2011 IRM3 SHARED TAX SAVINGS WORKFORM

Name of LDC: Thunder Bay Hydro Electricity Distribution Inc.
File Number: IRM3
Effective Date: Sunday, May 01, 2011
Version : 1.0

LDC Information

Applicant Name	**Thunder Bay Hydro Electricity Distribution Inc.**
OEB Application Number	**IRM3**
LDC Licence Number	**ED-2002-0529**
Applied for Effective Date	**May 1, 2011**
Last COS Re-based Year	**2009**
Last COS OEB Application Number	**EB-2008-0245**

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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 Chg RRider Var	Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation

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Rate Class and Re-Based Billing Determinants & Rates

Last COS Re-based Year: 2009

Last COS OEB Application Number: EB-2008-0245

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	44,635	350,217,935		9.86	0.0124	
GSLT50	General Service Less Than 50 kW	Customer	kWh	4,466	144,258,193		17.86	0.0131	
GSGT50	General Service 50 to 999 kW	Customer	kW	511	305,337,414	718,710	239.24		1.3460
GSGT50	General Service 1,000 to 4,999 kW	Customer	kW	19	194,477,088	561,149	2,542.63		2.0302
USL	Unmetered Scattered Load	Connection	kWh	437	1,786,004		8.91	0.0130	
Sen	Sentinel Lighting	Connection	kW	176	146,789	402	6.41		5.1418
SL	Street Lighting	Connection	kW	13,091	10,616,947	31,276	2.13		12.9238
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						

Enter "Rate ReBal Base" rates from Sheet "F1.1 Rate Reb Base Dist Rts Gen" of

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Calculated Re-Based Revenue From Rates

Last COS Re-based Year 2009

Last COS OEB Application Number EB-2008-0245

Rate Class	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	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	44,635	350,217,935	0	9.86	0.0124	0.0000	5,280,224	4,345,504	0	9,625,728
General Service Less Than 50 kW	4,466	144,258,193	0	17.86	0.0131	0.0000	957,153	1,889,782	0	2,846,935
General Service 50 to 999 kW	511	305,337,414	718,710	239.24	0.0000	1.3460	1,467,020	0	967,384	2,434,403
General Service 1,000 to 4,999 kW	19	194,477,088	561,149	2,542.63	0.0000	2.0302	579,720	0	1,139,272	1,718,992
Unmetered Scattered Load	437	1,786,004	0	8.91	0.0130	0.0000	46,724	23,218	0	69,942
Sentinel Lighting	176	146,789	402	6.41	0.0000	5.1418	13,538	0	2,067	15,605
Street Lighting	13,091	10,616,947	31,276	2.13	0.0000	12.9238	335,351	0	404,204	739,556
							8,679,730	6,258,505	2,512,927	17,451,161

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Z-Factor Tax Changes

Summary - Sharing of Tax Change Forecast Amounts

1. Tax Related Amounts Forecast from Capital Tax Rate Changes	2009	2010	2011	2012
Taxable Capital	$90,681,904	$90,681,904	$90,681,904	$90,681,904
Deduction from taxable capital up to $15,000,000	$15,000,000	$15,000,000	$15,000,000	$15,000,000
Net Taxable Capital	$75,681,904	$75,681,904	$75,681,904	$75,681,904
Rate	0.225%	0.150%	0.000%	0.000%
Ontario Capital Tax (Deductible, not grossed-up)	**$ 170,284**	**$ 56,606**	**$ -**	**$ -**

2. Tax Related Amounts Forecast from Income Tax Rate Changes	2009	2010	2011	2012
Regulatory Taxable Income	$ 1,443,057	$ 1,443,057	$ 1,443,057	$ 1,443,057
Corporate Tax Rate	32.83%	29.61%	25.74%	23.91%
Tax Impact	$ 473,789	$ 427,272	$ 371,385	$ 345,038
Grossed-up Tax Amount	**$ 705,382**	**$ 606,997**	**$ 500,087**	**$ 453,462**

	2009	2010	2011	2012
Tax Related Amounts Forecast from Capital Tax Rate Changes	$ 170,284	$ 56,606	$ -	$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	$ 705,382	$ 606,997	$ 500,087	$ 453,462
Total Tax Related Amounts	**$ 875,666**	**$ 663,603**	**$ 500,087**	**$ 453,462**
Incremental Tax Savings		**-$ 212,063**	**-$ 375,579**	**-$ 422,204**
Sharing of Tax Savings (50%)		**-$ 106,032**	**-$ 187,790**	**-$ 211,102**

Ontario

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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	$9,625,728.0473	55.16%	-$103,581	350,217,935	0	-$0.0003	
General Service Less Than 50 kW	$2,846,935	16.31%	-$30,635	144,258,193	0	-$0.0002	
General Service 50 to 999 kW	$2,434,403	13.95%	-$26,196	305,337,414	718,710		-$0.0364
General Service 1,000 to 4,999 kW	$1,718,992	9.85%	-$18,498	194,477,088	561,149		-$0.0330
Unmetered Scattered Load	$69,942	0.40%	-$753	1,786,004	0	-$0.0004	
Sentinel Lighting	$15,605	0.09%	-$168	146,789	402		-$0.4177
Street Lighting	$739,556	4.24%	-$7,958	10,616,947	31,276		-$0.2545
	$17,451,161	100.00%	-$187,790				
	H		-				
			I				

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