

July 24, 2009

Ontario Energy Board

2300 Yonge Street, Suite 2700

Toronto, ON M4P 1E4

Attn: Ms. K. Walli, Board Secretary

Re: Tillsonburg Hydro Inc. Draft Rate Order EB-2008-0246

Dear Ms. Walli

Please find enclosed Tillsonburg Hydro Inc.'s Draft Rate Order in the above named proceeding. The enclosed materials have been provided to the intervenors of record in the proceeding via email.

Please inform us if you have any questions or require any further information.

Yours very truly,



S. T. Lund, P. Eng

General Manager

Filed: July 24, 2009

Tillsonburg Hydro Inc. ("THI") filed an application, dated August 22, 2008, seeking a Board order or orders authorizing changed distribution rates, Board file number EB-2008-0246. The Board issued its Decision with Reasons on July 10, 2009. The attached materials are submitted in fulfillment of the Board's requirement that THI file its Draft Rate Order ("DRO") no later than July 24, 2009. THI's proposed Draft Rate Order is provided at Attachment A.

To derive the proposed Draft Rate Order provided at Attachment A, THI first prepared the regulatory schedules consistent with the Board's Decision. To appropriately update the Working Cash Allowance THI adopted the Cost of Power – Commodity specified by the Board in the Decision. THI's Updated Working Cash Allowance also reflects updated proposed Retail Transmission Service Rates ("RTSR"). Briefly, THI estimated the proportional change in the level of the Board authorized Uniform Transmission Rates from 2008 to those effective July 1, 2009 and adjusted its RTSRs according to these proportions. THI also estimated the additional carrying charges on deferral and variance accounts for the period May 1 to August 31, 2009. The results are provided at Attachment B. The rates associated with the Board's findings, as well as the estimated bill impacts by customer class are provided at Attachment C. As Attachment C shows, the computed Bill Impacts that would be experienced by many customer classes would exceed 10%.

Attachment D documents THI's initial mitigation of these estimated bill impacts. The mitigation was achieved by:

- Returning Variance and Deferral account balances over the period September 1, 2009 to April 30, 2010; and
- Collecting foregone distribution revenue of the period June 15, 2009 to August 31, 2009 over the period from September 1, 2009 to April 30, 2011.

The derivation of the proposed rate riders that recover foregone distribution revenue is also provided at Attachment D.

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Inspection of Attachment D shows that General Service <50 kW, General Service >1,500 kW, Unmetered Scattered Load, Sentinel Lighting customers would still experience bill impacts of greater than 10%. THI further proposed to mitigate its proposed distribution rates by:

- setting the General Service < 50 kW Revenue:Cost ratio to 110% (versus the previously estimated 120%);
- increasing the Revenue:Cost ratio of the General Service 50 – 499 kW customer class from 60% to 69% (versus the previously estimated 70%);
- increasing the Revenue:Cost ratio of the General Service >1,500 kW customer class from 10% to 33% (versus the previously estimated 45%); and
- reducing the Revenue:Cost ratio of the Sentinel Lighting customer class to 113% (versus the previously estimated 134%).
- maintaining the Street Lighting Class Revenue:Cost ratio at 115%, the Unmetered Scattered Load Class at 165% and the General Service 500 – 1,499 kW class at 51%; and
- adjusting the Residential class Revenue:Cost ratio to 129% (versus the previously estimated 122%).

The resulting rates and estimated bill impacts are provided at Attachment E.

The estimated bill impact to THI's average Sentinel Lighting customer has been mitigated to 10% or less. The April 30, 2010 expiration of the Rate Rider that disposes of the Variance and Deferral Account balances will favourably impact this customer class.

THI has made one further adjustment to its proposed distribution rates. The proposed fixed monthly General Service 500 – 1,499 kW rate has been decreased to \$950 so that the variable rate is approximately equal to the transformer ownership allowance.

Attachment A –

Proposed Draft Rate Order

Proposed Draft Rate Order

Effective ☐
May 1/09

Residential

Service Charge	\$	12.15
Distribution Volumetric Rate	\$/kWh	0.0215
Regulatory Asset Recovery (1)	\$/kWh	(0.0004)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0007
LRAM/SSM Rate Rider (2)	\$/kWh	0.0006
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
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 kW

Service Charge	\$	25.53
Distribution Volumetric Rate	\$/kWh	0.0134
Regulatory Asset Recovery (1)	\$/kWh	(0.0015)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 kW, <500 kW

Service Charge	\$	112.26
Distribution Volumetric Rate	\$/kW	1.4304
Regulatory Asset Recovery (1)	\$/kW	(0.8180)
Recovery of Uncollected Revenue (2)	\$/kW	0.0770
Retail Transmission Rate – Network Service Rate	\$/kW	1.8219
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5486
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	\$	1.18
Distribution Volumetric Rate	\$/kW	9.9051
Regulatory Asset Recovery (1)	\$/kW	1.0362
Recovery of Uncollected Revenue (2)	\$/kW	0.3341

Retail Transmission Rate – Network Service Rate	\$/kW	1.5001
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2750
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

Service Charge	\$	1,336.76
Distribution Volumetric Rate	\$/kW	6.7321
Regulatory Asset Recovery (1)	\$/kW	(0.4208)
Recovery of Uncollected Revenue (2)	\$/kW	0.2894
Retail Transmission Rate – Network Service Rate	\$/kW	1.4962
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2716
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

Service Charge	\$	12.38
Distribution Volumetric Rate	\$/kWh	0.0197
Regulatory Asset Recovery (1)	\$/kWh	(0.0016)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0012
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 >500 kW, <1,500 kW

Service Charge	\$	950.50
Distribution Volumetric Rate	\$/kW	0.5962
Regulatory Asset Recovery (1)	\$/kW	(1.0572)
Recovery of Uncollected Revenue (2)	\$/kW	0.0153
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
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 >1,500 kW

Service Charge	\$	1,158.92
Distribution Volumetric Rate	\$/kW	1.7194
Regulatory Asset Recovery (1)	\$/kW	(1.2981)
Recovery of Uncollected Revenue (2)	\$/kW	0.1596
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Returned Cheque charge (plus bank charges)	\$	15.00
Account set up charge / change of occupancy charge	\$	30.00
Special Meter reads	\$	30.00
Late Payment - per month	%	1.50
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
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Install / remove load control device – after regular hours	\$	185.00
Service call – after regular hours	\$	165.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Transformer Allowance for Ownership - per kW of billing demand/month	\$	0.60
Retailer Service Agreement -- standard charge	\$	100.00
Retailer Service Agreement -- monthly fixed charge (per retailer)	\$	20.00
Retailer Service Agreement -- monthly variable charge (per customer)	\$	0.50
Distributor-Consolidated Billing -- monthly charge (per customer)	\$	0.30
Retailer-Consolidated Billing -- monthly credit (per customer)	\$	-0.30
Service Transaction Request -- request fee (per request)	\$	0.25
Service Transaction Request -- processing fee (per processed request)	\$	0.50

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

LOSS FACTORS

Primary Metered Customer < 5,000 kW	1.0320
Secondary Metered Customer < 5,000 kW	1.0420

(1) Expires April 30, 2010

(2) Expires April 30, 2011

Attachment B - regulatory schedules per the Board's Decision with Reasons

Attachment B.1 – derivation of proposed Retail Transmission Service Rates

Customer Class	Tillsonburg Hydro RTSR Network		
	2008 RTSR - Network	Adjustment (1)	Updated RTSR - Network
Residential	0.0045	15.15%	0.0052
General Service < 50 kW	0.0041	15.15%	0.0047
General Service >50 kW, <500 kW	1.5822	15.15%	1.8219
General Service >500 kW, <5,000 kW	2.0733	15.15%	2.3874
Sentinel Lighting	1.3027	15.15%	1.5001
Street Lighting	1.2993	15.15%	1.4962
Unmetered Scattered Load	0.0041	15.15%	0.0047
General Service >500 kW, <1,500 kW	2.0733	15.15%	2.3874
General Service >1,500 kW	2.0733	15.15%	2.3874

	Tillsonburg Hydro RTSR Connection		
	2008 RTSR - Connection	Adjustment (2)	Updated RTSR - Connection
Residential	0.0043	3.18%	0.0044
General Service < 50 kW	0.0039	3.18%	0.004
General Service >50 kW, <500 kW	1.5008	3.18%	1.5486
General Service >500 kW, <5,000 kW	2.0442	3.18%	2.1092
Sentinel Lighting	1.2357	3.18%	1.275
Street Lighting	1.2324	3.18%	1.2716
Unmetered Scattered Load	0.0039	3.18%	0.004
General Service >500 kW, <1,500 kW	2.0442	3.18%	2.1092
General Service >1,500 kW	2.0442	3.18%	2.1092

TOTAL

(1) Network Transmission Rate per THI Application: \$2.31 /kW

Authorized Network Transmission Rate: \$2.66 /kW

Adjustment: 15.15%

(2) Line Connection Transmission Rate per THI application: \$0.59 /kW

Transformation Connection Transmission Rate per THI Applicat \$1.61 /kW

Total Connection Transmission Rate per THI Application: \$2.20 /kW

Authorized Line Connection Transmission Rate: \$0.70 /kW

Authorized Transformation Connection Transmission Rate: \$1.57 /kW

Total Authorized Connection Transmission Rate \$2.27 /kW

Adjustment: 3.18%

Filed: July 24, 2009

Attachment B.2 – update to proposed Working Cash Allowance

This attachment has been filed in confidence with the OEB because it contains commercially sensitive information.

A single paper copy will be filed with the OEB pursuant to the OEB's rules on confidential filings.

Tillsonburg Hydro Inc.

EB-2008-0246

Draft Rate Order

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Attachment B.3 – Updated Operations, Maintenance and Administrative costs of the 2009 Test Year

Appendix 1-3

Account Grouping	2009 @ new dist. rates
3500-Distribution Expenses - Operation	714,542
3550-Distribution Expenses - Maintenance	186,092
3650-Billing and Collecting	501,622
3700-Community Relations	
3800-Administrative and General Expenses	461,544
3950-Taxes Other Than Income Taxes	
OM&A Expenses	1,863,799

Reconciliation of THI Proposed OM&A to OEB Authorized	
THI Proposed OM&A - April 2009	\$2,135,524

OEB Adjustments

Description	Impact
Cost of Living Adjustment	\$6,750
50% of 2 apprentice linemen	\$60,000
Denial of ORAM	\$102,000
Denial of 2 incremental Board members	\$18,400
Denial of Paper and Postage	\$31,500
THI share of CIS capital cost (1)	\$21,825
Rate Rebasing Application	\$31,250
Total	\$271,725

OEB Authorized 2009 Test Year OM&A	\$1,863,799
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(1) Derivation: $\$308,500 * 71.7\% / 4$ (2) Derivation: $\$125,000 / 4$

Tillsonburg Hydro Inc.

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Attachment B.4 – updated 2009 Test Year Rate Base

RateMaker 2009 release 1.1 © Elenchus Research Associates

Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

D1 Rate Base Summary

Enter the Working Capital Allowance factor

Working Capital Allowance

		2009
Eligible Distribution Expenses:	(1)	
3500-Distribution Expenses - Operation		714,542
3550-Distribution Expenses - Maintenance		186,092
3650-Billing and Collecting		501,622
3700-Community Relations		
3800-Administrative and General Expenses		461,544
3950-Taxes Other Than Income Taxes		
Total Eligible Distribution Expenses		1,863,799
3350-Power Supply Expenses	(2)	14,428,839
Total Expenses for Working Capital		16,292,638
Working Capital Allowance	15.0%	2,443,896

(1) From sheet B4

(2) From sheet C2

TOTAL RATE BASE

		2009
Net Fixed Assets in Service:	(3)	
Opening Balance		6,149,499
Closing Balance		<u>6,335,744</u>
Average Balance		6,242,621
Working Capital Allowance		2,443,896
TOTAL RATE BASE		8,686,517

(3) From Sheet B3

Tillsonburg Hydro Inc.

EB-2008-0246

Draft Rate Order

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Attachment B.5 – updated PILs expense of the 2009 Test Year

RateMaker 2009 release 1.1 © Elenchus Research Associates

Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

E4 PILs results

see sheet P8 of JCreview.11Aug08.RMpils.Tillsonburg.xls workbook

Enter PILs amounts for 2008 & 2009 from PILs model

	PILs file name: JCreview.11Aug08.RMpils.Tillsonburg.xls		
	2008 Projection	2009 at Existing Rates	2009 at new Revenue Req.
PILs Amount	76,461	22,980	51,903
PILs with gross-up			62,159

Tillsonburg Hydro Inc.

EB-2008-0246

Draft Rate Order

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Attachment B.6 – updated 2009 TY Revenue Requirement

RateMaker 2009 release 1.1 © Elenchus Research Associates

Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F1 Distribution Revenue Requirement

Enter adjustments for non-recurring items in 2009 to be addressed via rate adder

		2009 ☐ Projection	Non-recurring items (Total)	2009 ☐ Normalized	Comment
OM&A Expenses	<i>from sheet D1</i>	1,863,799		1,863,799	
3850-Amortization Expense	<i>from sheet E2</i>	491,357		491,357	
Total Distribution Expenses		2,355,156		2,355,156	
Regulated Return On Capital	<i>from sheet D3</i>	654,736		654,736	
PILs (with gross-up)	<i>from sheet E4</i>	62,159		62,159	
Service Revenue Requirement		3,072,052		3,072,052	
Less: Revenue Offsets	<i>from sheet C9</i>	130,733		130,733	
Base Revenue Requirement		2,941,319		2,941,319	

Tillsonburg Hydro Inc.

EB-2008-0246

Draft Rate Order

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Attachment B.7 – updated 2009 TY Revenue Deficiency

RateMaker 2009 release 1.1 © Elenchus Research Associates

G7 Variance Analysis: Revenue Sufficiency / Deficiency

	2009 ☐ Projection	2008 ☐ Projection	Var #	Var %
Utility Income	140,433	357,492	-217,058	(60.7%)
Utility Rate Base <i>from sheet G6</i>	8,686,517	8,622,102	64,415	0.7%
Indicated Rate of Return	1.62%	4.15%	(2.53%)	(61.0%)
Requested / Approved Rate of Return <i>from sheet D3</i>	7.54%	7.54%		
Sufficiency / (Deficiency) in Return	(5.92%)	(3.39%)	(2.53%)	(74.6%)
Net Revenue Sufficiency / (Deficiency)	-514,303	-292,390	-221,913	(75.9%)
Provision for PILs/Taxes *	-39,179		-39,179	
Gross Revenue Sufficiency / (Deficiency)	-553,482	-292,390	-261,092	(89.3%)
Deemed Overall Debt Rate <i>from sheet D3</i>	7.18%	7.25%	(0.07%)	(1.0%)
Deemed Cost of Debt <i>from sheet D3</i>	353,251	312,551	40,699	13.0%
Utility Income less Deemed Cost of Debt	-212,817	44,940	-257,758	(573.6%)
Return On Deemed Equity	(5.65%)	1.20%	(6.86%)	(570.0%)
UTILITY INCOME <i>from sheets E1 & E2 (except PILS / Income Taxes)</i>				
Total Net Revenues	2,518,570	2,523,508	-4,939	(0.2%)
OM&A Expenses	1,863,799	1,626,967	236,832	14.6%
Depreciation & Amortization	491,357	462,589	28,768	6.2%
Taxes other than PILs / Income Taxes				
Total Costs & Expenses	2,355,156	2,089,556	265,601	12.7%
Utility Income before Income Taxes / PILs	163,413	433,953	-270,539	(62.3%)
PILs / Income Taxes <i>from sheet E4</i>	22,980	76,461	-53,481	(69.9%)
Utility Income	140,433	357,492	-217,058	(60.7%)

* In 2009: difference between amounts on sheet E4 for 2009 at existing rates vs. 2009 at new revenue requirement;
in 2008: Net Sufficiency / (Deficiency) multiplied by grossed-up effective tax rate on Utility Income.

Attachment B.8 – Charge Parameters

Customer Class	2009 Test Year Charge Parameters		2009 Charge Parameters - May 1 - June 14, 2009		2009 Charge Parameters - June 15, 2009 - August 31, 2010		2009 Charge Parameters - September 1, 2009 - April 30, 2010	
	kWh	kW	kWh	kW	kWh	kW	kWh	kW
Residential	49,583,434	0	6113026	0	10595912	0	32874496	0
General Service < 50 kW	24,428,744	0	3011763	0	5220389	0	16196592	0
General Service >50 kW, <500 kW	35,624,529	101,127	4392065	12468	7612913	21611	23619551	67049
Sentinel Lighting	73,943	205	9116	25	15802	44	49025	136
Street Lighting	1,310,738	3,783	161598	466	280103	808	869037	2508
Unmetered Scattered Load	472,835	0	58295	0	101044	0	313496	0
General Service >500 kW, <1,500 kW	24,500,614	53,192	3020624	6558	5235748	11367	16244243	35267
General Service >1,500 kW	45,716,514	88,121	5636283	10864	9769556	18831	30310675	58425
Total	181,711,351	246,429	22402770	30381	38831467	52661	120477115	163386
Number of Days	365	365	45	45	78	78	242	242

Filed: July 24, 2009

Attachment C – draft rate order and Estimated Bill Impacts per the Board's Decision with Reasons

Attachment C.1 – Draft Rate Order per the Board's Decision, no mitigation

Draft Rate Order

Effective ☐

May 1/09

Residential

Service Charge	\$	12.15
Distribution Volumetric Rate	\$/kWh	0.0194
Regulatory Asset Recovery (2)	\$/kWh	(0.0002)
Recovery of Uncollected Revenue (1)	\$/kWh	0.0011
LRAM/SSM Rate Rider (2)	\$/kWh	0.0006
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
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 kW

Service Charge	\$	25.53
Distribution Volumetric Rate	\$/kWh	0.0154
Regulatory Asset Recovery (2)	\$/kWh	(0.0006)
Recovery of Uncollected Revenue (1)	\$/kWh	0.0017
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 kW, <500 kW

Service Charge	\$	112.26
Distribution Volumetric Rate	\$/kW	1.4646
Regulatory Asset Recovery (2)	\$/kW	(0.3261)
Recovery of Uncollected Revenue (1)	\$/kW	0.2041
Retail Transmission Rate – Network Service Rate	\$/kW	1.8219
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5486
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	\$	1.18
Distribution Volumetric Rate	\$/kW	12.7599
Regulatory Asset Recovery (2)	\$/kW	0.4117
Recovery of Uncollected Revenue (1)	\$/kW	1.7614

Retail Transmission Rate – Network Service Rate	\$/kW	1.5001
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2750
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

Service Charge	\$	1,336.76
Distribution Volumetric Rate	\$/kW	6.7321
Regulatory Asset Recovery (1)	\$/kW	(0.1678)
Recovery of Uncollected Revenue (1)	\$/kW	0.7258
Retail Transmission Rate – Network Service Rate	\$/kW	1.4962
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2716
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

Service Charge	\$	12.38
Distribution Volumetric Rate	\$/kWh	0.0197
Regulatory Asset Recovery (2)	\$/kWh	(0.0006)
Recovery of Uncollected Revenue (1)	\$/kWh	0.0031
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 >500 kW, <1,500 kW

Service Charge	\$	1,158.92
Distribution Volumetric Rate	\$/kW	0.2200
Regulatory Asset Recovery (2)	\$/kW	(0.4215)
Recovery of Uncollected Revenue (1)	\$/kW	(0.0829)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
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 >1,500 kW

Service Charge	\$	1,158.92
Distribution Volumetric Rate	\$/kW	2.2985
Regulatory Asset Recovery (2)	\$/kW	(0.5175)
Recovery of Uncollected Revenue (1)	\$/kW	0.5870
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Returned Cheque charge (plus bank charges)	\$	15.00
Account set up charge / change of occupancy charge	\$	30.00
Special Meter reads	\$	30.00
Late Payment - per month	%	1.50
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
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Install / remove load control device – after regular hours	\$	185.00
Service call – after regular hours	\$	165.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Transformer Allowance for Ownership - per kW of billing demand/month	\$	0.60
Retailer Service Agreement -- standard charge	\$	100.00
Retailer Service Agreement -- monthly fixed charge (per retailer)	\$	20.00
Retailer Service Agreement -- monthly variable charge (per customer)	\$	0.50
Distributor-Consolidated Billing -- monthly charge (per customer)	\$	0.30
Retailer-Consolidated Billing -- monthly credit (per customer)	\$	-0.30
Service Transaction Request -- request fee (per request)	\$	0.25
Service Transaction Request -- processing fee (per processed request)	\$	0.50

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

LOSS FACTORS

Primary Metered Customer < 5,000 kW	1.0320
Secondary Metered Customer < 5,000 kW	1.0420

(1) Expires April 30, 2010

(2) Expires April 30, 2011

Attachment C.2 – Estimated Bill Impacts

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Residential

Volume		RPP	Distribution Charges		Total Bill	
kWh *	kW	Rate Class	\$ change	% change	\$ change	% change
250		Summer	\$1.38	8.8%	\$2.03	5.9%
1,500		Summer	\$5.75	16.2%	\$9.59	6.1%
500		Summer	\$2.25	11.5%	\$3.54	6.2%
1,000		Summer	\$4.00	14.5%	\$6.55	6.2%
1,000		Winter	\$4.00	14.5%	\$6.54	6.0%
2,000		Winter	\$7.50	17.3%	\$12.59	5.8%
2,000		Summer	\$7.50	17.3%	\$12.61	6.1%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service < 50

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
1,000		n/a	\$5.90	16.8%	\$14.43	12.7%
2,000		n/a	\$11.30	25.1%	\$28.36	14.0%
5,000		n/a	\$27.50	36.7%	\$70.16	15.0%
10,000		n/a	\$54.50	43.6%	\$139.83	15.3%
15,000		n/a	\$81.50	46.6%	\$209.51	15.5%
3,256		n/a	\$18.08	31.4%	\$45.86	14.6%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >50 l

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
15,000	60	n/a	\$38.49	23.8%	\$149.14	10.6%
25,000	100	n/a	\$63.81	32.7%	\$248.24	11.0%
100,000	500	n/a	\$317.05	60.1%	\$1,071.28	11.8%
		n/a				
		n/a				
42,574	124	n/a	\$79.00	36.8%	\$385.41	10.7%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
655,475	1,390	n/a				
1,889,257	3,706	n/a				
742,137	1,595	n/a				

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Sentinel Lighting

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
150	1.00	Non-res.	\$5.44	64.1%	\$7.88	36.1%
200	1.00	Non-res.	\$5.44	64.1%	\$7.89	31.1%
72	0.20	n/a	\$1.09	41.2%	\$2.06	25.1%
78	0.20	Non-res.	\$1.09	41.2%	\$1.59	18.1%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Street Lighting

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
150	1.00	n/a	\$2.25	0.2%	\$4.05	0.3%
110.842	320.00	n/a	\$720.96	26.0%	\$1,719.36	15.1%
110.842	320.00	Non-res.	\$720.96	26.0%	\$999.46	7.9%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Unmetered Scattered

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
730		n/a	\$7.08	36.0%	\$14.35	18.6%
2,226		Non-res.	\$21.59	62.3%	\$29.25	12.9%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >500

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
225,000	500.00	n/a	(\$128.15)	(9.2%)	\$1,320.06	6.8%
335,000	750.00	n/a	(\$192.48)	(12.7%)	\$1,963.04	7.0%
450,000	1,000.00	n/a	(\$256.80)	(15.7%)	\$2,639.62	7.1%
575,000	1,250.00	n/a	(\$321.13)	(18.3%)	\$3,383.34	7.1%
650,000	1,500.00	n/a	(\$385.45)	(20.6%)	\$3,791.31	7.1%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >1.5l

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
666,666	1,500	n/a	\$2,732.30	>100%	\$7,615.79	13.9%
1,000,000	2,500	n/a	\$4,553.50	>100%	\$11,990.88	14.5%
1,500,000	3,500	n/a	\$6,374.70	>100%	\$17,418.62	14.2%
2,900,000	4,500	n/a	\$8,195.90	>100%	\$28,530.66	12.7%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

Attachment C.3 – Revenue Requirement

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Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F1 Distribution Revenue Requirement

Enter adjustments for non-recurring items in 2009 to be addressed via rate adder

		2009 ☐ Projection	Non-recurring items (Total)	2009 ☐ Normalized	Comment
OM&A Expenses	<i>from sheet D1</i>	1,863,799		1,863,799	
3850-Amortization Expense	<i>from sheet E2</i>	491,357		491,357	
Total Distribution Expenses		2,355,156		2,355,156	
Regulated Return On Capital	<i>from sheet D3</i>	654,736		654,736	
PILs (with gross-up)	<i>from sheet E4</i>	62,159		62,159	
Service Revenue Requirement		3,072,052		3,072,052	
Less: Revenue Offsets	<i>from sheet C9</i>	130,733		130,733	
Base Revenue Requirement		2,941,319		2,941,319	

Attachment C.4: derivation of Proposed Rates – step 1

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Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F3 Cost Allocation

Enter selected amounts from sheets 'O1' and 'O2' of Cost Allocation model

Customer Class Name	REVENUE ALLOCATION (sheet O1)						
	Service Revenue Requirement	%	Miscellaneous Revenue (mi)	%	Base Revenue Requirement *	%	Revenue to Expenses %
Residential	1,235,467	51.34%	89,263	74.69%	1,146,204	50.12%	132.96%
General Service < 50 kW	379,768	15.78%	12,563	10.51%	367,205	16.06%	119.70%
General Service >50 kW, <500 kW	275,137	11.43%	6,849	5.73%	268,288	11.73%	60.68%
Sentinel Lighting	2,227	0.09%	60	0.05%	2,167	0.09%	146.88%
Street Lighting	28,596	1.19%	530	0.44%	28,066	1.23%	114.94%
Unmetered Scattered Load	5,886	0.24%	162	0.14%	5,724	0.25%	209.43%
General Service >500 kW, <1,500 kW	141,860	5.89%	3,124	2.61%	138,736	6.07%	42.39%
General Service >1,500 kW	337,659	14.03%	6,966	5.83%	330,693	14.46%	10.01%
TOTAL (from Column C of sheet O1)	2,406,600	100.00%	119,518	100.00%	2,287,082	100.00%	100.00%
	OK	OK	OK	OK	OK	OK	

* Service Revenue Requirement less Miscellaneous Revenue

Customer Class Name	CUSTOMER UNIT COST PER MONTH (sheet O2)				
	Avoided Costs (Minimum Charge)	Directly Related	Minimum System with PLCC * adjustment	Existing Fixed Rate	Maximum Charge **
Residential	\$4.33	\$6.59	\$12.81	\$11.39	\$12.81
General Service < 50 kW	\$10.35	\$14.62	\$28.34	\$24.77	\$28.34
General Service >50 kW, <500 kW	\$33.50	\$45.99	\$55.14	\$111.50	\$111.50
Sentinel Lighting	\$0.83	\$1.29	\$7.13	\$1.18	\$7.13
Street Lighting	\$0.63	\$0.97	\$6.77	\$1,336.76	\$1,336.76
Unmetered Scattered Load	\$0.83	\$1.29	\$7.03	\$12.38	\$12.38
General Service >500 kW, <1,500 kW	\$147.85	\$208.46	\$232.56	\$1,158.16	\$1,158.16
General Service >1,500 kW	\$139.01	\$196.76	\$239.90	\$1,158.16	\$1,158.16

* PLCC = 'Peak Load Carrying Capability'

** Greater of 'Directly Related', 'Minimum System with PLCC adjustment', and Existing Fixed Rate

Attachment C.5 – derivation of Proposed Rates – step 2

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F4 Revenue Requirement Allocation

Customer Class Name	Outstanding Base Revenue Requirement %			Outstanding Base Revenue Requirement \$ ³			Directly Assigned Revenues ³	Total Base Revenue Requirement
	Cost Allocation ¹	Existing Rates ²	Rate Application	Cost Allocation	Existing Rates	Rate Application		
Residential	50.12%	64.66%	60.97%	1,474,084	1,901,790	1,793,334		1,793,334
General Service < 50 kW	16.06%	17.52%	19.27%	472,247	515,250	566,696		566,696
General Service >50 kW, <500 kW	11.73%	7.18%	8.21%	345,034	211,204	241,524		241,524
Sentinel Lighting	0.09%	0.11%	0.13%	2,787	3,111	3,734		3,734
Street Lighting	1.23%	1.33%	1.41%	36,094	39,194	41,509		41,509
Unmetered Scattered Load	0.25%	0.31%	0.41%	7,361	8,972	12,146		12,146
General Service >500 kW, <1,500 kW	6.07%	5.52%	3.09%	178,422	162,278	90,995		90,995
General Service >1,500 kW	14.46%	3.38%	6.51%	425,290	99,519	191,381		191,381
TOTAL	100.00%	100.00%	100.00%	2,941,320	2,941,319	2,941,319		2,941,319
			OK			OK		

¹ from sheet F3

² from sheet C4

³ from sheet F2

Customer Class Name	Total Base Revenue Requirement	Transformer Allowance Recovery ⁴	Low Voltage Revenue Required ⁵	Gross Base Revenue Requirement
Residential	1,793,334			1,793,334
General Service < 50 kW	566,696			566,696
General Service >50 kW, <500 kW	241,524	462		241,986
Sentinel Lighting	3,734			3,734
Street Lighting	41,509			41,509
Unmetered Scattered Load	12,146			12,146
General Service >500 kW, <1,500 kW	90,995	31,915		122,911
General Service >1,500 kW	191,381	52,873		244,253
TOTAL	2,941,319	85,250		3,026,569
		OK		

⁴ Volume per sheet C4: total allocations must match total amount of allowances

⁵ allocated per table below:

2009 Transformer Allowances

	Volume ⁴	Rate	Amount
kW:	142,083	(\$0.6000)	-85,250

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F4 Revenue Requirement Allocation

Customer Class Name	Test Year Revenues ⁶ Transmission - Connection	Class Share	Low Voltage Charges ⁷
Residential	227,374	28.7%	
General Service < 50 kW	101,839	12.9%	
General Service >50 kW, <500 kW	156,606	19.8%	
Sentinel Lighting	261	0.0%	
Street Lighting	4,810	0.6%	
Unmetered Scattered Load	1,971	0.2%	
General Service >500 kW, <1,500 kW	112,193	14.2%	
General Service >1,500 kW	185,865	23.5%	
TOTAL	790,919	100.0%	
		OK	

⁶ charge type per sheet Y4: amounts per sheet C2:

⁷ Total per sheet C2: allocated to customer classes based on Class Share

Customer Class Name	Rate Application			Cost Allocation	Variance	Target Range	
	Allocated Revenue ⁸	Allocated Cost ⁸	Revenue to Cost Ratio	Revenue to Cost Ratio ⁹		Floor	Ceiling
Residential	1,793,334	1,474,084	1.22	1.33	-0.11	0.85	1.15
General Service < 50 kW	566,696	472,247	1.20	1.20	0.00	0.80	1.20
General Service >50 kW, <500 kW	241,524	345,034	0.70	0.61	0.09	0.80	1.80
Sentinel Lighting	3,734	2,787	1.34	1.47	-0.13	0.70	1.20
Street Lighting	41,509	36,094	1.15	1.15	0.00	0.70	1.20
Unmetered Scattered Load	12,146	7,361	1.65	2.09	-0.44	0.80	1.20
General Service >500 kW, <1,500	90,995	178,422	0.51	0.42	0.09	0.70	1.20
General Service >1,500 kW	191,381	425,290	0.45	0.10	0.35	0.80	1.20
TOTAL	2,941,319	2,941,320	1.00	1.00	-0.00		

⁸ see first table above (Outstanding Revenue Requirement \$)

⁹ from sheet F3

Attachment C.6 – derivation of Proposed Rates – step 3

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F5 Fixed/Variable Rate Design

Customer Class Name	Existing Rates (1)			Cost Allocation - Minimum Fixed Rate (2)			Cost Allocation - Maximum Fixed Rate (2)		
	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %
Residential	\$11.39	50.74%	49.26%	\$4.33	17.22%	82.78%	\$12.81	50.93%	49.07%
General Service < 50 kW	\$24.77	43.66%	56.34%	\$10.35	13.96%	86.04%	\$28.34	38.23%	61.77%
General Service >50 kW, <500 kW	\$111.50	52.69%	47.31%	\$33.50	11.63%	88.37%	\$111.50	38.70%	61.30%
Sentinel Lighting	\$1.18	42.72%	57.28%	\$0.83	21.07%	78.93%	\$7.13	181.00%	-81.00%
Street Lighting	\$1,336.76	48.63%	51.37%	\$0.63	0.02%	99.98%	\$1,336.76	38.65%	61.35%
Unmetered Scattered Load	\$12.38	37.38%	62.62%	\$0.83	1.56%	98.44%	\$12.38	23.24%	76.76%
General Service >500 kW, <1,500 kW	\$1,158.16	81.41%	18.59%	\$147.85	11.55%	88.45%	\$1,158.16	90.46%	9.54%
General Service >1,500 kW	\$1,158.16	49.78%	50.22%	\$139.01	2.05%	97.95%	\$1,158.16	17.07%	82.93%

(1) per sheet C4

(2) Rates per sheet F3; %s based on # customers per sheet C1 and revenue requirement allocated to customer class per sheet F4

Customer Class Name	Existing Fixed/Variable Split (3)			Rate Application			Resulting Usage		(4) Existing Usage Rate
	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %	Rate	per	
Residential	\$12.76	50.74%	49.26%	\$11.65	46.32%	53.68%	\$0.0194	kWh	\$0.0159
General Service < 50 kW	\$32.37	43.66%	56.34%	\$25.03	33.76%	66.24%	\$0.0154	kWh	\$0.0100
General Service >50 kW, <500 kW	\$151.80	52.69%	47.31%	\$111.76	38.80%	61.20%	\$1.4646	kW	\$0.8315
Sentinel Lighting	\$1.68	42.72%	57.28%	\$1.18	29.95%	70.05%	\$12.7599	kW	\$7.3155
Street Lighting	\$1,682.16	48.63%	51.37%	\$1,336.76	38.65%	61.35%	\$6.7321	kW	\$4.4791
Unmetered Scattered Load	\$19.91	37.38%	62.62%	\$12.38	23.24%	76.76%	\$0.0197	kWh	\$0.0100
General Service >500 kW, <1,500 kW	\$1,042.31	81.41%	18.59%	\$1,158.42	90.48%	9.52%	\$0.2200	kW	\$0.4773
General Service >1,500 kW	\$3,377.56	49.78%	50.22%	\$1,158.42	17.07%	82.93%	\$2.2985	kW	\$0.4773

(3) %s per Existing Rates, Rate based on Revenue Requirement allocated to Customer Class per sheet F4 and # customers per sheet C1

(4) per sheet C4

Filed: July 24, 2009

Attachment C.7 – verification that rates recover the revenue requirement plus the Transformer Ownership Allowance

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F6 Reconciliation of Rates with Revenue / Recovery Requirements

DISTRIBUTION CHARGES

Customer Class Name	Fixed Charge			Variable Charge			Gross Revenue from Distribution Charges		
	Rate ¹	Volume ²	Revenue ³	Rate ¹	Volume ²	Revenue ³	Calculated *	Allocated **	Difference
Residential	\$11.65	71,304	830,692	\$0.0194	49,583,434	961,919	1,792,610	1,793,334	-723
General Service < 50 kW	\$25.03	7,644	191,329	\$0.0154	24,428,744	376,203	567,532	566,696	836
General Service >50 kW, <500 kW	\$111.76	840	93,878	\$1.4646	101,127	148,111	241,990	241,986	4
Sentinel Lighting	\$1.18	948	1,119	\$12.7599	205	2,616	3,734	3,734	-0
Street Lighting	\$1,336.76	12	16,041	\$6.7321	3,783	25,468	41,509	41,509	-0
Unmetered Scattered Load	\$12.38	228	2,823	\$0.0197	472,835	9,315	12,137	12,146	-9
General Service >500 kW, <1,500 kW	\$1,158.42	96	111,208	\$0.2200	53,192	11,702	122,911	122,911	-0
General Service >1,500 kW	\$1,158.42	36	41,703	\$2.2985	88,121	202,546	244,249	244,253	-4
TOTAL			1,288,793			1,737,879	3,026,672	3,026,569	104

¹ From sheet F5, rounded off to decimals displayed

² Fixed Charge = # Customers (Connections) multiplied by 12 (months); Variable Charge = # kW's or kWh's, as applicable (per sheet C1)

³ Rate x Volume

* Sum of 'Revenue' columns

** From sheet F4 (Gross Base Revenue Requirement)

Filed: July 24, 2009

Attachment C.8 – Derivation of Rate Riders that Dispose of Variance and Deferral Account Balances, over the period September 1, 2009 to April 30, 2011.

Customer Class	Balances to be Recovered			2009 Rate Rider			2010 Rate Rider		
	Balance to be Recovered	Balance to be Recovered in 2009	Balance to be Recovered in 2010	Balance to be Recovered in 2009	Charge Parameter	Rate Rider	Balance to be Recovered in 2009	Charge Parameter	Rate Rider
Residential	-14,120	-5630	-8491	-5630	32,874,496	-0.0002	-8491	49,583,434	-0.0002
General Service < 50 kW	-24,933	-9940	-14993	-9940	16,196,592	-0.0006	-14993	24,428,744	-0.0006
General Service >50 kW, <500 kW	-54,843	-21865	-32978	-21865	67,049	-0.3261	-32978	101,127	-0.3261
Sentinel Lighting	141	56	85	56	136	0.4117	85	205	0.4117
Street Lighting	-1,055	-421	-635	-421	2,508	-0.1678	-635	3,783	-0.1674
Unmetered Scattered Load	-499	-199	-300	-199	313,496	-0.0006	-300	472,835	-0.0006
General Service >500 kW, <1,500 kW	-37,283	-14864	-22419	-14864	35,267	-0.4215	-22419	53,192	-0.4215
General Service >1,500 kW	-75,842	-30237	-45605	-30237	58,425	-0.5175	-45605	88,121	-0.5175
		0	0						
Total	-208,435	-83099	-125336	-83,100			-125,336		
# days		242	365						

Attachment C.9 – Derivation of Rate Rider that Recovers LRAM/SSM awards

LRAM/SSM Rate Rider Derivation

LRAM/SSM Award		\$52,436
Annual Recovery	2009	\$20,905
	2010	\$31,531
Charge Parameter	2009	32,874,496
	2010	49,583,434
Rate Rider	2009	0.0006
	2010	0.0006

Filed: July 24, 2009

Attachment C.10 – Derivation of Rate Riders that Recover Foregone Revenue of the Period June 15 to August 31, 2009, for recovery during the period September 1, 2009 to April 30, 2010.

Derivation of Foregone Revenue for June 15 - August 31, 2009

Derivation of Proposed
Rate Rider

Customer Class	Proposed Variable Distribution Rate	Currently Authorized Variable Distribution Rate	Difference	Charge Parameter: June 15- August 31	Uncollected Revenue of the Period	Charge Parameter: September 1- April 30	Rate Rider
Residential	0.0194	0.0159	0.0035	10595912	37085.69	32874496	0.0011
General Service < 50 kW	0.0154	0.01	0.0054	5220389	28190.1	16196592	0.0017
General Service >50 kW, <500 kW	1.4646	0.8315	0.6331	21611	13681.92	67049	0.2041
Sentinel Lighting	12.7599	7.3155	5.4444	44	239.55	136	1.7614
Street Lighting	6.7321	4.4791	2.253	808	1820.42	2508	0.7258
Unmetered Scattered Load	0.0197	0.01	0.0097	101044	980.13	313496	0.0031
General Service >500 kW, <1,500 kW	0.22	0.4773	-0.2573	11367	-2924.73	35267	-0.0829
General Service >1,500 kW	2.2985	0.4773	1.8212	18831	34295.02	58425	0.587

Total

113368.1

Attachment D – draft rate order – bill mitigation via Rate Riders

Attachment D.1 - Draft Rate Order

Draft Rate Order

Effective ☐

May 1/09

Residential

Service Charge	\$	12.15
Distribution Volumetric Rate	\$/kWh	0.0194
Regulatory Asset Recovery (1)	\$/kWh	(0.0004)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0003
LRAM/SSM Rate Rider (2)	\$/kWh	0.0006
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
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 kW

Service Charge	\$	25.53
Distribution Volumetric Rate	\$/kWh	0.0154
Regulatory Asset Recovery (1)	\$/kWh	(0.0015)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 kW, <500 kW

Service Charge	\$	112.26
Distribution Volumetric Rate	\$/kW	1.4646
Regulatory Asset Recovery (1)	\$/kW	(0.8180)
Recovery of Uncollected Revenue (2)	\$/kW	0.0508
Retail Transmission Rate – Network Service Rate	\$/kW	1.8219
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5486
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	\$	1.18
Distribution Volumetric Rate	\$/kW	12.7599
Regulatory Asset Recovery (1)	\$/kW	1.0362
Recovery of Uncollected Revenue (2)	\$/kW	0.4387

Retail Transmission Rate – Network Service Rate	\$/kW	1.5001
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2750
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

Service Charge	\$	1,336.76
Distribution Volumetric Rate	\$/kW	6.7321
Regulatory Asset Recovery (1)	\$/kW	(0.4208)
Recovery of Uncollected Revenue (2)	\$/kW	0.1807
Retail Transmission Rate – Network Service Rate	\$/kW	1.4962
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2716
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

Service Charge	\$	12.38
Distribution Volumetric Rate	\$/kWh	0.0197
Regulatory Asset Recovery (1)	\$/kWh	(0.0016)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0008
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 >500 kW, <1,500 kW

Service Charge	\$	1,158.92
Distribution Volumetric Rate	\$/kW	0.2200
Regulatory Asset Recovery (1)	\$/kW	(1.0572)
Recovery of Uncollected Revenue (2)	\$/kW	(0.0206)
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
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 >1,500 kW

Service Charge	\$	1,158.92
Distribution Volumetric Rate	\$/kW	2.2985
Regulatory Asset Recovery (1)	\$/kW	(1.2981)
Recovery of Uncollected Revenue (2)	\$/kW	0.1461
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Returned Cheque charge (plus bank charges)	\$	15.00
Account set up charge / change of occupancy charge	\$	30.00
Special Meter reads	\$	30.00
Late Payment - per month	%	1.50
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
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Install / remove load control device – after regular hours	\$	185.00
Service call – after regular hours	\$	165.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Transformer Allowance for Ownership - per kW of billing demand/month	\$	0.60
Retailer Service Agreement -- standard charge	\$	100.00
Retailer Service Agreement -- monthly fixed charge (per retailer)	\$	20.00
Retailer Service Agreement -- monthly variable charge (per customer)	\$	0.50
Distributor-Consolidated Billing -- monthly charge (per customer)	\$	0.30
Retailer-Consolidated Billing -- monthly credit (per customer)	\$	-0.30
Service Transaction Request -- request fee (per request)	\$	0.25
Service Transaction Request -- processing fee (per processed request)	\$	0.50

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

LOSS FACTORS

Primary Metered Customer < 5,000 kW	1.0320
Secondary Metered Customer < 5,000 kW	1.0420

(1) Expires April 30, 2010

(2) Expires April 30, 2011

Attachment D.2 – Estimated Bill Impacts

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Residential

Volume		RPP	Distribution Charges		Total Bill	
kWh *	kW	Rate Class	\$ change	% change	\$ change	% change
250		Summer	\$1.38	8.8%	\$1.78	5.2%
1,500		Summer	\$5.75	16.2%	\$8.09	5.2%
500		Summer	\$2.25	11.5%	\$3.04	5.3%
1,000		Summer	\$4.00	14.5%	\$5.55	5.2%
1,000		Winter	\$4.00	14.5%	\$5.54	5.1%
2,000		Winter	\$7.50	17.3%	\$10.59	4.9%
2,000		Summer	\$7.50	17.3%	\$10.61	5.1%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service < 50

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
1,000		n/a	\$5.90	16.8%	\$12.23	10.8%
2,000		n/a	\$11.30	25.1%	\$23.96	11.8%
5,000		n/a	\$27.50	36.7%	\$59.16	12.6%
10,000		n/a	\$54.50	43.6%	\$117.83	12.9%
15,000		n/a	\$81.50	46.6%	\$176.51	13.0%
3,256		n/a	\$18.08	31.4%	\$38.70	12.3%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >50 l

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
15,000	60	n/a	\$38.49	23.8%	\$110.43	7.9%
25,000	100	n/a	\$63.81	32.7%	\$183.72	8.1%
100,000	500	n/a	\$317.05	60.1%	\$748.68	8.2%
		n/a				
		n/a				
42,574	124	n/a	\$79.00	36.8%	\$305.41	8.5%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
655,475	1,390	n/a				
1,889,257	3,706	n/a				
742,137	1,595	n/a				

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Sentinel Lighting

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
150	1.00	Non-res.	\$5.44	64.1%	\$7.18	32.9%
200	1.00	Non-res.	\$5.44	64.1%	\$7.19	28.3%
72	0.20	n/a	\$1.09	41.2%	\$1.92	23.4%
78	0.20	Non-res.	\$1.09	41.2%	\$1.45	16.5%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Street Lighting

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
150	1.00	n/a	\$2.25	0.2%	\$3.25	0.2%
110.842	320.00	n/a	\$720.96	26.0%	\$1,463.97	12.9%
110.842	320.00	Non-res.	\$720.96	26.0%	\$744.07	5.9%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Unmetered Scattered

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
730		n/a	\$7.08	36.0%	\$11.94	15.5%
2,226		Non-res.	\$21.59	62.3%	\$21.90	9.6%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >500

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
225,000	500.00	n/a	(\$128.15)	(9.2%)	\$1,033.36	5.4%
335,000	750.00	n/a	(\$192.48)	(12.7%)	\$1,532.99	5.4%
450,000	1,000.00	n/a	(\$256.80)	(15.7%)	\$2,066.22	5.5%
575,000	1,250.00	n/a	(\$321.13)	(18.3%)	\$2,666.59	5.6%
650,000	1,500.00	n/a	(\$385.45)	(20.6%)	\$2,931.21	5.5%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >1.5l

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
666,666	1,500	n/a	\$2,732.30	>100%	\$5,783.54	10.6%
1,000,000	2,500	n/a	\$4,553.50	>100%	\$8,937.13	10.8%
1,500,000	3,500	n/a	\$6,374.70	>100%	\$13,143.37	10.7%
2,900,000	4,500	n/a	\$8,195.90	>100%	\$23,033.91	10.2%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

Attachment D.3 – Revenue Requirement

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Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F1 Distribution Revenue Requirement

Enter adjustments for non-recurring items in 2009 to be addressed via rate adder

		2009 ☐ Projection	Non-recurring items (Total)	2009 ☐ Normalized	Comment
OM&A Expenses	<i>from sheet D1</i>	1,863,799		1,863,799	
3850-Amortization Expense	<i>from sheet E2</i>	491,357		491,357	
Total Distribution Expenses		2,355,156		2,355,156	
Regulated Return On Capital	<i>from sheet D3</i>	654,736		654,736	
PILs (with gross-up)	<i>from sheet E4</i>	62,159		62,159	
Service Revenue Requirement		3,072,052		3,072,052	
Less: Revenue Offsets	<i>from sheet C9</i>	130,733		130,733	
Base Revenue Requirement		2,941,319		2,941,319	

Attachment D.4: derivation of Proposed Rates – step 1

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Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F3 Cost Allocation

Enter selected amounts from sheets 'O1' and 'O2' of Cost Allocation model

Customer Class Name	REVENUE ALLOCATION (sheet O1)						
	Service Revenue Requirement	%	Miscellaneous Revenue (mi)	%	Base Revenue Requirement *	%	Revenue to Expenses %
Residential	1,235,467	51.34%	89,263	74.69%	1,146,204	50.12%	132.96%
General Service < 50 kW	379,768	15.78%	12,563	10.51%	367,205	16.06%	119.70%
General Service >50 kW, <500 kW	275,137	11.43%	6,849	5.73%	268,288	11.73%	60.68%
Sentinel Lighting	2,227	0.09%	60	0.05%	2,167	0.09%	146.88%
Street Lighting	28,596	1.19%	530	0.44%	28,066	1.23%	114.94%
Unmetered Scattered Load	5,886	0.24%	162	0.14%	5,724	0.25%	209.43%
General Service >500 kW, <1,500 kW	141,860	5.89%	3,124	2.61%	138,736	6.07%	42.39%
General Service >1,500 kW	337,659	14.03%	6,966	5.83%	330,693	14.46%	10.01%
TOTAL (from Column C of sheet O1)	2,406,600	100.00%	119,518	100.00%	2,287,082	100.00%	100.00%
	OK	OK	OK	OK	OK	OK	

* Service Revenue Requirement less Miscellaneous Revenue

Customer Class Name	CUSTOMER UNIT COST PER MONTH (sheet O2)				
	Avoided Costs (Minimum Charge)	Directly Related	Minimum System with PLCC * adjustment	Existing Fixed Rate	Maximum Charge **
Residential	\$4.33	\$6.59	\$12.81	\$11.39	\$12.81
General Service < 50 kW	\$10.35	\$14.62	\$28.34	\$24.77	\$28.34
General Service >50 kW, <500 kW	\$33.50	\$45.99	\$55.14	\$111.50	\$111.50
Sentinel Lighting	\$0.83	\$1.29	\$7.13	\$1.18	\$7.13
Street Lighting	\$0.63	\$0.97	\$6.77	\$1,336.76	\$1,336.76
Unmetered Scattered Load	\$0.83	\$1.29	\$7.03	\$12.38	\$12.38
General Service >500 kW, <1,500 kW	\$147.85	\$208.46	\$232.56	\$1,158.16	\$1,158.16
General Service >1,500 kW	\$139.01	\$196.76	\$239.90	\$1,158.16	\$1,158.16

* PLCC = 'Peak Load Carrying Capability'

** Greater of 'Directly Related', 'Minimum System with PLCC adjustment', and Existing Fixed Rate

Attachment D.5 – derivation of Proposed Rates – step 2

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F4 Revenue Requirement Allocation

Customer Class Name	Outstanding Base Revenue Requirement %			Outstanding Base Revenue Requirement \$ ³			Directly Assigned Revenues ³	Total Base Revenue Requirement
	Cost Allocation ¹	Existing Rates ²	Rate Application	Cost Allocation	Existing Rates	Rate Application		
Residential	50.12%	64.66%	60.97%	1,474,084	1,901,790	1,793,334		1,793,334
General Service < 50 kW	16.06%	17.52%	19.27%	472,247	515,250	566,696		566,696
General Service >50 kW, <500 kW	11.73%	7.18%	8.21%	345,034	211,204	241,524		241,524
Sentinel Lighting	0.09%	0.11%	0.13%	2,787	3,111	3,734		3,734
Street Lighting	1.23%	1.33%	1.41%	36,094	39,194	41,509		41,509
Unmetered Scattered Load	0.25%	0.31%	0.41%	7,361	8,972	12,146		12,146
General Service >500 kW, <1,500 kW	6.07%	5.52%	3.09%	178,422	162,278	90,995		90,995
General Service >1,500 kW	14.46%	3.38%	6.51%	425,290	99,519	191,381		191,381
TOTAL	100.00%	100.00%	100.00%	2,941,320	2,941,319	2,941,319		2,941,319
			OK				OK	

¹ from sheet F3

² from sheet C4

³ from sheet F2

Customer Class Name	Total Base Revenue Requirement	Transformer Allowance Recovery ⁴	Low Voltage Revenue Required ⁵	Gross Base Revenue Requirement
Residential	1,793,334			1,793,334
General Service < 50 kW	566,696			566,696
General Service >50 kW, <500 kW	241,524	462		241,986
Sentinel Lighting	3,734			3,734
Street Lighting	41,509			41,509
Unmetered Scattered Load	12,146			12,146
General Service >500 kW, <1,500 kW	90,995	31,915		122,911
General Service >1,500 kW	191,381	52,873		244,253
TOTAL	2,941,319	85,250		3,026,569
		OK		

⁴ Volume per sheet C4: total allocations must match total amount of allowances

⁵ allocated per table below:

2009 Transformer Allowances

	Volume ⁴	Rate	Amount
kW:	142,083	(\$0.6000)	-85,250

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F4 Revenue Requirement Allocation

Customer Class Name	Test Year Revenues ⁶ Transmission - Connection	Class Share	Low Voltage Charges ⁷
Residential	227,374	28.7%	
General Service < 50 kW	101,839	12.9%	
General Service >50 kW, <500 kW	156,606	19.8%	
Sentinel Lighting	261	0.0%	
Street Lighting	4,810	0.6%	
Unmetered Scattered Load	1,971	0.2%	
General Service >500 kW, <1,500 kW	112,193	14.2%	
General Service >1,500 kW	185,865	23.5%	
TOTAL	790,919	100.0%	
		OK	

⁶ charge type per sheet Y4: amounts per sheet C2:

⁷ Total per sheet C2: allocated to customer classes based on Class Share

Customer Class Name	Rate Application			Cost Allocation	Variance	Target Range	
	Allocated Revenue ⁸	Allocated Cost ⁸	Revenue to Cost Ratio	Revenue to Cost Ratio ⁹		Floor	Ceiling
Residential	1,793,334	1,474,084	1.22	1.33	-0.11	0.85	1.15
General Service < 50 kW	566,696	472,247	1.20	1.20	0.00	0.80	1.20
General Service >50 kW, <500 kW	241,524	345,034	0.70	0.61	0.09	0.80	1.80
Sentinel Lighting	3,734	2,787	1.34	1.47	-0.13	0.70	1.20
Street Lighting	41,509	36,094	1.15	1.15	0.00	0.70	1.20
Unmetered Scattered Load	12,146	7,361	1.65	2.09	-0.44	0.80	1.20
General Service >500 kW, <1,500	90,995	178,422	0.51	0.42	0.09	0.70	1.20
General Service >1,500 kW	191,381	425,290	0.45	0.10	0.35	0.80	1.20
TOTAL	2,941,319	2,941,320	1.00	1.00	-0.00		

⁸ see first table above (Outstanding Revenue Requirement \$)

⁹ from sheet F3

Attachment D.6 – derivation of Proposed Rates – step 3

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F5 Fixed/Variable Rate Design

Customer Class Name	Existing Rates (1)			Cost Allocation - Minimum Fixed Rate (2)			Cost Allocation - Maximum Fixed Rate (2)		
	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %
Residential	\$11.39	50.74%	49.26%	\$4.33	17.22%	82.78%	\$12.81	50.93%	49.07%
General Service < 50 kW	\$24.77	43.66%	56.34%	\$10.35	13.96%	86.04%	\$28.34	38.23%	61.77%
General Service >50 kW, <500 kW	\$111.50	52.69%	47.31%	\$33.50	11.63%	88.37%	\$111.50	38.70%	61.30%
Sentinel Lighting	\$1.18	42.72%	57.28%	\$0.83	21.07%	78.93%	\$7.13	181.00%	-81.00%
Street Lighting	\$1,336.76	48.63%	51.37%	\$0.63	0.02%	99.98%	\$1,336.76	38.65%	61.35%
Unmetered Scattered Load	\$12.38	37.38%	62.62%	\$0.83	1.56%	98.44%	\$12.38	23.24%	76.76%
General Service >500 kW, <1,500 kW	\$1,158.16	81.41%	18.59%	\$147.85	11.55%	88.45%	\$1,158.16	90.46%	9.54%
General Service >1,500 kW	\$1,158.16	49.78%	50.22%	\$139.01	2.05%	97.95%	\$1,158.16	17.07%	82.93%

(1) per sheet C4

(2) Rates per sheet F3; %s based on # customers per sheet C1 and revenue requirement allocated to customer class per sheet F4

Customer Class Name	Existing Fixed/Variable Split (3)			Rate Application			Resulting Usage		(4) Existing Usage Rate
	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %	Rate	per	
Residential	\$12.76	50.74%	49.26%	\$11.65	46.32%	53.68%	\$0.0194	kWh	\$0.0159
General Service < 50 kW	\$32.37	43.66%	56.34%	\$25.03	33.76%	66.24%	\$0.0154	kWh	\$0.0100
General Service >50 kW, <500 kW	\$151.80	52.69%	47.31%	\$111.76	38.80%	61.20%	\$1.4646	kW	\$0.8315
Sentinel Lighting	\$1.68	42.72%	57.28%	\$1.18	29.95%	70.05%	\$12.7599	kW	\$7.3155
Street Lighting	\$1,682.16	48.63%	51.37%	\$1,336.76	38.65%	61.35%	\$6.7321	kW	\$4.4791
Unmetered Scattered Load	\$19.91	37.38%	62.62%	\$12.38	23.24%	76.76%	\$0.0197	kWh	\$0.0100
General Service >500 kW, <1,500 kW	\$1,042.31	81.41%	18.59%	\$1,158.42	90.48%	9.52%	\$0.2200	kW	\$0.4773
General Service >1,500 kW	\$3,377.56	49.78%	50.22%	\$1,158.42	17.07%	82.93%	\$2.2985	kW	\$0.4773

(3) %s per Existing Rates, Rate based on Revenue Requirement allocated to Customer Class per sheet F4 and # customers per sheet C1

(4) per sheet C4

Filed: July 24, 2009

Attachment D.7 – verification that rates recover the revenue requirement plus the Transformer Ownership Allowance

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F6 Reconciliation of Rates with Revenue / Recovery Requirements

DISTRIBUTION CHARGES

Customer Class Name	Fixed Charge			Variable Charge			Gross Revenue from Distribution Charges		
	Rate ¹	Volume ²	Revenue ³	Rate ¹	Volume ²	Revenue ³	Calculated *	Allocated **	Difference
Residential	\$11.65	71,304	830,692	\$0.0194	49,583,434	961,919	1,792,610	1,793,334	-723
General Service < 50 kW	\$25.03	7,644	191,329	\$0.0154	24,428,744	376,203	567,532	566,696	836
General Service >50 kW, <500 kW	\$111.76	840	93,878	\$1.4646	101,127	148,111	241,990	241,986	4
Sentinel Lighting	\$1.18	948	1,119	\$12.7599	205	2,616	3,734	3,734	-0
Street Lighting	\$1,336.76	12	16,041	\$6.7321	3,783	25,468	41,509	41,509	-0
Unmetered Scattered Load	\$12.38	228	2,823	\$0.0197	472,835	9,315	12,137	12,146	-9
General Service >500 kW, <1,500 kW	\$1,158.42	96	111,208	\$0.2200	53,192	11,702	122,911	122,911	-0
General Service >1,500 kW	\$1,158.42	36	41,703	\$2.2985	88,121	202,546	244,249	244,253	-4
TOTAL			1,288,793			1,737,879	3,026,672	3,026,569	104

¹ From sheet F5, rounded off to decimals displayed

² Fixed Charge = # Customers (Connections) multiplied by 12 (months); Variable Charge = # kW's or kWh's, as applicable (per sheet C1)

³ Rate x Volume

* Sum of 'Revenue' columns

** From sheet F4 (Gross Base Revenue Requirement)

¹ From sheet C7 ('Proposed Rate Rider'), rounded off to decimals displayed

² Variable Charge = # kW's or kWh's, as applicable (per sheet C1)

³ Rate x Volume

* = 'Procceds' column

** From sheet C7 ('Annual Recovery Amounts')

Filed: July 24, 2009

Attachment D.8 – Derivation of Rate Riders that Dispose of Variance and Deferral Account Balances, for recovery over the period September 1, 2009 to April 30, 2010.

Customer Class	Variance and Deferral Account Balances to be Disposed of		Derivation of Proposed 2009 Rate Rider		
	Balance to be Disposed of	Balance to be Disposed of in 2009	Balance to be Recovered in 2009	Charge Parameter	Rate Rider
Residential	-14,120	-14,120	-14120.47327	32874496	-0.0004
General Service < 50 kW	-24,933	-24,933	-24932.9842	16196592	-0.0015
General Service >50 kW, <500 kW	-54,843	-54,843	-54843.37294	67049	-0.818
Sentinel Lighting	141	141	140.9306122	136	1.0362
Street Lighting	-1,055	-1,055	-1055.471008	2508	-0.4208
Unmetered Scattered Load	-499	-499	-498.75177	313496	-0.0016
General Service >500 kW, <1,500 kW	-37,283	-37,283	-37282.91696	35267	-1.0572
General Service >1,500 kW	-75,842	-75,842	-75841.66799	58425	-1.2981
Total	-208,435	-208,435	-208,435		

days 242

months 8

Attachment D.9 – Derivation of Rate Rider that Recovers LRAM/SSM awards

LRAM/SSM Award		\$52,436.00
Recovery	2009	\$20,905.29
	2010	\$31,530.71
Charge Parameter	2009	32,874,496 kWh
	2010	49,583,434 kWh
		82,457,930 kWh
Rate Rider		0.0006 \$/kWh

Filed: July 24, 2009

Attachment D.10 - Derivation of Rate Riders that Recover Foregone Revenue of the Period June 15 to August 31, 2009, for recovery over the period September 1, 2009 to April 30, 2011.

Derivation of Foregone Revenue for June 15 - August 31, 2009

Derivation of Proposed Rate
Rider

Customer Class	Proposed Variable Distribution Rate	Currently Authorized Variable Distribution Rate	Difference	Charge Parameter: June 15- August 31	Uncollected Revenue of the Period	Charge Parameter: September 1, 2009 - April 30, 2011	Rate Rider
Residential	0.0194	0.0159	0.0035	10595912	\$37,086	82,457,930	0.0004
General Service < 50 kW	0.0154	0.01	0.0054	5220389	\$28,190	40,625,336	0.0007
General Service >50 kW, <500 kW	1.4646	0.8315	0.6331	21611	\$13,682	168,176	0.0814
Sentinel Lighting	12.7599	7.3155	5.4444	44	\$240	341	0.7025
Street Lighting	6.7321	4.4791	2.253	808	\$1,820	6,291	0.2894
Unmetered Scattered Load	0.0197	0.01	0.0097	101044	\$980	786,331	0.0012
General Service >500 kW, <1,500 kW	0.22	0.4773	-0.2573	11367	-\$2,925	88,459	-0.0331
General Service >1,500 kW	2.2985	0.4773	1.8212	18831	\$34,295	146,546	0.234

Total

\$113,368

Filed: July 24, 2009

Attachment E – draft rate order and estimated bill impacts - bill mitigation via Revenue:Cost ratio changes

Attachment E.1 - Draft Rate Order

Proposed Draft Rate Order

Effective ☐
May 1/09

Residential

Service Charge	\$	12.15
Distribution Volumetric Rate	\$/kWh	0.0215
Regulatory Asset Recovery (1)	\$/kWh	(0.0004)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0007
LRAM/SSM Rate Rider (2)	\$/kWh	0.0006
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0052
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0044
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 kW

Service Charge	\$	25.53
Distribution Volumetric Rate	\$/kWh	0.0134
Regulatory Asset Recovery (1)	\$/kWh	(0.0015)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0004
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 kW, <500 kW

Service Charge	\$	112.26
Distribution Volumetric Rate	\$/kW	1.4304
Regulatory Asset Recovery (1)	\$/kW	(0.8180)
Recovery of Uncollected Revenue (2)	\$/kW	0.0770
Retail Transmission Rate – Network Service Rate	\$/kW	1.8219
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.5486
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	\$	1.18
Distribution Volumetric Rate	\$/kW	9.9051
Regulatory Asset Recovery (1)	\$/kW	1.0362
Recovery of Uncollected Revenue (2)	\$/kW	0.3341

Retail Transmission Rate – Network Service Rate	\$/kW	1.5001
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2750
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

Service Charge	\$	1,336.76
Distribution Volumetric Rate	\$/kW	6.7321
Regulatory Asset Recovery (1)	\$/kW	(0.4208)
Recovery of Uncollected Revenue (2)	\$/kW	0.2894
Retail Transmission Rate – Network Service Rate	\$/kW	1.4962
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	1.2716
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

Service Charge	\$	12.38
Distribution Volumetric Rate	\$/kWh	0.0197
Regulatory Asset Recovery (1)	\$/kWh	(0.0016)
Recovery of Uncollected Revenue (2)	\$/kWh	0.0012
Retail Transmission Rate – Network Service Rate	\$/kWh	0.0047
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kWh	0.0040
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 >500 kW, <1,500 kW

Service Charge	\$	950.50
Distribution Volumetric Rate	\$/kW	0.5962
Regulatory Asset Recovery (1)	\$/kW	(1.0572)
Recovery of Uncollected Revenue (2)	\$/kW	0.0153
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
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 >1,500 kW

Service Charge	\$	1,158.92
Distribution Volumetric Rate	\$/kW	1.7194
Regulatory Asset Recovery (1)	\$/kW	(1.2981)
Recovery of Uncollected Revenue (2)	\$/kW	0.1596
Retail Transmission Rate – Network Service Rate	\$/kW	2.3874
Retail Transmission Rate – Line and Transformation Connection Service Rate	\$/kW	2.1092
Wholesale Market Service Rate	\$/kWh	0.0052
Rural Rate Protection Charge	\$/kWh	0.0013
Standard Supply Service – Administrative Charge (if applicable)	\$	0.25

Specific Service Charges

Returned Cheque charge (plus bank charges)	\$	15.00
Account set up charge / change of occupancy charge	\$	30.00
Special Meter reads	\$	30.00
Late Payment - per month	%	1.50
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
Disconnect/Reconnect at pole – during regular hours	\$	185.00
Install / remove load control device – after regular hours	\$	185.00
Service call – after regular hours	\$	165.00
Specific Charge for Access to the Power Poles – per pole/year	\$	22.35
Transformer Allowance for Ownership - per kW of billing demand/month	\$	0.60
Retailer Service Agreement -- standard charge	\$	100.00
Retailer Service Agreement -- monthly fixed charge (per retailer)	\$	20.00
Retailer Service Agreement -- monthly variable charge (per customer)	\$	0.50
Distributor-Consolidated Billing -- monthly charge (per customer)	\$	0.30
Retailer-Consolidated Billing -- monthly credit (per customer)	\$	-0.30
Service Transaction Request -- request fee (per request)	\$	0.25
Service Transaction Request -- processing fee (per processed request)	\$	0.50

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

LOSS FACTORS

Primary Metered Customer < 5,000 kW	1.0320
Secondary Metered Customer < 5,000 kW	1.0420

(1) Expires April 30, 2010

(2) Expires April 30, 2011

Attachment E.2 – Estimated Bill Impacts

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Residential

Volume		RPP	Distribution Charges		Total Bill	
kWh *	kW	Rate Class	\$ change	% change	\$ change	% change
250		Summer	\$1.90	12.2%	\$2.40	7.0%
1,500		Summer	\$8.90	25.1%	\$11.84	7.6%
500		Summer	\$3.30	16.8%	\$4.29	7.5%
1,000		Summer	\$6.10	22.1%	\$8.05	7.6%
1,000		Winter	\$6.10	22.1%	\$8.04	7.4%
2,000		Winter	\$11.70	26.9%	\$15.59	7.2%
2,000		Summer	\$11.70	26.9%	\$15.61	7.6%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service < 50

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
1,000		n/a	\$3.90	11.1%	\$10.23	9.0%
2,000		n/a	\$7.30	16.2%	\$19.96	9.9%
5,000		n/a	\$17.50	23.3%	\$49.16	10.5%
10,000		n/a	\$34.50	27.6%	\$97.83	10.7%
15,000		n/a	\$51.50	29.4%	\$146.51	10.8%
3,256		n/a	\$11.57	20.1%	\$32.19	10.3%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >50 l

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
15,000	60	n/a	\$36.43	22.5%	\$109.94	7.8%
25,000	100	n/a	\$60.39	31.0%	\$182.92	8.1%
100,000	500	n/a	\$299.95	56.9%	\$744.68	8.2%
		n/a				
		n/a				
42,574	124	n/a	\$74.76	34.8%	\$304.42	8.5%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
655,475	1,390	n/a				
1,889,257	3,706	n/a				
742,137	1,595	n/a				

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Sentinel Lighting

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
150	1.00	Non-res.	\$2.59	30.5%	\$4.23	19.4%
200	1.00	Non-res.	\$2.59	30.5%	\$4.24	16.7%
72	0.20	n/a	\$0.52	19.6%	\$1.33	16.2%
78	0.20	Non-res.	\$0.52	19.6%	\$0.86	9.8%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Street Lighting

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
150	1.00	n/a	\$2.25	0.2%	\$3.36	0.2%
110.842	320.00	n/a	\$720.96	26.0%	\$1,498.75	13.2%
110.842	320.00	Non-res.	\$720.96	26.0%	\$778.85	6.2%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

Unmetered Scattered

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
730		n/a	\$7.08	36.0%	\$12.23	15.9%
2,226		Non-res.	\$21.59	62.3%	\$22.79	10.0%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >500

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
225,000	500.00	n/a	(\$148.47)	(10.6%)	\$1,030.99	5.3%
335,000	750.00	n/a	(\$118.75)	(7.8%)	\$1,633.64	5.8%
450,000	1,000.00	n/a	(\$89.02)	(5.4%)	\$2,269.90	6.1%
575,000	1,250.00	n/a	(\$59.30)	(3.4%)	\$2,973.29	6.3%
650,000	1,500.00	n/a	(\$29.57)	(1.6%)	\$3,340.94	6.2%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

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F8 Customer Bill Impact Analysis

RPP rates per sheet Y7

General Service >1.5l

Volume		RPP?	Distribution Charges		Total Bill	
kWh *	kW		\$ change	% change	\$ change	% change
666,666	1,500	n/a	\$1,863.65	99.4%	\$4,935.14	9.0%
1,000,000	2,500	n/a	\$3,105.75	>100%	\$7,523.13	9.1%
1,500,000	3,500	n/a	\$4,347.85	>100%	\$11,163.77	9.1%
2,900,000	4,500	n/a	\$5,589.95	>100%	\$20,488.71	9.1%

* Loss Factors (sheet F6) apply to certain pass-through charges (per sheet Y4)

Attachment E.3 – Revenue Requirement

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Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F1 Distribution Revenue Requirement

Enter adjustments for non-recurring items in 2009 to be addressed via rate adder

		2009 ☐ Projection	Non-recurring items (Total)	2009 ☐ Normalized	Comment
OM&A Expenses	<i>from sheet D1</i>	1,863,799		1,863,799	
3850-Amortization Expense	<i>from sheet E2</i>	491,357		491,357	
Total Distribution Expenses		2,355,156		2,355,156	
Regulated Return On Capital	<i>from sheet D3</i>	654,736		654,736	
PILs (with gross-up)	<i>from sheet E4</i>	62,159		62,159	
Service Revenue Requirement		3,072,052		3,072,052	
Less: Revenue Offsets	<i>from sheet C9</i>	130,733		130,733	
Base Revenue Requirement		2,941,319		2,941,319	

Attachment E.4: derivation of Proposed Rates – step 1

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Tillsonburg Hydro Inc. (ED-2003-0026)

2009 EDR Application (EB 2008-0246) version: 1

August 22, 2008

F3 Cost Allocation

Enter selected amounts from sheets 'O1' and 'O2' of Cost Allocation model

Customer Class Name	REVENUE ALLOCATION (sheet O1)						
	Service Revenue Requirement	%	Miscellaneous Revenue (mi)	%	Base Revenue Requirement *	%	Revenue to Expenses %
Residential	1,235,467	51.34%	89,263	74.69%	1,146,204	50.12%	132.96%
General Service < 50 kW	379,768	15.78%	12,563	10.51%	367,205	16.06%	119.70%
General Service >50 kW, <500 kW	275,137	11.43%	6,849	5.73%	268,288	11.73%	60.68%
Sentinel Lighting	2,227	0.09%	60	0.05%	2,167	0.09%	146.88%
Street Lighting	28,596	1.19%	530	0.44%	28,066	1.23%	114.94%
Unmetered Scattered Load	5,886	0.24%	162	0.14%	5,724	0.25%	209.43%
General Service >500 kW, <1,500 kW	141,860	5.89%	3,124	2.61%	138,736	6.07%	42.39%
General Service >1,500 kW	337,659	14.03%	6,966	5.83%	330,693	14.46%	10.01%
TOTAL (from Column C of sheet O1)	2,406,600	100.00%	119,518	100.00%	2,287,082	100.00%	100.00%
	OK	OK	OK	OK	OK	OK	

* Service Revenue Requirement less Miscellaneous Revenue

Customer Class Name	CUSTOMER UNIT COST PER MONTH (sheet O2)				
	Avoided Costs (Minimum Charge)	Directly Related	Minimum System with PLCC * adjustment	Existing Fixed Rate	Maximum Charge **
Residential	\$4.33	\$6.59	\$12.81	\$11.39	\$12.81
General Service < 50 kW	\$10.35	\$14.62	\$28.34	\$24.77	\$28.34
General Service >50 kW, <500 kW	\$33.50	\$45.99	\$55.14	\$111.50	\$111.50
Sentinel Lighting	\$0.83	\$1.29	\$7.13	\$1.18	\$7.13
Street Lighting	\$0.63	\$0.97	\$6.77	\$1,336.76	\$1,336.76
Unmetered Scattered Load	\$0.83	\$1.29	\$7.03	\$12.38	\$12.38
General Service >500 kW, <1,500 kW	\$147.85	\$208.46	\$232.56	\$1,158.16	\$1,158.16
General Service >1,500 kW	\$139.01	\$196.76	\$239.90	\$1,158.16	\$1,158.16

* PLCC = 'Peak Load Carrying Capability'

** Greater of 'Directly Related', 'Minimum System with PLCC adjustment', and Existing Fixed Rate

Attachment E.5 – derivation of Proposed Rates – step 2

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F4 Revenue Requirement Allocation

Customer Class Name	Outstanding Base Revenue Requirement %			Outstanding Base Revenue Requirement \$ ³			Directly Assigned Revenues ³	Total Base Revenue Requirement
	Cost Allocation ¹	Existing Rates ²	Rate Application	Cost Allocation	Existing Rates	Rate Application		
Residential	50.12%	64.66%	64.45%	1,474,084	1,901,790	1,895,630		1,895,630
General Service < 50 kW	16.06%	17.52%	17.66%	472,247	515,250	519,471		519,471
General Service >50 kW, <500 kW	11.73%	7.18%	8.09%	345,034	211,204	238,073		238,073
Sentinel Lighting	0.09%	0.105774%	0.107067%	2,787	3,111	3,149		3,149
Street Lighting	1.23%	1.33%	1.41%	36,094	39,194	41,509		41,509
Unmetered Scattered Load	0.25%	0.31%	0.41%	7,361	8,972	12,146		12,146
General Service >500 kW, <1,500 kW	6.07%	5.52%	3.09%	178,422	162,278	90,995		90,995
General Service >1,500 kW	14.46%	3.38%	4.77%	425,290	99,519	140,346		140,346
TOTAL	100.00%	100.00%	100.00%	2,941,320	2,941,319	2,941,320		2,941,320
			OK			OK		

¹ from sheet F3

² from sheet C4

³ from sheet F2

Customer Class Name	Total Base Revenue Requirement	Transformer Allowance Recovery ⁴	Low Voltage Revenue Required ⁵	Gross Base Revenue Requirement
Residential	1,895,630			1,895,630
General Service < 50 kW	519,471			519,471
General Service >50 kW, <500 kW	238,073	462		238,535
Sentinel Lighting	3,149			3,149
Street Lighting	41,509			41,509
Unmetered Scattered Load	12,146			12,146
General Service >500 kW, <1,500 kW	90,995	31,915		122,911
General Service >1,500 kW	140,346	52,873		193,218
TOTAL	2,941,320	85,250		3,026,570
		OK		

⁴ Volume per sheet C4: total allocations must match total amount of allowances

⁵ allocated per table below:

2009 Transformer Allowances

	Volume ⁴	Rate	Amount
kW:	142,083	(\$0.6000)	-85,250

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F4 Revenue Requirement Allocation

Customer Class Name	Test Year Revenues ⁶ Transmission - Connection	Class Share	Low Voltage Charges ⁷
Residential	227,374	28.7%	
General Service < 50 kW	101,839	12.9%	
General Service >50 kW, <500 kW	156,606	19.8%	
Sentinel Lighting	261	0.0%	
Street Lighting	4,810	0.6%	
Unmetered Scattered Load	1,971	0.2%	
General Service >500 kW, <1,500 kW	112,193	14.2%	
General Service >1,500 kW	185,865	23.5%	
TOTAL	790,919	100.0%	
		OK	

⁶ charge type per sheet Y4: amounts per sheet C2:

⁷ Total per sheet C2: allocated to customer classes based on Class Share

Customer Class Name	Rate Application			Cost Allocation	Variance	Target Range	
	Allocated Revenue ⁸	Allocated Cost ⁸	Revenue to Cost Ratio	Revenue to Cost Ratio ⁹		Floor	Ceiling
Residential	1,895,630	1,474,084	1.29	1.33	-0.04	0.85	1.15
General Service < 50 kW	519,471	472,247	1.10	1.20	-0.10	0.80	1.20
General Service >50 kW, <500 kW	238,073	345,034	0.69	0.61	0.08	0.80	1.80
Sentinel Lighting	3,149	2,787	1.13	1.47	-0.34	0.70	1.20
Street Lighting	41,509	36,094	1.15	1.15	0.00	0.70	1.20
Unmetered Scattered Load	12,146	7,361	1.65	2.09	-0.44	0.80	1.20
General Service >500 kW, <1,500	90,995	178,422	0.51	0.42	0.09	0.70	1.20
General Service >1,500 kW	140,346	425,290	0.33	0.10	0.23	0.80	1.20
TOTAL	2,941,320	2,941,320	1.00	1.00	-0.00		

⁸ see first table above (Outstanding Revenue Requirement \$)

⁹ from sheet F3

Attachment E.6 – derivation of Proposed Rates – step 3

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F5 Fixed/Variable Rate Design

Customer Class Name	Existing Rates (1)			Cost Allocation - Minimum Fixed Rate (2)			Cost Allocation - Maximum Fixed Rate (2)		
	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %
Residential	\$11.39	50.74%	49.26%	\$4.33	16.29%	83.71%	\$12.81	48.18%	51.82%
General Service < 50 kW	\$24.77	43.66%	56.34%	\$10.35	15.23%	84.77%	\$28.34	41.70%	58.30%
General Service >50 kW, <500 kW	\$111.50	52.69%	47.31%	\$33.50	11.80%	88.20%	\$111.50	39.26%	60.74%
Sentinel Lighting	\$1.18	42.72%	57.28%	\$0.83	24.99%	75.01%	\$7.13	214.63%	-114.63%
Street Lighting	\$1,336.76	48.63%	51.37%	\$0.63	0.02%	99.98%	\$1,336.76	38.65%	61.35%
Unmetered Scattered Load	\$12.38	37.38%	62.62%	\$0.83	1.56%	98.44%	\$12.38	23.24%	76.76%
General Service >500 kW, <1,500 kW	\$1,158.16	81.41%	18.59%	\$147.85	11.55%	88.45%	\$1,158.16	90.46%	9.54%
General Service >1,500 kW	\$1,158.16	49.78%	50.22%	\$139.01	2.59%	97.41%	\$1,158.16	21.58%	78.42%

(1) per sheet C4

(2) Rates per sheet F3; %s based on # customers per sheet C1 and revenue requirement allocated to customer class per sheet F4

Customer Class Name	Existing Fixed/Variable Split (3)			Rate Application			Resulting Usage		(4) Existing Usage Rate
	Rate	Fixed %	Variable %	Rate	Fixed %	Variable %	Rate	per	
Residential	\$13.49	50.74%	49.26%	\$11.65	43.82%	56.18%	\$0.0215	kWh	\$0.0159
General Service < 50 kW	\$29.67	43.66%	56.34%	\$25.03	36.83%	63.17%	\$0.0134	kWh	\$0.0100
General Service >50 kW, <500 kW	\$149.63	52.69%	47.31%	\$111.76	39.36%	60.64%	\$1.4304	kW	\$0.8315
Sentinel Lighting	\$1.42	42.72%	57.28%	\$1.18	35.52%	64.48%	\$9.9051	kW	\$7.3155
Street Lighting	\$1,682.16	48.63%	51.37%	\$1,336.76	38.65%	61.35%	\$6.7321	kW	\$4.4791
Unmetered Scattered Load	\$19.91	37.38%	62.62%	\$12.38	23.24%	76.76%	\$0.0197	kWh	\$0.0100
General Service >500 kW, <1,500 kW	\$1,042.31	81.41%	18.59%	\$950.00	74.20%	25.80%	\$0.5962	kW	\$0.4773
General Service >1,500 kW	\$2,671.85	49.78%	50.22%	\$1,158.42	21.58%	78.42%	\$1.7194	kW	\$0.4773

(3) %s per Existing Rates, Rate based on Revenue Requirement allocated to Customer Class per sheet F4 and # customers per sheet C1

(4) per sheet C4

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Attachment E.7 – verification that rates recover the revenue requirement plus the Transformer Ownership Allowance

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F6 Reconciliation of Rates with Revenue / Recovery Requirements

DISTRIBUTION CHARGES

Customer Class Name	Fixed Charge			Variable Charge			Gross Revenue from Distribution Charges		
	Rate ¹	Volume ²	Revenue ³	Rate ¹	Volume ²	Revenue ³	Calculated *	Allocated **	Difference
Residential	\$11.65	71,304	830,692	\$0.0215	49,583,434	1,066,044	1,896,735	1,895,630	1,105
General Service < 50 kW	\$25.03	7,644	191,329	\$0.0134	24,428,744	327,345	518,674	519,471	-797
General Service >50 kW, <500 kW	\$111.76	840	93,878	\$1.4304	101,127	144,653	238,531	238,535	-4
Sentinel Lighting	\$1.18	948	1,119	\$9.9051	205	2,031	3,149	3,149	0
Street Lighting	\$1,336.76	12	16,041	\$6.7321	3,783	25,468	41,509	41,509	-0
Unmetered Scattered Load	\$12.38	228	2,823	\$0.0197	472,835	9,315	12,137	12,146	-9
General Service >500 kW, <1,500 kW	\$950.00	96	91,200	\$0.5962	53,192	31,713	122,913	122,911	2
General Service >1,500 kW	\$1,158.42	36	41,703	\$1.7194	88,121	151,515	193,219	193,218	0
TOTAL			1,268,785			1,758,083	3,026,868	3,026,570	298

¹ From sheet F5, rounded off to decimals displayed

² Fixed Charge = # Customers (Connections) multiplied by 12 (months); Variable Charge = # kW's or kWh's, as applicable (per sheet C1)

³ Rate x Volume

* Sum of 'Revenue' columns

** From sheet F4 (Gross Base Revenue Requirement)

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Attachment E.8 – Derivation of Rate Riders that Dispose of Variance and Deferral Account Balances, for recovery over the period September 1, 2009 to April 30, 2010

2009 Rate Rider

Customer Class	Balance to be Recovered in 2009	Balance to be Recovered in 2009	Charge Parameter	Rate Rider
Residential	-14,120	-14120.47327	32874496	-0.0004
General Service < 50 kW	-24,933	-24932.9842	16196592	-0.0015
General Service >50 kW, <500 kW	-54,843	-54843.37294	67049	-0.818
Sentinel Lighting	141	140.9306122	136	1.0362
Street Lighting	-1,055	-1055.471008	2508	-0.4208
Unmetered Scattered Load	-499	-498.75177	313496	-0.0016
General Service >500 kW, <1,500 kW	-37,283	-37282.91696	35267	-1.0572
General Service >1,500 kW	-75,842	-75841.66799	58425	-1.2981
	0			
Total	-208,435	-208,435		
# days	242			
# months	8			

Attachment E.9 – Derivation of Rate Rider that Recovers LRAM/SSM awards

LRAM/SSM Award		\$52,436
Recovery	2009	\$20,905
	2010	\$31,531
Charge Parameter	2009	32,874,496 kWh
	2010	49,583,434 kWh
		82,457,930 kWh
Rate Rider		0.0006 \$/kWh

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Attachment E.10 – Derivation of Rate Riders that Recover Foregone Revenue of the Period June 15 to August 31, 2009, for recovery over the period September 1, 2009 to April 30, 2011

Derivation of Foregone Revenue for June 15 - August 31, 2009

Derivation of Proposed
Rate Rider

Customer Class	Proposed Variable Distribution Rate	Currently Authorized Variable Distribution Rate	Difference	Charge Parameter: June 15- August 31	Uncollected Revenue of the Period	Charge Parameter: September 1, 2009 - April 30, 2011	Rate Rider
Residential	0.0215	0.0159	0.0056	10,595,912	\$59,337	82,457,930	0.0007
General Service < 50 kW	0.0134	0.01	0.0034	5,220,389	\$17,749	40,625,336	0.0004
General Service >50 kW, <500 kW	1.4304	0.8315	0.5989	21,611	\$12,943	168,176	0.077
Sentinel Lighting	9.9051	7.3155	2.5896	44	\$114	341	0.3341
Street Lighting	6.7321	4.4791	2.253	808	\$1,820	6,291	0.2894
Unmetered Scattered Load	0.0197	0.01	0.0097	101,044	\$980	786,331	0.0012
General Service >500 kW, <1,500 kW	0.5962	0.4773	0.1189	11,367	\$1,352	88,459	0.0153
General Service >1,500 kW	1.7194	0.4773	1.2421	18,831	\$23,390	146,546	0.1596
Total					\$117,685		