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September 17, 2010

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
P.O. Box 2319  
27<sup>th</sup> Floor – 2300 Yonge Street  
Toronto, ON M4P 1E4

Dear Ms. Walli:

**Re: Thunder Bay Hydro Electricity Distribution Inc. - 2011 Electricity  
Distribution Rate Application EB-2010-0115**

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Thunder Bay Hydro Electricity Distribution Inc. ("TBHEDI") is applying for authorization to adjust its current electricity distribution rates in accordance with the 3<sup>rd</sup> Generation Incentive Regulation Mechanism ("3GIRM").

TBHEDI utilized the following files provided by the Board to calculate the requested adjusted rates:

- 2011 IRM3 Rate Generator
- 2011 IRM3 Shared Tax Savings Workform
- 2011 IRM3 Revenue Cost Ratio Adjustment Workform
- 2011 IRM3 RTSR Adjustment Workform
- 2011 IRM Deferral and Variance Account Workform

Please find enclosed two hard copies of TBHEDI's 2011 3GIRM Electricity Distribution Rate Application. An electronic version of this application has been submitted through the e-Filing Services and emailed to the Board Secretary.

If you require any further information, please contact the undersigned at (807) 343-1118.

Yours truly,

A handwritten signature in cursive script that reads "Cindy Speziale".

Cindy Speziale, CA  
Vice President, Finance

CAS/jh

Enclosures.

## MANAGER'S SUMMARY

### Distributor Profile and Introduction

TBHEDI is a corporation incorporated pursuant to the Ontario Business Corporations Act with its head office in the City of Thunder Bay. TBHEDI carries on the business of distributing electricity within the City of Thunder Bay and Fort William First Nation Reserve.

TBHEDI is submitting its 2011 3GIRM Electricity Distribution Rate Application in accordance with the directives and guidelines issued by the Board and has not deviated from the Ontario Energy Board's 2011 3GIRM and other applicable modules used in this application that were obtained from the OEB website.

The following issues are addressed in TBHEDI's 2011 3GIRM Application:

- Revenue to Cost Ratio Adjustment
- Price Cap Adjustment
- Deferral and Variance Account Rate Rider
- Renewable Generation and Smart Grid Rate Adder
- Incremental Capital Adjustment
- Smart Metering Rate Adder
- Z Factor Tax Change Adjustment
- Z Factor Claim - Recovery of Late Payment Penalty Litigation Costs
- Adjustment of Retail Transmission Service Rates ("RTSR")
- Loss Factors
- Specific Service Charges
- LRAM/SSM Rate Rider
- Bill Impacts

### Current Tariff Sheet

A copy of the 2010 Tariff Sheet, as approved by the Board on April 8, 2010, is shown in **Appendix A**.

### Proposed 2011 Tariff of Rates and Charges

A copy of the 2011 Proposed Tariff of Rates and Charges derived from the "2011 OEB 3IRM Rate Generator" file is shown in **Appendix B**.

## ISSUES

### Revenue to Cost Ratio Adjustment

The current year's revenue to cost ratio on Tab C1.1 is from Page 8 of the Board's Decision and Order on TBHEDI's 2010 IRM Application, dated April 8, 2010, as reproduced below:

### Thunder Bay's Revenue-to-Cost Ratios (%)

Rate Class	Approved 2010 Ratio	Target Range
Residential	115.36	85 - 115
General Service Less than 50 kW	115.55	80 - 120
General Service 50 to 999 kW	80.00	80 - 180
General Service 1,000 to 4,999 kW	59.42	80 - 180
Unmetered Scattered Load	114.91	80 - 120
Sentinel Lighting	109.17	70 - 120
Street Lighting	56.01	70 - 120

The revenue to cost ratios for 2011 have been adjusted as per pages 35 to 36 of the Board's Decision and Order on TBHEDI's 2009 Cost of Service Rate Application, dated June 3, 2009, as reproduced below:

*"It can be seen from the table that there are several classes that fall outside the respective Board policy ranges. It has been the Board's approach in other cost of service rebasing decisions to migrate nonconforming ratios into Board policy ranges over varying periods of time. The Board will adopt this approach in this case as well.*

*Of particular note is the GS 1000 to 4999 kW class which currently materially under contributes to the Company's revenue requirement. While bringing the ratio into line with Board policy ranges is important, the Board considers it equally important to accomplish that migration without undue hardship to any class of customers. In the case of this rate class the Board requires that the ratio evolve in equal increments to the lower boundary of the Board policy range by the time of the next scheduled rebasing, which may occur in four years. The additional revenues received from this class as a result of this evolution should be directed exclusively to the Residential class. Once the Residential class falls within the Board policy range the additional revenues should be allocated to all the rate classes which remain above 100% in proportion to their respective contributions of revenue.*

*For the GS 50 – 999 kW class, the shortfall is smaller and the impact of rebalancing is less and therefore the Board will require that the ratio be moved to the bottom of the range over two years.*

*The Board approves the Company's proposals with respect to Street Lights, Sentinel lights and Unmetered Scattered Load."*

As directed by the Board, TBHEDI has incorporated the following changes to the 2011 revenue to cost ratios:

- GS 1000 – 4999 kW class - to be at the bottom of the Board policy range by 2013, this class is required to increase in equal increments of 6.86% each year, and thus, increases to 66.28% in 2011.
- Street Lights - as per TBHEDI's 2009 Cost of Service Application (Exhibit 7, Tab 1, Schedule 2, Page 3 of 4) filed on September 5, 2008, TBHEDI proposed to change its Street Lighting class revenue to cost ratio in equal increments to the bottom of the Board policy range by 2011. To achieve this, this class increased by 13.99% to 70.0% in 2011.
- Residential class – The 2010 revenue to cost ratio adjustments resulted in this class being at 115.36%, still slightly above the upper boundary of the Board policy range. As such, the savings from the additional revenues

received from the GS 1000 – 4999 and the Streetlight class benefit the residential class. As a result, the revenue to cost ratio for the Residential class decreases by 3.25% to 112.11% in 2011. If accepted by the Board, the Residential class will be within the target range, and in 2012, TBHEDI will then allocate the offset from increased revenues from the GS 1000 – 4999 kW class to all of the classes which remain above 100% in proportion to their respective contributions of revenue.

- TBHEDI did not adjust the revenue to cost ratios for the GS < 50 kW, GS 50 to 999 kW, Unmetered Scattered Load or Sentinel Lights customer classes.

Please note that on Tab B1.1 of the 2011 Revenue Cost Ratio Adjustment Workform the billed customers, connections, kWh and kW were obtained from the rebased 2009 Forecast and that the rates were obtained from TBHEDI's current tariff sheet as shown in Appendix A. In addition, the source of the revenue offsets allocation on Tab C1.2 is the amended 2006 Cost Allocation Information Filing as filed in TBHEDI's 2009 Cost of Service Application.

#### Price Cap Adjustment

The proposed Price Cap Adjustment for TBHEDI, as per the calculations provided on Tab F1.1 of the 2011 Rate Generator file is 0.18%. TBHEDI understands that this value will change when the final GDP-IPI value is published by the Board. In addition, TBHEDI understands that the productivity factor will remain fixed throughout the 3GIRM and that the Board will adjust the Stretch Factor of 0.4% upon final ranking of distributors into their appropriate efficiency cohorts.

#### Deferral and Variance Account Rate Rider

The 2011 Deferral and Variance Account Workform indicates that TBHEDI passes the threshold test of \$0.0001/kWh for disposal of the Group 1 2009 RRR audited balances. The Workform calculates a charge of \$2,725,159 on the Group 1 Account balances as at December 31, 2009 including the applicable carrying charges.

Please note that on Tab D1.6, the "Adjustments" in columns B and F are the principal and carrying charge amounts as approved for disposal and transferred to USoA Account 1595 in the 2010 Decision and Order, issued April 8, 2010.

As per the Board's instruction, TBHEDI has used its 2009 Audited RRR kWh on Tab B1.3 of the Deferral and Variance Account Workform and its 2009 actual billed kWh for non-RPP customers to derive the appropriate rate riders by rate class. TBHEDI proposes to apply the same methodology the Board approved in its 2010 IRM in which a separate rate rider was calculated to dispose of the Group 1 Accounts excluding the Global Adjustment (Tab G1.1a) and another rate rider to be charged specifically to current non-RPP customers for the disposal of the Delivery component Global Adjustment balance as calculated in Tab G1.1b.

Thus, TBHEDI proposes to dispose of the \$2,725,159 balance over one year via the two rate riders.

#### Renewable Generation and Smart Grid Rate Rider

TBHEDI confirms that it is not applying for a Renewable Generation or Smart Grid rate rider in its 2011 3GIRM Electricity Distribution Rate Application.

#### Incremental Capital Adjustment

TBHEDI confirms that it is not applying for an Incremental Capital Adjustment in its 2011 3GIRM Electricity Distribution Rate Application.

#### Smart Metering Rate Adder

In the Board's Decision and Order on TBHEDI's 2009 Cost of Service Rate Application, dated June 3, 2009, the Board stated on Page 44 to 45:

*"In a number of the 2008 distribution rate applications, the Board permitted a number of applicants, not then authorized to deploy smart meters, to collect an increased amount by way of the smart meter rate adder in anticipation of that authorization forthcoming through legislation or regulation. In the Board's view, increasing the rate adder to \$1.97 per month per meter going forward would provide Thunder Bay with funds to support the rollout in 2009, as planned, and avoid rate shock upon completion of smart meter deployment.*

*...The Board finds that Thunder Bay has complied with legislation and with the Board's Guideline G-2008-0002, and so approves an increased smart meter funding adder of \$1.97 per month per metered customer."*

In the 2011 3GIRM Electricity Distribution Rate Application, TBHEDI is requesting the continuation of the current Smart Meter Funding Adder of \$1.97 per month per metered customer.

#### Z Factor Tax Change Adjustment

TBHEDI has a Z-Factor Tax Change Adjustment resulting from the decrease in tax rates. A rate rider calculated based on a sharing of 50% of the tax reduction equates to a refund of \$187,790 to TBHEDI's customers. TBHEDI proposes that this amount will be refunded to customers over a 12 month period commencing May 1, 2011 and ending April 30, 2012 via a volumetric rate rider as calculated in Tab F1.3 in the 2011 IRM Shared Tax Savings Workform.

Please note that the billed customers, connections, kWh and kW data as per the rebalanced base rate in Tab E1.1 of the 2011 IRM3 Rate Generator file have been reflected on Tab B1.1 of the 2011 IRM 3 Shared Tax Savings Workform.

## Z Factor Claim – Recovery of Late Payment Penalty Litigation Costs

As part of this application, TBHEDI will be seeking recovery of a one-time expense in the amount of \$161,042.69 which is expected to be paid on June 30, 2011. If this payment is made, it will serve to resolve long-standing litigation against all former municipal electric utilities (“MEUs”) in the Province in relation to late payment penalty (“LPP”) charges collected pursuant to, first, Ontario Hydro rate schedules and, after industry restructuring, Ontario Energy Board rate orders (the “LPP Class Action”).

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

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

Subject to the right of the MEUs to terminate the settlement if more than 10,000 plaintiff class members opt out of the settlement by September 23, 2010, TBHEDI will make a payment of \$161,042.69 by June 30, 2011. This amount represents TBHEDI’s share of the settlement, applicable taxes and legal fees. TBHEDI believes that the settlement is in its best interest and the best interest of its customers and that the payment in connection with the settlement will be a prudent one.

TBHEDI, along with all other electricity distributors filing for cost of service and IRM applications for 2011 electricity distribution rates (the “LDCs”), proposes that, following September 23, 2010, the Board hold a generic hearing to determine if all costs and damages incurred in this litigation and settlement are recoverable from customers and, if so, the form and timing of recovery from customers. If the Board agrees to hold this generic hearing, the LDCs will collectively file written evidence to address the prudence of the settlement, the costs incurred, the methodology of allocating total settlement costs amongst the LDCs, the proposed method of recovery, and any other matters the Board determines appropriate.

If the Board determines that it will not hold a generic proceeding, TBHEDI asks to be advised of this fact as soon as possible so that it can file, to permit adjudication as part of this proceeding, written evidence to address the prudence of the settlement, the costs incurred, the methodology of allocating total settlement costs amongst the LDCs, the proposed method of recovery, and any other matters the Board determines appropriate.

Please note that at this time, as advised by OEB Board staff TBHEDI has not included a rate rider in the 2011 IRM3 Rate Generator file to dispose of the amount as discussed in the preceding paragraph.

## Adjustment of Retail Transmission Service Rates (“RTSR”)

As instructed by the Board, TBHEDI proposes to adjust its RTSRs based on a comparison of historical transmission costs adjusted for new Uniform Transmission Rates (UTRs) levels and revenues generated from existing RTSRs. This approach is expected to minimize variances in USoA Account 1584 and 1586. The 2011 RTSR Adjustment Workform provided by OEB Board Staff was used to calculate TBHEDI’s specific RTSRs.

On Tab B1.2 of the RTSR Adjustment Workform, the metered kWh and metered kW were obtained from TBHEDI’s 2009 audited RRR. In addition, the applicable Board-approved loss factors inputted on this tab by rate class is a weighted average of 2009 billed kWh of the sub-rate classes, if applicable. For example, the GS < 50 kW rate class has customers that are both primary and secondary metered. The calculation of the weighted average loss factors is provided below:

### 2009 Billed Consumption (kWh)

	A	B	C	B * C
	kWh	% of subtotal	Loss Factor	Weighted Average Loss Factor
<b>Residential</b>	<b>348,392,935</b>	<b>100.0%</b>	1.0448	<b>1.0448</b>
GU: GS<50 kW, primary metered	712,285	0.5%	1.0343	0.0053
GU: GS<50 kW	138,122,292	99.5%	1.0448	1.0394
<b>Subtotal GS&lt;50 kW</b>	<b>138,834,577</b>	<b>100.0%</b>		<b>1.0447</b>
GS: GS>50 kW	227,092,095	88.1%	1.0448	0.9209
G1: GS>50 kW, primary metered	251,262	0.1%	1.0343	0.0010
G2: GS>50 kW, primary metered & transformer allowance	19,104,602	7.4%	1.0343	0.0767
G3: GS>50 kW, transformer allowance	11,209,508	4.4%	1.0448	0.0455
<b>Subtotal GS&gt;50 kW to 999 kW</b>	<b>257,657,467</b>	<b>100.0%</b>		<b>1.0440</b>
G8: GS>50 kW, interval metered	27,746,125	77.4%	1.0448	0.8087
G9: GS>50 kW, interval & primary metered & transformer allowance	8,099,174	22.6%	1.0343	0.2337
<b>Subtotal GS&gt;50 kW to 999 kW, interval metered</b>	<b>35,845,299</b>	<b>100.0%</b>		<b>1.0424</b>
M2, GS>1000 kW, interval & primary metered & transformer allowance	188,103,792	99.9%	1.0343	1.0332
M3, GS>1000 kW, Interval	200,563	0.1%	1.0448	0.0011
<b>Subtotal GS&gt;1000 kW to 4,999kW</b>	<b>188,304,355</b>	<b>100.0%</b>		<b>1.0343</b>
<b>GC: GS&lt;50 kW, Unmetered Scattered Load</b>	<b>1,995,125</b>	<b>100.0%</b>	1.0448	<b>1.0448</b>
<b>Sentinel Lights</b>	<b>64,650</b>	<b>100.0%</b>	1.0448	<b>1.0448</b>
<b>Streetlighting</b>	<b>11,577,185</b>	<b>100.0%</b>	1.0448	<b>1.0448</b>
<b>Total</b>	<b>982,671,592</b>			

On Tab C1.1 of the same Workform, the monthly network, line connection, and transformation connection charges were obtained from TBHEDI’s monthly 2009 IESO invoices. The units billed are TBHEDI’s monthly demand for 2009 in kW.

## Loss Factors

TBHEDI is not requesting any changes to the loss factors previously approved by the Board in its 2009 Cost of Service Application.

## Specific Service Charges

TBHEDI is not requesting any changes to the specific service charges previously approved by the Board in its 2009 Cost of Service Application.

## LRAM/SSM Rate Rider

Currently, TBHEDI has a LRAM/SSM rate rider in place with a sunset date of April 30, 2012 that was approved by the Board in its 2009 Decision and Order. TBHEDI does not request any changes to this specific rate rider; however, TBHEDI submits an additional LRAM rate rider which is composed of (1) a continuation of LRAM for 2005 – 2007 CDM Programs and (2) LRAM for 2008 CDM Programs as calculated below:

Rate Class	LRAM Claim		2009 Forecast	Metrics	Rate Riders		
	'05 - '07	'08	Total		'05 - '07	'08	Total
	\$	\$			\$/unit (kWh or kW)	\$/unit (kWh or kW)	\$/unit (kWh or kW)
Residential	276,615	65,659	350,217,935	kWh	0.0008	0.0002	0.0010
GS <50 kW	0	13,401	144,258,193	kWh	0.0000	0.0001	0.0001
GS>50 kW	2,689	0	718,710	kW	0.0037	0.0000	0.0037
GS 1,000 to 4,999 kW	0	0	561,149	kW	0.0000	0.0000	0.0000
Unmetered Scattered Load	27,770	0	1,786,004	kWh	0.0155	0.0000	0.0155
Sentinel Lights	0	0	402	kW	0.0000	0.0000	0.0000
Street Lights	0	0	31,276	kW	0.0000	0.0000	0.0000
<b>Total</b>	<b>307,075</b>	<b>79,061</b>	<b>386,136</b>				

TBHEDI requests the rate riders shown under the Total column in the table for the combined LRAM amount of \$386,136 be collected for a period of one year, having a sunset date of April 30, 2012.

### *Continuation of 2005 – 2007 CDM Programs*

- Background

On August 22, 2008 TBHEDI filed an application with the Ontario Energy Board (Board) under Section 78 of the Ontario Energy Board Act, 1998 seeking



approval for changes to its distribution rates effective May 1, 2009. Included in that filing was a claim for a lost revenue adjustment (LRAM) due to the effects of the delivery of conservation and demand management (CDM) programs (2005 to 2007) on TBHEDI's distribution revenues and a load forecast within which TBHEDI applied for CDM impact adjustments.

TBH received approval from the Board of its LRAM claim but did not receive approval of the CDM impact portion of the load forecast. The Board's findings, on page 7 of the Decision and Order dated June 3, 2009 were that it would not accept the adjustment because there was insufficient evidence from TBHEDI to support the conclusion that the difference between forecasted and actual load was in fact attributable to CDM impacts.

- Argument in Principle Regarding Section 5.2 of Guidelines For Electricity Distributor Conservation and Demand Management EB-2008-0037

As contemplated in the Guidelines for Electricity Distributor Conservation and Demand Management EB 2008-0037, an application for LRAM is two-fold. One aspect is the approval to collect lost revenues from CDM activities from prior years. The other aspect is adjustments to load forecasts. *Section 5.2 Calculation of LRAM* clearly states that on Page 18 "lost revenues are only accruable until new rates (based on new revenue requirement and load forecast) are set by the Board, as the savings would be assumed to be incorporated in the load forecast at that time". Considering the Board did not allow the assumed savings in the 2009 load forecast, TBHEDI is at this time applying for continued LRAM effects of programs from 2005 to 2007. Attached is Appendix C which is a spreadsheet for TBHEDI's LRAM claim for \$307,075 for the 2011 rate year. The methodology used was to calculate LRAM for the 2005 to 2007 CDM Programs assuming that no amount had been previously approved then remove the \$377,108 in approved LRAM from the 2009 Decision and Order.

LRAM for 2005 – 2007 CDM Programs in 2011	\$ 684,183
LRAM approved in 2009 Decision and Order	<u>\$ 377,108</u>
Net Change: 2011 IRM Request for LRAM	<u>\$ 307,075</u>

For explanatory purposes TBHEDI previously claimed a four year lost revenue value (2005, 2006, 2007 and 2008) for input into 2009 rate year. At this time TBHEDI is claiming lost revenues from 2005 to 2007 programs for the two years 2009 and 2010 for input into 2011 rate year. This calculation is subject to Energy Efficiency technology life verifications (ie. how long certain measures last). The only measure that saw an end of life per the OEB's Inputs and Assumptions List was the 2005 and 2006 compact fluorescent bulbs programs.

## 2008 CDM Programs

- Introduction

TBHEDI managed three CDM programs for the OPA in 2008. The OPA conducted evaluations, measurements and verifications on all three programs and the reports are provided for viewing on the CD included in the rate package along with a letter from the OPA stating such in **Appendix C**. TBHEDI is seeking an LRAM of \$79,061 as shown in the table below for 2008 to 2010.

Rate Class/Program	2008 LRAM Claim						
	kWh	kW	Rate 1	Rate 2	Lost Revenue	Program Duration	Verification Method
<b>Residential</b>							
OPA GRR	614,102	65.74	\$0.0138	\$0.0138	\$8,474.61	1 year	OPA
OPA Summer Savings	971,872	246.85	\$0.0138	\$0.0138	\$13,411.83	Summer	OPA
<b>General Service &lt;50kW</b>							
OPA ERIP	357,373	70.28	\$0.0125	\$0.0125	\$4,467.16	1 year	OPA
<b>General Service 50kW to 999kW</b>	n/a	n/a	\$1.0648	\$1.0637	n/a	n/a	n/a
<b>General Service 1MW to 4,999kW</b>	n/a	n/a	\$1.4378	\$1.4364	n/a	n/a	n/a
<b>Unmetered Scattered Load</b>	n/a	n/a	\$0.0125	\$0.0125	n/a	n/a	n/a
<b>Total</b>	<u>1,943,347</u>	<u>382.87</u>			<u>\$26,354</u>		
<b>LRAM Claim for 2008 to 2010</b>					<b>\$79,061</b>		

- Individual Program Evaluation

1. **GRR:** This program was a continuation of the refrigerator round up from 2007. Customers simply called a 1-800 number to book a pick up of their qualifying appliance. The central call centre then booked a pick up with a local company who in turn would have the units shipped to the recycling depot in Oakville. TBHEDI customers saved a total of 614,000 kWh for the year. Aggregate net to gross adjustments were deemed to be 52% to 55% per OPA post program evaluations.
2. **ERIP:** This was TBHEDI's first year in the program. Time was spent getting familiar with the program details; largely a lighting retrofit type offering. Time was also spent getting back in touch with its commercial and institutional customer base, which was the target audience for the program. TBHEDI customers saved approximately 357,000 kWh for the year. Aggregate net to gross adjustments were deemed to be 58% per OPA post program evaluations.

3. **Summer Savings:** This was TBHEDI's second year in the program. Customers were challenged to save 10% of their consumption over the same summer period from the prior year. The requirement was that they sign up for program and be willing to be audited for what actions they took. TBHEDI simply used the recorded meter readings to calculate which customers achieved the desired savings. TBHEDI customers saved almost 1,000,000 kWh for the year. Aggregate net to gross adjustments were deemed to be 77% per OPA post program evaluations.

- Lessons Learned

TBHEDI learned a few lessons over the 2008 year. First and foremost was the importance of forcing customers to register for the Summer Savings program. In 2007 registration was not required, and thus, resulted in no real way to determine the program's effectiveness. Forcing registrations brought integrity to the program and drastically reduced free ridership. The second lesson learned was the potential for future ERIP savings. Spending time getting to know its commercial customers has placed TBHEDI in a better position to promote and sell the ERIP program for 2009. TBHEDI has also learned the value of face to face time with its commercial customers and the importance this plays in getting program buy-in.

- Conclusion

Overall, TBHEDI is satisfied with its success in running these three OPA programs and looks forward to improved uptake in 2009 and beyond as it builds a conservation culture in Thunder Bay. TBHEDI has continued to outperform the targets set by the OPA this year and intends to do so in the future.

#### Bill Impacts

Bill impacts are shown on the Tab O2.1 of the 2011 IRM3 Rate Generator file. A copy of the 2011 Proposed Bill Impacts is shown for the Residential and GS less than 50 kW Classes in **Appendix D**.

## **APPENDICES**

**Thunder Bay Hydro Electricity Distribution Inc.**  
**CURRENT TARIFF OF RATES AND CHARGES**

**APPENDIX A**

CURRENT MONTHLY RATES AND CHARGES

**Residential**

**Monthly Rates and Charges - Delivery Component**

Service Charge	\$	10.17
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kWh	0.0128
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Saturday, April 30, 2011 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh	(0.0008)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 30, 2011	\$/kWh	(0.0008)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Monday, April 30, 2012	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0053
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0039

**Monthly Rates and Charges - Regulatory Component**

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

**General Service Less Than 50 kW**

**Monthly Rates and Charges - Delivery Component**

Service Charge	\$	17.86
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kWh	0.0131
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Saturday, April 30, 2011 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh	(0.0012)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 30, 2011	\$/kWh	(0.0009)
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0050
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0036

**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 999 kW**

**Monthly Rates and Charges - Delivery Component**

Service Charge	\$	239.24
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kWh	1.3460
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Saturday, April 30, 2011 Applicable only for Non-RPP Customers	\$/kWh	(0.0449)
Distribution Volumetric Def Var Disp 2009 – effective until Saturday, April 30, 2011	\$/kWh	(0.5388)
Distribution Volumetric Def Var Disp 2010 – effective until Saturday, April 30, 2011	\$/kWh	(0.3972)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery – effective until Monday, April 30, 2012	\$/kWh	0.0021
Retail Transmission Rate – Network Service Rate	\$/kWh	1.9951
Retail Transmission Rate – Network Service Rate – Interval metered	\$/kWh	2.1164
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	1.3813
Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered	\$/kWh	1.5266

**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 1,000 to 4,999 kW

### Monthly Rates and Charges - Delivery Component

Service Charge	\$	2,320.15
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kW	1.8526
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Saturday, April 30, 2011 Applicable only for Non-RPP Customers	\$/kW	(0.0366)
Distribution Volumetric Def Var Disp 2009 - effective until Saturday, April 30, 2011	\$/kW	(0.5401)
Distribution Volumetric Def Var Disp 2010 - effective until Saturday, April 30, 2011	\$/kW	(0.5143)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery - effective until Monday, April 30, 2012	\$/kW	0.0028
Retail Transmission Rate - Network Service Rate - Interval metered	\$/kW	2.1164
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval metered	\$/kW	1.5266

### 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)	\$	8.91
Distribution Volumetric Rate	\$/kWh	0.0130
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Saturday, April 30, 2011 Applicable only for Non-RPP Customers	\$/kWh	(0.0001)
Distribution Volumetric Def Var Disp 2009 - effective until Saturday, April 30, 2011	\$/kWh	(0.0015)
Distribution Volumetric Def Var Disp 2010 - effective until Saturday, April 30, 2011	\$/kWh	(0.0011)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery - effective until Monday, April 30, 2012	\$/kWh	0.0143
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0050
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

### 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

## Sentinel Lighting

### Monthly Rates and Charges - Delivery Component

Service Charge (per connection)	\$	6.41
Distribution Volumetric Rate	\$/kW	5.1418
Distribution Volumetric Def Var Disp 2009 - effective until Saturday, April 30, 2011	\$/kW	(0.4162)
Distribution Volumetric Def Var Disp 2010 - effective until Saturday, April 30, 2011	\$/kW	(0.4459)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5123
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0902

### 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)	\$	1.69
Distribution Volumetric Rate	\$/kW	10.2313
Rate Rider for Global Adjustment Sub-Account Disposition (2010) - Effective until Saturday, April 30, 2011 Applicable only for Non-RPP Customers	\$/kW	(0.0359)
Distribution Volumetric Def Var Disp 2009 - effective until Saturday, April 30, 2011	\$/kW	(0.4426)
Distribution Volumetric Def Var Disp 2010 - effective until Saturday, April 30, 2011	\$/kW	(0.4748)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5045
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0678

### 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
Statement of account	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Returned cheque charge (plus bank charges)	\$	25.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account**

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Disconnect/Reconnect at meter - during regular hours	\$	65.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00

**Other**

Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
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		no charge
Up to twice a year		
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

**LOSS FACTORS**

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0448
Total Loss Factor - Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0343
Total Loss Factor - Primary Metered Customer > 5,000 kW	N/A

**Thunder Bay Hydro Electricity Distribution Inc.**  
**TARIFF OF RATES AND CHARGES**  
**Effective Sunday, May 01, 2011**

APPENDIX B

EB-2010-0115

MONTHLY RATES AND CHARGES

**Applied For Monthly Rates and Charges**

**Residential**

**Monthly Rates and Charges - Delivery Component**

Service Charge	\$	9.88
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kWh	0.0124
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Monday, April 30, 2012 Applicable only for Non-RPP Customers	\$/kWh	0.0035
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kWh	0.0010
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2009) - effective until Monday, April 30, 2012	\$/kWh	0.0004
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kWh	(0.0003)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider (2011) - effective until April 30, 2012	\$/kWh	0.0010
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 Less Than 50 kW**

**Monthly Rates and Charges - Delivery Component**

Service Charge	\$	17.89
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kWh	0.0131
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Monday, April 30, 2012 Applicable only for Non-RPP Customers	\$/kWh	0.0035
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kWh	0.0010
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kWh	(0.0002)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider (2011) - effective until April 30, 2012	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

**Monthly Rates and Charges - Regulatory Component**

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

**General Service 50 to 999 kW**

**Monthly Rates and Charges - Delivery Component**

Service Charge	\$	239.67
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kWh	1.3484
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Monday, April 30, 2012 Applicable only for Non-RPP Customers	\$/kWh	1.3200
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kWh	0.3838
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2009) - effective until Monday, April 30, 2012	\$/kWh	0.0021
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kWh	(0.0364)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider (2011) - effective until April 30, 2012	\$/kWh	0.0037
Retail Transmission Rate - Network Service Rate	\$/kWh	2.0256
Retail Transmission Rate - Network Service Rate - Interval metered	\$/kWh	2.1488
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	1.6030
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval metered	\$/kWh	1.7716

**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 1,000 to 4,999 kW

### Monthly Rates and Charges - Delivery Component

Service Charge	\$	2,547.21
Service Charge Smart Meters	\$	1.97
Distribution Volumetric Rate	\$/kW	2.0339
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Monday, April 30, 2012	\$/kW	1.1849
Applicable only for Non-RPP Customers		
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kW	0.3441
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2009) - effective until Monday, April 30, 2012	\$/kW	0.0028
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kW	(0.0330)
Retail Transmission Rate - Network Service Rate - Interval metered	\$/kW	2.1488
Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval metered	\$/kW	1.7716

### 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)	\$	8.93
Distribution Volumetric Rate	\$/kWh	0.0130
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Monday, April 30, 2012	\$/kWh	0.0035
Applicable only for Non-RPP Customers		
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kWh	0.0010
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery (2009) - effective until Monday, April 30, 2012	\$/kWh	0.0143
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kWh	(0.0004)
Distribution Volumetric Lost Revenue Adjustment Mechanism (LRAM) Recovery/Shared Savings Mechanism (SSM) Recovery Rate Rider (2011) - effective until April 30, 2012	\$/kWh	0.0155
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0051
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0042

### Monthly Rates and Charges - Regulatory Component

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

## Sentinel Lighting

Service Charge (per connection)	\$	6.42
Distribution Volumetric Rate	\$/kW	5.1511
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kW	0.18076
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kW	(0.4177)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5354
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2651

### 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)	\$	2.14
Distribution Volumetric Rate	\$/kW	12.9471
Rate Rider for Global Adjustment Sub-Account Disposition (2011) - Effective until Monday, April 30, 2012	\$/kW	1.2949
Applicable only for Non-RPP Customers		
Distribution Volumetric Def Var Disp 2011 - effective until Monday, April 30, 2012	\$/kW	0.3762
Distribution Volumetric Tax Change - effective until Monday, April 30, 2012	\$/kW	(0.2545)
Retail Transmission Rate - Network Service Rate	\$/kW	1.5275
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.2391

### 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
Statement of account	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Returned cheque charge (plus bank charges)	\$	25.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

**Non-Payment of Account**

Late Payment - per month	%	1.50
Late Payment - per annum	%	19.56
Disconnect/Reconnect at meter - during regular hours	\$	85.00
Disconnect/Reconnect at meter - after regular hours	\$	185.00
Disconnect/Reconnect at pole - during regular hours	\$	185.00
Disconnect/Reconnect at pole - after regular hours	\$	415.00

**Other**

Install/Remove load control device - during regular hours	\$	65.00
Install/Remove load control device - after regular hours	\$	185.00
Service call - customer-owned equipment	\$	30.00
Service call - after regular hours	\$	165.00
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	1.0448
Total Loss Factor - Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0343
Total Loss Factor - Primary Metered Customer > 5,000 kW	N/A



Ontario Power Authority

120 Adelaide Street West  
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September 17, 2010

Mr. Tim Wilson, MBA  
Vice President, Customer Service & Conservation  
Thunder Bay Hydro Electricity Distribution Inc.  
34 Cumberland Street North, 8th Floor  
Thunder Bay ON P7A 4L4

**Re: 2008 OPA Conservation Program Results – estimated allocation to Thunder Bay Hydro Electricity Distribution Inc. service territory**

Dear Tim,

This letter is to confirm the purpose and status of the 2006-2008 Conservation Results Report Updates which were sent to LDCs on November 10<sup>th</sup> 2009 by the OPA.

The reports provide an estimated allocation of OPA-funded conservation program results for each LDC's service territory, from 2006, 2007 and 2008 programs. The reports are an update to the reports circulated in July 2009 which included final results for 2006 and 2007 programs and preliminary results for 2008 programs. The reports circulated last week included two updates:

- preliminary results for 2008 programs have been updated based on final results of OPA's 2008 conservation programs now that the evaluation process is complete.
- statistics from the recently published 2008 OEB Yearbook of Electricity Distributors have been used for allocation of 2008 provincial results.

No changes have been made to the 2006 or 2007 provincial program results or the estimated allocation of 2006 and 2007 results to individual LDC service territories. All results presented in the November 10<sup>th</sup> Report Update are considered final.

The results provided in the report are in accordance with current OPA practices and policies for reporting progress against the provincial conservation goals. Demand Response initiatives, for example, are reported based on the total DR resources that were available (based on contracted nameplate capacity) rather than the actual demand reduction which occurred at the one-hour system peak in 2008. Additionally, customer based generation resources shown for the Renewable Energy Standard Offer Program are based on total contracts signed in each year, rather than in-service date.

The OPA has used four distinct methodologies to estimate the allocation of provincial savings to individual LDC service territories, depending on the conservation program type. The specific allocation methodology that was used for each conservation initiative in 2006 through 2008 is summarized in the excel workbook provided in the Report Update.

The OPA welcomes inquiries regarding the estimation of province-wide results and/or allocation of these program results to individual LDC territories, however it is unable to provide any technical or regulatory advice to LDCs regarding specific treatment of these OPA funded program savings for the purposes of Lost Revenue Adjustment Mechanism or other filings by LDCs to the Ontario Energy Board (OEB). Such inquiries should be directed to the OEB.

These are the final results for 2008 programs. We do not anticipate any further adjustment to the 2008 conservation program results.

Yours truly,

A handwritten signature in black ink, appearing to read 'R. Paul Shervill', written over a horizontal line.

R. Paul Shervill  
Vice President  
Conservation

Name of LDC: Thunder Bay Hydro Electricity Distribution Inc.  
 File Number: EB-2010-0115  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9  
 Residential

Monthly Rates and Charges			
Metric	Current Rate	Applied For Rate	
Service Charge			
Service Charge Rate Adder(s)	10.17	9.88	
Service Charge Rate Rider(s)	1.97	1.97	
Distribution Volumetric Rate			
Distribution Volumetric Rate Adder(s)	0.0128	0.0124	
Low Voltage Volumetric Rate			
Low Voltage Volumetric Rate Rider(s)			
Retail Transmission Rate - Network Service Rate	0.0012	0.0021	
Retail Transmission Rate - Line and Transformation Connection Service Rate	0.0053	0.0054	
Retail Transmission Rate - Low Voltage Service Rate	0.0039	0.0045	
Wholesale Market Service Rate			
Rural Rate Protection Charge	0.0052	0.0052	
Special Purpose Charge	0.0013	0.0013	
Standard Supply Service - Administration Charge (if applicable)	0.0004	0.0004	
	0.25	0.25	

	800 kWh	kWh	0 kWh	kWh	Load Factor
<b>Consumption</b>	800				
<b>RPP Tier One</b>	600				

Loss Factor 1.0448

	Volume	Rate \$	Charge \$	Volume	Rate \$	Charge \$	%	% of Total Bill
<b>Residential</b>								
Energy First Tier (kWh)	600	0.0650	39.00	600	0.0650	39.00	0.0%	34.50%
Energy Second Tier (kWh)	236	0.0750	17.70	236	0.0750	17.70	0.0%	15.66%
<b>Sub-Total: Energy</b>			<b>56.70</b>			<b>56.70</b>	<b>0.0%</b>	<b>50.16%</b>
Service Charge	1	10.17	10.17	1	9.88	9.88	(2.9)%	8.74%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.0%	0.00%
Distribution Volumetric Rate	800	0.0128	10.24	800	0.0124	9.92	(3.1)%	8.77%
Distribution Volumetric Rate Adder(s)	800	0.0000	0.00	800	0.0000	0.00	0.0%	0.00%
Low Voltage Volumetric Rate	800	0.0000	0.00	800	0.0000	0.00	0.0%	0.00%
Distribution Volumetric Rate Rider(s)	800	-0.0012	-0.96	800	0.0021	1.68	(275.0)%	1.49%
<b>Total: Distribution</b>			<b>21.42</b>			<b>23.45</b>	<b>9.5%</b>	<b>20.74%</b>
Retail Transmission Rate - Network Service Rate	836	0.0053	4.43	836	0.0054	4.51	1.8%	3.99%
Retail Transmission Rate - Line and Transformation Connection Service Rate	836	0.0039	3.26	836	0.0045	3.76	15.3%	3.33%
Retail Transmission Rate - Low Voltage Volumetric Rate	836	0.0000	0.00	836	0.0000	0.00	0.0%	0.00%
<b>Total: Retail Transmission</b>			<b>7.69</b>			<b>8.27</b>	<b>7.5%</b>	<b>7.32%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>29.11</b>			<b>31.72</b>	<b>9.0%</b>	<b>28.06%</b>
Wholesale Market Service Rate	836	0.0052	4.35	836	0.0052	4.35	0.0%	3.85%
Rural Rate Protection Charge	836	0.0013	1.09	836	0.0013	1.09	0.0%	0.96%
Special Purpose Charge	836	0.0004	0.33	836	0.0004	0.33	0.0%	0.29%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.0%	0.22%
<b>Sub-Total: Regulatory</b>			<b>6.02</b>			<b>6.02</b>	<b>0.0%</b>	<b>5.33%</b>
Debt Retirement Charge (DRC)	800	0.00700	5.60	800	0.00700	5.60	2.7%	4.95%
Total Bill before Taxes			<b>97.43</b>			<b>100.04</b>	<b>2.7%</b>	<b>88.49%</b>
HST	97.43	13%	12.67	100.04	13%	13.01	2.7%	11.51%
<b>Total Bill</b>			<b>110.10</b>			<b>113.05</b>	<b>2.7%</b>	<b>100.00%</b>

Name of LDC: Thunder Bay Hydro Electricity Distribution Inc.  
 File Number: EB-2010-0115  
 Effective Date: Sunday, May 01, 2011  
 Version : 1.9  
 General Service Less Than 50 kW

Monthly Rates and Charges			
Metric	Current Rate	Applied For Rate	
Service Charge	\$ 17.86	17.89	
Service Charge Rate Adder(s)	\$ 1.97	1.97	
Service Charge Rate Rider(s)	\$ -	-	
Distribution Volumetric Rate	\$/kWh 0.0131	0.0131	
Distribution Volumetric Rate Adder(s)	\$/kWh -	-	
Low Voltage Volumetric Rate	\$/kWh -	-	
Distribution Volumetric Rate Rider(s)	\$/kWh 0.0021	0.0009	
Retail Transmission Rate - Network Service Rate	\$/kWh 0.0050	0.0051	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh 0.0036	0.0042	
Retail Transmission Rate - Low Voltage Service Rate	\$/kWh -	-	
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	750 kWh	0 kW
RPP Tier One			Load Factor

Loss Factor 1.0448

**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	0.0%
Energy Second Tier (kWh)	1,340	0.0750	100.50	1,340	0.0750	100.50	0.0%
<b>Sub-Total: Energy</b>			<b>149.25</b>			<b>149.25</b>	<b>53.86%</b>
Service Charge	1	17.86	17.86	1	17.89	17.89	0.0%
Service Charge Rate Rider(s)	1	0.00	0.00	1	0.00	0.00	0.0%
Distribution Volumetric Rate	2,000	0.0131	26.20	2,000	0.0131	26.20	0.0%
Distribution Volumetric Rate Adder(s)	2,000	0.0000	0.00	2,000	0.0000	0.00	0.0%
Low Voltage Volumetric Rate	2,000	0.0000	0.00	2,000	0.0000	0.00	0.0%
Distribution Volumetric Rate Rider(s)	2,000	-0.0021	-4.20	2,000	0.0009	1.80	0.0%
<b>Total: Distribution</b>			<b>41.83</b>			<b>47.86</b>	<b>14.4%</b>
Retail Transmission Rate - Network Service Rate	2,090	0.0050	10.45	2,090	0.0051	10.66	0.0%
Retail Transmission Rate - Line and Transformation Connection Service Rate	2,090	0.0036	7.52	2,090	0.0042	8.78	0.0%
Retail Transmission Rate - Low Voltage Volumetric Rate	2,090	0.0000	0.00	2,090	0.0000	0.00	0.0%
<b>Total: - Retail Transmission</b>			<b>17.97</b>			<b>19.44</b>	<b>8.2%</b>
<b>Sub-Total: Delivery (Distribution and Retail Transmission)</b>			<b>59.80</b>			<b>67.30</b>	<b>12.5%</b>
Wholesale Market Service Rate	2,090	0.0052	10.87	2,090	0.0052	10.87	0.0%
Rural Rate Protection Charge	2,090	0.0013	2.72	2,090	0.0013	2.72	0.0%
Special Purpose Charge	2,090	0.0004	0.84	2,090	0.0004	0.84	0.0%
Standard Supply Service - Administration Charge (if applicable)	1	0.25	0.25	1	0.25	0.25	0.0%
<b>Sub-Total: Regulatory</b>			<b>14.68</b>			<b>14.68</b>	<b>5.30%</b>
Debt Retirement Charge (DRC)	2,000	0.00700	14.00	2,000	0.00700	14.00	0.0%
Total Bill before Taxes	237.73		237.73	245.23		245.23	3.2%
HST		13%	30.90		13%	31.88	3.2%
<b>Total Bill</b>			<b>268.63</b>			<b>277.11</b>	<b>100.00%</b>