciation Expenses	\$ -
Interest Expense	\$ -

Taxable Income For PILs

	\$ -
--	------

Grossed up PILs (a, net)

	\$ -
--	------

Revenue Requirement Before PILs

	\$ -
--	------

Grossed up PILs (a, net)

	\$ -
--	------

Revenue Requirement for Smart Meters

	\$ -
--	------

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted
Net Fixed Assets Smart Meters	\$ -	\$ 283,311.15	\$ 554,400.30	\$ 2,846,141.77	\$ 7,170,252.60	\$ 9,576,214.81	\$ -
Net Fixed Assets Computer Hardware	\$ -	\$ 28,028.00	\$ 28,028.00	\$ 61,979.64	\$ 63,510.92	\$ 49,146.19	\$ -
Net Fixed Assets Computer Software	\$ -	\$ 159.70	\$ 465.30	\$ 17,421.98	\$ 270,882.97	\$ 539,509.98	\$ -
Net Fixed Assets Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ 2,375.00	\$ 4,600.00	\$ -
Net Fixed Assets Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ 46,419.80	\$ 98,503.86	\$ -
Total Net Fixed Assets	\$ -	\$ 283,470.90	\$ 882,874.30	\$ 2,947,063.26	\$ 7,558,281.08	\$ 10,166,321.13	\$ -
Operation Expense	\$ -	\$ 8,186.00	\$ 26,930.00	\$ 95,046.98	\$ 285,245.00	\$ 751,441.00	\$ 654,761.00
Working Capital %	\$ -	\$ 1,227.90	\$ 4,039.50	\$ 14,257.05	\$ 42,796.75	\$ 112,716.15	\$ 98,214.15
Smart Meters Included in Rate Base	\$ -	\$ 284,698.80	\$ 886,913.80	\$ 2,955,317.31	\$ 7,601,067.83	\$ 10,279,037.28	\$ 98,214.15
Deemed Short Term Debt %	50.0%	50.0%	53.3%	56.7%	56.0%	56.0%	56.0%
Deemed Long Term Debt %	50.0%	50.0%	46.7%	43.3%	40.0%	40.0%	40.0%
Deemed Equity %	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Weighted Debt Ratio (LOC Assumptions and Data)	7.3%	7.3%	7.3%	7.3%	5.9%	5.9%	5.9%
Proposed RCE (LOC Assumptions and Data)	9.0%	9.0%	9.0%	9.0%	9.9%	9.9%	9.9%
Return on Rate Base	\$ -	\$ 23,131.78	\$ 71,549.55	\$ 236,654.42	\$ 549,344.37	\$ 742,886.58	\$ 7,098.13
Incremental Operating Expenses (LOC Assumptions and Data)	\$ -	\$ 8,186.00	\$ 26,930.00	\$ 95,046.98	\$ 285,245.00	\$ 751,441.00	\$ 654,761.00
Amortization Expenses - Smart Meters	\$ -	\$ 19,538.70	\$ 60,271.70	\$ 201,720.84	\$ 514,260.95	\$ 711,172.90	\$ -
Amortization Expenses - Computer Hardware	\$ -	\$ -	\$ 6,224.00	\$ 15,156.17	\$ 18,864.73	\$ 19,864.73	\$ -
Amortization Expenses - Computer Software	\$ -	\$ 35.50	\$ 111.30	\$ 3,004.15	\$ 81,051.96	\$ 134,447.22	\$ -
Amortization Expenses - Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ 250.00	\$ -	\$ -
Amortization Expenses - Other Equipment	\$ -	\$ -	\$ -	\$ 1,738.63	\$ 5,073.91	\$ 6,609.76	\$ -
Total Amortization Expenses	\$ -	\$ 19,574.20	\$ 66,607.00	\$ 222,519.98	\$ 599,501.15	\$ 872,654.60	\$ -
Revenue Requirement Before PILs	\$ -	\$ 50,891.98	\$ 165,066.55	\$ 554,221.38	\$ 1,434,090.51	\$ 2,366,982.19	\$ 661,859.13
Incremental Operating Expenses	\$ -	\$ 8,186.00	\$ 26,930.00	\$ 95,046.98	\$ 285,245.00	\$ 751,441.00	\$ 654,761.00
Depreciation Expenses	\$ -	\$ 19,574.20	\$ 66,607.00	\$ 222,519.98	\$ 599,501.15	\$ 872,654.60	\$ -
Interest Expense	\$ -	\$ 19,320.33	\$ 54,272.87	\$ 121,485.71	\$ 249,862.36	\$ 337,892.51	\$ 3,228.50
Taxable Income For PILs	\$ -	\$ 12,811.45	\$ 27,275.92	\$ 115,168.72	\$ 299,462.07	\$ 404,994.03	\$ 3,869.64
Grossed up PILs (a, net)	\$ -	\$ 6,274.96	\$ 10,790.35	\$ 38,462.92	\$ 57,304.58	\$ 77,786.87	\$ -
Revenue Requirement Before PILs	\$ -	\$ 50,891.98	\$ 165,066.55	\$ 554,221.38	\$ 1,434,090.51	\$ 2,366,982.19	\$ 661,859.13
Grossed up PILs (a, net)	\$ -	\$ 6,274.96	\$ 10,790.35	\$ 38,462.92	\$ 57,304.58	\$ 77,786.87	\$ -
Revenue Requirement for Smart Meters	\$ -	\$ 57,166.94	\$ 175,876.91	\$ 592,684.31	\$ 1,491,395.10	\$ 2,444,769.06	\$ 661,859.13

Sheet 5. PILs

PILs Calculation

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted	Later Forecasted
INCOME TAX							
Net Income	\$ -	\$ 12,811.45	\$ 37,276.99	\$ 115,168.72	\$ 299,482.07	\$ 404,994.07	\$ -
Amortization	\$ -	\$ 19,574.20	\$ 66,607.00	\$ 222,519.98	\$ 599,501.15	\$ 872,654.60	\$ -
CCA - Smart Meters	\$ -	-\$ 23,446.44	-\$ 70,450.32	-\$ 234,553.27	-\$ 590,837.14	-\$ 779,864.50	\$ -
CCA - Computers	\$ -	-\$ 97.63	-\$ 17,368.38	-\$ 42,810.11	-\$ 186,619.03	-\$ 288,565.53	\$ -
CCA - Other Equipment	\$ -	\$ -	\$ -	-\$ 3,477.26	-\$ 9,951.56	-\$ 11,653.75	\$ -
Change in taxable income	\$ -	\$ 8,841.58	\$ 16,065.28	\$ 56,848.06	\$ 111,575.49	\$ 197,564.89	\$ -
Tax Rate (3. LDC Assumptions and Data)	36.12%	36.12%	33.50%	33.00%	31.00%	28.25%	28.25%
Income Taxes Payable	\$ -	\$ 3,193.58	\$ 5,381.87	\$ 18,759.86	\$ 34,588.40	\$ 55,812.08	\$ -

ONTARIO CAPITAL TAX

Smart Meters	\$ -	\$ 566,622.30	\$ 1,142,179.60	\$ 4,548,103.94	\$ 9,802,401.26	\$ 9,230,028.36	\$ -
Computer Hardware	\$ -	\$ -	\$ 56,016.00	\$ 67,943.29	\$ 59,078.56	\$ 39,213.83	\$ -
Computer Software	\$ -	\$ 319.50	\$ 611.20	\$ 34,232.55	\$ 507,133.19	\$ 572,685.97	\$ -
Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ 4,750.00	\$ 4,250.00	\$ -
Other Equipment	\$ -	\$ -	\$ -	\$ 33,033.94	\$ 59,885.43	\$ 53,215.68	\$ -
Rate Base	\$ -	\$ 566,941.80	\$ 1,198,806.80	\$ 4,650,279.78	#####	\$ 9,841,928.15	\$ -
Less: Exemption	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Deemed Taxable Capital	\$ -	\$ 566,941.80	\$ 1,198,806.80	\$ 4,650,279.78	#####	\$ 9,841,928.15	\$ -
Ontario Capital Tax Rate	0.300%	0.225%	0.225%	0.225%	0.075%	0.000%	0.000%
Net Amount (Taxable Capital x Rate)	\$ -	\$ 1,275.62	\$ 2,697.32	\$ 10,463.13	\$ 7,776.46	\$ -	\$ -

Gross Up

Change in Income Taxes Payable	\$ -	\$ 3,193.58	\$ 5,381.87	\$ 18,759.86	\$ 34,588.40	\$ 55,812.08	\$ -
Change in OCT	\$ -	\$ 1,275.62	\$ 2,697.32	\$ 10,463.13	\$ 7,776.46	\$ -	\$ -
PIL's	\$ -	\$ 4,469.20	\$ 8,079.18	\$ 29,222.99	\$ 42,364.86	\$ 55,812.08	\$ -
	Gross Up 36.12%	Gross Up 36.12%	Gross Up 33.50%	Gross Up 33.00%	Gross Up 31.00%	Gross Up 28.25%	Gross Up 28.25%
Change in Income Taxes Payable	\$ -	\$ 4,999.34	\$ 8,093.04	\$ 27,999.79	\$ 50,128.12	\$ 77,786.87	\$ -
Change in OCT	\$ -	\$ 1,275.62	\$ 2,697.32	\$ 10,463.13	\$ 7,776.46	\$ -	\$ -
PIL's	\$ -	\$ 6,274.96	\$ 10,790.35	\$ 38,462.92	\$ 57,904.58	\$ 77,786.87	\$ -

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Sheet 6. Avg Net Fixed Assets & UCC

Smart Meter Average Net Fixed Assets

Net Fixed Assets - Smart Meters

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ 586,161.00	\$ 1,221,990.00	\$ 4,829,635.18	#####
Capital Investment (3. LDC Assumptions and Data)	\$ -	\$ 586,161.00	\$ 635,829.00	\$ 3,607,645.18	\$ 5,768,558.27	\$ 138,800.00
Closing Capital Investment	\$ -	\$ 586,161.00	\$ 1,221,990.00	\$ 4,829,635.18	\$ 10,598,193.45	#####
Opening Accumulated Amortization	\$ -	\$ -	\$ 19,538.70	\$ 79,810.40	\$ 281,531.24	\$ 795,792.19
Amortization (15 Years Straight Line)	\$ -	\$ 19,538.70	\$ 60,271.70	\$ 201,720.84	\$ 514,260.95	\$ 711,172.90
Closing Accumulated Amortization	\$ -	\$ 19,538.70	\$ 79,810.40	\$ 281,531.24	\$ 795,792.19	\$ 1,506,965.09
Opening Net Fixed Assets	\$ -	\$ -	\$ 566,622.30	\$ 1,142,179.60	\$ 4,548,103.94	\$ 9,802,401.26
Closing Net Fixed Assets	\$ -	\$ 566,622.30	\$ 1,142,179.60	\$ 4,548,103.94	\$ 9,802,401.26	\$ 9,230,028.36
Average Net Fixed Assets	\$ -	\$ 283,311.15	\$ 854,400.95	\$ 2,845,141.77	\$ 7,175,252.60	\$ 9,516,214.81

Net Fixed Assets - Computer Hardware

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ -	\$ 62,240.00	\$ 89,323.65	\$ 99,323.65
Capital Investment (3. LDC Assumptions and Data)	\$ -	\$ -	\$ 62,240.00	\$ 27,083.65	\$ 10,000.00	\$ -
Closing Capital Investment	\$ -	\$ -	\$ 62,240.00	\$ 89,323.65	\$ 99,323.65	\$ 99,323.65
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ 6,224.00	\$ 21,380.37	\$ 40,245.10
Amortization (5 Years Straight Line)	\$ -	\$ -	\$ 6,224.00	\$ 15,156.37	\$ 18,864.73	\$ 19,864.73
Closing Accumulated Amortization	\$ -	\$ -	\$ 6,224.00	\$ 21,380.37	\$ 40,245.10	\$ 60,109.83
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ 56,016.00	\$ 67,943.29	\$ 59,078.56
Closing Net Fixed Assets	\$ -	\$ -	\$ 56,016.00	\$ 67,943.29	\$ 59,078.56	\$ 39,213.83
Average Net Fixed Assets	\$ -	\$ -	\$ 28,008.00	\$ 61,979.64	\$ 63,510.92	\$ 49,146.19

Net Fixed Assets - Computer Software

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ 355.00	\$ 758.00	\$ 38,283.50	\$ 572,236.10
Capital Investment (3. LDC Assumptions and Data)	\$ -	\$ 355.00	\$ 403.00	\$ 37,525.50	\$ 533,952.60	\$ 200,000.00
Closing Capital Investment	\$ -	\$ 355.00	\$ 758.00	\$ 38,283.50	\$ 572,236.10	\$ 772,236.10
Opening Accumulated Amortization	\$ -	\$ -	\$ 35.50	\$ 146.80	\$ 4,050.95	\$ 65,102.91
Amortization Year 1 (5 Years Straight Line)	\$ -	\$ 35.50	\$ 111.30	\$ 3,904.15	\$ 61,051.96	\$ 134,447.22
Closing Accumulated Amortization	\$ -	\$ 35.50	\$ 146.80	\$ 4,050.95	\$ 65,102.91	\$ 199,550.13
Opening Net Fixed Assets	\$ -	\$ -	\$ 319.50	\$ 611.20	\$ 34,232.55	\$ 507,133.19
Closing Net Fixed Assets	\$ -	\$ 319.50	\$ 611.20	\$ 34,232.55	\$ 507,133.19	\$ 572,685.97
Average Net Fixed Assets	\$ -	\$ 159.75	\$ 465.35	\$ 17,421.88	\$ 270,682.87	\$ 539,909.58

Net Fixed Assets - Tools & Equipment

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00
Capital Investment (3. LDC Assumptions and Data)	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -
Closing Capital Investment	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
Opening Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250.00
Amortization Year 1 (10 Years Straight Line)	\$ -	\$ -	\$ -	\$ -	\$ 250.00	\$ 500.00
Closing Accumulated Amortization	\$ -	\$ -	\$ -	\$ -	\$ 250.00	\$ 750.00
Opening Net Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,750.00

Sheet 6. Avg Net Fixed Assets & UCC

Closing Net Fixed Assets	\$	-	\$	-	\$	-	\$	-	\$	4,750.00	\$	4,250.00
Average Net Fixed Assets	\$	-	\$	-	\$	-	\$	-	\$	2,375.00	\$	4,500.00

Net Fixed Assets - Other Equipment

	2006	2007	2008	2009	2010	2011				
	Actual	Actual	Actual	Actual	Forecasted	Forecasted				
Opening Capital Investment	\$	-	\$	-	\$	-	\$	34,772.57	\$	66,697.57
Capital Investment (3. LDC Assumptions and Data)	\$	-	\$	-	\$	34,772.57	\$	31,925.00	\$	-
Closing Capital Investment	\$	-	\$	-	\$	34,772.57	\$	66,697.57	\$	66,697.57
Opening Accumulated Amortization	\$	-	\$	-	\$	-	\$	1,738.63	\$	6,812.14
Amortization Year 1 (10 Years Straight Line)	\$	-	\$	-	\$	1,738.63	\$	5,073.51	\$	6,669.76
Closing Accumulated Amortization	\$	-	\$	-	\$	1,738.63	\$	6,812.14	\$	13,481.89
Opening Net Fixed Assets	\$	-	\$	-	\$	-	\$	33,033.94	\$	59,885.43
Closing Net Fixed Assets	\$	-	\$	-	\$	33,033.94	\$	59,885.43	\$	53,215.68
Average Net Fixed Assets	\$	-	\$	-	\$	16,516.97	\$	46,459.69	\$	56,550.56

Sheet 6. Avg Net Fixed Assets & UCC

For PILs Calculation

UCC - Smart Meters

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening UCC	\$ -	\$ -	\$ 562,714.56	\$ 1,128,093.24	\$ 4,501,185.15	\$ 9,678,906.28
Capital Additions	\$ -	\$ 586,161.00	\$ 635,829.00	\$ 3,607,645.18	\$ 5,768,558.27	\$ 138,800.00
UCC Before Half Year Rule	\$ -	\$ 586,161.00	\$ 1,198,543.56	\$ 4,735,738.42	\$ 10,269,743.42	\$ 9,817,706.28
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ 293,080.50	\$ 317,914.50	\$ 1,803,822.59	\$ 2,884,279.14	\$ 69,400.00
Reduced UCC	\$ -	\$ 293,080.50	\$ 880,629.06	\$ 2,931,915.83	\$ 7,385,464.28	\$ 9,748,306.28
CCA Rate Class	47	47	47	47	47	47
CCA Rate	8%	8%	8%	8%	8%	8%
CCA	\$ -	\$ 23,446.44	\$ 70,450.32	\$ 234,553.27	\$ 590,837.14	\$ 779,864.50
Closing UCC	\$ -	\$ 562,714.56	\$ 1,128,093.24	\$ 4,501,185.15	\$ 9,678,906.28	\$ 9,037,841.77

UCC - Computer Equipment

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening UCC	\$ -	\$ -	\$ 257.38	\$ 45,531.99	\$ 67,331.03	\$ 424,664.60
Capital Additions Computer Hardware	\$ -	\$ -	\$ 62,240.00	\$ 27,083.65	\$ 10,000.00	\$ -
Capital Additions Computer Software	\$ -	\$ 355.00	\$ 403.00	\$ 37,525.50	\$ 533,952.60	\$ 200,000.00
UCC Before Half Year Rule	\$ -	\$ 355.00	\$ 62,900.38	\$ 110,141.14	\$ 611,283.63	\$ 624,664.60
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ 177.50	\$ 31,321.50	\$ 32,304.58	\$ 271,976.30	\$ 100,000.00
Reduced UCC	\$ -	\$ 177.50	\$ 31,578.88	\$ 77,836.57	\$ 339,307.33	\$ 524,664.60
CCA Rate Class	45	50	50	50	50	50
CCA Rate	45%	55%	55%	55%	55%	55%
CCA	\$ -	\$ 97.63	\$ 17,368.38	\$ 42,810.11	\$ 186,619.03	\$ 288,565.53
Closing UCC	\$ -	\$ 257.38	\$ 45,531.99	\$ 67,331.03	\$ 424,664.60	\$ 336,099.07

UCC - General Equipment

	2006 Actual	2007 Actual	2008 Actual	2009 Actual	2010 Forecasted	2011 Forecasted
Opening UCC	\$ -	\$ -	\$ -	\$ -	\$ 31,295.31	\$ 58,268.75
Capital Additions Tools & Equipment	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -
Capital Additions Other Equipment	\$ -	\$ -	\$ -	\$ 34,772.57	\$ 31,925.00	\$ -
UCC Before Half Year Rule	\$ -	\$ -	\$ -	\$ 34,772.57	\$ 68,220.31	\$ 58,268.75
Half Year Rule (1/2 Additions - Disposals)	\$ -	\$ -	\$ -	\$ 17,386.29	\$ 18,462.50	\$ -
Reduced UCC	\$ -	\$ -	\$ -	\$ 17,386.29	\$ 49,757.81	\$ 58,268.75
CCA Rate Class	8	8	8	8	8	8
CCA Rate	20%	20%	20%	20%	20%	20%
CCA	\$ -	\$ -	\$ -	\$ 3,477.26	\$ 9,951.56	\$ 11,653.75
Closing UCC	\$ -	\$ -	\$ -	\$ 31,295.31	\$ 58,268.75	\$ 46,615.00

Sheet 7. Smart Meter Funding Adder Collected

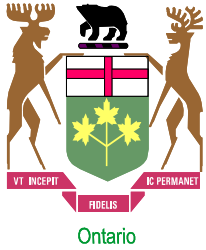
Date	Opening	Fund Adder	Int. Rate	Interest	Closing
Jan-06	\$ -	\$ -	7.25%	\$ -	\$ -
Feb-06	\$ -	\$ -	7.25%	\$ -	\$ -
Mar-06	\$ -	\$ -	7.25%	\$ -	\$ -
Apr-06	\$ -	\$ -	4.14%	\$ -	\$ -
May-06	\$ -	\$ 54	4.14%	\$ -	\$ 54
Jun-06	\$ 54	\$ 7,482	4.14%	\$ 0	\$ 7,536
Jul-06	\$ 7,536	\$ 15,692	4.59%	\$ 29	\$ 23,256
Aug-06	\$ 23,256	\$ 14,842	4.59%	\$ 89	\$ 38,187
Sep-06	\$ 38,187	\$ 17,686	4.59%	\$ 146	\$ 56,019
Oct-06	\$ 56,019	\$ 14,890	4.59%	\$ 214	\$ 71,124
Nov-06	\$ 71,124	\$ 17,366	4.59%	\$ 272	\$ 88,761
Dec-06	\$ 88,761	\$ 14,864	4.59%	\$ 340	\$ 103,965
Jan-07	\$ 103,965	\$ 12,875	4.59%	\$ 398	\$ 117,238
Feb-07	\$ 117,238	\$ 15,297	4.59%	\$ 448	\$ 132,983
Mar-07	\$ 132,983	\$ 17,589	4.59%	\$ 509	\$ 151,081
Apr-07	\$ 151,081	\$ 15,352	4.59%	\$ 578	\$ 167,010
May-07	\$ 167,010	\$ 17,518	4.59%	\$ 639	\$ 185,167
Jun-07	\$ 185,167	\$ 15,427	4.59%	\$ 708	\$ 201,302
Jul-07	\$ 201,302	\$ 15,668	4.59%	\$ 770	\$ 217,739
Aug-07	\$ 217,739	\$ 15,502	4.59%	\$ 833	\$ 234,075
Sep-07	\$ 234,075	\$ 17,557	4.59%	\$ 895	\$ 252,527
Oct-07	\$ 252,527	\$ 15,487	5.14%	\$ 1,082	\$ 269,096
Nov-07	\$ 269,096	\$ 17,666	5.14%	\$ 1,153	\$ 287,915
Dec-07	\$ 287,915	\$ 15,513	5.14%	\$ 1,233	\$ 304,661
Jan-08	\$ 304,661	\$ 17,652	5.14%	\$ 1,305	\$ 323,618
Feb-08	\$ 323,618	\$ 15,654	5.14%	\$ 1,386	\$ 340,658
Mar-08	\$ 340,658	\$ 17,731	5.14%	\$ 1,459	\$ 359,848
Apr-08	\$ 359,848	\$ 15,700	4.08%	\$ 1,223	\$ 376,771
May-08	\$ 376,771	\$ 17,778	4.08%	\$ 1,281	\$ 395,831
Jun-08	\$ 395,831	\$ 15,760	4.08%	\$ 1,346	\$ 412,936
Jul-08	\$ 412,936	\$ 17,793	3.35%	\$ 1,153	\$ 431,882
Aug-08	\$ 431,882	\$ 15,861	3.35%	\$ 1,206	\$ 448,949
Sep-08	\$ 448,949	\$ 17,719	3.35%	\$ 1,253	\$ 467,921
Oct-08	\$ 467,921	\$ 15,857	3.35%	\$ 1,306	\$ 485,085
Nov-08	\$ 485,085	\$ 17,766	3.35%	\$ 1,354	\$ 504,205
Dec-08	\$ 504,205	\$ 22,821	3.35%	\$ 1,408	\$ 528,433
Jan-09	\$ 528,433	\$ 17,779	2.45%	\$ 1,079	\$ 547,292
Feb-09	\$ 547,292	\$ 16,054	2.45%	\$ 1,117	\$ 564,463
Mar-09	\$ 564,463	\$ 17,854	2.45%	\$ 1,152	\$ 583,469
Apr-09	\$ 583,469	\$ 16,157	1.00%	\$ 486	\$ 600,113
May-09	\$ 600,113	\$ 63,828	1.00%	\$ 500	\$ 664,441
Jun-09	\$ 664,441	\$ 59,867	1.00%	\$ 554	\$ 724,861
Jul-09	\$ 724,861	\$ 66,442	0.55%	\$ 332	\$ 791,635
Aug-09	\$ 791,635	\$ 60,112	0.55%	\$ 363	\$ 852,110
Sep-09	\$ 852,110	\$ 66,263	0.55%	\$ 391	\$ 918,763
Oct-09	\$ 918,763	\$ 60,145	0.55%	\$ 421	\$ 979,329
Nov-09	\$ 979,329	\$ 66,326	0.55%	\$ 449	\$ 1,046,104
Dec-09	\$ 1,046,104	\$ 60,091	0.55%	\$ 479	\$ 1,106,674
Jan-10	\$ 1,106,674	\$ 66,352	0.55%	\$ 507	\$ 1,173,533
Feb-10	\$ 1,173,533	\$ 60,706	0.55%	\$ 538	\$ 1,234,777
Mar-10	\$ 1,234,777	\$ 66,388	0.55%	\$ 566	\$ 1,301,732
Apr-10	\$ 1,301,732	\$ 60,877	0.55%	\$ 597	\$ 1,363,205
May-10	\$ 1,363,205	\$ 66,474	0.55%	\$ 625	\$ 1,430,304
Jun-10	\$ 1,430,304	\$ 61,146	0.55%	\$ 656	\$ 1,492,106
Jul-10	\$ 1,492,106	\$ 66,739	0.89%	\$ 1,107	\$ 1,559,951
Aug-10	\$ 1,559,951	\$ 61,246	0.89%	\$ 1,157	\$ 1,622,355
Sep-10	\$ 1,622,355	\$ 64,029	0.89%	\$ 1,203	\$ 1,687,587
Oct-10	\$ 1,687,587	\$ 64,029	0.89%	\$ 1,252	\$ 1,752,868
Nov-10	\$ 1,752,868	\$ 64,029	0.89%	\$ 1,300	\$ 1,818,197
Dec-10	\$ 1,818,197	\$ 64,029	0.89%	\$ 1,348	\$ 1,883,574
Jan-11	\$ 1,883,574	\$ 64,029	0.89%	\$ 1,397	\$ 1,949,000
Feb-11	\$ 1,949,000	\$ 64,029	0.89%	\$ 1,446	\$ 2,014,475
Mar-11	\$ 2,014,475	\$ 64,029	0.89%	\$ 1,494	\$ 2,079,998
Apr-11	\$ 2,079,998	\$ 64,029	0.89%	\$ 1,543	\$ 2,145,569
May-11	\$ 2,145,569		0.89%	\$ 1,591	\$ 2,147,161
Jun-11	\$ 2,147,161		0.89%	\$ 1,592	\$ 2,148,753
Jul-11	\$ 2,148,753		0.89%	\$ 1,594	\$ 2,150,347
Aug-11	\$ 2,150,347		0.89%	\$ 1,595	\$ 2,151,942
Sep-11	\$ 2,151,942		0.89%	\$ 1,596	\$ 2,153,538
Oct-11	\$ 2,153,538		0.89%	\$ 1,597	\$ 2,155,135
Nov-11	\$ 2,155,135		0.89%	\$ 1,598	\$ 2,156,733
Dec-11	\$ 2,156,733		0.89%	\$ 1,600	\$ 2,158,333
Jan-12	\$ 2,158,333		0.89%	\$ 1,601	\$ 2,159,934
Feb-12	\$ 2,159,934		0.89%	\$ 1,602	\$ 2,161,536
Mar-12	\$ 2,161,536		0.89%	\$ 1,603	\$ 2,163,139
Apr-12	\$ 2,163,139		0.89%	\$ 1,604	\$ 2,164,743
May-12	\$ 2,164,743		0.89%	\$ 1,606	\$ 2,166,349
		<u>\$ 2,095,496</u>		<u>\$ 70,853</u>	

	Approved Deferral and Variance Accounts		CWIP Account
	Prescribed Interest Rate (per the Bankers' Acceptances-3 months Plus 0.25 Spread)	Prescribed Interest Rate (per the DEX Mid Term Corporate Bond Index Yield 2)	
	Q2 2006	4.14	4.68
Q3 2006	4.59	5.05	
Q4 2006	4.59	4.72	
Q1 2007	4.59	4.72	
Q2 2007	4.59	4.72	
Q3 2007	4.59	5.18	
Q4 2007	5.14	5.18	
Q1 2008	5.14	5.18	
Q2 2008	4.08	5.18	
Q3 2008	3.35	5.43	
Q4 2008	3.35	5.43	
Q1 2009	2.45	6.61	
Q2 2009	1.00	6.61	
Q3 2009	0.55	5.67	
Q4 2009	0.55	4.66	
Q1 2010	0.55	4.34	
Q2 2010	0.55	4.34	
Q3 2010	0.89	4.66	

Sheet 8 Applied for Smart Meter Rate Adder

Description	Amount
Revenue Requirement - 2006	\$ -
Revenue Requirement - 2007	\$ 57,166.94
Revenue Requirement - 2008	\$ 175,876.91
Revenue Requirement - 2009	\$ 592,684.31
Revenue Requirement - 2010	\$ 1,491,995.10
Revenue Requirement - 2011	\$ 2,444,769.06
Total Revenue Requirement	<u>\$ 4,762,492.31</u>
Smart Meter Rate Adder Collected	-\$ 2,095,495.70
Carrying Cost / Interest	-\$ 70,852.91
Proposed Smart Meter Recovery	<u>\$ 2,596,143.70</u>
2011 Expected Metered Customers	64,029
Proposed Smart Meter Rate Adder	\$ 3.38

2011 RTSR ADJUSTMENT WORKFORM



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Version : 1.0

LDC Information

Applicant Name	Burlington Hydro Inc.
OEB Application Number	EB-2010-0067
LDC Licence Number	ED-2003-0004
Application Type	IRM3



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Version : 1.0

Table of Contents

Sheet Name	Purpose of Sheet
A1.1 LDC Information	Enter LDC Data
A2.1 Table of Contents	Table of Contents
B1.1 Rate Class And RTSR Rates	Enter Rate Class And RTSR Rates
B1.2 Dist Billing Determinants	Enter Distributor Billing Determinants
B1.3 UTR's and Sub-Transmission	Current and Forecasted UTR's and Hydro One Sub-Transmission Rates
C1.1 Historical Wholesale	Enter Historical Wholesale Transmission
C1.2 Current Wholesale	Calculates Current Wholesale Transmission
C1.3 Forecast Wholesale	Calculates Forecast Wholesale Transmission
D1.1 Adj Network to Curr Whsl	Calculates the Adjustment for RTSR-Network needed to recover Current Wholesale
D1.2 Adj Conn to Curr Whsl	Calculates the Adjustment for RTSR-Connection needed to recover Current Wholesale
E1.1 Adj Network to Fcst Whsl	Calculates the Adjustment for RTSR-Network needed to recover Forecast Wholesale
E1.2 Adj Conn to Fcst Whsl	Calculates the Adjustment for RTSR-Connection needed to recover Forecast Wholesale
F1.1 IRM RTSR Adj - Network	Calculates the IRM RTSR Adjustment Calculation - Network for Rate Generator
F1.2 IRM RTSR Adj - Connection	Calculates the IRM RTSR Adjustment Calculation - Connection for Rate Generator



Name of LDC: Burlington Hydro Inc.
File Number: EB-2010-0067
Version : 1.0

Rate Class And 2010 RTSR Rates

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

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

Rate Group	Rate Class	Vol Metric	RTSR - Network	RTSR - Connection
RES	Residential	kWh	0.0061	0.0054
GSLT50	General Service Less Than 50 kW	kWh	0.0057	0.0047
GSGT50	General Service 50 to 4,999 kW	kW	2.3428	1.9574
GSGT50	General Service 50 to 4,999 kW – Interval Metered	kW	2.3768	2.0663
USL	Unmetered Scattered Load	kWh	0.0057	0.0047
SL	Street Lighting	kW	1.7370	1.4705
NA	Rate Class 7	NA		
NA	Rate Class 8	NA		
NA	Rate Class 9	NA		
NA	Rate Class 10	NA		
NA	Rate Class 11	NA		
NA	Rate Class 12	NA		
NA	Rate Class 13	NA		
NA	Rate Class 14	NA		
NA	Rate Class 15	NA		
NA	Rate Class 16	NA		
NA	Rate Class 17	NA		
NA	Rate Class 18	NA		
NA	Rate Class 19	NA		
NA	Rate Class 20	NA		
NA	Rate Class 21	NA		
NA	Rate Class 22	NA		
NA	Rate Class 23	NA		
NA	Rate Class 24	NA		
NA	Rate Class 25	NA		



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

2009 Distributor Billing Determinants

Enter the most recently reported RRR billing determinants

Loss Adjusted Metered kWh Yes

Loss Adjusted Metered kW No

Rate Class	Vol Metric	Metered kWh A	Metered kW B	Applicable Loss Factor C	Load Factor 730)	Loss Adjusted Billed kWh E = A * C
Residential	kWh	521,949,922	0	1.0429		544,341,574
General Service Less Than 50 kW	kWh	173,319,945	0	1.0429		180,755,371
General Service 50 to 4,999 kW	kW	235,324,012	718,463	1.0429	44.89%	245,419,412
General Service 50 to 4,999 kW – Interval Metered	kW	642,817,607	1,642,093	1.0429	53.65%	670,394,482
Unmetered Scattered Load	kWh	3,486,961	0	1.0429		3,636,552
Street Lighting	kW	9,264,243	25,867	1.0429	49.09%	9,661,679
Total		1,586,162,691	2,386,423			1,654,209,070



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Uniform Transmission and Hydro One Sub-Transmission Rates

Uniform Transmission Rates

Rate Description	Vol Metric	Effective January 1, 2009	Effective July 1, 2009	Effective January 1, 2010	Effective January 1, 2011
		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 2.57	\$ 2.66	\$ 2.97	\$ 2.97
Line Connection Service Rate	kW	\$ 0.70	\$ 0.70	\$ 0.73	\$ 0.73
Transformation Connection Service Rate	kW	\$ 1.62	\$ 1.57	\$ 1.71	\$ 1.71

Hydro One Sub-Transmission Rates

Rate Description	Vol Metric	Effective May 1, 2008	Effective May 1, 2009	Effective May 1, 2010	Effective May 1, 2011
		Rate	Rate	Rate	Rate
Network Service Rate	kW	\$ 2.01	\$ 2.24	\$ 2.65	\$ 2.65
Line Connection Service Rate	kW	\$ 0.50	\$ 0.60	\$ 0.64	\$ 0.64
Transformation Connection Service Rate	kW	\$ 1.38	\$ 1.39	\$ 1.50	\$ 1.50
Both Line and Transformation Connection Service Rate	kW	\$ 1.88	\$ 1.99	\$ 2.14	\$ 2.14

Hydro One Sub-Transmission Rate Rider 6A

Rate Description	Vol Metric	Effective May 1, 2008	Effective May 1, 2009	Effective May 1, 2010	Effective May 1, 2011
		Rate	Rate	Rate	Rate
RSVA Transmission network – 4714 – which affects 1584	kW	\$ -	\$ -	\$ 0.0470	\$ 0.0470
RSVA Transmission connection – 4716 – which affects 1586	kW	\$ -	\$ -	-\$ 0.0250	-\$ 0.0250
RSVA LV – 4750 – which affects 1550	kW	\$ -	\$ -	\$ 0.0580	\$ 0.0580
RARA 1 – 2252 – which affects 1590	kW	\$ -	\$ -	-\$ 0.0750	-\$ 0.0750
Hydro One Sub-Transmission Rate Rider 6A	kW	\$ -	\$ -	\$ 0.0050	\$ 0.0050



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

2009 Historical Wholesale Transmission

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

IESO

Month	Network			Line Connection			Transformation Connection			Total Line
	Billed	Rate	Amount	Billed	Rate	Amount	Billed	Rate	Amount	Amount
January	264,909	\$2.57	\$ 680,816	286,525	\$0.70	\$ 200,568	286,525	\$1.62	\$ 464,171	\$ 664,738
February	262,941	\$2.57	\$ 675,758	283,016	\$0.70	\$ 198,111	283,016	\$1.62	\$ 458,486	\$ 656,597
March	253,865	\$2.57	\$ 652,433	272,391	\$0.70	\$ 190,674	272,391	\$1.62	\$ 441,273	\$ 631,947
April	232,893	\$2.57	\$ 598,535	258,707	\$0.70	\$ 181,095	258,707	\$1.62	\$ 419,105	\$ 600,200
May	240,167	\$2.57	\$ 617,229	242,743	\$0.70	\$ 169,920	242,743	\$1.62	\$ 393,244	\$ 563,164
June	323,647	\$2.57	\$ 831,773	326,858	\$0.70	\$ 228,801	326,858	\$1.62	\$ 529,510	\$ 758,311
July	288,369	\$2.66	\$ 767,062	302,347	\$0.70	\$ 211,643	302,347	\$1.57	\$ 474,685	\$ 686,328
August	349,008	\$2.66	\$ 928,361	354,634	\$0.70	\$ 248,244	354,634	\$1.57	\$ 556,775	\$ 805,019
September	258,976	\$2.66	\$ 688,876	271,008	\$0.70	\$ 189,706	271,008	\$1.57	\$ 425,483	\$ 615,188
October	224,526	\$2.66	\$ 597,239	240,860	\$0.70	\$ 168,602	240,860	\$1.57	\$ 378,150	\$ 546,752
November	243,919	\$2.66	\$ 648,825	275,736	\$0.70	\$ 193,015	275,736	\$1.57	\$ 432,906	\$ 625,921
December	266,805	\$2.66	\$ 709,701	268,705	\$0.70	\$ 188,094	268,705	\$1.57	\$ 421,867	\$ 609,960
Total	3,210,025	\$2.62	\$8,396,609	3,383,530	\$0.70	\$2,368,471	3,383,530	\$1.59	\$5,395,654	\$7,764,125

Hydro One

Month	Network			Line Connection			Line Transformation			Total Line
	Billed	Rate	Amount	Billed	Rate	Amount	Billed	Rate	Amount	Amount
January		\$ -			\$ -			\$ -		\$ -
February		\$ -			\$ -			\$ -		\$ -
March		\$ -			\$ -			\$ -		\$ -
April		\$ -			\$ -			\$ -		\$ -
May		\$ -			\$ -			\$ -		\$ -
June		\$ -			\$ -			\$ -		\$ -
July		\$ -			\$ -			\$ -		\$ -
August		\$ -			\$ -			\$ -		\$ -
September		\$ -			\$ -			\$ -		\$ -
October		\$ -			\$ -			\$ -		\$ -
November		\$ -			\$ -			\$ -		\$ -
December		\$ -			\$ -			\$ -		\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total

Month	Network			Line Connection			Line Transformation			Total Line
	Billed	Rate	Amount	Billed	Rate	Amount	Billed	Rate	Amount	Amount
January	264,909	\$2.57	\$ 680,816	286,525	\$0.70	\$ 200,568	286,525	\$1.62	\$ 464,171	\$ 664,738
February	262,941	\$2.57	\$ 675,758	283,016	\$0.70	\$ 198,111	283,016	\$1.62	\$ 458,486	\$ 656,597
March	253,865	\$2.57	\$ 652,433	272,391	\$0.70	\$ 190,674	272,391	\$1.62	\$ 441,273	\$ 631,947
April	232,893	\$2.57	\$ 598,535	258,707	\$0.70	\$ 181,095	258,707	\$1.62	\$ 419,105	\$ 600,200
May	240,167	\$2.57	\$ 617,229	242,743	\$0.70	\$ 169,920	242,743	\$1.62	\$ 393,244	\$ 563,164
June	323,647	\$2.57	\$ 831,773	326,858	\$0.70	\$ 228,801	326,858	\$1.62	\$ 529,510	\$ 758,311
July	288,369	\$2.66	\$ 767,062	302,347	\$0.70	\$ 211,643	302,347	\$1.57	\$ 474,685	\$ 686,328
August	349,008	\$2.66	\$ 928,361	354,634	\$0.70	\$ 248,244	354,634	\$1.57	\$ 556,775	\$ 805,019
September	258,976	\$2.66	\$ 688,876	271,008	\$0.70	\$ 189,706	271,008	\$1.57	\$ 425,483	\$ 615,188
October	224,526	\$2.66	\$ 597,239	240,860	\$0.70	\$ 168,602	240,860	\$1.57	\$ 378,150	\$ 546,752
November	243,919	\$2.66	\$ 648,825	275,736	\$0.70	\$ 193,015	275,736	\$1.57	\$ 432,906	\$ 625,921
December	266,805	\$2.66	\$ 709,701	268,705	\$0.70	\$ 188,094	268,705	\$1.57	\$ 421,867	\$ 609,960
Total	3,210,025	\$2.62	\$8,396,609	3,383,530	\$0.70	\$2,368,471	3,383,530	\$1.59	\$5,395,654	\$7,764,125



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Current Wholesale Transmission

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

IESO

Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	264,909	\$2.9700	\$ 786,780	286,525	\$0.7300	\$ 209,163	286,525	\$1.7100	\$ 489,958	\$ 699,121
February	262,941	\$2.9700	\$ 780,935	283,016	\$0.7300	\$ 206,602	283,016	\$1.7100	\$ 483,957	\$ 690,559
March	253,865	\$2.9700	\$ 753,979	272,391	\$0.7300	\$ 198,845	272,391	\$1.7100	\$ 465,789	\$ 664,634
April	232,893	\$2.9700	\$ 691,692	258,707	\$0.7300	\$ 188,856	258,707	\$1.7100	\$ 442,389	\$ 631,245
May	240,167	\$2.9700	\$ 713,296	242,743	\$0.7300	\$ 177,202	242,743	\$1.7100	\$ 415,091	\$ 592,293
June	323,647	\$2.9700	\$ 961,232	326,858	\$0.7300	\$ 238,606	326,858	\$1.7100	\$ 558,927	\$ 797,534
July	288,369	\$2.9700	\$ 856,456	302,347	\$0.7300	\$ 220,713	302,347	\$1.7100	\$ 517,013	\$ 737,727
August	349,008	\$2.9700	\$1,036,554	354,634	\$0.7300	\$ 258,883	354,634	\$1.7100	\$ 606,424	\$ 865,307
September	258,976	\$2.9700	\$ 769,159	271,008	\$0.7300	\$ 197,836	271,008	\$1.7100	\$ 463,424	\$ 661,260
October	224,526	\$2.9700	\$ 666,842	240,860	\$0.7300	\$ 175,828	240,860	\$1.7100	\$ 411,871	\$ 587,698
November	243,919	\$2.9700	\$ 724,439	275,736	\$0.7300	\$ 201,287	275,736	\$1.7100	\$ 471,509	\$ 672,796
December	266,805	\$2.9700	\$ 792,411	268,705	\$0.7300	\$ 196,155	268,705	\$1.7100	\$ 459,486	\$ 655,640
Total	3,210,025	\$2.9700	\$9,533,774	3,383,530	\$0.7300	\$2,469,977	3,383,530	\$1.7100	\$5,785,836	\$8,255,813

Hydro One

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell K48			Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell K50						
January	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
February	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
March	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
April	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
May	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
June	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
July	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
August	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
September	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
October	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
November	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
December	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	264,909	\$2.9700	\$ 786,780	286,525	\$0.7300	\$ 209,163	286,525	\$1.7100	\$ 489,958	\$ 699,121
February	262,941	\$2.9700	\$ 780,935	283,016	\$0.7300	\$ 206,602	283,016	\$1.7100	\$ 483,957	\$ 690,559
March	253,865	\$2.9700	\$ 753,979	272,391	\$0.7300	\$ 198,845	272,391	\$1.7100	\$ 465,789	\$ 664,634
April	232,893	\$2.9700	\$ 691,692	258,707	\$0.7300	\$ 188,856	258,707	\$1.7100	\$ 442,389	\$ 631,245
May	240,167	\$2.9700	\$ 713,296	242,743	\$0.7300	\$ 177,202	242,743	\$1.7100	\$ 415,091	\$ 592,293
June	323,647	\$2.9700	\$ 961,232	326,858	\$0.7300	\$ 238,606	326,858	\$1.7100	\$ 558,927	\$ 797,534
July	288,369	\$2.9700	\$ 856,456	302,347	\$0.7300	\$ 220,713	302,347	\$1.7100	\$ 517,013	\$ 737,727
August	349,008	\$2.9700	\$1,036,554	354,634	\$0.7300	\$ 258,883	354,634	\$1.7100	\$ 606,424	\$ 865,307
September	258,976	\$2.9700	\$ 769,159	271,008	\$0.7300	\$ 197,836	271,008	\$1.7100	\$ 463,424	\$ 661,260
October	224,526	\$2.9700	\$ 666,842	240,860	\$0.7300	\$ 175,828	240,860	\$1.7100	\$ 411,871	\$ 587,698
November	243,919	\$2.9700	\$ 724,439	275,736	\$0.7300	\$ 201,287	275,736	\$1.7100	\$ 471,509	\$ 672,796
December	266,805	\$2.9700	\$ 792,411	268,705	\$0.7300	\$ 196,155	268,705	\$1.7100	\$ 459,486	\$ 655,640
Total	3,210,025	\$2.9700	\$9,533,774	3,383,530	\$0.7300	\$2,469,977	3,383,530	\$1.7100	\$5,785,836	\$8,255,813



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Forecast Wholesale Transmission

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

IESO

Month	Network			Line Connection			Transformation Connection			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	264,909	\$2.9700	\$ 786,780	286,525	\$0.7300	\$ 209,163	286,525	\$1.7100	\$ 489,958	\$ 699,121
February	262,941	\$2.9700	\$ 780,935	283,016	\$0.7300	\$ 206,602	283,016	\$1.7100	\$ 483,957	\$ 690,559
March	253,865	\$2.9700	\$ 753,979	272,391	\$0.7300	\$ 198,845	272,391	\$1.7100	\$ 465,789	\$ 664,634
April	232,893	\$2.9700	\$ 691,692	258,707	\$0.7300	\$ 188,856	258,707	\$1.7100	\$ 442,389	\$ 631,245
May	240,167	\$2.9700	\$ 713,296	242,743	\$0.7300	\$ 177,202	242,743	\$1.7100	\$ 415,091	\$ 592,293
June	323,647	\$2.9700	\$ 961,232	326,858	\$0.7300	\$ 238,606	326,858	\$1.7100	\$ 558,927	\$ 797,534
July	288,369	\$2.9700	\$ 856,456	302,347	\$0.7300	\$ 220,713	302,347	\$1.7100	\$ 517,013	\$ 737,727
August	349,008	\$2.9700	\$1,036,554	354,634	\$0.7300	\$ 258,883	354,634	\$1.7100	\$ 606,424	\$ 865,307
September	258,976	\$2.9700	\$ 769,159	271,008	\$0.7300	\$ 197,836	271,008	\$1.7100	\$ 463,424	\$ 661,260
October	224,526	\$2.9700	\$ 666,842	240,860	\$0.7300	\$ 175,828	240,860	\$1.7100	\$ 411,871	\$ 587,698
November	243,919	\$2.9700	\$ 724,439	275,736	\$0.7300	\$ 201,287	275,736	\$1.7100	\$ 471,509	\$ 672,796
December	266,805	\$2.9700	\$ 792,411	268,705	\$0.7300	\$ 196,155	268,705	\$1.7100	\$ 459,486	\$ 655,640
Total	3,210,025	\$2.9700	\$9,533,774	3,383,530	\$0.7300	\$2,469,977	3,383,530	\$1.7100	\$5,785,836	\$8,255,813

Hydro One

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
	Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell M48			Includes Hydro One Rate Rider B1.3 UTR's and Sub-Transmission Cell M50						
January	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
February	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
March	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
April	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
May	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
June	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
July	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
August	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
September	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
October	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
November	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
December	-	\$2.6970	\$ -	-	\$0.6150	\$ -	-	\$1.5000	\$ -	\$ -
Total	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	\$ -

Total

Month	Network			Line Connection			Line Transformation			Total Line
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	264,909	\$2.9700	\$ 786,780	286,525	\$0.7300	\$ 209,163	286,525	\$1.7100	\$ 489,958	\$ 699,121
February	262,941	\$2.9700	\$ 780,935	283,016	\$0.7300	\$ 206,602	283,016	\$1.7100	\$ 483,957	\$ 690,559
March	253,865	\$2.9700	\$ 753,979	272,391	\$0.7300	\$ 198,845	272,391	\$1.7100	\$ 465,789	\$ 664,634
April	232,893	\$2.9700	\$ 691,692	258,707	\$0.7300	\$ 188,856	258,707	\$1.7100	\$ 442,389	\$ 631,245
May	240,167	\$2.9700	\$ 713,296	242,743	\$0.7300	\$ 177,202	242,743	\$1.7100	\$ 415,091	\$ 592,293
June	323,647	\$2.9700	\$ 961,232	326,858	\$0.7300	\$ 238,606	326,858	\$1.7100	\$ 558,927	\$ 797,534
July	288,369	\$2.9700	\$ 856,456	302,347	\$0.7300	\$ 220,713	302,347	\$1.7100	\$ 517,013	\$ 737,727
August	349,008	\$2.9700	\$1,036,554	354,634	\$0.7300	\$ 258,883	354,634	\$1.7100	\$ 606,424	\$ 865,307
September	258,976	\$2.9700	\$ 769,159	271,008	\$0.7300	\$ 197,836	271,008	\$1.7100	\$ 463,424	\$ 661,260
October	224,526	\$2.9700	\$ 666,842	240,860	\$0.7300	\$ 175,828	240,860	\$1.7100	\$ 411,871	\$ 587,698
November	243,919	\$2.9700	\$ 724,439	275,736	\$0.7300	\$ 201,287	275,736	\$1.7100	\$ 471,509	\$ 672,796
December	266,805	\$2.9700	\$ 792,411	268,705	\$0.7300	\$ 196,155	268,705	\$1.7100	\$ 459,486	\$ 655,640
Total	3,210,025	\$2.9700	\$9,533,774	3,383,530	\$0.7300	\$2,469,977	3,383,530	\$1.7100	\$5,785,836	\$8,255,813



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Adjust RTSR-Network to Current Network Wholesale

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

Rate Class	Vol Metric	Current RTSR - Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR - Network
		(A) Column H Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)	(H) = (G) * (F)	(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$ 0.0061	544,341,574	0	\$ 3,320,484	33.20%	\$ 3,164,854	\$ 0.0058
General Service Less Than 50 kW	kWh	\$ 0.0057	180,755,371	0	\$ 1,030,306	10.30%	\$ 982,016	\$ 0.0054
General Service 50 to 4,999 kW	kW	\$ 2.3428	245,419,412	718,463	\$ 1,683,215	16.83%	\$ 1,604,324	\$ 2.2330
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.3768	670,394,482	1,642,093	\$ 3,902,927	39.02%	\$ 3,719,999	\$ 2.2654
Unmetered Scattered Load	kWh	\$ 0.0057	3,636,552	0	\$ 20,728	0.21%	\$ 19,757	\$ 0.0054
Street Lighting	kW	\$ 1.7370	9,661,679	25,867	\$ 44,931	0.45%	\$ 42,825	\$ 1.6556
			<u>1,654,209,070</u>	<u>2,386,423</u>	<u>\$ 10,002,590</u>	<u>100.00%</u>	<u>\$ 9,533,774</u>	
					(E)		(G) Cell G73 Sheet C1.2	



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Adjust RTSR-Connection to Current Connection Wholesale

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

Rate Class	Vol Metric	Current RTSR - Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR - Connection
		(A) Column J Sheet B1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)	(H) = (G) * (F)	(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$ 0.0054	544,341,574	0	\$ 2,939,444	34.01%	\$ 2,807,602	\$ 0.0052
General Service Less Than 50 kW	kWh	\$ 0.0047	180,755,371	0	\$ 849,550	9.83%	\$ 811,445	\$ 0.0045
General Service 50 to 4,999 kW	kW	\$ 1.9574	245,419,412	718,463	\$ 1,406,319	16.27%	\$ 1,343,242	\$ 1.8696
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.0663	670,394,482	1,642,093	\$ 3,393,057	39.26%	\$ 3,240,868	\$ 1.9736
Unmetered Scattered Load	kWh	\$ 0.0047	3,636,552	0	\$ 17,092	0.20%	\$ 16,325	\$ 0.0045
Street Lighting	kW	\$ 1.4705	9,661,679	25,867	\$ 38,037	0.44%	\$ 36,331	\$ 1.4045
			<u>1,654,209,070</u>	<u>2,386,423</u>	<u>\$ 8,643,500</u>	<u>100.00%</u>	<u>\$ 8,255,813</u>	
					(E)		(G) Cell Q73 Sheet C1.2	



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Adjust RTSR-Network to Forecast Network Wholesale

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

Rate Class	Vol Metric	Adjusted RTSR - Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR - Network
		(A) Column S Sheet D1.1	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)	(H) = (G) * (F)	(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$ 0.0058	544,341,574	0	\$ 3,164,854	33.20%	\$ 3,164,854	\$ 0.0058
General Service Less Than 50 kW	kWh	\$ 0.0054	180,755,371	0	\$ 982,016	10.30%	\$ 982,016	\$ 0.0054
General Service 50 to 4,999 kW	kW	\$ 2.2330	245,419,412	718,463	\$ 1,604,324	16.83%	\$ 1,604,324	\$ 2.2330
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 2.2654	670,394,482	1,642,093	\$ 3,719,999	39.02%	\$ 3,719,999	\$ 2.2654
Unmetered Scattered Load	kWh	\$ 0.0054	3,636,552	0	\$ 19,757	0.21%	\$ 19,757	\$ 0.0054
Street Lighting	kW	\$ 1.6556	9,661,679	25,867	\$ 42,825	0.45%	\$ 42,825	\$ 1.6556
			<u>1,654,209,070</u>	<u>2,386,423</u>	<u>\$ 9,533,774</u>	<u>100.00%</u>	<u>\$ 9,533,774</u>	
					(E)		Cell G73 Sheet C1.3	



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067
 Version : 1.0

Adjust RTSR-Connection to Forecast Connection Wholesale

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

Rate Class	Vol Metric	Adjusted RTSR - Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR - Connection
		(A) Column S Sheet D1.2	(B) Column O Sheet B1.2	(C) Column I Sheet B1.2	(D) = (A) * (B) or (A) * (C)	(F) = (D) / (E)	(H) = (G) * (F)	(I) = (H) / (B) or (H) / (C)
Residential	kWh	\$ 0.0052	544,341,574	0	\$ 2,807,602	34.01%	\$ 2,807,602	\$ 0.0052
General Service Less Than 50 kW	kWh	\$ 0.0045	180,755,371	0	\$ 811,445	9.83%	\$ 811,445	\$ 0.0045
General Service 50 to 4,999 kW	kW	\$ 1.8696	245,419,412	718,463	\$ 1,343,242	16.27%	\$ 1,343,242	\$ 1.8696
General Service 50 to 4,999 kW – Interval Metered	kW	\$ 1.9736	670,394,482	1,642,093	\$ 3,240,868	39.26%	\$ 3,240,868	\$ 1.9736
Unmetered Scattered Load	kWh	\$ 0.0045	3,636,552	0	\$ 16,325	0.20%	\$ 16,325	\$ 0.0045
Street Lighting	kW	\$ 1.4045	9,661,679	25,867	\$ 36,331	0.44%	\$ 36,331	\$ 1.4045
			1,654,209,070	2,386,423	\$ 8,255,813	100.00%	\$ 8,255,813	
					(E)		Cell Q73 Sheet C1.3	



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067

IRM RTSR Adjustment Calculation - Network

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

Rate Class	Vol Metric	Current RTSR - Network	Proposed RTSR - Network	RTSR - Network Adjustment
		(A) Column H Sheet B1.1	(B) Column S Sheet E1.1	C = B - A
Residential	kWh	0.0061	0.0058	-0.000285904
General Service Less Than 50 kW	kWh	0.0057	0	-0.000267156
General Service 50 to 4,999 kW	kW	2.3428	2	-0.109805781
General Service 50 to 4,999 kW – Interval Metered	kW	2.3768	2	-0.111399343
Unmetered Scattered Load	kWh	0.0057	0	-0.000267156
Street Lighting	kW	1.7370	2	-0.08141226

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



Name of LDC: Burlington Hydro Inc.
 File Number: EB-2010-0067

IRM RTSR Adjustment Calculation - Connection

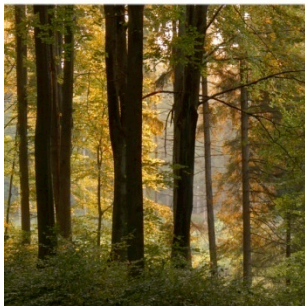
The purpose of this sheet is to update re-aligned RTSR-Network rates to recover forecast wholesale Network costs.

Rate Class	Vol Metric	Current RTSR - Connection	Proposed RTSR - Connection	RTSR - Network Adjustment
		(A) Column J Sheet B1.1	(B) Column S Sheet E1.2	C = B - A
Residential	kWh	0.0054	0.0052	-0.000242206
General Service Less Than 50 kW	kWh	0.0047	0.0045	-0.000210809
General Service 50 to 4,999 kW	kW	1.9574	1.8696	-0.087795282
General Service 50 to 4,999 kW – Interval Metered	kW	2.0663	1.9736	-0.092679775
Unmetered Scattered Load	kWh	0.0047	0.0045	-0.000210809
Street Lighting	kW	1.4705	1.4045	-0.065956352

Enter this value into column "G" on sheet "L2.1 Appl For TX Connect" of the 2011 Rate Generator

THIRD PARTY REVIEW – BURLINGTON HYDRO 2009 LRAM

Burlington Hydro Inc. LRAM



Third party review:

Burlington Hydro Inc. 2009 LRAM claim



This document was prepared for Burlington Hydro Inc. by IndEco Strategic Consulting Inc.

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IndEco report B0597

27 September 2010

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Executive summary

A third party review of the Conservation and Demand Management (CDM) programs run by Burlington Hydro Inc. (BHI) was required as part of its application to the Ontario Energy Board (OEB) for collection of a Lost Revenue Adjustment Mechanism (LRAM) claim.

IndEco Strategic Consulting Inc. (IndEco) acted as third party reviewer by examining the participant rates, equipment specifications, and calculations that enter into the energy savings submitted by BHI to the OEB. The review was completed as detailed in the OEB *Guidelines for Electricity Distributor Conservation and Demand Management*.

The third party review included BHI's CDM activities in 2005, 2006, 2007, 2008 and 2009 supported through Third Tranche of Market Adjustment Revenue Requirement (MARR) funding, post-Third Tranche funding, and Ontario Power Authority (OPA) funding. An LRAM claim is being requested for revenue lost during the following periods:

- 2005-2008 OPA, Third Tranche and Post-third Tranche programs: January 1 2009 to 30 April 2010; and
- 2009 OPA programs: January 1 2009 to 31 December 2010.

For the third tranche programs and OPA programs delivered through 2008, LRAM was previously claimed to the end of 2008, but not to April 30 2010, which was covered by the earlier Cost of Service proceeding.

Lost revenues are calculated using estimated energy savings or monthly peak demand savings using the best available and most current input assumptions. Energy savings originally reported in BHI's annual filings have been updated to reflect new assumptions available since then, including more recent input assumptions from the OPA, and the results of OPA's program evaluations. Within the timeframe for which LRAM is being claimed, these savings totalled over 14 GWh in the residential rate class and 10 GWh in the GS < 50 kW rate class. Savings in the GS 50 to 4,999 kW rate class totalled approximately 8,375 kW-months, respectively.

IndEco concludes that BHI's electricity rates should be adjusted to reflect an LRAM claim of \$407,790.

Introduction

A Lost Revenue Adjustment Mechanism (LRAM) is designed to ensure that a Local Distribution Company (LDC) does not have a disincentive to promote energy efficiency and energy conservation by compensating the LDC for revenues lost as a result of its conservation initiatives. It requires the calculation of electricity savings over the period between the last rate application (or previous LRAM claim), and the time of the application. In turn, this calculation requires information on what the electricity use would have been in the absence of the LDC initiatives, and what it was with the LDC initiative. Some of the inputs to the calculation include: hours the equipment is used, wattage rating of the old and new equipment, and lifetime of the equipment if it is less than the period over which the LRAM is being claimed. Also required are the number of participants, or pieces of equipment installed, and an estimate of the free-rider rate, which is the fraction of the savings that would have occurred anyway, in the absence of the program. These savings are estimated by rate class, and revenue losses are determined by multiplying those losses by the cost of distribution per unit for each rate class. Carrying charges are calculated using deferral and variance account interest rates prescribed by the OEB.¹

Although these input data requirements are sometimes measured, they sometimes use values from published sources, or assumptions provided by the Ontario Energy Board, or other reputable agencies. Collectively all these data are sometimes referred to as “TRC inputs” after the Total Resource Cost test that is used to calculate total economic costs and benefits to society. For some types of programs, such as large scale distribution of compact fluorescent bulbs, it would be impractical to measure the hours each bulb is used, and therefore these published sources provide an average value that is typical for this equipment type.

In some cases, estimated values for a particular component of the calculation are available from multiple sources. In these cases, information is taken from the sources highest in the information hierarchy. The information hierarchy (from greatest to least confidence) for LRAM calculations is:

- 1 Information or results from an OPA conducted or sponsored evaluation of the specific program (OPA 2009 and OPA 2010c)
- 2 Information or results from a third-party evaluation of the specific program
- 3 Information or results from a site-specific assessment of the application of the technology, including on-site measurement or survey of the specific customer
- 4 Manufacturer specifications for energy use/demand of a technology

¹ For prescribed interest rates, see <http://www.oeb.gov.on.ca/OEB/Industry/Rules+and+Requirements/Rules+Codes+Guidelines+and+Forms/Prescribed+Interest+Rates>

- 5 Information from the OPA's most current measures and assumptions lists (OPA 2010a, OPA 2010b)
- 6 Information from earlier OPA measures and assumptions lists
- 7 Information from the OEB's TRC guide list of measures and assumptions.

In principal, we might have consulted values from the literature and adopted these if they could be shown to be more current, specific or otherwise suitable than the values from sources 4 through 7. However, this was not necessary in this case.

The CDM programs undertaken by BHI between 2005 and 2009 included:

- Optimization of BHI's energy distribution system;
- In-house, municipal and multi-unit residential lighting retrofits;
- Public and general services education and outreach programs;
- Customer-based equipment upgrade programs supporting switches to more energy efficient technologies;
- The education of BHI staff members on additional knowledge of CDM activities; and
- Partnership with or delivery of OPA-funded programs, including Every Kilowatt Counts (EKC), **peaksaver**®, the Great Refrigerator Roundup, the Renewable Energy Standard Offer Program, the Summer Savings Program, Power Savings Blitz and the Electricity Retrofit Incentive Program (ERIP).

The LRAM claim reviewed in this document is for lost revenues that resulted:

- From third tranche and 2006-2008 OPA programs between 1 January 2009 and 30 April 2010. Lost revenues prior to 2009 were granted in an earlier LRAM claim. The impact of these programs after May 1 2010 is addressed in the load forecast that was part of the most recent Cost of Services application.
- From 2009 OPA programs between 1 January 2009 and 31 December 2010. The results of these programs were provided on a preliminary basis by the OPA and will be updated when OPA has the final results, expected in Fall 2010.

During the period of the LRAM claim, these programs led to savings of over 14 GWh in the residential rate class and 10 GWh in the GS < 50 kW rate class. In the GS 50-4,999 kW rate class, where distribution charges are based on monthly peak kilowatt use, the savings are approximately 8,375 kW-months.

Scope

This review examines the measures and energy savings for the twelve programs in BHI's third tranche and three programs in BHI's post-third tranche CDM portfolio. These programs ran from 2005 until completion as of December 31, 2007. It also includes programs run under contract to the Ontario Power Authority (OPA) in 2006, 2007, 2008 and 2009.

An LRAM claim is being requested for revenue lost during the following periods:

- 2005-2008 OPA, Third Tranche and Post-third Tranche programs: 1 January 2009 to 30 April 2010; and
- 2009 OPA programs: 1 January 2009 to 31 December 2010.

BHI has previously filed an LRAM claim (along with a Shared Savings Mechanism claim) for BHI Third-Tranche and post-Third Tranche programs as well as their 2006-2008 OPA-funded programs for the period between 1 January 2005 and 31 December 2008².

No lost revenues are claimed for impacts of smart meters or for distribution system improvements.

² See OEB case number EB-2009-0259.

Requested LRAM amounts

Inputs used to calculate energy savings for each prescriptive and custom measure were reviewed to ensure accuracy and suitability.

IndEco finds that appropriate measure specifications were used to calculate program energy savings. For the calculation of LRAM claims, values provided by the 2010 OPA Measures and Assumptions list were used for prescriptive measures (OPA 2010a).

Exceptions to the use of the 2010 Measures and Assumptions list for prescriptive measure input assumptions used in the calculation of LRAM claims are as follows:

- The '2006-2008 OPA Conservation Results. Burlington Hydro Inc.'³ was used as a source of inputs for OPA funded 2006-2008 CDM programs. These evaluated results have been adopted in accordance with Board recommendations that "The Board would consider an evaluation by the OPA or a third party designated by the OPA to be sufficient."⁴ OPA advises that these estimates are prepared in a manner consistent with OPA current practice, and are the same values used to report progress against provincial conservation targets.
- Similarly, the '2006-8 Final + 2009 Preliminary OPA CDM Results Burlington Hydro Inc.'⁵ were used as a source of inputs for 2009 OPA funded CDM programs.
- One measure from the 2005 Public Education and Outreach program was not found on the 2010 OPA Measures and Assumptions list. The most current assumptions were used.⁶

Custom measures were substantiated through documentation such as invoices of equipment type, wattage, cost and savings provided by a professional lighting expert. All custom inputs remain unchanged from BHI's previous board-approved LRAM claim (EB-2009-0259)

For many programs in the BHI portfolio, a 30% default free-rider rate was used to calculate energy savings. However, all OPA programs used the program-specific free-rider rates provided by OPA 2009 and OPA 2010c. Also, a custom free-rider rate of 0% was used for five BHI CDM programs. The 2005 and 2006 BHI Lighting Retrofit programs were in-house lighting retrofits at its own facilities and 31 substations in the BHI distribution area. The 2006 Municipal Construction program and the 2006 Municipal Building Retrofit program were programs initiated by

³ OPA 2009. 2006-8 OPA Conservation Program Results – Burlington Hydro Inc. E-mail from R. Bunker (OPA) dated 10 November

⁴ OEB 2008a. Guidelines for Electricity Distributor Conservation and Demand Management. p.28

⁵ OPA 2010c. 2006-8 Final + 2009 Preliminary OPA CDM Results Burlington Hydro Inc. E-mail from J. Yue (OPA) dated 13 August

⁶ These assumptions were provided in a report on program results completed by SeeLine for the 2005 Lighten your Electricity Bill. The measure in question was an indoor timer for air conditioners.

BHI at the Halton Regional Police Services and Burlington City Hall. A free-rider rate of 0% is justified for these four programs since they were in-house and municipal infrastructure retrofits that would not have been initiated without BHI's efforts. The 2007 Municipal New Construction program involved the construction of a 10kW wind turbine on the Burlington Pier. Due to the unique nature of this program, a free-rider rate of 0% was applied. All custom free-rider rates remain unchanged from BHI's previous board-approved LRAM claim, (EB-2009-0259).

A summary list of the assumption sources used for the calculation of the LRAM claim is provided in Table 1.

The measure inputs used to calculate the LRAM claim can be found in Table 7 to Table 9 in Appendix A.

Energy savings for measures installed between 2005 and 31 December 2009 were calculated for the following periods:

- 2005-2008 OPA, Third Tranche and Post-third Tranche programs: January 1 2009 to 30 April 2010; and
- 2009 OPA programs: January 1 2009 to 31 December 2010.

Table 2 and Table 3 shows the net and gross energy savings or demand reductions of each program by rate class. OPA program energy savings in Table 2 and Table 3, and LRAM amounts (in Table 5) were acquired directly from spreadsheets provided by the OPA.

Net energy savings were converted to LRAM values by using BHI distribution rates. Distribution rates are in Table 4.

The LRAM is presented in Table 5

Table 1 – Source and values of assumptions used for the calculation of the LRAM claim

Funding source	Rate class	Program	Source of LRAM inputs
Post-third Tranche	Residential	2006 EKC	OPA 2009
	Residential	2007 EKC	OPA 2009
	GS < 50 kW, GS 50-4,999 kW	2006 General service lighting	Program evaluation ¹
	GS < 50 kW, GS 50-4,999 kW	2007 General service lighting	Program evaluation ¹
	GS < 50 kW, GS 50-4,999 kW	2006 Multi-unit Res lighting retrofit	Program evaluation ¹
	GS 50-4,999 kW	2007 Multi-unit Res lighting retrofit	Program evaluation ¹
Third Tranche	GS 50-4,999 kW	2005 BHI lighting retrofit	Program evaluation ¹
	GS 50-4,999 kW	2006 BHI lighting retrofit	Program evaluation ¹
	GS < 50 kW	2007 Home developers program	Program evaluation ¹
	GS < 50 kW, GS 50-4,999 kW	2006 Municipal building retrofit	Program evaluation ¹
	Residential	2007 Municipal building retrofit ²	OPA 2010a
	GS < 50 kW	2006 Municipal new construction	Program evaluation ¹
	Residential	2005 Public education and outreach	OPA 2010a, SeeLine ³
	Residential	2007 Public education and outreach	OPA 2010a
	Residential	2007 Staff development program	OPA 2010a
OPA	Residential	2006 Cool Savings Rebate	OPA 2009
	Residential	2007 Cool Savings Rebate	OPA 2009
	Residential	2008 Cool Savings Rebate	OPA 2009
	Residential	2008 EKC - Power Savings Event	OPA 2009
	GS < 50 kW, GS 50-4,999 kW	2007 ERIP	OPA 2009
	GS < 50 kW, GS 50-4,999 kW	2008 ERIP	OPA 2009
	GS < 50 kW	2008 High performance new construction	OPA 2009
	Residential	2008 peaksaver®	OPA 2009
	GS < 50 kW	2008 Power Savings Blitz	OPA 2009
	GS < 50 kW	2007 Renewable Energy Standard Offer Program (RESOP)	OPA 2009
	Residential	2006 Secondary fridge retirement pilot	OPA 2009
	Residential	2007 Social housing	OPA 2009
	Residential	2007 Summer Savings/Sweepstakes	OPA 2009
	Residential	2008 Summer Savings/Sweepstakes	OPA 2009
	Residential	2007 The Great Refrigerator Roundup	OPA 2009
	Residential	2008 The Great Refrigerator Roundup	OPA 2009
	Residential	2009 The Great Refrigerator Roundup	OPA 2010c
	Residential	2009 Cool Savings Rebate	OPA 2010c
	Residential	2009 EKC - Power Savings Event	OPA 2010c
	GS < 50 kW, GS 50-4,999 kW	2009 ERIP	OPA 2010c
	GS < 50 kW	2009 High performance new construction	OPA 2010c
	Residential	2009 peaksaver®	OPA 2010c
	GS < 50 kW	2009 Power Savings Blitz	OPA 2010c

1. Program evaluation refers to documentation such as invoices of equipment type, wattage, operating hours and savings provided by a professional lighting expert. These sources were all used in BHI's Board-approved 2005-2008 LRAM claim.
2. The 2007 Municipal building retrofit program consisted of a CFL exchange offered to city staff. Therefore, it is considered a residential program.
3. SeeLine 2006 was used for input assumptions for one measure not found in OPA 2010a: AC indoor timers.

Table 2 – Cumulative net program energy savings and demand savings by rate class within the LRAM claim period¹

Funding source	Program	Program year	Residential (kWh)	GS < 50kW (kWh)	GS 50-4,999kW (kW-mo)²
OPA	Cool Savings Rebate	2006	160,507		
		2007	520,694		
		2008	370,524		
		2009	1,007,969		
	EKC - Power Savings Event	2008	2,029,518		
		2009	871,798		
	Electricity Retrofit Incentive Program (ERIP)	2007		20,241	623
		2008		66,628	135
		2009		49,725	1,882
	High performance new construction	2008		5,212	
		2009		253,296	
	peaksaver®	2008	45,620		
		2009	43,222		
	Power Savings Blitz	2008		382,587	
		2009		8,359,033	
	RESOP	2007		7,753	
	Secondary fridge retirement pilot	2006	95,787		
	Social housing	2007	205,238		
	Summer Savings/Sweepstakes	2007			
		2008			
	The Great Refrigerator Roundup	2007	217,085		
		2008	636,167		
		2009	775,935		
<i>OPA net savings by rate class</i>			<i>6,980,065</i>	<i>9,144,475</i>	<i>2,640</i>
Post-third Tranche	EKC ³	2006	5,066,626		
		2007	2,249,690		
	General service lighting	2006		286,371	2,270
		2007		132,583	1,170
	Multi-unit residential lighting retrofit	2006		96,992	150
		2007			435
<i>Post-third tranche net savings by rate class</i>			<i>7,316,316</i>	<i>515,946</i>	<i>4,025</i>

Funding source	Program	Program year	Residential (kWh)	GS < 50kW (kWh)	GS 50-4,999kW (kW-mo) ²
Third Tranche	BHI lighting retrofit	2005			719
		2006			108
	Home developers program	2007		68,213	100
	Municipal building retrofit	2006		176,057	782
		2007	85,374		
	Municipal new construction	2006		177,456	
	Public education and outreach	2005	308,412		
		2007	31,045		
	Staff development program	2007	10,090		
	<i>Third tranche net savings by rate class</i>			434,921	421,726
<i>Total net savings per rate class</i>			14,731,303	10,082,147	8,375
<i>Total net savings</i>			24,813,450		8,375

1. Energy savings for the 2009 OPA programs are preliminary. They will be updated when final program results become available.
2. Rates for the general service rate class of customers rated at greater than 50kW are on a monthly demand basis (kW), not an energy one (kWh). Lost revenue results when the customer's monthly peak demand is lower than it otherwise would be as a result of the CDM initiatives. These are measured in kW-month, which is the reduction within one month of the peak kilowatt demand. (So a 2 kW-month reduction could be realized by reducing the peak demand in the month by 1 kW for two months, or by 2 kW for one month.) Excluded are peak demand reductions associated with demand response programs which are not anticipated to impact on revenues.
3. The EKC program in 2006 and 2007 was a partnership with the OPA. BHI's financial contribution was funded through its post third-tranche allocation.

Table 3 – Cumulative gross program energy savings and peak demand savings by rate class within the LRAM claim period¹

Funding source	Program	Program year	Residential (kWh)	GS < 50kW (kWh)	GS 50-4,999kW (kW-mo)	
OPA	Cool Savings Rebate	2006	178,342			
		2007	991,163			
		2008	690,957			
		2009	1,735,050			
	EKC - Power Savings Event	2008	5,030,243			
		2009	1,330,836			
	Electricity Retrofit Incentive Program (ERIP)	2007			20,241	623
		2008			66,628	135
		2009			106,276	4,046
	High performance new construction	2008			5,212	
		2009			361,852	
	peaksaver®	2008	50,689			
		2009	48,025			
	Power Savings Blitz	2008			411,384	

Funding source	Program	Program year	Residential (kWh)	GS < 50kW (kWh)	GS 50-4,999kW (kW-mo)
		2009		8,988,208	
	RESOP	2007		7,753	
	Secondary fridge retirement pilot	2006	106,430		
	Social housing	2007	205,238		
	Summer Savings/Sweepstakes	2007			
		2008			
	The Great Refrigerator Roundup	2007	540,186		
		2008	1,171,891		
		2009	1,599,199		
<i>OPA gross savings by rate class</i>			<i>13,678,250</i>	<i>9,967,553</i>	<i>4,804</i>
Post-third Tranche	EKC	2006	5,629,585		
		2007	3,177,779		
	General service lighting	2006		409,102	3,243
		2007		189,405	1,672
	Multi-unit residential lighting retrofit	2006		138,560	215
		2007			621
<i>Post-third tranche gross savings by rate class</i>			<i>8,807,364</i>	<i>737,066</i>	<i>5,750</i>
Third Tranche	BHI lighting retrofit	2005			719
		2006			108
	Home developers program	2007		97,447	143
	Municipal building retrofit	2006		176,057	782
		2007	121,963		
	Municipal new construction	2006		177,456	
	Public education and outreach	2005	440,589		
		2007	44,350		
	Staff development program	2007	14,414		
<i>Third tranche gross savings by rate class</i>			<i>621,315</i>	<i>450,960</i>	<i>1,753</i>
<i>Total gross savings per rate class</i>			<i>23,106,929</i>	<i>11,155,579</i>	<i>12,307</i>
<i>Total gross savings</i>			<i>34,262,508</i>		<i>12,307</i>

1. Energy savings for the 2009 OPA programs are preliminary. They will be updated when final program results become available.

Table 4 – Distribution rates per rate class

Rate Class	Units	2009	2010
Residential	\$/kWh	0.0159	0.0166
GS < 50kW	\$/kWh	0.0147	0.0136
GS 50-4,999kW	\$/kW/month	2.5994	2.8286

Table 5 – Summary of requested LRAM amounts in 2011\$

Funding	Program	Year	Residential	GS < 50kW	GS 50-4,999kW	2-year LRAM
OPA	Cool Savings Rebate	2006	\$2,616	\$0	\$0	\$2,616
		2007	\$8,486	\$0	\$0	\$8,486
		2008	\$6,039	\$0	\$0	\$6,039
		2009	\$16,598	\$0	\$0	\$16,598
	EKC - Power Savings Event	2008	\$33,077	\$0	\$0	\$33,077
		2009	\$14,356	\$0	\$0	\$14,356
	Electricity Retrofit Incentive Program (ERIP)	2007	\$0	\$298	\$1,673	\$1,971
		2008	\$0	\$980	\$363	\$1,344
		2009	\$0	\$713	\$5,175	\$5,888
	High performance new construction	2008	\$0	\$77	\$0	\$77
		2009	\$0	\$3,633	\$0	\$3,633
	peaksaver®	2008	\$744	\$0	\$0	\$744
		2009	\$712	\$0	\$0	\$712
	Power Savings Blitz	2008	\$0	\$5,632	\$0	\$5,632
		2009	\$0	\$119,899	\$0	\$119,899
	Renewable Energy Standard Offer Program (RESOP)	2007	\$0	\$114	\$0	\$114
	Secondary fridge retirement pilot	2006	\$1,561	\$0	\$0	\$1,561
	Social housing	2007	\$3,345	\$0	\$0	\$3,345
	Summer Savings/Sweepstakes	2007	\$0	\$0	\$0	\$0
		2008	\$0	\$0	\$0	\$0
	The Great Refrigerator Roundup	2007	\$3,538	\$0	\$0	\$3,538
		2008	\$10,368	\$0	\$0	\$10,368
		2009	\$12,777	\$0	\$0	\$12,777
<i>OPA total</i>			<i>\$114,217</i>	<i>\$131,346</i>	<i>\$7,212</i>	<i>\$252,775</i>
Post-third Tranche	EKC	2006	\$82,041	\$0	\$0	\$82,041
		2007	\$36,666	\$0	\$0	\$36,666
	General service lighting	2006	\$0	\$4,214	\$6,101	\$10,315
		2007	\$0	\$1,951	\$3,145	\$5,096
	Multi-unit residential lighting retrofit	2006	\$0	\$1,427	\$404	\$1,831
		2007	\$0	\$0	\$1,168	\$1,168
<i>Post-third tranche total</i>			<i>\$118,707</i>	<i>\$7,592</i>	<i>\$10,818</i>	<i>\$137,117</i>
Third Tranche	BHI lighting retrofit	2005	\$0	\$0	\$1,933	\$1,933
		2006	\$0	\$0	\$291	\$291
	Home developers program	2007	\$0	\$1,015	\$267	\$1,283
	Municipal building retrofit	2006	\$0	\$2,591	\$2,103	\$4,693
		2007	\$1,391	\$0	\$0	\$1,391
	Municipal new construction	2006	\$0	\$2,611	\$0	\$2,611
	Public education and outreach	2005	\$5,025	\$0	\$0	\$5,025
		2007	\$506	\$0	\$0	\$506
	Staff development program	2007	\$164	\$0	\$0	\$164

Funding	Program	Year	Residential	GS < 50kW	GS 50-4,999kW	2-year LRAM
<i>Third tranche total</i>			\$7,087	\$6,217	\$4,594	\$17,899
<i>Total</i>			\$240,011	\$145,155	\$22,624	\$407,790

Findings

The twelve third tranche programs and three post-third tranche programs in BHI's CDM portfolio were completed as of December 31, 2007. Although the OEB guidance for this report asks for comments on future program evaluation and improvements to program performance, this expectation is not relevant for these programs that have ended and are not expected to be reinitiated.

IndEco has reviewed the input values and custom project justifications used to calculate the energy savings resulting from BHI's portfolio as well as those associated with 2006, 2007, 2008 and 2009 OPA-funded programs.

IndEco has concluded that sufficient detail and documentation exists to recommend increasing Burlington Hydro Inc.'s distribution rates in order to collect \$407,790 in LRAM, allocated by rate class as shown in Table 6.

Table 6 – LRAM amounts by rate class in 2011\$¹

Rate class	LRAM
Residential	\$240,011
GS < 50kW	\$145,155
GS 50-4,999kW	\$22,624
Unmetered Scattered Load	\$0
Street Lighting	\$0
Total	\$407,790

1. LRAM claims for 2009 OPA programs are based on preliminary energy savings results. They will be updated when final program results become available.

References

- Burlington Hydro Inc. 2006. Conservation and Demand Management Plan: Annual Report to December 31, 2005. RP-2004-0203/EB-2004-0525.
- Burlington Hydro Inc. 2007. Conservation and Demand Management Plan: Annual Report to December 31, 2006. RP- 2004-0203.
- Burlington Hydro Inc. 2008. Conservation and Demand Management Plan: Annual Report to December 31, 2007. RP-2004-0203.
- Burlington Hydro Inc. 2009. Conservation and Demand Management Plan: Annual Report to December 31, 2008. RP-2004-0203.
- Ontario Energy Board. (OEB) 2007. Report of the Board on the Regulatory Framework for Conservation and Demand Management by Ontario Electricity Distributors in 2007 and Beyond. (March 2)
- Ontario Energy Board. (OEB) 2008. Guidelines for Electricity Distributor Conservation and Demand Management.
- Ontario Power Authority. (OPA) 2009. 2006-8 OPA Conservation Program Results – Burlington Hydro Inc. E-mail from Raegan Bunker (OPA) dated 10 November.
- Ontario Power Authority. (OPA) 2010a. 2010 prescriptive measures and assumptions. Toronto: OPA Release 1 - January 2010. Source:
<http://www.powerauthority.on.ca/Page.asp?PageID=924&SiteNodeID=483>
- Ontario Power Authority. (OPA) 2010b. 2010 quasi-prescriptive measures and assumptions. Toronto: OPA Release 1 - January 2010 From:
<http://www.powerauthority.on.ca/Page.asp?PageID=924&SiteNodeID=483>
- Ontario Power Authority. (OPA) 2010c. 2006-8 Final + 2009 Preliminary OPA CDM Results Burlington Hydro Inc. E-mail from J. Yue (OPA) dated 13 August
- Seeline Group Inc. (SeeLine) 2006. Total resource cost test assessment of the 'Lighten your Electricity Bill' program.

Appendix A. Inputs used for energy savings calculations

Table 7 – LRAM inputs and contribution to the total LRAM for all residential rate class measures.

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2006 EKC	Energy Star® Compact Fluorescent Light Bulb	18,328	4.00	10%	104.4	\$27,852	OPA 2009
2006 EKC	Electric Timers	514	20.00	10%	183.0	\$1,724	OPA 2009
2006 EKC	Programmable Thermostats	224	15.00	10%	216.0	\$885	OPA 2009
2006 EKC	Energy Star® Ceiling Fans	170	20.00	10%	141.0	\$440	OPA 2009
2006 EKC	Energy Star® Compact Fluorescent Light Bulb	27,176	4.00	10%	104.4	\$41,296	OPA 2009
2006 EKC	Seasonal Light Emitting Diode Light String	6,541	30.00	10%	30.8	\$3,688	OPA 2009
2006 EKC	Programmable Thermostats	431	18.00	10%	522.1	\$4,128	OPA 2009
2006 EKC	Dimmers	341	10.00	10%	139.0	\$869	OPA 2009
2006 EKC	Indoor Motion Sensors	122	20.00	10%	209.0	\$469	OPA 2009
2006 EKC	Programmable Baseboard Thermostats	26	18.00	10%	1,466.3	\$690	OPA 2009
2007 EKC	15 W CFL	32,784	8.00	22%	43.0	\$22,401	OPA 2009
2007 EKC	20 W+ CFLs	5,337	8.00	22%	62.1	\$5,266	OPA 2009
2007 EKC	Project Porchlight CFLs	6,899	8.00	24%	43.0	\$4,593	OPA 2009
2007 EKC	Energy Star Ceiling Fan	264	10.00	45%	89.8	\$266	OPA 2009
2007 EKC	Furnace Filter	1,066	1.00	45%	37.7	\$0	OPA 2009
2007 EKC	Solar Lights	4,209	5.00	87%	32.8	\$366	OPA 2009
2007 EKC	Outdoor Motion Sensor	421	10.00	45%	159.8	\$754	OPA 2009
2007 EKC	Dimmer Switch	268	10.00	45%	23.7	\$71	OPA 2009
2007 EKC	Energy Star Light Fixtures	127	16.00	45%	122.9	\$175	OPA 2009
2007 EKC	SLEDs	8,686	5.00	51%	13.7	\$1,188	OPA 2009
2007 EKC	T8	250	18.00	23%	37.2	\$146	OPA 2009

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2007 EKC	Programmable Thermostat	257	15.00	45%	75.1	\$216	OPA 2009
2007 EKC	Power Bar with Timer	116	10.00	23%	72.4	\$132	OPA 2009
2007 EKC	Lighting Control Devices	1,349	10.00	45%	72.2	\$1,091	OPA 2009
2007 EKC	13W CFL	8,000	2.00	30%	43.0	\$0	OPA 2009
2007 Municipal building retrofit	15W CFL	2,200	8.00	30%	44.4	\$1,391	OPA 2010a
2007 Public education and outreach	13W CFL	800	8.00	30%	44.4	\$506	OPA 2010a
2007 Staff development program	15W CFL	260	8.00	30%	44.4	\$164	OPA 2010a
2005 Public education and outreach	15W CFL	3,159	8.00	30%	44.4	\$1,998	OPA 2010a
2005 Public education and outreach	LED Christmas lights	659	5.00	30%	13.5	\$101	OPA 2010a
2005 Public education and outreach	LED Christmas lights	658	5.00	30%	4.8	\$36	OPA 2010a
2005 Public education and outreach	Programmable thermostat - Space Heating, Existing Single Family Detached	67	11.00	30%	2,151.0	\$2,055	OPA 2010a
2005 Public education and outreach	Programmable thermostat - Space Cooling, Existing Single Family Detached	175	11.00	30%	203.0	\$507	OPA 2010a
2005 Public education and outreach	Timer - Outdoor - Light	120	10.00	30%	68.1	\$117	OPA 2010a
2005 Public education and outreach	Timer - Indoor - Light	36	10.00	30%	64.0	\$33	OPA 2010a
2005 Public education and outreach	Timer - Indoor - Air conditioners	36	20.00	30%	97.9	\$50	SeeLine 2006
2005 Public education and outreach	Ceiling Fan	74	10.00	30%	122.6	\$129	OPA 2010a
2008 EKC - Power Savings Event	Air Conditioner/Furnace Filters	536	1.00	65%	37.7	\$0	OPA 2009
2008 EKC - Power Savings Event	Energy Star® Qualified Compact Fluorescent Floods (Indoor & Outdoor)	5,819	7.00	63%	87.6	\$3,892	OPA 2009
2008 EKC - Power Savings Event	Energy Star® Qualified Light Fixtures	9,030	16.00	67%	133.5	\$8,195	OPA 2009
2008 EKC - Power Savings Event	Heavy Duty Timers	204	10.00	67%	301.2	\$417	OPA 2009

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2008 EKC - Power Savings Event	T8 Fluorescent Fixtures	1,643	16.00	67%	37.2	\$409	OPA 2009
2008 EKC - Power Savings Event	ENERGY STAR Decorative CFLs	20,958	4.00	61%	30.4	\$5,002	OPA 2009
2008 EKC - Power Savings Event	ENERGY STAR Dimmable CFLs	1,351	6.00	62%	97.8	\$1,014	OPA 2009
2008 EKC - Power Savings Event	Power Bars with Timers	97	10.00	59%	53.3	\$43	OPA 2009
2008 EKC - Power Savings Event	Programmable Thermostats - Baseboard	570	15.00	53%	63.7	\$344	OPA 2009
2008 EKC - Power Savings Event	Car block heater timer	0	0.00	100%	0.0	\$0	OPA 2009
2008 EKC - Power Savings Event	Energy Star® Qualified Compact Fluorescent Light Bulbs	12,406	8.00	48%	53.0	\$6,994	OPA 2009
2008 EKC - Power Savings Event	Lighting Control Devices	1,766	10.00	55%	102.2	\$1,669	OPA 2009
2008 EKC - Power Savings Event	Awnings	390	0.00	100%	0.0	\$0	OPA 2009
2008 EKC - Power Savings Event	Window Films	6,284	0.00	100%	0.0	\$0	OPA 2009
2008 EKC - Power Savings Event	Electric Water Heater Blankets	193	0.00	100%	0.0	\$0	OPA 2009
2008 EKC - Power Savings Event	Pipe Wrap	11,573	6.00	53%	38.0	\$4,195	OPA 2009
2008 EKC - Power Savings Event	Low-Flow Toilets	1,514	0.00	100%	0.0	\$0	OPA 2009
2008 EKC - Power Savings Event	Keep Cool – Dehumidifier	4	12.00	65%	499.8	\$13	OPA 2009
2008 EKC - Power Savings Event	Keep Cool – Room Air Conditioner	4	9.00	58%	140.7	\$5	OPA 2009
2008 EKC - Power Savings Event	Rewards for Recycling – Dehumidifier	108	12.00	56%	499.8	\$486	OPA 2009
2008 EKC - Power Savings Event	Rewards for Recycling – Room Air Conditioner	117	9.00	56%	140.7	\$148	OPA 2009
2008 EKC - Power Savings Event	Rewards for Recycling - Halogen Lamp	93	16.00	52%	275.2	\$252	OPA 2009
2006 Cool Savings Rebate	Energy Star® Air Conditioner	197	14.00	10%	351.0	\$1,269	OPA 2009
2006 Cool Savings Rebate	Programmable Thermostats	150	18.00	10%	159.0	\$438	OPA 2009
2006 Cool Savings Rebate	Air Conditioner Tune-Up	134	8.00	10%	369.0	\$910	OPA 2009
2007 Cool Savings Rebate	ENERGY STAR® Central Air Conditioner	458	18.00	43%	152.2	\$812	OPA 2009
2007 Cool Savings Rebate	Programmable Thermostat	648	15.00	73%	54.6	\$198	OPA 2009
2007 Cool Savings Rebate	Furnace with Electronically Commutated Motor	717	15.00	41%	831.9	\$7,185	OPA 2009
2007 Cool Savings Rebate	Central Air Conditioning Tune Up	387	5.00	84%	235.5	\$292	OPA 2009

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2008 Cool Savings Rebate	2007 Efficient Furnance with Electronically Commutable Motor	127	15.00	46%	836.7	\$1,174	OPA 2009
2008 Cool Savings Rebate	2007 ENERGYSTAR® Central Air Conditioner	61	18.00	48%	155.3	\$100	OPA 2009
2008 Cool Savings Rebate	2007 Programable Thermostat	99	15.00	54%	53.7	\$50	OPA 2009
2008 Cool Savings Rebate	2007 Central Air Conditioner Tune-ups	0	5.00	84%	0.0	\$0	OPA 2009
2008 Cool Savings Rebate	2008 Efficient Furnance with Electronically Commutable Motor	455	18.00	46%	819.2	\$4,119	OPA 2009
2008 Cool Savings Rebate	2008 ENERGYSTAR® Central Air Conditioner	302	18.00	48%	125.3	\$401	OPA 2009
2008 Cool Savings Rebate	2008 Programable Thermostat	387	18.00	54%	53.7	\$195	OPA 2009
2007 Social housing	Custom Retrofit Projects	134	10.00	0%	1,229.3	\$3,345	OPA 2009
2007 The Great Refrigerator Roundup	Refrigerator	475	9.00	61%	744.7	\$2,824	OPA 2009
2007 The Great Refrigerator Roundup	Freezer	141	8.00	54%	515.4	\$676	OPA 2009
2007 The Great Refrigerator Roundup	Small Refrigerator	7	9.00	70%	490.0	\$21	OPA 2009
2007 The Great Refrigerator Roundup	Small Freezer	4	8.00	70%	338.5	\$8	OPA 2009
2007 The Great Refrigerator Roundup	Window Air Conditioner	4	5.00	57%	240.2	\$8	OPA 2009
2008 The Great Refrigerator Roundup	Refrigerator	927	9.00	45%	775.0	\$8,050	OPA 2009
2008 The Great Refrigerator Roundup	Freezer	295	8.00	48%	740.0	\$2,313	OPA 2009
2008 The Great Refrigerator Roundup	Room Air Conditioner	4	4.50	64%	197.0	\$6	OPA 2009
2007 Summer Savings/Sweepstakes	Household	22,807	2.00	88%	786.7	\$0	OPA 2009
2006 Secondary fridge retirement pilot	Refrigerator Retirement	69	6.00	10%	1,200.0	\$1,512	OPA 2009
2006 Secondary fridge retirement pilot	Freezer Retirement	3	6.00	10%	900.0	\$49	OPA 2009

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2008 High performance new construction	Custom New Construction Project	1	15.00	0%	4,169.7	\$0	OPA 2009
2008 Summer Savings/Sweepstakes	Households	298	1.00	22%	768.2	\$0	OPA 2009
2008 peaksaver®	Residential Programmable Thermostat	2,344	13.00	10%	17.3	\$744	OPA 2009
2009 The Great Refrigerator Roundup	Bottom Freezer Fridge	6	9.00	52%	857.9	\$82	OPA 2010c
2009 The Great Refrigerator Roundup	Chest Freezer	236	8.00	50%	500.9	\$1,950	OPA 2010c
2009 The Great Refrigerator Roundup	Side by Side Fridge-Freezer	85	9.00	52%	857.9	\$1,158	OPA 2010c
2009 The Great Refrigerator Roundup	Single Door Fridge	76	9.00	52%	857.9	\$1,035	OPA 2010c
2009 The Great Refrigerator Roundup	Small Freezer (under 10 cubic feet)	0	8.00	50%	0.0	\$0	OPA 2010c
2009 The Great Refrigerator Roundup	Small Fridge (under 10 cubic feet)	0	9.00	52%	0.0	\$0	OPA 2010c
2009 The Great Refrigerator Roundup	Top Freezer Fridge	592	9.00	52%	857.9	\$8,062	OPA 2010c
2009 The Great Refrigerator Roundup	Upright Freezer	53	8.00	50%	500.9	\$438	OPA 2010c
2009 The Great Refrigerator Roundup	Window Air Conditioner	5	4.50	57%	265.6	\$19	OPA 2010c
2009 The Great Refrigerator Roundup	Dehumidifier	9	4.50	57%	265.6	\$34	OPA 2010c
2009 Cool Savings Rebate	Energy Star® Central Air Conditioner, Tier 2	136	18.00	43%	195.9	\$500	OPA 2010c
2009 Cool Savings Rebate	Energy Star® Central Air Conditioner, Tier 1	349	18.00	43%	195.9	\$1,286	OPA 2010c
2009 Cool Savings Rebate	Efficient Furnace with ECM	887	15.00	41%	846.7	\$14,613	OPA 2010c
2009 Cool Savings Rebate	Programmable Thermostat	619	15.00	73%	35.4	\$198	OPA 2010c
2009 EKC - Power Savings Event	Standard CFL (single pack)	411	8.00	24%	53.0	\$545	OPA 2010c
2009 EKC - Power Savings Event	Standard CFL (multi (6) pack)	950	8.00	24%	258.1	\$6,135	OPA 2010c
2009 EKC - Power Savings Event	Energy Star Specialty CFL	2,585	6.00	24%	63.1	\$4,083	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2009 EKC - Power Savings Event	Energy Star Light Fixtures	278	16.00	45%	122.9	\$618	OPA 2010c
2009 EKC - Power Savings Event	Energy Star Hard-Wired Indoor Light Fixtures	301	16.00	45%	122.9	\$670	OPA 2010c
2009 EKC - Power Savings Event	Energy Star Ceiling Fans	122	10.00	45%	89.8	\$199	OPA 2010c
2009 EKC - Power Savings Event	Weather Stripping (packages)	279	2.00	30%	2.0	\$13	OPA 2010c
2009 EKC - Power Savings Event	Weather Stripping (door kits)	182	2.00	64%	2.0	\$4	OPA 2010c
2009 EKC - Power Savings Event	Pipe Wrap – Purchase of 3	202	6.00	64%	38.0	\$91	OPA 2010c
2009 EKC - Power Savings Event	Water Heater Blanket	36	6.00	64%	270.0	\$114	OPA 2010c
2009 EKC - Power Savings Event	Window Film	34	10.00	64%	45.0	\$18	OPA 2010c
2009 EKC - Power Savings Event	Lighting and Appliance Controls – Unspecified	0	10.00	64%	0.0	\$0	OPA 2010c
2009 EKC - Power Savings Event	Lighting and Appliance Controls – Power Bar with Integrated Timer	59	10.00	64%	72.4	\$51	OPA 2010c
2009 EKC - Power Savings Event	Lighting and Appliance Controls – Hard Wired Indoor Timer	34	10.00	64%	219.0	\$89	OPA 2010c
2009 EKC - Power Savings Event	Lighting and Appliance Controls – Hard Wired Motion Sensor	77	10.00	64%	64.0	\$59	OPA 2010c
2009 EKC - Power Savings Event	Lighting and Appliance Controls – Heavy Duty Outdoor Timer includes Pool Timers	88	10.00	64%	511.0	\$535	OPA 2010c
2009 EKC - Power Savings Event	Programmable Thermostat (single pack)	61	15.00	45%	75.1	\$83	OPA 2010c
2009 EKC - Power Savings Event	Programmable Thermostat (multi (3) pack)	20	15.00	45%	225.3	\$80	OPA 2010c
2009 EKC - Power Savings Event	Clothes Line Kit or Cloths Line Umbrella Stand	115	10.00	50%	226.0	\$426	OPA 2010c
2009 EKC - Power Savings Event	Energy Star Dehumidifier Recycling	68	12.00	56%	341.6	\$338	OPA 2010c
2009 EKC - Power Savings Event	Energy Star Room Air Conditioner Recycling	70	9.00	56%	96.4	\$98	OPA 2010c
2009 EKC - Power Savings Event	Halogen Floor Lamp Recycling	30	6.00	52%	224.7	\$106	OPA 2010c
2009 peaksaver®	Residential Air Conditioner - Switch	0	13.00	10%	0.0	\$0	OPA 2010c
2009 peaksaver®	Residential Air Conditioner - Thermostat	1,388	13.00	10%	0.0	\$712	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Contribution to LRAM (2011\$)	Assumption Source
2009 peaksaver®	Residential Electric Water Heater	0	13.00	10%	0.0	\$0	OPA 2010c
2009 peaksaver®	Commercial Air Conditioner - Switch	0	13.00	10%	0.0	\$0	OPA 2010c
2009 peaksaver®	Commercial Air Conditioner - Thermostat	0	13.00	10%	0.0	\$0	OPA 2010c
2009 peaksaver®	Commercial Electric Water Heater	0	13.00	10%	0.0	\$0	OPA 2010c
Total						\$240,011	

Table 8 – LRAM inputs and contribution to total LRAM for all GS < 50 kW rate class measures.

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 Municipal new construction	Halogen (20W)	9	10.00	0%	481.8	0.055	\$80	Prog evaluation
2006 Municipal new construction	PH Metal Halide (945W)	8	10.00	0%	1,182.6	0.135	\$174	Prog evaluation
2006 Municipal new construction	PH Metal Halide (450W)	4	10.00	0%	87.6	0.010	\$6	Prog evaluation
2006 Municipal new construction	PH Metal Halide (185W)	22	10.00	0%	963.6	0.110	\$390	Prog evaluation
2006 Municipal new construction	1lamp T8 (30W)	19	10.00	0%	148.9	0.017	\$52	Prog evaluation
2006 Municipal new construction	1lamp T8-3' (25W)	8	10.00	0%	113.9	0.013	\$17	Prog evaluation
2006 Municipal new construction	1lamp T8-2' (19W)	3	10.00	0%	87.6	0.010	\$5	Prog evaluation
2006 Municipal new construction	2lamp T8-3' (52W)	10	10.00	0%	210.2	0.024	\$39	Prog evaluation
2006 Municipal new construction	2lamp T8 4' (62W)	338	10.00	0%	140.2	0.016	\$871	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 Municipal new construction	2lamp T8 4' (59W)	103	10.00	0%	166.4	0.019	\$315	Prog evaluation
2006 Municipal new construction	1lamp T8-4' (40W)	4	10.00	0%	61.3	0.007	\$5	Prog evaluation
2006 Municipal new construction	3lamp T8-4' (83W)	15	10.00	0%	394.2	0.045	\$109	Prog evaluation
2006 Municipal new construction	2lamp T8 4' (64W)	46	10.00	0%	122.6	0.014	\$104	Prog evaluation
2006 Municipal new construction	2lamp T8 2' (19W)	3	10.00	0%	87.6	0.010	\$5	Prog evaluation
2006 Municipal new construction	12W CF EXIT Sign	34	10.00	0%	157.7	0.018	\$99	Prog evaluation
2006 Municipal new construction	26W CFL	3	1.00	0%	648.2	0.074	\$0	Prog evaluation
2006 Municipal new construction	42W CFL	39	1.00	0%	946.1	0.108	\$0	Prog evaluation
2006 Municipal new construction	94W Metal Halide	20	10.00	0%	928.6	0.106	\$342	Prog evaluation
2006 Municipal new construction	56W Screw-in CFL	13	1.00	0%	1,261.4	0.144	\$0	Prog evaluation
2006 Municipal new construction	91W Screw-in CFL	50	1.00	0%	1,830.8	0.209	\$0	Prog evaluation
2006 Municipal new construction	94W Screw-in CFL	7	1.00	0%	1,804.6	0.206	\$0	Prog evaluation
2006 Municipal building retrofit	26W CFL fixture w/EM ballast	12	10.00	0%	324.1	0.074	\$24	Prog evaluation
2006 Municipal building retrofit	3W LED EXIT Sign	101	15.10	0%	236.5	0.027	\$145	Prog evaluation
2006 Municipal building retrofit	2lamp T8 32W (58W)	333	10.00	0%	52.0	0.020	\$105	Prog evaluation
2006 Municipal building retrofit	2lamp T8 32W (73-78W)	6	10.00	0%	241.5	0.083	\$9	Prog evaluation
2006 Municipal building retrofit	4lamp T8 32W (112W)	36	10.00	0%	249.6	0.120	\$55	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 Municipal building retrofit	6lamp T8 32W (202-226W)	89	10.00	0%	1,073.3	0.258	\$580	Prog evaluation
2006 Municipal building retrofit	15W Traffic Light	52	7.00	0%	1,182.6	0.135	\$373	Prog evaluation
2006 Municipal building retrofit	7.5W Pedestrian Light	48	7.00	0%	810.3	0.093	\$236	Prog evaluation
2006 Municipal building retrofit	65W Metal Halide	2	10.00	0%	372.3	0.085	\$5	Prog evaluation
2006 Municipal building retrofit	65W Metal Halide	1	10.00	0%	481.8	0.110	\$3	Prog evaluation
2006 Municipal building retrofit	28W Screw-in CFL	1	10.00	0%	534.4	0.122	\$3	Prog evaluation
2006 Municipal building retrofit	1lamp T8 (30W)	18	10.00	0%	52.0	0.020	\$6	Prog evaluation
2006 Municipal building retrofit	2lamp T8-2' (50W)	10	10.00	0%	52.0	0.020	\$3	Prog evaluation
2006 Municipal building retrofit	2lamp T8 4' (59W)	13	10.00	0%	96.2	0.037	\$8	Prog evaluation
2006 Municipal building retrofit	3lamp T8-4' (87W)	20	10.00	0%	302.2	0.069	\$37	Prog evaluation
2006 Municipal building retrofit	2lamp T8 4' (59W)	9	10.00	0%	85.3	0.041	\$5	Prog evaluation
2006 Municipal building retrofit	10lamp T5-HO (fixture input 562W)	48	10.00	0%	3,392.9	0.518	\$989	Prog evaluation
2006 Municipal building retrofit	15W Screw-in CFL	2	1.00	0%	525.6	0.060	\$0	Prog evaluation
2006 Municipal building retrofit	65W Metal Halide	8	10.00	0%	153.3	0.035	\$7	Prog evaluation
2006 Municipal building retrofit	23 WScrew-in CLF	1	2.00	0%	337.3	0.077	\$0	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (51W)	29	10.00	30%	108.0	0.027	\$20	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (51W)	70	10.00	30%	236.5	0.027	\$107	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (58-59W)	2	10.00	30%	71.3	0.098	\$1	Prog evaluation
2006 Multi-unit residential lighting retrofit	4lamp T8 32W (112W)	93	10.00	30%	1,051.2	0.120	\$629	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8 (30W)	113	10.00	30%	68.0	0.017	\$49	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8 (30W)	218	10.00	30%	148.9	0.017	\$209	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (51W)	128	10.00	30%	403.0	0.046	\$332	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8-3' (24W)	214	10.00	30%	52.0	0.013	\$72	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8-2' (14W)	24	10.00	30%	52.0	0.013	\$8	Prog evaluation
2006 Multi-unit residential lighting retrofit	13W Screw-in CFL	1,901	2.00	30%	188.0	0.047	\$0	Prog evaluation
2006 General service lighting	2 - T8 32W (58 W) reflectorized w/E	88	10.00	30%	392.0	0.098	\$111	Prog evaluation
2006 General service lighting	3W LED EXIT Sign	238	10.00	30%	236.5	0.027	\$181	Prog evaluation
2006 General service lighting	2lamp T8 32W (51W)	1,030	10.00	30%	108.0	0.027	\$358	Prog evaluation
2006 General service lighting	2lamp T8 32W (58-59W)	548	10.00	30%	392.0	0.098	\$691	Prog evaluation
2006 General service lighting	2lamp T8 32W (73-78W)	1,151	10.00	30%	332.0	0.083	\$1,230	Prog evaluation
2006 General service lighting	2lamp T8 32W (73-78W)	12	10.00	30%	240.0	0.060	\$9	Prog evaluation
2006 General service lighting	4lamp T8 32W (112W)	24	10.00	30%	480.0	0.120	\$37	Prog evaluation
2006 General service lighting	6lamp T8 32W (174W)	57	10.00	30%	1,144.0	0.286	\$210	Prog evaluation
2006 General service lighting	6lamp T8 32W (202-226W)	86	10.00	30%	1,032.0	0.258	\$286	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 General service lighting	4lamp T5-HO 54W (232W)	58	10.00	30%	912.0	0.228	\$170	Prog evaluation
2006 General service lighting	6lamp T8 32W (174W)	37	10.00	30%	484.0	0.121	\$58	Prog evaluation
2006 General service lighting	2lamp T8 32W (73-78W)	11	10.00	30%	292.0	0.073	\$10	Prog evaluation
2006 General service lighting	1lamp T8 (30W)	118	10.00	30%	68.0	0.017	\$26	Prog evaluation
2006 General service lighting	1lamp T8 (30W)	70	10.00	30%	148.9	0.017	\$34	Prog evaluation
2006 General service lighting	1lamp T8 (24W)	204	10.00	30%	87.6	0.010	\$58	Prog evaluation
2006 General service lighting	2lamp T8-3' (40W)	113	10.00	30%	108.0	0.027	\$39	Prog evaluation
2006 General service lighting	4lamp T8 (100W)	25	10.00	30%	224.0	0.056	\$18	Prog evaluation
2006 General service lighting	4lamp T8 (100W)	27	10.00	30%	429.2	0.049	\$37	Prog evaluation
2006 General service lighting	4lamp T8 (102W)	118	10.00	30%	1,138.8	0.130	\$433	Prog evaluation
2006 General service lighting	1lamp T8-2' (14W)	210	10.00	30%	113.9	0.013	\$77	Prog evaluation
2006 General service lighting	2lamp T8-2' (30W)	113	10.00	30%	96.0	0.024	\$35	Prog evaluation
2006 General service lighting	2lamp T8-2' (32W)	29	10.00	30%	403.0	0.046	\$38	Prog evaluation
2006 General service lighting	2lamp T8-4' (78W)	40	10.00	30%	(35.0)	(0.004)	(\$5)	Prog evaluation
2006 General service lighting	2lamp T8 4' (59W)	38	10.00	30%	595.7	0.068	\$73	Prog evaluation
2006 General service lighting	7W Screw-in CFL	232	1.50	30%	132.0	0.033	\$0	Prog evaluation
2006 General service lighting	9W Screw-in CFL	315	1.50	30%	124.0	0.031	\$0	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 General service lighting	11W Screw-in CFL	30	2.00	30%	356.0	0.089	\$0	Prog evaluation
2006 General service lighting	13W Screw-in CFL	1,242	2.00	30%	188.0	0.047	\$0	Prog evaluation
2006 General service lighting	15W Screw-in CFL	23	1.50	30%	240.0	0.060	\$0	Prog evaluation
2006 General service lighting	65W Screw-in CFL	40	2.50	30%	1,740.0	0.435	\$0	Prog evaluation
2006 General service lighting	23 W Screw-in CLF	140	2.50	30%	308.0	0.077	\$0	Prog evaluation
2007 Home developers program	2lamp 4' T8 (46W)	171	2.74	30%	262.8	0.030	\$118	Prog evaluation
2007 Home developers program	2lamp 2' T8 (27W)	110	2.74	30%	184.0	0.021	\$53	Prog evaluation
2007 Home developers program	1lamp 2' T8 (15W)	44	2.74	30%	105.1	0.012	\$12	Prog evaluation
2007 Home developers program	2lamp 4' T8 (59W)	98	2.74	30%	595.7	0.068	\$153	Prog evaluation
2007 Home developers program	2lamp 4' T8 (74W)	7	2.74	30%	1,848.4	0.211	\$34	Prog evaluation
2007 Home developers program	Exit Sign LED=2.4W	71	25.11	30%	241.8	0.028	\$111	Prog evaluation
2007 Home developers program	Exit Sign LED=2.4W	64	25.11	30%	679.8	0.078	\$280	Prog evaluation
2007 Home developers program	13W CFL	4,329	2.00	30%	205.3	0.047	\$0	Prog evaluation
2007 Home developers program	14W CFL	54	2.00	30%	200.9	0.046	\$0	Prog evaluation
2007 Home developers program	9W CFL	669	2.00	30%	69.9	0.016	\$0	Prog evaluation
2007 Home developers program	7W CFL	934	2.00	30%	144.1	0.033	\$0	Prog evaluation
2007 Home developers program	23W CFL	20	2.00	30%	336.3	0.077	\$0	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2007 Home developers program	4lamp 4' T8 (112W)	83	2.74	30%	805.9	0.092	\$176	Prog evaluation
2007 Home developers program	4lamp 4' T8 (95W)	1	2.74	30%	79.4	0.109	\$0	Prog evaluation
2007 Home developers program	4lamp 4' T8 (98W)	1	2.74	30%	84.1	0.058	\$0	Prog evaluation
2007 Home developers program	2lamp 4' T8 (51W)	74	2.74	30%	236.5	0.027	\$46	Prog evaluation
2007 Home developers program	1lamp 4' T8 (28W)	25	2.74	30%	20.7	0.057	\$1	Prog evaluation
2007 Home developers program	1lamp 4' T8 (30W)	34	2.74	30%	78.8	0.009	\$7	Prog evaluation
2007 Home developers program	1lamp 3' T8 (22W)	60	2.74	30%	131.4	0.015	\$21	Prog evaluation
2007 Home developers program	9W CFL	16	8.00	30%	29.8	0.041	\$3	Prog evaluation
2007 Home developers program	13W CFL	1	8.00	30%	63.3	0.087	\$0	Prog evaluation
2007 General service lighting	8lamp T5	76	9.38	30%	3,577.6	0.559	\$595	Prog evaluation
2007 General service lighting	2lamp T5	32	9.38	30%	716.8	0.112	\$50	Prog evaluation
2007 General service lighting	4lamp T5	51	9.38	30%	4,204.8	0.657	\$469	Prog evaluation
2007 General service lighting	2lamp 4' T8	130	10.91	30%	561.0	0.102	\$160	Prog evaluation
2007 General service lighting	6lamp T8 High Bay	82	10.91	30%	1,541.8	0.176	\$277	Prog evaluation
2007 General service lighting	3lamp T8 EB Troffer	42	9.38	30%	556.3	0.064	\$51	Prog evaluation
2007 General service lighting	2lamp 4' T8 EB	22	9.38	30%	162.1	0.019	\$8	Prog evaluation
2007 General service lighting	6lamp 4' T8 (158W)	25	10.00	30%	1,678.6	0.269	\$92	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2007 General service lighting	6lamp 4' T8 (220W)	3	10.00	30%	1,291.7	0.207	\$8	Prog evaluation
2007 General service lighting	6lamp 4' T8 (158W)	60	10.00	30%	1,223.0	0.196	\$161	Prog evaluation
2007 General service lighting	Exit (2.4W)	14	25.10	30%	241.8	0.028	\$7	Prog evaluation
2007 General service lighting	Remove fixture 4lamp T8	6	5.00	30%	0.0	0.000	\$0	Prog evaluation
2007 General service lighting	Remove fixture 400W Metal Halide	1	5.00	30%	0.0	0.000	\$0	Prog evaluation
2007 General service lighting	2lamp 4' T8 (51W)	36	5.00	30%	78.6	0.027	\$6	Prog evaluation
2007 General service lighting	4lamp 4' T8 (112W)	27	5.00	30%	1,051.2	0.120	\$62	Prog evaluation
2007 General service lighting	Exit (2.4W)	8	25.10	30%	241.8	0.028	\$4	Prog evaluation
2007 Electricity Retrofit Incentive Program (ERIP)	Custom Retrofit Projects	1	5.00	0%	161,928.5	46.115	\$298	OPA 2009
2008 Electricity Retrofit Incentive Program (ERIP)	Custom Retrofit Projects	1	16.00	0%	533,021.5	10.012	\$980	OPA 2009
2007 Renewable Energy Standard Offer Program (RESOP)	Hydro	0	20.00	0%	0.0	0.000	\$0	OPA 2009
2007 Renewable Energy Standard Offer Program (RESOP)	Wind	0	20.00	0%	0.0	0.000	\$0	OPA 2009
2007 Renewable Energy Standard Offer Program (RESOP)	Solar Photo-Voltaic	1	20.00	0%	6,202.1	0.000	\$114	OPA 2009
2007 Renewable Energy Standard Offer Program (RESOP)	Bio-Energy	0	20.00	0%	0.0	0.000	\$0	OPA 2009
2008 High performance new construction	Custom New Construction Project	1	15.00	0%	4,169.7	0.000	\$77	OPA 2009

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2008 Summer Savings/Sweepstakes	Households	298	1.00	22%	768.2	0.000	\$0	OPA 2009
2008 peaksaver®	Residential Programmable Thermostat	2,344	13.00	10%	17.3	0.000	\$0	OPA 2009
2008 Power Savings Blitz	T8 Fixture With Electronic Ballast	2,024	15.00	7%	151.1	0.000	\$5,232	OPA 2009
2008 Power Savings Blitz	Energy Star® rated LED Exit Sign	61	16.00	7%	236.5	0.000	\$247	OPA 2009
2008 Power Savings Blitz	Energy Star® rated CLF	52	2.00	7%	190.9	0.000	\$138	OPA 2009
2008 Power Savings Blitz	Electric Water Heater Tank Wrap	2	7.00	7%	436.3	0.000	\$15	OPA 2009
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System Exit Signs, 5 W or less - Commercial Sector	40	20.00	42%	227.8	0.026	\$15	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System ENERGY STAR® Rated CFLs, Screw in. All sizes < 40 W - Commercial Sector	32	20.00	42%	101.1	0.044	\$5	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System High Performance T8	84	20.00	42%	67.3	0.030	\$9	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Quadruple lamp high performance T8 fixture	294	20.00	42%	120.8	0.053	\$59	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System Occupancy Sensors, Switch plate mounted occupancy sensor - Commercial Sector	4	20.00	42%	91.2	0.040	\$1	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System Occupancy Sensors, Ceiling mounted occupancy sensor - Commercial Sector	3	20.00	42%	91.2	0.040	\$0	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System ENERGY STAR® Rated Exit Signs - Commercial Sector	70	20.00	42%	227.8	0.026	\$27	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System Screw-In & GU-24 base CFLs - Commercial Sector	60	20.00	42%	184.0	0.046	\$18	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System 2 Pin CFLs, <14W - Commercial Sector	20	20.00	42%	220.0	0.055	\$7	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System Standard Performance T8, Double Lamp - Commercial Sector	25	20.00	42%	106.0	0.027	\$4	OPA 2010c
2009 Electricity Retrofit	2009 – Custom Project - Commercial Sector	2	20.00	42%	24,168.0	10.600	\$80	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
Incentive Program (ERIP)								
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System ENERGY STAR® Rated CFLs, Screw in. All sizes < 40 W - Multi-Family Sector	1,600	20.00	59%	139.7	0.044	\$263	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Custom Project - Multi-Family Sector	2	20.00	59%	63,498.0	27.850	\$149	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System Medium and High Bay T5, 6 Lamps - Industrial Sector	28	20.00	42%	936.0	0.156	\$44	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Unitary AC >11.25 & <= 20 tons - Industrial Sector	15	20.00	42%	408.1	0.179	\$10	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Custom Project - Industrial Sector	1	20.00	42%	12,084.0	5.300	\$20	OPA 2010c
2009 High performance new construction	Custom Project	1	20.00	30%	200,666.7	88.016	\$3,633	OPA 2010c
2009 Power Savings Blitz	1) From: 1 Lamp 8' -T12-75W-Magnetic Ballasts	15	14.70	7%	162.0	0.022	\$65	OPA 2010c
2009 Power Savings Blitz	3) From: 1 Lamp 8' -T12-75W-Magnetic Ballasts	15	14.70	7%	162.0	0.022	\$65	OPA 2010c
2009 Power Savings Blitz	4) From: 2 Lamps 8' -T12-75W-Magnetic Ballasts	12	14.70	7%	314.0	0.043	\$101	OPA 2010c
2009 Power Savings Blitz	5) From: 2 Lamps 8' -T12-75W-Magnetic Ballasts	1,377	14.70	7%	550.0	0.075	\$20,203	OPA 2010c
2009 Power Savings Blitz	6) From: 2 Lamps 8' -T12-60W-Magnetic Ballasts	185	14.70	7%	314.0	0.043	\$1,550	OPA 2010c
2009 Power Savings Blitz	9) From: 2 Lamps 4' -T12-40W-Magnetic Ballasts	84	14.70	7%	253.0	0.034	\$567	OPA 2010c
2009 Power Savings Blitz	10) From: 2 Lamps 4' -T12-40W-Magnetic Ballasts	1,874	14.70	7%	131.0	0.018	\$6,549	OPA 2010c
2009 Power Savings Blitz	13) From: 1 Lamp 4' -T12-34W-Magnetic Ballasts	7	14.70	7%	79.0	0.011	\$15	OPA 2010c
2009 Power Savings Blitz	15) From: 2 Lamps 4' -T12-34W-Magnetic Ballasts	76	14.70	7%	87.0	0.012	\$176	OPA 2010c
2009 Power Savings Blitz	16) From: 4 Lamps 4' -T12-34W-Magnetic Ballasts	3	14.70	7%	428.0	0.058	\$34	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2009 Power Savings Blitz	17) From: 4 Lamps 4' -T12-34W-Magnetic Ballasts	155	14.70	7%	192.0	0.026	\$794	OPA 2010c
2009 Power Savings Blitz	18) From: 2 Lamps U-Shaped 34-40W-Magnetic Ballasts	276	14.70	7%	105.0	0.014	\$773	OPA 2010c
2009 Power Savings Blitz	19) From: 2 Lamps U-Shaped 34-40W-Magnetic Ballasts	21	14.70	7%	214.0	0.029	\$120	OPA 2010c
2009 Power Savings Blitz	20) From: 2-15W Lamps Exit Sign - incandescent	3,636	16.00	7%	237.0	0.032	\$22,988	OPA 2010c
2009 Power Savings Blitz	21) From: 2-15W Lamps Exit Sign - incandescent	138	16.00	7%	237.0	0.032	\$872	OPA 2010c
2009 Power Savings Blitz	22) From: 40W Standard Incandescent (A Lamp)	8,843	2.30	7%	127.0	0.017	\$29,959	OPA 2010c
2009 Power Savings Blitz	23) From: 60W Standard Incandescent (A Lamp)	264	2.30	7%	205.0	0.028	\$1,444	OPA 2010c
2009 Power Savings Blitz	24) From: 100W Standard Incandescent (A Lamp)	3	2.30	7%	336.0	0.046	\$27	OPA 2010c
2009 Power Savings Blitz	25) From: 150W Standard Incandescent (A Lamp)	455	2.30	7%	533.0	0.072	\$6,469	OPA 2010c
2009 Power Savings Blitz	26) From: 60W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting	16	2.30	7%	197.0	0.027	\$84	OPA 2010c
2009 Power Savings Blitz	27) From: 75W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting	22	2.30	7%	249.0	0.034	\$146	OPA 2010c
2009 Power Savings Blitz	28) From: 100W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting	669	2.30	7%	323.0	0.044	\$5,764	OPA 2010c
2009 Power Savings Blitz	29) From: 40 - 60W standard incandescent PAR Lights - Track lighting or product highlighting	125	2.30	7%	197.0	0.027	\$657	OPA 2010c
2009 Power Savings Blitz	30) From: 40 - 60W standard halogen PAR Lights - Track lighting or product highlighting	1	0.60	7%	122.0	0.017	\$2	OPA 2010c
2009 Power Savings Blitz	31) From: 75W standard incandescent PAR Lights - Track lighting or product highlighting	147	2.30	7%	249.0	0.034	\$976	OPA 2010c
2009 Power Savings Blitz	32) From: 75W standard incandescent PAR	105	0.60	7%	109.0	0.015	\$159	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2009 Power Savings Blitz	Lights - Track lighting or product highlighting 33) From: 90 Watt Halogen PAR Lights - Track lighting or product highlighting	53	2.30	7%	271.0	0.037	\$383	OPA 2010c
2009 Power Savings Blitz	36) From: 100W standard incandescent or greater PAR Lights - Track lighting or product highlighting	102	0.60	7%	109.0	0.015	\$155	OPA 2010c
2009 Power Savings Blitz	38) From: No Insulation Jacket (12-40 Gal)	178	7.00	7%	154.0	0.017	\$731	OPA 2010c
2009 Power Savings Blitz	44) From: Contractor (Non-Classified Locations)	1	0.00	7%	0.0	0.000	\$0	OPA 2010c
2009 Power Savings Blitz	47) From: Contractor (Non-Classified Locations) - Minimum fee if the total fee for the application for inspection is less than \$71	21	0.00	7%	0.0	0.000	\$0	OPA 2010c
2009 Power Savings Blitz	48) From: 2 Lamps 8' -T12-75W-Magnetic Ballasts	1,326	14.70	7%	314.0	0.043	\$11,107	OPA 2010c
2009 Power Savings Blitz	49) From: 4 Lamps 8' -T12-75W-Magnetic Ballasts	37	14.70	7%	612.0	0.083	\$604	OPA 2010c
2009 Power Savings Blitz	53) From: 2 - 4' T12 High Output Lamps High Output T12-Magnetic Ballasts	7	14.70	7%	140.0	0.019	\$26	OPA 2010c
2009 Power Savings Blitz	58) From: 400W Metal Halide Metal Halide	31	14.70	7%	1,013.0	0.138	\$838	OPA 2010c
2009 Power Savings Blitz	59) From: 40W Standard Incandescent (A Lamp)	449	2.30	7%	127.0	0.017	\$1,521	OPA 2010c
2009 Power Savings Blitz	64) From: 100 - 150W Incandescent R Lamp Incandescent R Lamp on Dimmers	55	2.30	7%	441.0	0.060	\$647	OPA 2010c
2009 Power Savings Blitz	66) From: 4' T12 Tube Guard T12 Tube Guard	891	14.70	7%	0.0	0.000	\$0	OPA 2010c
2009 Power Savings Blitz	5) From: 2 Lamps 8' -T12-75W-Magnetic Ballasts	7	14.70	7%	780.0	0.106	\$146	OPA 2010c
2009 Power Savings Blitz	20) From: 2-15W Lamps Exit Sign - incandescent	31	16.00	7%	237.0	0.032	\$196	OPA 2010c
2009 Power Savings Blitz	22) From: 40W Standard Incandescent (A Lamp)	171	2.30	7%	179.0	0.024	\$817	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2009 Power Savings Blitz	23) From: 60W Standard Incandescent (A Lamp)	9	2.30	7%	291.0	0.040	\$70	OPA 2010c
2009 Power Savings Blitz	25) From: 150W Standard Incandescent (A Lamp)	20	2.30	7%	755.0	0.103	\$403	OPA 2010c
2009 Power Savings Blitz	28) From: 100W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting	33	2.30	7%	458.0	0.062	\$403	OPA 2010c
2009 Power Savings Blitz	31) From: 75W standard incandescent PAR Lights - Track lighting or product highlighting	6	2.30	7%	353.0	0.048	\$57	OPA 2010c
2009 Power Savings Blitz	47) From: Contractor (Non-Classified Locations) - Minimum fee if the total fee for the application for inspection is less than \$71	3	0.00	7%	0.0	0.000	\$0	OPA 2010c
2009 Power Savings Blitz	48) From: 2 Lamps 8' -T12-75W-Magnetic Ballasts	16	14.70	7%	446.0	0.061	\$190	OPA 2010c
2009 Power Savings Blitz	66) From: 4' T12 Tube Guard T12 Tube Guard	76	14.70	7%	0.0	0.000	\$0	OPA 2010c
2009 Power Savings Blitz	10) From: 2 Lamps 4' -T12-40W-Magnetic Ballasts	3	14.70	7%	114.0	0.015	\$9	OPA 2010c
2009 Power Savings Blitz	15) From: 2 Lamps 4' -T12-34W-Magnetic Ballasts	2	14.70	7%	76.0	0.010	\$4	OPA 2010c
2009 Power Savings Blitz	16) From: 4 Lamps 4' -T12-34W-Magnetic Ballasts	8	14.70	7%	372.0	0.051	\$79	OPA 2010c
2009 Power Savings Blitz	18) From: 2 Lamps U-Shaped 34-40W-Magnetic Ballasts	9	14.70	7%	91.0	0.012	\$22	OPA 2010c
2009 Power Savings Blitz	20) From: 2-15W Lamps Exit Sign - incandescent	32	16.00	7%	237.0	0.032	\$202	OPA 2010c
2009 Power Savings Blitz	21) From: 2-15W Lamps Exit Sign - incandescent	7	16.00	7%	237.0	0.032	\$44	OPA 2010c
2009 Power Savings Blitz	22) From: 40W Standard Incandescent (A Lamp)	62	2.30	7%	110.0	0.015	\$182	OPA 2010c
2009 Power Savings Blitz	23) From: 60W Standard Incandescent (A Lamp)	36	2.30	7%	178.0	0.024	\$171	OPA 2010c
2009 Power Savings Blitz	25) From: 150W Standard Incandescent (A	5	2.30	7%	463.0	0.063	\$62	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
	Lamp)							
2009 Power Savings Blitz	28) From: 100W PAR38/30 PAR Lights - Flood or Spot - recessed down lighting	17	2.30	7%	281.0	0.038	\$127	OPA 2010c
2009 Power Savings Blitz	32) From: 75W standard incandescent PAR Lights - Track lighting or product highlighting	3	0.60	7%	95.0	0.013	\$4	OPA 2010c
2009 Power Savings Blitz	33) From: 90 Watt Halogen PAR Lights - Track lighting or product highlighting	2	2.30	7%	235.0	0.032	\$13	OPA 2010c
2009 Power Savings Blitz	38) From: No Insulation Jacket (12-40 Gal)	8	7.00	7%	154.0	0.017	\$33	OPA 2010c
2009 Power Savings Blitz	48) From: 2 Lamps 8' -T12-75W-Magnetic Ballasts	11	14.70	7%	273.0	0.037	\$80	OPA 2010c
2009 Power Savings Blitz	49) From: 4 Lamps 8' -T12-75W-Magnetic Ballasts	1	14.70	7%	531.0	0.072	\$14	OPA 2010c
Total							\$145,155	

1. Program evaluation refers to documentation such as invoices of equipment type, wattage, operating hours and savings provided by a professional lighting expert. These sources were all used in BHI's Board-approved 2005-2008 LRAM claim (EB-2009-0259).

Table 9 - LRAM inputs and contribution to the total LRAM for all GS 50 - 4999 rate class measures.

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 Municipal building retrofit	26W CFL fixture w/EM ballast	12	10.00	0%	324.1	0.074	\$24	Prog evaluation
2006 Municipal building retrofit	3W LED EXIT Sign	101	15.10	0%	236.5	0.027	\$74	Prog evaluation
2006 Municipal building retrofit	2lamp T8 32W (58W)	333	10.00	0%	52.0	0.02	\$180	Prog evaluation
2006 Municipal building retrofit	2lamp T8 32W (73-78W)	6	10.00	0%	241.5	0.083	\$13	Prog evaluation
2006 Municipal building retrofit	4lamp T8 32W (112W)	36	10.00	0%	249.6	0.12	\$117	Prog evaluation
2006 Municipal building retrofit	6lamp T8 32W (202-226W)	89	10.00	0%	1,073.3	0.258	\$620	Prog evaluation
2006 Municipal building retrofit	15W Traffic Light	52	7.00	0%	1,182.6	0.135	\$190	Prog evaluation
2006 Municipal building retrofit	7.5W Pedestrian Light	48	7.00	0%	810.3	0.0925	\$120	Prog evaluation
2006 Municipal building retrofit	65W Metal Halide	2	10.00	0%	372.3	0.085	\$5	Prog evaluation
2006 Municipal building retrofit	65W Metal Halide	1	10.00	0%	481.8	0.11	\$3	Prog evaluation
2006 Municipal building retrofit	28W Screw-in CFL	1	10.00	0%	534.4	0.122	\$3	Prog evaluation
2006 Municipal building retrofit	1lamp T8 (30W)	18	10.00	0%	52.0	0.02	\$10	Prog evaluation
2006 Municipal building retrofit	2lamp T8-2' (50W)	10	10.00	0%	52.0	0.02	\$5	Prog evaluation
2006 Municipal building retrofit	2lamp T8 4' (59W)	13	10.00	0%	96.2	0.037	\$13	Prog evaluation
2006 Municipal building retrofit	3lamp T8-4' (87W)	20	10.00	0%	302.2	0.069	\$37	Prog evaluation
2006 Municipal building retrofit	2lamp T8 4' (59W)	9	10.00	0%	85.3	0.041	\$10	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 Municipal building retrofit	10lamp T5-HO (fixture input 562W)	48	10.00	0%	3,392.9	0.518	\$672	Prog evaluation
2006 Municipal building retrofit	15W Screw-in CFL	2	1.00	0%	525.6	0.06	\$0	Prog evaluation
2006 Municipal building retrofit	65W Metal Halide	8	10.00	0%	153.3	0.035	\$8	Prog evaluation
2006 Municipal building retrofit	23 W Screw-in CLF	1	2.00	0%	337.3	0.077	\$0	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (51W)	29	10.00	30%	108.0	0.027	\$11	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (51W)	70	10.00	30%	236.5	0.027	\$27	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (58-59W)	2	10.00	30%	71.3	0.098	\$3	Prog evaluation
2006 Multi-unit residential lighting retrofit	4lamp T8 32W (112W)	93	10.00	30%	1,051.2	0.12	\$157	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8 (30W)	113	10.00	30%	68.0	0.017	\$27	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8 (30W)	218	10.00	30%	148.9	0.017	\$52	Prog evaluation
2006 Multi-unit residential lighting retrofit	2lamp T8 32W (51W)	128	10.00	30%	403.0	0.046	\$83	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8-3' (24W)	214	10.00	30%	52.0	0.013	\$39	Prog evaluation
2006 Multi-unit residential lighting retrofit	1lamp T8-2' (14W)	24	10.00	30%	52.0	0.013	\$4	Prog evaluation
2006 Multi-unit residential lighting retrofit	13W Screw-in CFL	1,901	2.00	30%	188.0	0.047	\$0	Prog evaluation
2006 BHI lighting retrofit	2 lamp T8 32W (51W)	196	10.00	0%	21.1	0.027	\$213	Prog evaluation
2006 BHI lighting retrofit	1 lamp 4' T8 (30W)	53	10.00	0%	13.3	0.017	\$36	Prog evaluation
2006 BHI lighting retrofit	2 lamp T8 32W (73-78W)	15	10.00	0%	53.8	0.069	\$42	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 BHI lighting retrofit	16 W screw in CFL	25	2.00	0%	34.3	0.044	\$0	Prog evaluation
2006 General service lighting	2 - T8 32W (58 W) reflectorized w/E	88	10.00	30%	392.0	0.098	\$183	Prog evaluation
2006 General service lighting	3W LED EXIT Sign	238	10.00	30%	236.5	0.027	\$136	Prog evaluation
2006 General service lighting	2lamp T8 32W (51W)	1,030	10.00	30%	108.0	0.027	\$589	Prog evaluation
2006 General service lighting	2lamp T8 32W (58-59W)	548	10.00	30%	392.0	0.098	\$1,137	Prog evaluation
2006 General service lighting	2lamp T8 32W (73-78W)	1,151	10.00	30%	332.0	0.083	\$2,022	Prog evaluation
2006 General service lighting	2lamp T8 32W (73-78W)	12	10.00	30%	240.0	0.06	\$15	Prog evaluation
2006 General service lighting	4lamp T8 32W (112W)	24	10.00	30%	480.0	0.12	\$61	Prog evaluation
2006 General service lighting	6lamp T8 32W (174W)	57	10.00	30%	1,144.0	0.286	\$345	Prog evaluation
2006 General service lighting	6lamp T8 32W (202-226W)	86	10.00	30%	1,032.0	0.258	\$470	Prog evaluation
2006 General service lighting	4lamp T5-HO 54W (232W)	58	10.00	30%	912.0	0.228	\$280	Prog evaluation
2006 General service lighting	6lamp T8 32W (174W)	37	10.00	30%	484.0	0.121	\$95	Prog evaluation
2006 General service lighting	2lamp T8 32W (73-78W)	11	10.00	30%	292.0	0.073	\$17	Prog evaluation
2006 General service lighting	1lamp T8 (30W)	118	10.00	30%	68.0	0.017	\$42	Prog evaluation
2006 General service lighting	1lamp T8 (30W)	70	10.00	30%	148.9	0.017	\$25	Prog evaluation
2006 General service lighting	1lamp T8 (24W)	204	10.00	30%	87.6	0.01	\$43	Prog evaluation
2006 General service lighting	2lamp T8-3' (40W)	113	10.00	30%	108.0	0.027	\$65	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2006 General service lighting	4lamp T8 (100W)	25	10.00	30%	224.0	0.056	\$30	Prog evaluation
2006 General service lighting	4lamp T8 (100W)	27	10.00	30%	429.2	0.049	\$28	Prog evaluation
2006 General service lighting	4lamp T8 (102W)	118	10.00	30%	1,138.8	0.13	\$325	Prog evaluation
2006 General service lighting	1lamp T8-2' (14W)	210	10.00	30%	113.9	0.013	\$58	Prog evaluation
2006 General service lighting	2lamp T8-2' (30W)	113	10.00	30%	96.0	0.024	\$57	Prog evaluation
2006 General service lighting	2lamp T8-2' (32W)	29	10.00	30%	403.0	0.046	\$28	Prog evaluation
2006 General service lighting	2lamp T8-4' (78W)	40	10.00	30%	(35.0)	-0.004	(\$3)	Prog evaluation
2006 General service lighting	2lamp T8 4' (59W)	38	10.00	30%	595.7	0.068	\$55	Prog evaluation
2006 General service lighting	7W Screw-in CFL	232	1.50	30%	132.0	0.033	\$0	Prog evaluation
2006 General service lighting	9W Screw-in CFL	315	1.50	30%	124.0	0.031	\$0	Prog evaluation
2006 General service lighting	11W Screw-in CFL	30	2.00	30%	356.0	0.089	\$0	Prog evaluation
2006 General service lighting	13W Screw-in CFL	1,242	2.00	30%	188.0	0.047	\$0	Prog evaluation
2006 General service lighting	15W Screw-in CFL	23	1.50	30%	240.0	0.06	\$0	Prog evaluation
2006 General service lighting	65W Screw-in CFL	40	2.50	30%	1,740.0	0.435	\$0	Prog evaluation
2006 General service lighting	23 W Screw-in CLF	140	2.50	30%	308.0	0.077	\$0	Prog evaluation
2005 BHI lighting retrofit	2 lamp T8 (58W)	121	15.00	0%	254.8	0.098	\$478	Prog evaluation
2005 BHI lighting retrofit	2 lamp T8 (58W)	181	15.00	0%	182.0	0.07	\$511	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2005 BHI lighting retrofit	2 lamp T8 (51W)	146	15.00	0%	70.2	0.027	\$159	Prog evaluation
2005 BHI lighting retrofit	2 lamp T8 (51W)	48	15.00	0%	236.5	0.027	\$52	Prog evaluation
2005 BHI lighting retrofit	1 lamp T8 (31W)	6	15.00	0%	41.6	0.016	\$4	Prog evaluation
2005 BHI lighting retrofit	Incandescent (23W)	23	5.49	0%	140.1	0.077	\$71	Prog evaluation
2005 BHI lighting retrofit	Incandescent (16W)	17	5.49	0%	80.1	0.044	\$30	Prog evaluation
2005 BHI lighting retrofit	6 lamp fluorescent (226W)	52	15.00	0%	2,049.8	0.234	\$491	Prog evaluation
2005 BHI lighting retrofit	6 lamp fluorescent (174W)	28	15.00	0%	1,060.0	0.121	\$137	Prog evaluation
2007 Home developers program	2lamp 4' T8 (46W)	171	2.74	30%	262.8	0.03	\$29	Prog evaluation
2007 Home developers program	2lamp 2' T8 (27W)	110	2.74	30%	184.0	0.021	\$13	Prog evaluation
2007 Home developers program	1lamp 2' T8 (15W)	44	2.74	30%	105.1	0.012	\$3	Prog evaluation
2007 Home developers program	2lamp 4' T8 (59W)	98	2.74	30%	595.7	0.068	\$37	Prog evaluation
2007 Home developers program	2lamp 4' T8 (74W)	7	2.74	30%	1,848.4	0.211	\$8	Prog evaluation
2007 Home developers program	Exit Sign LED=2.4W	71	25.11	30%	241.8	0.0276	\$28	Prog evaluation
2007 Home developers program	Exit Sign LED=2.4W	64	25.11	30%	679.8	0.0776	\$70	Prog evaluation
2007 Home developers program	13W CFL	4,329	2.00	30%	205.3	0.047	\$0	Prog evaluation
2007 Home developers program	14W CFL	54	2.00	30%	200.9	0.046	\$0	Prog evaluation
2007 Home developers program	9W CFL	669	2.00	30%	69.9	0.016	\$0	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2007 Home developers program	7W CFL	934	2.00	30%	144.1	0.033	\$0	Prog evaluation
2007 Home developers program	23W CFL	20	2.00	30%	336.3	0.077	\$0	Prog evaluation
2007 Home developers program	4lamp 4' T8 (112W)	83	2.74	30%	805.9	0.092	\$43	Prog evaluation
2007 Home developers program	4lamp 4' T8 (95W)	1	2.74	30%	79.4	0.109	\$1	Prog evaluation
2007 Home developers program	4lamp 4' T8 (98W)	1	2.74	30%	84.1	0.058	\$0	Prog evaluation
2007 Home developers program	2lamp 4' T8 (51W)	74	2.74	30%	236.5	0.027	\$11	Prog evaluation
2007 Home developers program	1lamp 4' T8 (28W)	25	2.74	30%	20.7	0.057	\$8	Prog evaluation
2007 Home developers program	1lamp 4' T8 (30W)	34	2.74	30%	78.8	0.009	\$2	Prog evaluation
2007 Home developers program	1lamp 3' T8 (22W)	60	2.74	30%	131.4	0.015	\$5	Prog evaluation
2007 Home developers program	9W CFL	16	8.00	30%	29.8	0.041	\$9	Prog evaluation
2007 Home developers program	13W CFL	1	8.00	30%	63.3	0.087	\$1	Prog evaluation
2007 Multi-unit residential lighting retrofit	4lamp 4' T8 (95W)	89	5.00	30%	744.6	0.085	\$213	Prog evaluation
2007 Multi-unit residential lighting retrofit	4lamp 4' T8 (95W)	4	5.00	30%	31.7	0.061	\$7	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 4' T8 (51W)	3	5.00	30%	14.0	0.027	\$2	Prog evaluation
2007 Multi-unit residential lighting retrofit	13W CFL	1,186	2.00	30%	51.3	0.047	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	23W CFL	59	2.00	30%	84.1	0.077	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	9W CFL	270	2.00	30%	33.9	0.031	\$0	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2007 Multi-unit residential lighting retrofit	40W CFL	16	2.00	30%	120.1	0.11	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	40W CFL	2	2.00	30%	174.7	0.16	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	7W CFL	183	2.00	30%	36.0	0.033	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	14W CFL	10	2.00	30%	50.2	0.046	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	15W CFL	12	2.00	30%	65.5	0.06	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 4' T8 (77W)	74	5.00	30%	113.9	0.013	\$27	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 4' T8 (59W)	9	5.00	30%	937.3	0.107	\$27	Prog evaluation
2007 Multi-unit residential lighting retrofit	1lamp 4' T8 (30W)	67	5.00	30%	148.9	0.017	\$32	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 3' T8 (40W)	4	5.00	30%	26.3	0.024	\$3	Prog evaluation
2007 Multi-unit residential lighting retrofit	1lamp 2' T8 (15W)	3	5.00	30%	105.1	0.012	\$1	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 2' T8 (32W)	10	5.00	30%	96.4	0.044	\$12	Prog evaluation
2007 Multi-unit residential lighting retrofit	13W CFL	1,638	2.00	30%	85.8	0.047	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	14W CFL	73	2.00	30%	84.0	0.046	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	23W CFL	46	2.00	30%	140.5	0.077	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	7W CFL	118	2.00	30%	60.2	0.033	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	28W CFL	32	2.00	30%	131.4	0.072	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	4lamp 4' T8 (110W)	73	5.00	30%	1,296.5	0.148	\$305	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2007 Multi-unit residential lighting retrofit	13W CFL	352	2.00	30%	17.1	0.047	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	15W CFL	116	2.00	30%	18.2	0.05	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	15W CFL	97	2.00	30%	65.5	0.06	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	14W CFL	3	2.00	30%	16.7	0.046	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	14W CFL	26	2.00	30%	13.1	0.036	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	14W CFL	4	2.00	30%	18.6	0.051	\$0	Prog evaluation
2007 Multi-unit residential lighting retrofit	4lamp 4' T8 (111W)	105	5.00	30%	1,226.4	0.14	\$415	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 4' T8 (74W)	54	5.00	30%	551.9	0.063	\$96	Prog evaluation
2007 Multi-unit residential lighting retrofit	2lamp 4' T8 (51W)	36	5.00	30%	236.5	0.027	\$27	Prog evaluation
2007 General service lighting	8lamp T5	76	9.38	30%	3,577.6	0.559	\$995	Prog evaluation
2007 General service lighting	2lamp T5	32	9.38	30%	716.8	0.112	\$84	Prog evaluation
2007 General service lighting	4lamp T5	51	9.38	30%	4,204.8	0.657	\$785	Prog evaluation
2007 General service lighting	2lamp 4' T8	130	10.91	30%	561.0	0.102	\$311	Prog evaluation
2007 General service lighting	6lamp T8 High Bay	82	10.91	30%	1,541.8	0.176	\$338	Prog evaluation
2007 General service lighting	3lamp T8 EB Troffer	42	9.38	30%	556.3	0.0635	\$62	Prog evaluation
2007 General service lighting	2lamp 4' T8 EB	22	9.38	30%	162.1	0.0185	\$10	Prog evaluation
2007 General service lighting	6lamp 4' T8 (158W)	25	10.00	30%	1,678.6	0.269	\$158	Prog evaluation

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
2007 General service lighting	6lamp 4' T8 (220W)	3	10.00	30%	1,291.7	0.207	\$15	Prog evaluation
2007 General service lighting	6lamp 4' T8 (158W)	60	10.00	30%	1,223.0	0.196	\$275	Prog evaluation
2007 General service lighting	Exit (2.4W)	14	25.10	30%	241.8	0.0276	\$9	Prog evaluation
2007 General service lighting	Remove fixture 4lamp T8	6	5.00	30%	0.0	0	\$0	Prog evaluation
2007 General service lighting	Remove fixture 400W Metal Halide	1	5.00	30%	0.0	0	\$0	Prog evaluation
2007 General service lighting	2lamp 4' T8 (51W)	36	5.00	30%	78.6	0.027	\$23	Prog evaluation
2007 General service lighting	4lamp 4' T8 (112W)	27	5.00	30%	1,051.2	0.12	\$76	Prog evaluation
2007 General service lighting	Exit (2.4W)	8	25.10	30%	241.8	0.0276	\$5	Prog evaluation
2007 Electricity Retrofit Incentive Program (ERIP)	Custom Retrofit Projects	1	5.00	0%	161,928.5	46.115	\$1,673	OPA 2009
2008 Electricity Retrofit Incentive Program (ERIP)	Custom Retrofit Projects	1	16.00	0%	533,021.5	10.0117	\$363	OPA 2009
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System Exit Signs, 5 W or less - Commercial Sector	40	20.00	42%	227.8	0.026	\$36	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System ENERGY STAR® Rated CFLs, Screw in. All sizes < 40 W - Commercial Sector	32	20.00	42%	101.1	0.044333333	\$49	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Double lamp high performance T8 fixture	84	20.00	42%	67.3	0.0295	\$85	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Quadruple lamp high performance T8 fixture	294	20.00	42%	120.8	0.053	\$537	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System Occupancy Sensors, Switch plate mounted occupancy sensor - Commercial Sector	4	20.00	42%	91.2	0.04	\$6	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System Occupancy Sensors, Ceiling mounted occupancy sensor -	3	20.00	42%	91.2	0.04	\$4	OPA 2010c

Program	Energy Efficient Measure	Number of units	Measure life	Free-rider rate	Gross annual energy savings (kWh/a)	Gross annual demand savings (kW/a)	Contribution to LRAM (2011\$)	Assumption source
Commercial Sector								
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System ENERGY STAR® Rated Exit Signs - Commercial Sector	70	20.00	42%	227.8	0.026	\$63	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System Screw-In & GU-24 base CFLs - Commercial Sector	60	20.00	42%	184.0	0.046	\$95	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System 2 Pin CFLs, <14W - Commercial Sector	20	20.00	42%	220.0	0.055	\$38	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System Standard Performance T8, Double Lamp - Commercial Sector	25	20.00	42%	106.0	0.0265	\$23	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Custom Project - Commercial Sector	2	20.00	42%	24,168.0	10.6	\$730	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2008 – Lighting System ENERGY STAR® Rated CFLs, Screw in. All sizes < 40 W - Multi-Family Sector	1,600	20.00	59%	139.7	0.044333333	\$1,728	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Custom Project - Multi-Family Sector	2	20.00	59%	63,498.0	27.85	\$1,357	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Lighting System Medium and High Bay T5, 6 Lamps - Industrial Sector	28	20.00	42%	936.0	0.156	\$150	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Unitary AC >11.25 & <= 20 tons - Industrial Sector	15	20.00	42%	408.1	0.179	\$93	OPA 2010c
2009 Electricity Retrofit Incentive Program (ERIP)	2009 – Custom Project - Industrial Sector	1	20.00	42%	12,084.0	5.3	\$183	OPA 2010c
Total							\$22,624	

1. Program evaluation refers to documentation such as invoices of equipment type, wattage, operating hours and savings provided by a professional lighting expert. These sources were all used in BHI's Board-approved 2005-2008 LRAM claim (EB-2009-0259).

Table 10 – Residential program LRAM contributions and carrying charges

Program	Year of savings	Savings (kWh)	Energy rate (\$/kWh)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
2006 Secondary fridge retirement pilot	2009	76,630	0.0159	\$1,218	\$21	\$1,239
	2010	19,157	0.0166	\$318	\$4	\$322
2006 Secondary fridge retirement pilot Sum		95,787		\$1,536	\$25	\$1,561
2006 EKC	2009	4,908,414	0.0159	\$78,044	\$1,339	\$79,383
	2010	158,212	0.0166	\$2,626	\$31	\$2,658
2006 EKC Sum		5,066,626		\$80,670	\$1,371	\$82,041
2007 EKC	2009	1,799,752	0.0159	\$28,616	\$491	\$29,107
	2010	449,938	0.0166	\$7,469	\$89	\$7,558
2007 EKC Sum		2,249,690		\$36,085	\$581	\$36,666
2007 Municipal building retrofit	2009	68,299	0.0159	\$1,086	\$19	\$1,105
	2010	17,075	0.0166	\$283	\$3	\$287
2007 Municipal building retrofit Sum		85,374		\$1,369	\$22	\$1,391
2007 Public education and outreach	2009	24,836	0.0159	\$395	\$7	\$402
	2010	6,209	0.0166	\$103	\$1	\$104
2007 Public education and outreach Sum		31,045		\$498	\$8	\$506
2007 Staff development program	2009	8,072	0.0159	\$128	\$2	\$131
	2010	2,018	0.0166	\$33	\$0	\$34
2007 Staff development program Sum		10,090		\$162	\$3	\$164
2005 Public education and outreach	2009	248,420	0.0159	\$3,950	\$68	\$4,018
	2010	59,992	0.0166	\$996	\$12	\$1,008
2005 Public education and outreach Sum		308,412		\$4,946	\$80	\$5,025
2008 EKC - Power Savings Event	2009	1,623,614	0.0159	\$25,815	\$443	\$26,259
	2010	405,904	0.0166	\$6,738	\$81	\$6,819
2008 EKC - Power Savings Event Sum		2,029,518		\$32,553	\$524	\$33,077
2006 Cool Savings Rebate	2009	128,406	0.0159	\$2,042	\$35	\$2,077

Program	Year of savings	Savings (kWh)	Energy rate (\$/kWh)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
	2010	32,101	0.0166	\$533	\$6	\$539
2006 Cool Savings Rebate Sum		160,507		\$2,575	\$41	\$2,616
2007 Cool Savings Rebate	2009	416,556	0.0159	\$6,623	\$114	\$6,737
	2010	104,139	0.0166	\$1,729	\$21	\$1,749
2007 Cool Savings Rebate Sum		520,694		\$8,352	\$134	\$8,486
2008 Cool Savings Rebate	2009	296,419	0.0159	\$4,713	\$81	\$4,794
	2010	74,105	0.0166	\$1,230	\$15	\$1,245
2008 Cool Savings Rebate Sum		370,524		\$5,943	\$96	\$6,039
2007 Social housing	2009	164,191	0.0159	\$2,611	\$45	\$2,655
	2010	41,048	0.0166	\$681	\$8	\$690
2007 Social housing Sum		205,238		\$3,292	\$53	\$3,345
2007 The Great Refrigerator Roundup	2009	173,668	0.0159	\$2,761	\$47	\$2,809
	2010	43,417	0.0166	\$721	\$9	\$729
2007 The Great Refrigerator Roundup Sum		217,085		\$3,482	\$56	\$3,538
2008 The Great Refrigerator Roundup	2009	508,933	0.0159	\$8,092	\$139	\$8,231
	2010	127,233	0.0166	\$2,112	\$25	\$2,137
2008 The Great Refrigerator Roundup Sum		636,167		\$10,204	\$164	\$10,368
2008 peaksaver®	2009	36,496	0.0159	\$580	\$10	\$590
	2010	9,124	0.0166	\$151	\$2	\$153
2008 peaksaver® Sum		45,620		\$732	\$12	\$744
2009 The Great Refrigerator Roundup	2009	387,968	0.0159	\$6,169	\$106	\$6,275
	2010	387,968	0.0166	\$6,440	\$62	\$6,503
2009 The Great Refrigerator Roundup Sum		775,935		\$12,609	\$168	\$12,777
2009 Cool Savings Rebate	2009	503,985	0.0159	\$8,013	\$138	\$8,151
	2010	503,985	0.0166	\$8,366	\$81	\$8,447
2009 Cool Savings Rebate Sum		1,007,969		\$16,380	\$219	\$16,598

Program	Year of savings	Savings (kWh)	Energy rate (\$/kWh)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
2009 EKC - Power Savings Event	2009	435,899	0.0159	\$6,931	\$119	\$7,050
	2010	435,899	0.0166	\$7,236	\$70	\$7,306
2009 EKC - Power Savings Event Sum		871,798		\$14,167	\$189	\$14,356
2009 peaksaver®	2009	21,611	0.0159	\$344	\$6	\$350
	2010	21,611	0.0166	\$359	\$3	\$362
2009 peaksaver® Sum		43,222		\$702	\$9	\$712
Residential total		14,731,303		\$236,257	\$3,754	\$240,011

1. Carrying charges are calculated quarterly, at the measure (not program) level to capture different carrying charge interest rates by quarter, program ramp up, and measure life.

Table 11 – GS < 50 kW program LRAM contributions and carrying charges.

Program	Year of savings	Savings (kWh)	Energy rate (\$/kWh)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
2008 High performance new construction	2009	4,170	0.0147	\$61	\$1	\$62
	2010	1,042	0.0136	\$14	\$0	\$14
2008 High performance new construction Sum		5,212		\$75	\$1	\$77
2009 High performance new construction	2009	126,648	0.0147	\$1,862	\$32	\$1,894
	2010	126,648	0.0136	\$1,722	\$17	\$1,739
2009 High performance new construction Sum		253,296		\$3,584	\$49	\$3,633
2009 Power Savings Blitz	2009	4,190,198	0.0147	\$61,596	\$1,057	\$62,653
	2010	4,168,836	0.0136	\$56,696	\$550	\$57,246
2009 Power Savings Blitz Sum		8,359,033		\$118,292	\$1,607	\$119,899
2006 Municipal new construction	2009	141,965	0.0147	\$2,087	\$36	\$2,123
	2010	35,491	0.0136	\$483	\$6	\$488
2006 Municipal new construction Sum		177,456		\$2,570	\$42	\$2,611
2006 Municipal building retrofit	2009	140,846	0.0147	\$2,070	\$36	\$2,106
	2010	35,211	0.0136	\$479	\$6	\$485
2006 Municipal building retrofit Sum		176,057		\$2,549	\$41	\$2,591
2006 Multi-unit residential lighting retrofit	2009	77,594	0.0147	\$1,141	\$20	\$1,160
	2010	19,398	0.0136	\$264	\$3	\$267
2006 Multi-unit residential lighting retrofit Sum		96,992		\$1,404	\$23	\$1,427
2006 General service lighting	2009	229,097	0.0147	\$3,368	\$58	\$3,426
	2010	57,274	0.0136	\$779	\$9	\$788
2006 General service lighting Sum		286,371		\$4,147	\$67	\$4,214
2007 Home developers program	2009	62,857	0.0147	\$924	\$18	\$942
	2010	5,356	0.0136	\$73	\$1	\$74
2007 Home developers program Sum		68,213		\$997	\$19	\$1,015
2007 General service lighting	2009	106,067	0.0147	\$1,559	\$27	\$1,586

Program	Year of savings	Savings (kWh)	Energy rate (\$/kWh)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
	2010	26,517	0.0136	\$361	\$4	\$365
2007 General service lighting Sum		132,583		\$1,920	\$31	\$1,951
2007 Electricity Retrofit Incentive Program (ERIP)	2009	16,193	0.0147	\$238	\$4	\$242
	2010	4,048	0.0136	\$55	\$1	\$56
2007 Electricity Retrofit Incentive Program (ERIP) Sum		20,241		\$293	\$5	\$298
2008 Electricity Retrofit Incentive Program (ERIP)	2009	53,302	0.0147	\$784	\$13	\$797
	2010	13,326	0.0136	\$181	\$2	\$183
2008 Electricity Retrofit Incentive Program (ERIP) Sum		66,628		\$965	\$16	\$980
2007 Renewable Energy Standard Offer Program (RESOP)	2009	6,202	0.0147	\$91	\$2	\$93
	2010	1,551	0.0136	\$21	\$0	\$21
2007 Renewable Energy Standard Offer Program (RESOP) Sum		7,753		\$112	\$2	\$114
2008 Power Savings Blitz	2009	307,915	0.0147	\$4,526	\$78	\$4,604
	2010	74,671	0.0136	\$1,016	\$12	\$1,028
2008 Power Savings Blitz Sum		382,587		\$5,542	\$90	\$5,632
2009 Electricity Retrofit Incentive Program (ERIP)	2009	24,863	0.0147	\$365	\$6	\$372
	2010	24,863	0.0136	\$338	\$3	\$341
2009 Electricity Retrofit Incentive Program (ERIP) Sum		49,725		\$704	\$10	\$713
GS < 50 kW total		10,082,147		\$143,154	\$2,001	\$145,155

1. Carrying charges are calculated quarterly, at the measure (not program) level to capture different carrying charge interest rates by quarter, program ramp up, and measure life.

Table 12 – GS 50 to 4999 kW program LRAM contributions and carrying charges.

Program	Year of savings	Savings (kW-mo)	Energy rate (\$/kW-mo)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
2006 Municipal building retrofit	2009	626	2.5994	\$1,627	\$28	\$1,655
	2010	156	2.8286	\$443	\$5	\$448
2006 Municipal building retrofit Sum		782		\$2,070	\$33	\$2,103
2006 Multi-unit residential lighting retrofit	2009	120	2.5994	\$313	\$5	\$318
	2010	30	2.8286	\$85	\$1	\$86
2006 Multi-unit residential lighting retrofit Sum		150		\$398	\$6	\$404
2006 BHI lighting retrofit	2009	87	2.5994	\$225	\$4	\$229
	2010	22	2.8286	\$61	\$1	\$62
2006 BHI lighting retrofit Sum		108		\$287	\$5	\$291
2006 General service lighting	2009	1,816	2.5994	\$4,720	\$81	\$4,801
	2010	454	2.8286	\$1,284	\$15	\$1,300
2006 General service lighting Sum		2,270		\$6,004	\$96	\$6,101
2005 BHI lighting retrofit	2009	575	2.5994	\$1,495	\$26	\$1,521
	2010	144	2.8286	\$407	\$5	\$412
2005 BHI lighting retrofit Sum		719		\$1,902	\$31	\$1,933
2007 Home developers program	2009	92	2.5994	\$240	\$5	\$244
	2010	8	2.8286	\$23	\$0	\$23
2007 Home developers program Sum		100		\$262	\$5	\$267
2007 Multi-unit residential lighting retrofit	2009	348	2.5994	\$904	\$16	\$920
	2010	87	2.8286	\$246	\$3	\$249
2007 Multi-unit residential lighting retrofit Sum		435		\$1,150	\$18	\$1,168
2007 General service lighting	2009	936	2.5994	\$2,433	\$42	\$2,475
	2010	234	2.8286	\$662	\$8	\$670
2007 General service lighting Sum		1,170		\$3,095	\$50	\$3,145

Program	Year of savings	Savings (kW-mo)	Energy rate (\$/kW-mo)	LRAM (programyear\$)	Carrying charges (\$)	LRAM (2011\$)
2007 Electricity Retrofit Incentive Program (ERIP)	2009	498	2.5994	\$1,295	\$22	\$1,317
	2010	125	2.8286	\$352	\$4	\$356
2007 Electricity Retrofit Incentive Program (ERIP) Sum		623		\$1,647	\$26	\$1,673
2008 Electricity Retrofit Incentive Program (ERIP)	2009	108	2.5994	\$281	\$5	\$286
	2010	27	2.8286	\$76	\$1	\$77
2008 Electricity Retrofit Incentive Program (ERIP) Sum		135		\$358	\$6	\$363
2009 Electricity Retrofit Incentive Program (ERIP)	2009	941	2.5994	\$2,446	\$42	\$2,488
	2010	941	2.8286	\$2,661	\$26	\$2,687
2009 Electricity Retrofit Incentive Program (ERIP) Sum		1,882		\$5,107	\$68	\$5,175
GS 50 - 4,999 kW total		8,375		\$22,280	\$344	\$22,624

1. Carrying charges are calculated quarterly, at the measure (not program) level to capture different carrying charge interest rates by quarter, program ramp up, and measure life.

The LRAM without carrying charges (the sum of the programyear\$ totals from Table 10 to Table 12) is \$401,691. The carrying charges are \$6,099.



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1 **BOARD DIRECTIVES FROM PREVIOUS BOARD DECISIONS:**

2 Burlington Hydro has one outstanding Board Directive. As part of the 2010 Cost of Service
 3 proceeding (EB-2009-0259) the Board directed Burlington Hydro to calculate the amount of
 4 contributions that should have been received from the City of Burlington in each year since the
 5 date of the Shareholder Direction, and the impact on both gross assets and accumulated
 6 depreciations up to December 31, 2010. Below is a table that summarizes the projects that were
 7 completed by Burlington Hydro that had no associated contribution.

Year	Project	Total Project Cost	Contribution Amount	Total Accumulated Depreciation	Contribution less Depreciation
2000	Uppermiddle - Appleby to Burloak	\$371,477	\$115,971	\$51,027	\$64,944
2001	Uppermiddle - Appleby to Burloak	\$3,351	\$1,440	\$576	\$864
2000	Northshore Blvd. East - City rehab project	\$27,358	\$8,701	\$3,829	\$4,872
2001	Northshore Blvd. East - City rehab project	\$622	\$311	\$124	\$187
2007	Brant St. City Streetscape Rehab Project	\$72,177	\$23,638	\$3,782	\$19,856
2008	Brant St. City Streetscape Rehab Project	\$1,249	\$624	\$75	\$549
2008	Uppermiddle Rd Grade Separation	\$420,693	\$159,056	\$19,087	\$139,969
2008	Guelph Line & Prospect Pole Relocation	\$230,965	\$92,003	\$11,040	\$80,963
2008	Uppermiddle Rd Grade - Storm Sewer	\$9,324	\$3,885	\$466	\$3,419
2009	Waterdown Rd & North Service Rd	\$285,458	\$99,765	\$7,981	\$91,784
8	TOTAL	\$ 1,422,675	\$ 505,394	\$ 97,987	\$ 407,407

9

10 Below is a description of the city projects that have been included in the above chart.

11 **Project Name: Uppermiddle Road—Appleby to Burloak**

12 *2000 Project Cost: \$371,477*

13 *2001 Project Cost: \$3,351*

14

15 Replacement of wood poles with new concrete poles for an approximate distance of 2000 meters
 16 from Appleby Line East to just West of Burloak Drive. This pole line will be used to service new
 17 developments on the South side of Uppermiddle Road.

18

19

1 **Project Name: Northshore Blvd. East – City Rehab Project**

2 *2000 Project Cost: \$27,358*

3 *2001 Project Cost: \$622*

4
5 The City of Burlington initiated a program to refurbish the streetscape along Northshore
6 Boulevard, just west of Francis Street with modified curbs and sidewalk alignments. It required
7 the relocation of 3 existing primary poles to a new location and the transfer of the existing
8 circuits.

9
10 **Project Name: Brant Streetscape City Streetscape Rehab Project**

11 *2007 Project Cost \$ 72,177*

12 *2008 Project Cost: \$1,249*

13
14 The City of Burlington initiated a program to refurbish the streetscape along Brant Street, the
15 main street through the Downtown core of Burlington. The proposed City works involved the
16 regrading of boulevards which impacted the grade over a number of Burlington Hydro manhole
17 locations requiring coordination with the project contractor and Burlington Hydro forces to
18 reconstruct the manhole chimney and level the manhole access cover to suit the new grade. The
19 manholes are an integral part of an underground duct and manhole system.

20
21 **Project Name: Uppermiddle Road Grade Separation**

22 *2008 Project Cost: \$420,694*

23
24 This City project is one of several planned to eliminate the train level crossings throughout
25 Burlington. The methodology is similar to the Appleby Line grade separation described in 1830-
26 05-3 where the new Uppermiddle Road will divert under the train track structure resulting in
27 unimpeded traffic flow through this section of Uppermiddle Road. Burlington Hydro had an
28 existing pole line on the south side of the City ROW requiring relocation further south to the
29 edge of the Hydro One ROW. In addition, the re-grading of the road conflicted with an existing
30 underground primary service structure supplying the Milcroft plaza. Re-routing of the
31 underground structure to achieve the appropriate standard depth was necessary Grade Separation
32 under construction – Hydro Poles relocated to the south of the road right of way.

33

1 **Project Name: Guelph Line & Prospect Pole Relocation**

2 *2008 Project Cost: \$230,965*

3
4 The City of Burlington budgeted for the reconstruction of Guelph Line from New Street up to
5 Prospect Street. The City work involved new curb and offset of curb in selected sections and
6 streetscape of the boulevards. The section of new curb realignment coincidentally happened to be
7 in the most congested section of the pole line assets which required relocation. The complexity
8 of our work was due to numerous underground services to be transferred which required
9 coordination with our customers and the added cost of generator rentals, fuel charges and
10 rerouting of concrete duct structure.

11
12 **Project Name: Waterdown Road & North Service Road**

13 *2009 Project Cost: \$ 285,458*

14
15 The Waterdown Road and North Service Road intersection improvements proposed by the City
16 Of Burlington requires Burlington Hydro to reconstruct the existing 27.6 kV and 13.8 kV pole
17 line to accommodate the widening of Waterdown Road and the re-grading of the intersection.
18 This project has been delayed because of land issues with conservation authorities and one of the
19 telecom companies involved, however, it is expected to be resolved this year. This project
20 involves the installation of approximately 15 poles and new overhead conductor along
21 Waterdown Road and North Service Road.

22
23 **Project Name: Uppermiddle Road Grade - Storm Sewer Relocation**

24 *2008 Project Cost: \$9324*

25
26 As part of the City's grade separation project, the installation of a new storm sewer line was
27 planned from Uppermiddle Road to Ironstone Drive via private property of one of Burlington's
28 industrial customer. The hydro poles used for servicing this industrial property were adjacent to
29 the proposed sewer line which required Burlington Hydro to permanently relocate a hydro pole
30 to avoid conflict and establish safe working and design clearances.