



June 27, 2012

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

Dear Ms. Walli:

**Re: 2012 Cost of Service Rate Application for Halton Hills Hydro Inc.  
Reply Comments  
Board File no. EB-2011-0271**

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In accordance with the Board's Decision and Order dated June 14, 2012 and in response to Board Staff and Intervenor Comments filed June 25, 2012, Halton Hills Hydro Inc. hereby submits its Reply Comments in proceeding EB-2011-0271. Please find enclosed two (2) copies of the Reply Comments. Electronic copies of the documents have been filed through RESS and forwarded to Intervenors of Record.

Any questions or concerns can be directed towards, Mr. David J. Smelsky, Chief Financial Officer, Halton Hills Hydro Inc., (519) 853-3700 extension 208, [dsmelsky@haltonhillshydro.com](mailto:dsmelsky@haltonhillshydro.com).

Regards,

*Original signed*

Arthur A. Skidmore, CMA  
President & CEO

Cc: David J. Smelsky, CFO  
Richard King, Counsel to Halton Hills Hydro Inc.  
Intervenors on Record

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**IN THE MATTER OF** the Ontario Energy Board Act, 1998, being Schedule B to the Energy Competition Act, 1998, S.O. 1998, c.15;

**AND IN THE MATTER OF** an Application by Halton Hills Hydro Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity as of May 1, 2012.

**HALTON HILLS HYDRO INC. ("HHH")**

**REPLY COMMENTS**

**June 27, 2012**

**INTRODUCTION:**

Halton Hills Hydro Inc. ("HHH") owns and operates the electricity distribution system within its licensed service area of 280 square kilometres extending to the boundaries of the Town of Hills of which 255 square kilometres or 91% is a rural distribution system. HHH serves approximately 21,500 customers in the Town of Halton Hills.

On August 26, 2011, Halton Hills Hydro Inc. ("HHH") filed an application with the Ontario Energy Board (the "Board") under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B) seeking approval for changes to the rates that HHH charges for electricity distribution, to be effective May 1, 2012.

In 2006, the Board announced the establishment of a multi-year electricity distribution rate-setting plan. On March 1, 2011, the Board informed HHH that it would be one of the electricity distributors to have its rates rebased for the 2012 rate year. Accordingly, HHH filed

a cost of service application based on 2012 as the forward test year. In an effort to assist distributors in preparing their applications, the Board issued the *Filing Requirements for Transmission and Distribution Applications* on November 14, 2006.

Chapter 2 of that document, as amended on June 22, 2011, outlines the filing requirements for cost of service rate applications by electricity distributors, based on a forward test year.

In Procedural Order No. 1, dated October 14, 2011, the Board approved intervenor status and cost award eligibility for Energy Probe Research Foundation (“Energy Probe”), the School Energy Coalition (“SEC”), and Vulnerable Energy Consumers Coalition (“VECC”). The Board provided for written interrogatories and responses to these interrogatories from HHH.

In Procedural Order No. 2, dated December 15, 2011, the Board provided for supplementary interrogatories, a potential technical conference, a settlement conference, and the filing of any settlement proposal. In Procedural Order No.3, dated January 30, 2012, the Board confirmed that a technical conference would be required. The technical conference was held on February 1, 2012. Undertakings made by HHH at the Technical Conference were filed by February 6, 2012.

On February 6 and 7, 2012, a settlement conference was held and a partial settlement was reached. On February 16, 2012 HHH requested and was granted an extension of the date that had been set in Procedural Order No. 2 for filing a proposed settlement agreement. On February 28, 2012 the Board granted a further extension for filing a proposed settlement agreement. The parties filed a proposed Partial Settlement Agreement (the “Partial Agreement”) on February 28, 2012. The Partial Agreement identified five unsettled issues:

- Issue 2.3: inclusion of Green Energy Initiative in the rate base and related items in the revenue requirement
- Issue 11.1: property, plant and equipment (“PP&E”) deferral account amortization period;
- Issues 4.1 – 4.6: operations, maintenance and administration (“OM&A”) expense for the test year;
- Issue 5.2: long-term debt rate;

- Issue 9.2: deferral and variance account clearance.

The Partial Agreement noted that HHH would file updated evidence with respect to its PP&E Account, which tracks the amounts, including associated depreciation, attributable to the difference between CGAAP and IFRS calculations of net fixed assets as at the end of 2011.

In Procedural Order No. 4, dated March 5, 2012, the Board provided for updated evidence and an oral hearing on the unsettled issues. HHH filed its updated evidence on PP&E on March 12, 2012 and a further update on March 21, 2012. This second update reflected work that HHH had subsequently done in preparation for its 2011 audit.

An oral hearing was held on March 22, 2012. The Board confirmed its acceptance of the Partial Agreement. A number of undertakings arose from the oral hearing. These were filed by HHH on March 30, 2012. Two corrections to the undertakings were subsequently made and filed on April 3, 2012.

In Procedural Order No. 5 and Interim Rate Order dated March 26, 2012, the Board provided for HHH's argument-in-chief and submissions. It also declared HHH's existing distribution rates interim effective May 1, 2012. HHH filed its argument-in-chief on the unsettled issues on March 30, 2012. The intervenors and Board staff submitted their arguments on April 13, 2012, and HHH submitted its reply argument on April 25, 2012.

On June 14, 2012 the OEB issued its Decision and Order (the "Decision") on HHH's Application. In that Decision the OEB addressed the five (5) unsettled issues from the Partial Settlement.

HHH filed a Draft Rate Order on June 20, 2012. Board Staff and Energy Probe filed Comments on June 25, 2012. VECC stated they had no further comments and no comments were received from SEC.

Board Staff and Intervenor Comments, in addition to revised Tables and Appendices, are addressed in each Exhibit individually.

## **IMPLEMENTATION OF RATES**

In the Decision, the Board approves an effective date of May 1, 2012 for HHH's new rates with an implementation date of July 1, 2012.

HHH has provided its Revised Draft Tariff of Rates and Charges as Appendix A and a summary of the monthly bill impacts by customer class as Appendix B.

## **SUMMARY OF CHANGES**

HHH has provided the following Table RC 1 which sets out the significant adjustments to HHH's Application filed August 26, 2011, the Partial Settlement Agreement, the changes resulting from the Board Decision and the Board Staff and Intervenor comments on the Draft Rate Order.

**Table RC 1 – Revised Summary of Significant Adjustments (June 27, 2012)**

Particulars	Initial Application		Partial Settlement		Draft Rate Order		Reply Comments	
	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
Revenue Deficiency from Below		\$ 929,610		\$ 209,474		\$ (523,632)		\$ (584,243)
Distribution Revenue	\$ 9,165,845	\$ 9,165,845	\$ 9,202,162	\$ 9,202,183	\$ 9,202,162	\$ 9,196,163	\$ 9,202,162	\$ 9,205,729
Other Operating Revenue Offsets - net	\$ 1,142,245	\$ 1,142,245	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045
<b>Total Revenue</b>	<b>\$ 10,308,091</b>	<b>\$ 11,237,701</b>	<b>\$ 10,361,207</b>	<b>\$ 10,570,702</b>	<b>\$ 10,361,207</b>	<b>\$ 9,831,576</b>	<b>\$ 10,361,207</b>	<b>\$ 9,780,531</b>
Operating Expenses	\$ 8,021,426	\$ 8,021,426	\$ 7,664,214	\$ 7,664,214	\$ 7,168,093	\$ 7,168,093	\$ 7,219,049	\$ 7,219,049
Deemed Interest Expense	\$ 1,373,969	\$ 1,373,969	\$ 1,244,210	\$ 1,244,210	\$ 1,035,607	\$ 1,035,607	\$ 1,035,607	\$ 1,035,607
<b>Total Cost and Expenses</b>	<b>\$ 9,395,395</b>	<b>\$ 9,395,395</b>	<b>\$ 8,908,424</b>	<b>\$ 8,908,424</b>	<b>\$ 8,203,700</b>	<b>\$ 8,203,700</b>	<b>\$ 8,254,656</b>	<b>\$ 8,254,656</b>
<b>Utility Income Before Income Taxes</b>	<b>\$ 912,696</b>	<b>\$ 1,842,306</b>	<b>\$ 1,452,783</b>	<b>\$ 1,662,277</b>	<b>\$ 2,157,507</b>	<b>\$ 1,627,876</b>	<b>\$ 2,106,551</b>	<b>\$ 1,525,875</b>
Tax Adjustments to Accounting	\$ (1,341,194)	\$ (1,341,194)	\$ (1,208,116)	\$ (1,208,116)	\$ (1,190,116)	\$ (1,190,116)	\$ (1,190,116)	\$ (1,190,116)
Taxable Income	\$ (428,498)	\$ 501,112	\$ 244,667	\$ 454,161	\$ 967,391	\$ 437,760	\$ 916,435	\$ 335,759
Income Tax Rate	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Income Tax on Taxable Income	\$ (112,481)	\$ 131,542	\$ 21,213	\$ 39,376	\$ 76,627	\$ 34,671	\$ 70,107	\$ 25,686
Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Utility Net Income</b>	<b>\$ 1,025,177</b>	<b>\$ 1,710,764</b>	<b>\$ 1,431,570</b>	<b>\$ 1,622,884</b>	<b>\$ 2,080,880</b>	<b>\$ 1,598,726</b>	<b>\$ 2,036,444</b>	<b>\$ 1,496,896</b>
<b>Utility Rate Base</b>	<b>\$ 44,644,156</b>	<b>\$ 44,644,156</b>	<b>\$ 43,070,141</b>	<b>\$ 43,070,141</b>	<b>\$ 42,429,005</b>	<b>\$ 42,429,005</b>	<b>\$ 42,429,005</b>	<b>\$ 42,429,005</b>
Deemed Equity Portion of Rate Base	\$ 17,857,663	\$ 17,857,663	\$ 17,228,057	\$ 17,228,057	\$ 16,971,602	\$ 16,971,602	\$ 16,971,602	\$ 16,971,602
Income/(Equity Portion of Rate Base)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Target Return - Equity on Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Deficiency/Sufficiency in Return on Equity	\$ (0)	\$ -	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Indicated Rate of Return	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Requested Rate of Return on Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Deficiency/Sufficiency in Rate of Return	\$ (0)	\$ -	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Target Return on Equity</b>	<b>\$ 1,710,764</b>	<b>\$ 1,710,764</b>	<b>\$ 1,622,883</b>	<b>\$ 1,622,883</b>	<b>\$ 1,598,725</b>	<b>\$ 1,598,725</b>	<b>\$ 1,496,895</b>	<b>\$ 1,496,895</b>
<b>Revenue Deficiency/(Sufficiency)</b>	<b>\$ 685,588</b>	<b>\$ -</b>	<b>\$ 191,313</b>	<b>\$ 1</b>	<b>\$ (482,155)</b>	<b>\$ 1</b>	<b>\$ (539,548)</b>	<b>\$ 1</b>
<b>Gross Revenue Deficiency/(Sufficiency)</b>	<b>\$ 929,610</b>		<b>\$ 209,474</b>		<b>\$ (523,632)</b>		<b>\$ (584,243)</b>	

## ORGANIZATION

This Revised Draft Rate Order is organized according to the following issues as set out in the OEB Chapter 2 of the *Filing Requirements for Transmission and Distribution Applications* issued June 22, 2011. As stated above, only those Exhibits that change as a result of the Draft Rate Order filed June 20, 2012 and subsequent comments by Board Staff and Intervenors filed June 25, 2012, are being address.

- Exhibit 3 – Operating Revenue
- Exhibit 4 – Operating Costs
- Exhibit 6 – Calculation of Revenue Deficiency/Sufficiency
- Exhibit 7 – Cost Allocation
- Exhibit 8 – Rate Design
- Exhibit 9 – Deferral and Variance Accounts

The following Appendices accompany these Reply Comments:

- Appendix A – Draft Tariff of Rates and Charges
- Appendix B – Monthly Bill Impacts by Customer Class
- Appendix C – Revenue Requirement Work Form

## **EXHIBIT 2 – RATE BASE**

There were no further changes to Exhibit 2 -Rate Base as a result of comments received from Intervenors and Board Staff.

**EXHIBIT 3 – OPERATING REVENUE**

Board Staff and Intervenors submitted Comments on HHH's operating revenue.

HHH agrees and with both Board Staff and Energy Probe comments and has updated its Service Revenue Requirement and Base Revenue Requirement to \$9,780,531 and \$8,621,486 respectively. HHH has also removed the \$50,956 from other costs on the Revenue Requirement Work Form and reduced the ROE to 8.82% to reflect the reduction of the PP&E return.

The update Operating revenue is presented in the Table RC 2 below.

**Table RC 2 – Revised Changes to Operating Revenue (June 27, 2012)**

Description	Initial Application	Partial Settlement	Difference	Draft Rate Order	Difference
Service Revenue Requirement	\$ 11,237,701	\$10,570,702	\$ (666,998)	\$ 9,780,530	\$ (790,172)
Revenue Offsets	\$ 1,142,245	\$ 1,159,045	\$ 16,800	\$ 1,159,045	\$ 0
<b>Base Revenue Requirement</b>	<b>\$ 10,095,456</b>	<b>\$ 9,411,657</b>	<b>\$ (683,798)</b>	<b>\$ 8,621,485</b>	<b>\$ (790,173)</b>

**EXHIBIT 4 – OPERATING COSTS**

**Depreciation**

Board Staff requested that HHH provide the adjustment to depreciation amount broken down by the following three components:

- reducing the amortization period of the Deferred PP&E balance from proposed 20 years to 4 years,
- reducing the first year of depreciation of the Green Energy Initiative due to its reduced investment,
- reducing the amortization of the PP&E balance due to reducing the balance from \$1,462,823 to \$836,717.

Table RC 3 below, presents the adjustment to depreciation expense.

**Table RC 3 – Adjustment to Depreciation (June 27, 2012)**

<b>Depreciation Expense per Settlement Agreement</b>	<b>1,390,193</b>
Add PP&E Adj. included in Partial Settlement	168,130
Less: PP&E Adj. as per Board Decision	(209,179)
Less: Depreciation Exp. For Green Energy Initiative as per Board Decision	(30,000)
<b>Depreciation Expense per Board Decision</b>	<b>1,319,144</b>

**EXHIBIT 6 – CALCULATION OF REVENUE DEFICIENCY/SUFFICIENCY**

HHH has revised its 2012 Test Year Revenue Sufficiency in accordance with the changes agreed to in the Partial Settlement Agreement, the Board Decision and the Board Staff and Intervenor Comments in relation to the DRO. The \$ 50,956 of PP&E return was removed from other costs on the Revenue Requirement Workform and ROE was reduced to 8.82% resulting in a Revenue Sufficiency of \$ 584,423. The following Table RC 4 sets out HHH’s revised 2012 Test Year Revenue Requirement.

**Table RC 4 – Revised Revenue Requirement (June 27, 2012)**

Particulars	Initial Application		Partial Settlement		Draft Rate Order		Reply Comments	
	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
Revenue Deficiency from Below		\$ 929,610		\$ 209,474		\$ (523,632)		\$ (584,243)
Distribution Revenue	\$ 9,165,845	\$ 9,165,845	\$ 9,202,162	\$ 9,202,183	\$ 9,202,162	\$ 9,196,163	\$ 9,202,162	\$ 9,205,729
Other Operating Revenue Offsets - net	\$ 1,142,245	\$ 1,142,245	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045	\$ 1,159,045
<b>Total Revenue</b>	<b>\$ 10,308,091</b>	<b>\$ 11,237,701</b>	<b>\$ 10,361,207</b>	<b>\$ 10,570,702</b>	<b>\$ 10,361,207</b>	<b>\$ 9,831,576</b>	<b>\$ 10,361,207</b>	<b>\$ 9,780,531</b>
Operating Expenses	\$ 8,021,426	\$ 8,021,426	\$ 7,664,214	\$ 7,664,214	\$ 7,168,093	\$ 7,168,093	\$ 7,219,049	\$ 7,219,049
Deemed Interest Expense	\$ 1,373,969	\$ 1,373,969	\$ 1,244,210	\$ 1,244,210	\$ 1,035,607	\$ 1,035,607	\$ 1,035,607	\$ 1,035,607
<b>Total Cost and Expenses</b>	<b>\$ 9,395,395</b>	<b>\$ 9,395,395</b>	<b>\$ 8,908,424</b>	<b>\$ 8,908,424</b>	<b>\$ 8,203,700</b>	<b>\$ 8,203,700</b>	<b>\$ 8,254,656</b>	<b>\$ 8,254,656</b>
<b>Utility Income Before Income Taxes</b>	<b>\$ 912,696</b>	<b>\$ 1,842,306</b>	<b>\$ 1,452,783</b>	<b>\$ 1,662,277</b>	<b>\$ 2,157,507</b>	<b>\$ 1,627,876</b>	<b>\$ 2,106,551</b>	<b>\$ 1,525,875</b>
Tax Adjustments to Accounting	\$ (1,341,194)	\$ (1,341,194)	\$ (1,208,116)	\$ (1,208,116)	\$ (1,190,116)	\$ (1,190,116)	\$ (1,190,116)	\$ (1,190,116)
Taxable Income	\$ (428,498)	\$ 501,112	\$ 244,667	\$ 454,161	\$ 967,391	\$ 437,760	\$ 916,435	\$ 335,759
Income Tax Rate	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Income Tax on Taxable Income	\$ (112,481)	\$ 131,542	\$ 21,213	\$ 39,376	\$ 76,627	\$ 34,671	\$ 70,107	\$ 25,686
Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Utility Net Income</b>	<b>\$ 1,025,177</b>	<b>\$ 1,710,764</b>	<b>\$ 1,431,570</b>	<b>\$ 1,622,884</b>	<b>\$ 2,080,880</b>	<b>\$ 1,598,726</b>	<b>\$ 2,036,444</b>	<b>\$ 1,496,896</b>
<b>Utility Rate Base</b>	<b>\$ 44,644,156</b>	<b>\$ 44,644,156</b>	<b>\$ 43,070,141</b>	<b>\$ 43,070,141</b>	<b>\$ 42,429,005</b>	<b>\$ 42,429,005</b>	<b>\$ 42,429,005</b>	<b>\$ 42,429,005</b>
Deemed Equity Portion of Rate Base	\$ 17,857,663	\$ 17,857,663	\$ 17,228,057	\$ 17,228,057	\$ 16,971,602	\$ 16,971,602	\$ 16,971,602	\$ 16,971,602
Income/(Equity Portion of Rate Base)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Target Return - Equity on Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Deficiency/Sufficiency in Return on Equity	\$ (0)	\$ -	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Indicated Rate of Return	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Requested Rate of Return on Rate Base	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Deficiency/Sufficiency in Rate of Return	\$ (0)	\$ -	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>Target Return on Equity</b>	<b>\$ 1,710,764</b>	<b>\$ 1,710,764</b>	<b>\$ 1,622,883</b>	<b>\$ 1,622,883</b>	<b>\$ 1,598,725</b>	<b>\$ 1,598,725</b>	<b>\$ 1,496,895</b>	<b>\$ 1,496,895</b>
<b>Revenue Deficiency/(Sufficiency)</b>	<b>\$ 685,588</b>	<b>\$ -</b>	<b>\$ 191,313</b>	<b>\$ 1</b>	<b>\$ (482,155)</b>	<b>\$ 1</b>	<b>\$ (539,548)</b>	<b>\$ 1</b>
<b>Gross Revenue</b>								
<b>Deficiency/(Sufficiency)</b>	<b>\$ 929,610</b>		<b>\$ 209,474</b>		<b>\$ (523,632)</b>		<b>\$ (584,243)</b>	

**EXHIBIT 7 – COST ALLOCATION**

In its Comments, Board Staff requested an updated Cost Allocation model reflecting all the changes to revenue requirement and ROE and the inclusion of the PP&E adjustment.

Energy Probe submitted that “Halton Hills should file the revenue to cost ratios so that parties can ensure that they meet with the terms of the Partial Settlement Agreement”.

HHH has updated its Cost Allocation model with these adjustments and a live model will be filed through RESS with these Reply Comments.

Table RC 5 provides the revised revenue to cost ratios as per the settlement agreement and shows the allocation of revenues amongst the classes.

**Table RC 5 – Revised Cost Allocation Based Calculations (June 27, 2012)**

Class	Revenue Requirement - 2012 Cost Allocation Model - Line 40 from O1 in CA	2012 Base Revenue Allocated based on Proportion of Revenue at Existing Rates	Miscellaneous Revenue Allocated from 2012 Cost Allocation Model - Line 19 from O1 in CA	Total Revenue	Revenue Cost Ratio	Check Revenue Cost Ratios from 2012 Cost Allocation Model - Line 75 from O1 in CA	Proposed Revenue to Cost Ratio	Proposed Revenue	Miscellaneous Revenue	Proposed Base Revenue	Board Target Low	Board Target High
Residential	6,316,008	5,224,318	782,324	6,006,642	95.1%	95%	96%	6,062,864	782,324	5,280,540	85%	115%
GS < 50 kW	1,068,634	991,335	183,918	1,175,252	110.0%	110%	110%	1,175,253	183,918	991,335	80%	120%
GS 50 to 999 kW	1,355,884	1,140,955	108,387	1,249,343	92.1%	92%	96%	1,301,540	108,387	1,193,153	80%	120%
GS 1000 to 4,999 kW	677,942	876,541	40,714	917,255	135.3%	135%	120%	813,530	40,714	772,817	80%	120%
Sentinel Lights	29,714	12,917	3,348	16,265	54.7%	55%	96%	28,523	3,348	25,175	80%	120%
Street Lighting	316,442	343,843	38,532	382,375	120.8%	121%	120%	379,730	38,532	341,198	70%	120%
USL	15,909	31,577	1,823	33,400	209.9%	210%	120%	19,091	1,823	17,268	80%	120%
<b>TOTAL</b>	<b>9,780,532</b>	<b>8,621,486</b>	<b>1,159,045</b>	<b>9,780,532</b>				<b>9,780,531</b>	<b>1,159,045</b>	<b>8,621,486</b>		

## EXHIBIT 8 – RATE DESIGN

Board Staff and Energy Probe had concerns about the Fixed: Variable splits submitted in the DRO. Board staff noted,

*“that Table 9 of the DRO starts off with a “Total Net Revenue Requirement” of \$8,621,575. Staff agrees with this calculation, notwithstanding its earlier comments on the Distribution Revenue Requirement, and suggests that the amount could have been referred to as Base Revenue Requirement. The columns titled Total Fixed Revenue and Total Variable Revenue appear to be correct. The column titled Gross Distribution Revenue is a useful step toward calculating distribution rates because it adds in the “cost” of transformer ownership allowance for the purpose of calculating volumetric rates gross of the allowance for the affected rate classes. Board staff does not consider it useful to include LV & Wheeling Charges in Table 9, and addresses this subject in the following section.*

*For all rate classes except Residential, Board staff agrees with the Fixed:Variable proportions that result from the distribution rates submitted by HHH in Appendix A, because they continue with the existing proportions as agreed at p. 19 of the Partial Agreement. While accepting the proportions, Board staff has doubts about the rates themselves, as explained later in this section.*

*Board staff does not agree that the Residential rates in Appendix A would result in Fixed:Variable proportions of 54.4% Fixed, 45.6% Variable as suggested in Table 10, and has calculated that the Residential rates in Appendix A would yield a fixed:variable split of 63%:37%. The rates of \$14.67 per month and \$0.0095 per kWh appear to be the outcome of a miscalculation that Board staff has not been able to replicate.*

*The fixed charge of \$12.23 (found in the final column of Table 10) would yield 54% of the class’s base revenue requirement, if accompanied with the corresponding adjustment to the kWh rate. Staff has not verified that this rate or the other calculated amounts in the final column of Table 10 would be the correct monthly fixed charges, given the Base Revenue Requirement and the rebalancing that was agreed in the Partial Agreement”*

Energy Probe submitted,

*“that the monthly fixed charges proposed by Halton Hills in Tables 9 & 10 of the DRO do not agree with Section 8.1 of the February 28, 2012 Partial Settlement Agreement.*

*A comparison of the tables shown on page 19 of the Partial Settlement Agreement with Tables 9 & 10 in the DRO show an increase in the proposed fixed charges for all rate classes except GS 1,000 to 4,999 kW. This is despite a decrease in the total fixed revenue that results from the decrease in the revenue requirement while maintaining the fixed charge split percentage...*

*... Energy Probe submits that the fixed charge with the target split as agreed to is, in fact, shown in the last column of Table 10 in the DRO for all classes and it is these monthly fixed charges that should be approved by the Board. The variable volumetric rates, would of course, have to be adjusted as well.”*

Board staff requested a complete re-calculation of the distribution rates, starting from updated cost allocation results, and omitting LV costs.

HHH has updated its fixed and variable rate calculation to reflect the Board Staff and Intervenor Comments to the DRO. HHH has maintained the revenue to cost ratios as per the Settlement Agreement. The following Tables RC 6 and RC 7 set out the revised revenue requirement by class.

**Table RC 6 – Revised Distribution Rate Allocation Between Fixed & Variable Rates For 2012 Test Year (June 27, 2012)**

Customer Class	Total Net Rev. Requirement	Rev Requirement %	Proposed Fixed Rate	Resulting Variable Rate	Total Fixed Revenue	Total Variable Revenue	Transformer Allowance	Gross Distribution Revenue
Residential	\$ 5,280,540	61.25%	12.25	\$ 0.0115	\$ 2,871,828	\$ 2,408,712		\$ 5,280,540
GS < 50 kW	\$ 991,335	11.50%	26.50	\$ 0.0083	\$ 538,679	\$ 452,656		\$ 991,335
GS 50 to 999 kW	\$ 1,193,153	13.84%	74.64	\$ 3.3287	\$ 157,561	\$ 1,035,592	\$ 57,229	\$ 1,250,382
GS 1000 to 4,999 kW	\$ 772,817	8.96%	173.31	\$ 3.0517	\$ 26,118	\$ 746,699	\$ 150,229	\$ 923,046
Sentinel Lights	\$ 25,175	0.29%	4.88	\$ 18.4557	\$ 10,235	\$ 14,940		\$ 25,175
Street Lighting	\$ 341,198	3.96%	2.14	\$ 28.9538	\$ 114,791	\$ 226,407		\$ 341,198
USL	\$ 17,268	0.20%	6.50	\$ 0.0043	\$ 13,659	\$ 3,609		\$ 17,268
<b>TOTAL</b>	<b>\$ 8,621,486</b>	<b>100%</b>			<b>\$ 3,732,872</b>	<b>\$ 4,888,614</b>	<b>\$ 207,458</b>	<b>\$ 8,828,944</b>
Forecast Fixed/Variable Ratios					<b>42.280%</b>	<b>55.370%</b>	<b>2.350%</b>	<b>100.000%</b>

**Table RC 7 – Revised Fixed Charge Analysis (June 27, 2012)**

Customer Class	Current Volumetric Split	Current Fixed Charge Split	Total	Fixed Rate Based on Current Fixed/Variable	2011 Rates From OEB Approved Tariff	Minimum System with PLCC Adjustment (Ceiling Fixed Charge From	Target Fixed Charge Split	Fixed Charge with Target Split
Residential	45.61%	54.39%	100.00%	\$ 12.25	\$ 12.94	\$ 17.29	54.39%	\$ 12.25
GS < 50 kW	45.66%	54.34%	100.00%	\$ 26.50	\$ 28.28	\$ 18.44	54.34%	\$ 26.50
GS 50 to 999 kW	86.79%	13.21%	100.00%	\$ 74.64	\$ 76.18	\$ 81.73	13.21%	\$ 74.64
GS 1000 to 4,999 kW	97.21%	2.79%	100.00%	\$ 143.16	\$ 173.31	\$ 109.90	2.79%	\$ 143.16
Sentinel Lights	59.34%	40.66%	100.00%	\$ 4.88	\$ 2.67	\$ 11.85	40.66%	\$ 4.88
Street Lighting	66.36%	33.64%	100.00%	\$ 2.14	\$ 2.30	\$ 5.85	33.64%	\$ 2.14
USL	20.90%	79.10%	100.00%	\$ 6.50	\$ 12.69	\$ 5.44	79.10%	\$ 6.50

### Recovery of Foregone Revenue

Board staff commented they,

*“expect[ed] to see a rate rider that would recover the negative “foregone revenue” that results from the difference between the approved rates and those actually charged by HHH during May and June 2012, the period between the effective date and implementation date approved in the Board’s Decision. Staff recognizes that both rates are interim. However, Board staff believes it would be useful to calculate rate riders that would be in effect for 10 months, July 2012 - April 2013 inclusive, to return to customers the difference between the existing interim rates and those that will be approved for implementation on July 1, 2012.*

*To the extent possible, the rate riders should be calculated for both Monthly Service Charges and for the respective volumetric rates. In the event that a volumetric rate rider is rounded to \$0.0000, the volumetric rate rider may be omitted and an additional increment added to the fixed rate rider for the same class”*

HHH has calculated class specific Fixed Foregone Revenue Rate Riders and class specific Volumetric Foregone Revenue Rate Riders. The Rate Riders are shown in Table RC 8 and have an effective date of July 1, 2012 and a sunset date effective April 30, 2013.

**Table RC 8 – Foregone Revenue Rate Riders (June 27, 2012)**

Customer Class	2011 Fixed Rates	2012 Fixed Rates Effective July 1, 2012	Change in Fixed Rate per Month	Change in Fixed Rate for Two Months	Foregone Fixed Revenue Rate Rider for 10 Month Period	2011 Variable Rates	2012 Variable Rates Effective July 1, 2012	Change in Variable Rate per Month	Change in Variable Rate for Two Months	Foregone Variable Revenue Rate Rider for 10 Month Period
Residential	\$ 12.94	\$ 12.25	\$ (0.69)	\$ (1.37)	\$ (0.14)	\$ 0.0121	\$ 0.0115	\$ (0.0006)	\$ (0.0013)	\$ (0.0001)
GS < 50 kW	\$ 28.28	\$ 26.50	\$ (1.78)	\$ (3.57)	\$ (0.36)	\$ 0.0089	\$ 0.0083	\$ (0.0006)	\$ (0.0011)	\$ (0.0001)
GS 50 to 999 kW	\$ 76.18	\$ 74.64	\$ (1.54)	\$ (3.08)	\$ (0.31)	\$ 3.3939	\$ 3.3287	\$ (0.0652)	\$ (0.1303)	\$ (0.0130)
GS 1000 to 4,999 kW	\$ 173.31	\$ 173.31	\$ -	\$ -	\$ -	\$ 3.6055	\$ 3.0517	\$ (0.5538)	\$ (1.1076)	\$ (0.1108)
Sentinel Lights	\$ 2.67	\$ 4.88	\$ 2.21	\$ 4.41	\$ 0.44	\$ 10.1069	\$ 18.4557	\$ 8.3488	\$ 16.6977	\$ 1.6698
Street Lighting	\$ 2.30	\$ 2.14	\$ (0.16)	\$ (0.32)	\$ (0.03)	\$ 31.1435	\$ 28.9538	\$ (2.1897)	\$ (4.3794)	\$ (0.4379)
USL	\$ 12.69	\$ 6.50	\$ (6.19)	\$ (12.38)	\$ (1.24)	\$ 0.0084	\$ 0.0043	\$ (0.0041)	\$ (0.0082)	\$ (0.0008)

The revised Monthly Service Charges and revised Volumetric Charges, in addition to the Foregone Revenue Rate Riders, have been added to the Draft Tariff of Rates and Charges in Appendix A in addition to the Bill Impacts in Appendix B.

### Low Voltage

HHHI agrees with Board Staff’s suggestion that the rates listed in the Partial Agreement should be approved as final, effective May 1, 2012 and that there is no need for recovery of any foregone revenue. Table RC 9 provides the Low Voltage calculations.

**Table RC 9 – Low Voltage Calculations (June 27, 2012)**

<b>Customer Class</b>	<b>LV Adj. Allocated</b>	<b>Calculated kWh</b>	<b>Calculated kW</b>	<b>Volumetric Rate Type</b>	<b>LV/ Adj. Rates/kWh</b>	<b>LV Adj. Rates/ kW</b>
<b>Residential</b>	250,311	210,212,474	-	kWh	0.0012	
<b>GS &lt; 50 kW</b>	60,332	54,285,767	-	kWh	0.0011	
<b>GS 50 to 999 kW</b>	155,405	117,338,024	328,299	kW		0.4734
<b>GS 1000 to 4,999 kW</b>	139,126	108,192,394	293,909	kW		0.4734
<b>Sentinel Lights</b>	276	380,342	810	kW		0.3408
<b>Street Lighting</b>	2,610	2,778,881	7,820	kW		0.3338
<b>USL</b>	932	838,540	-	kWh	0.0011	
<b>TOTALS</b>	<b>608,992</b>	<b>494,026,421</b>	<b>630,837</b>			

**EXHIBIT 9 – DEFERRAL AND VARIANCE ACCOUNTS**

**DISPOSAL OF GROUP 1 & GROUP 2 DEFERRAL AND VARIANCE ACCOUNT BALANCES  
 (“DVA”)**

Energy Probe requested HHH to provide details of the calculations to arrive at the proposed rate riders.

As per the Board Decision, the final Group 1 and Group 2 DVA balances are as follows:

**Table RC 10 – DVA Balances**

<b>Account Name</b>	<b>Account Number</b>	<b>Principal Balance</b>	<b>Interest Balance</b>	<b>Total Claim</b>
<b>Group 1</b>				
LV Variance Account	1550	\$ (613,274)	\$ (13,534)	\$ (626,808)
RSVA, Wholesale Service Charge	1580	\$ (503,791)	\$(130,003)	\$ (633,794)
RSVA, Retail Transmission Network Charge	1584	\$ 601,339	\$(238,494)	\$ 362,845
RSVA, Retail Transmission Connection Charge	1586	\$ 517,827	\$(186,920)	\$ 330,907
RSVA, Power (Excluding Global Adjustment)	1588	\$ (473,530)	\$(440,300)	\$ (913,830)
RSVA, sub account Global Adjustment	1588	\$2,249,396	\$ 54,258	\$2,303,654
Recovery of Regulatory Asset Balances	1590	\$ (48,428)	\$ 116,101	\$ 67,673
<b>Group 2</b>				
Other Regulatory Assets-Sub acct. Incremental Capital Charges	1508	\$ 147,776	\$ (72,501)	\$ 75,275
Other Regulatory Assets-Sub acct. Other	1508	\$ 167,838	\$ 15,047	\$ 182,885
Retail Cost Variance Account-Retail	1518	\$ (30,746)	\$ (672)	\$ (31,418)
Miscellaneous Deferred Debits	1525	\$ 13,015	\$ (4,831)	\$ 8,184
Retail Cost Variance Account-STR	1548	\$ 3,788	\$ (1,400)	\$ 2,388
Deferred Payments In Lieu of Taxes	1562	\$ (420,641)	\$ (79,381)	\$ (500,022)
Special Purpose Charge Variance	1521	\$ (16,237)	\$ 724	\$ (15,513)
<b>Total Group 1 &amp; Group 2 for Disposition</b>				<b>\$ 612,426</b>

In the DRO filed June 20, 2012, HHH calculated the rate riders to reflect an implementation date of July 1, 2012. Table RC 11 below shows the calculation, by class for DVA disposition amounts, including the allocation of amounts. The calculation is based on a 22 month recovery period.

**Table RC 11 – Calculation and Allocation of DVA Disposition Amounts (June 27, 2012)**

Allocators	kW	kWhs	Non -RPP kWhs	Customer Numbers	Number of Metered Customers	Dx Revenue
Residential	0.0%	42.6%	9.3%	0.0%	89.0%	62.1%
GS < 50 kW	0.0%	11.0%	2.0%	0.0%	7.7%	11.6%
GS 50 to 999 kW	52.0%	23.8%	41.3%	0.0%	0.8%	12.8%
GS 1000 to 4,999 kW	46.6%	21.9%	45.7%	0.0%	0.1%	9.0%
Sentinel Lights	0.1%	0.1%	1.2%	3.6%	1.5%	0.3%
Street Lighting	1.2%	0.6%	0.2%	92.7%	0.0%	3.8%
USL	0.0%	0.2%	0.4%	3.6%	0.9%	0.4%
<b>Totals</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

Deferral and Variance Accounts:		Amount	ALLOCATOR	Residential	GS < 50 kW	GS 50 to 999 kW	GS 999 to 4,999 kW	Sentinel Lights	Street Lighting	USL	Total
LV Variance Account	1550	\$ (626,808)	kWh	\$ (266,712)	\$ (68,876)	\$ (148,876)	\$ (137,272)	\$ (483)	\$ (3,526)	\$ (1,064)	\$ (626,808)
RSVA - Wholesale Market Service Charge	1580	\$ (633,794)	kWh	\$ (269,685)	\$ (69,644)	\$ (150,535)	\$ (138,802)	\$ (488)	\$ (3,565)	\$ (1,076)	\$ (633,794)
RSVA - Retail Transmission Network Charge	1584	\$ 362,845	kWh	\$ 154,394	\$ 39,871	\$ 86,181	\$ 79,464	\$ 279	\$ 2,041	\$ 616	\$ 362,845
RSVA - Retail Transmission Connection Charge	1586	\$ 330,907	kWh	\$ 140,804	\$ 36,362	\$ 78,595	\$ 72,469	\$ 255	\$ 1,861	\$ 562	\$ 330,907
RSVA - Power (excluding Global Adjustment)	1588	\$ (913,830)	kWh	\$ (388,843)	\$ (100,416)	\$ (217,047)	\$ (200,130)	\$ (704)	\$ (5,140)	\$ (1,551)	\$ (913,830)
			Non -RPP								
RSVA - Power - Sub-Account - Global Adjustment	1588	\$ 2,303,654	kWh	\$ 213,989	\$ 46,443	\$ 951,967	\$ 1,052,295	\$ 27,081	\$ 3,707	\$ 8,172	\$ 2,303,654
Recovery of Regulatory Asset Balances	1590	\$ 67,673	kWh	\$ 28,795	\$ 7,436	\$ 16,073	\$ 14,820	\$ 52	\$ 381	\$ 115	\$ 67,673
Disposition and Recovery of Regulatory Balances (2008)10	1595	\$ -	kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Disposition and Recovery of Regulatory Balances (2009)10	1595	\$ -	kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal - RSVA</b>		<b>\$ 890,647</b>		<b>\$ (387,258)</b>	<b>\$ (108,825)</b>	<b>\$ 616,359</b>	<b>\$ 742,845</b>	<b>\$ 25,994</b>	<b>\$ (4,242)</b>	<b>\$ 5,774</b>	<b>\$ 890,647</b>
Other Regulatory Assets - Sub-Account - OEB Cost Assessments	1508	\$ -	Dx Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Regulatory Assets - Sub-Account - Pension Contributions	1508	\$ -	Dx Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Costs	1508	\$ -	Dx Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Charges	1508	\$ 75,275	Dx Revenue	\$ 46,755	\$ 8,763	\$ 9,650	\$ 6,750	\$ 200	\$ 2,848	\$ 310	\$ 75,275
Other Regulatory Assets - Sub-Account - Other 7	1508	\$ 182,885	Dx Revenue	\$ 113,592	\$ 21,290	\$ 23,445	\$ 16,400	\$ 485	\$ 6,920	\$ 753	\$ 182,885
			# of								
Retail Cost Variance Account - Retail	1518	\$ (31,418)	Customers	\$ (27,977)	\$ (2,427)	\$ (252)	\$ (18)	\$ (458)	\$ (1)	\$ (284)	\$ (31,418)
Special Purpose Charge Assessment Variance Account	1521	\$ (15,514)	kWh	\$ (6,601)	\$ (1,705)	\$ (3,685)	\$ (3,398)	\$ (12)	\$ (87)	\$ (26)	\$ (15,514)
			# of								
Misc. Deferred Debits	1525	\$ 8,184	Customers	\$ 7,288	\$ 632	\$ 66	\$ 5	\$ 119	\$ 0	\$ 74	\$ 8,184
Renewable Generation Connection Capital Deferral Account	1531	\$ -									\$ -
Renewable Generation Connection OM&A Deferral Account	1532	\$ -									\$ -
Account	1533	\$ -									\$ -
Smart Grid Capital Deferral Account	1534	\$ -									\$ -
Smart Grid OM&A Deferral Account	1535	\$ -									\$ -
Smart Grid Funding Adder Deferral Account	1536	\$ -									\$ -
			# of								
Retail Cost Variance Account - STR	1548	\$ 2,388	Customers	\$ 2,127	\$ 184	\$ 19	\$ 1	\$ 35	\$ 0	\$ 22	\$ 2,388
Capital	1555	\$ -									
Recoveries	1555	\$ -									
Smart Meter Capital and Recovery Offset Variance - Sub-Account - Stranded Meter Costs	1555	\$ -									
Smart Meter OM&A Variance	1556	\$ -									
Deferred Payments in Lieu of Taxes	1562	\$ (500,022)	kWh	\$ (212,763)	\$ (54,945)	\$ (118,762)	\$ (109,505)	\$ (385)	\$ (2,813)	\$ (849)	\$ (500,022)
Recoveries	1565	\$ -									
CDM Contra	1566	\$ -									
Qualifying Transition Costs 5	1570	\$ -									
Pre-market Opening Energy Variance 5	1571	\$ -									
Extra-Ordinary Event Costs	1572	\$ -									
Deferred Rate Impact Amounts	1574	\$ -									
RSVA - One-time	1582	\$ -									
Other Deferred Credits	2425	\$ -									
<b>Subtotal - Non RSVA, Variable</b>		<b>\$ (278,220)</b>		<b>\$ (77,580)</b>	<b>\$ (28,207)</b>	<b>\$ (89,518)</b>	<b>\$ (89,765)</b>	<b>\$ (16)</b>	<b>\$ 6,867</b>	<b>\$ (1)</b>	<b>\$ (278,220)</b>
<b>Total to be Recovered</b>		<b>\$ 612,426</b>		<b>\$ (464,838)</b>	<b>\$ (137,032)</b>	<b>\$ 526,840</b>	<b>\$ 653,080</b>	<b>\$ 25,978</b>	<b>\$ 2,626</b>	<b>\$ 5,773</b>	<b>\$ 612,426</b>

**Table RC 11 – Calculation and Allocation of DVA Disposition Amounts (June 27, 2012)  
 (cont'd)**

	Total	Residential	GS < 50 kW	GS 50 to 999 kW	GS 999 to 4,999 kW	Sentinel Lights	Street Lighting	USL
Balance to be collected or refunded, Variable	\$ (1,691,228)	\$ (678,827)	\$ (183,475)	\$ (425,127)	\$ (399,215)	\$ (1,104)	\$ (1,081)	\$ (2,399)
Balance to be collected or refunded, Variable - Non RPP Customers (GA)	\$ 2,303,654	\$ 213,989	\$ 46,443	\$ 951,967	\$ 1,052,295	\$ 27,081	\$ 3,707	\$ 8,172
<b>Totals</b>	<b>\$ 612,426</b>	<b>\$ (464,838)</b>	<b>\$ (137,032)</b>	<b>\$ 526,840</b>	<b>\$ 653,080</b>	<b>\$ 25,978</b>	<b>\$ 2,626</b>	<b>\$ 5,773</b>
Number of years for Variable	<b>1.8333</b>							
Balance to be collected or refunded per year, Variable	\$ (922,505)	\$ (370,276)	\$ (100,079)	\$ (231,892)	\$ (217,758)	\$ (602)	\$ (590)	\$ (1,309)
Balance to be collected or refunded per year, Variable - Non RPP (GA)	\$ 1,256,561	\$ 116,723	\$ 25,333	\$ 519,264	\$ 573,990	\$ 14,772	\$ 2,022	\$ 4,458

Class	Residential	GS < 50 kW	GS 50 to 999 kW	GS 999 to 4,999 kW	Sentinel Lights	Street Lighting	USL
<b>Billing Determinants</b>	kWh	kWh	kW	kW	kW	kW	kWh
<b>Rate Rider for all Customer Class</b>	\$ (0.0018)	\$ (0.0018)	\$ (0.7063)	\$ (0.7409)	\$ (0.7438)	\$ (0.0754)	\$ (0.0016)
<b>Rate Rider for Non -RPP Customers (GA)</b>	\$ 0.0012	\$ 0.0002	\$ 1.5817	\$ 1.9530	\$ 18.2482	\$ 0.2586	\$ 0.0053

**Table RC 12 – DVA Disposition Rate Riders**

Customer Class	Deferral and Variance Account Rate Riders (\$ per kWh)	Deferral and Variance Account Rate Riders (\$ per kW)	Global Adjustment Account Rate Riders (\$ per kWh)	Global Adjustment Account Rate Riders (\$ per kW)	Rate Rider for Smart Meter True up (\$ per month)	Rate Rider for Smart Meter - Stranded Meters (\$ per month)
Residential	(0.0018)		0.0012		1.25	1.08
GS < 50 kW	(0.0018)		0.0002		1.32	1.40
GS >50 to 999 kW		(0.7063)		1.5817		
GS 1000 to 4,999 kW		(0.7409)		1.9530		
Sentinel Lights		(0.7438)		18.2482		
Street Lighting		(0.0754)		0.2586		
USL	(0.0016)		0.0053			

As requested by Board staff, the rate riders should be approved as found in Table 14 of the DRO (replicated above as Table RC 12) and that the tariff sheet has been corrected to show the effective date of July 1, 2012 and sunset date of April 30, 2012 for the DVA Disposition Rate Riders. Smart Meter Rate Riders are based on 48 month recovery, as per the Partial Settlement Agreement, and will have a sunset date of June 30, 2016. The rate riders for LRAM/SSM will have a sunset date of June 30, 2014, based on 24 month recovery as specified in the Partial Settlement Agreement.

Board staff suggested that *“one of the entries in Table 14 may be a typographical error, being the Global Adjustment rate rider to be charged to Sentinel Lighting customers. The error does not have any consequence, in likelihood, but it appears to be out of proportion”*. HHH confirms the amount to be correct.

The revised Rate Riders have been added to the Draft Tariff of Rates and Charges in Appendix A in addition to the Bill Impacts in Appendix B.

HHH has prepared its Reply Comments pursuant to the OEB Decision dated June 14, 2012, the Draft Rate Order submitted June 20, 2012 and Board Staff and Intervenor Comments in response to the Draft Rate Order. In accordance with the above, HHH is submitting, to the Board and Intervenors of Record, its' Reply Comments and an electronic Cost Allocation Model on June 27, 2012.

Respectfully submitted,

*(Original signed)*

Arthur Skidmore, CMA  
President & CEO  
Halton Hills Hydro Inc.

## **APPENDIX A**

*(Intentionally blank)*

## 2012 Proposed Rates and Charges - revised June 27, 2012

### RESIDENTIAL RESIDENTIAL Time-of-USE

MONTHLY RATES AND CHARGES – Delivery Component		(\$)
Service Charge	monthly	12.25
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	(0.14)
Distribution Volumetric Rate	kWh	0.0115
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kWh	(0.0001)
Low Voltage Service Rate	kWh	0.0012
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014		
Applicable only for Non-RPP Customers	kWh	0.0012
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kWh	(0.0018)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kWh	0.0007
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	1.08
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	1.25
Retail Transmission Rate – Network Service Rate	kWh	0.0057
Retail Transmission Rate – Line and Transformation Connection Service Rate	kWh	0.0045

MONTHLY RATES AND CHARGES – Regulatory Component		(\$)
Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

### General Service less than 50 kW

MONTHLY RATES AND CHARGES – Delivery Component		(\$)
Service Charge	monthly	26.50
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	(0.36)
Distribution Volumetric Rate	kWh	0.0083
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kWh	(0.0001)
Low Voltage Service Rate	kWh	0.0011
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014		
Applicable only for Non-RPP Customers	kWh	0.0002
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kWh	(0.0018)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kWh	0.0007
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	1.40
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	1.32
Retail Transmission Rate – Network Service Rate	kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	kWh	0.0042

MONTHLY RATES AND CHARGES – Regulatory Component		(\$)
Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

**General Service 50 to 999 kW**

**MONTHLY RATES AND CHARGES – Delivery Component (\$)**

Service Charge	monthly	74.64
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	(0.31)
Distribution Volumetric Rate	kW/90%kVa	3.3287
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kW/90%kVa	(0.0130)
Low Voltage Service Rate	kW/90%kVa	0.4734
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014 Applicable only for Non-RPP Customers	kW/90%kVa	1.5817
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kW/90%kVa	(0.7063)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kW/90%kVa	0.0449
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Retail Transmission Rate – Network Service Rate	kW	2.2257
Retail Transmission Rate – Line and Transformation Connection Service Rate	kW/90%kVa	1.7975

**MONTHLY RATES AND CHARGES – Regulatory Component (\$)**

Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

**General Service 1,000 to 4,999 kW**

**MONTHLY RATES AND CHARGES – Delivery Component (\$)**

Service Charge	monthly	173.31
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	-
Distribution Volumetric Rate	kW/90%kVa	3.0517
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kW/90%kVa	(0.1108)
Low Voltage Service Rate	kW/90%kVa	0.4734
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014 Applicable only for Non-RPP Customers	kW/90%kVa	1.9530
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kW/90%kVa	(0.7409)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kW/90%kVa	0.0099
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Retail Transmission Rate – Network Service Rate	kW	2.2257
Retail Transmission Rate – Line and Transformation Connection Service Rate	kW/90%kVa	1.7975

**MONTHLY RATES AND CHARGES – Regulatory Component (\$)**

Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

**Unmetered Scattered Load**

**MONTHLY RATES AND CHARGES – Delivery Component (\$)**

Service Charge (per connection)	monthly	6.50
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	(1.24)
Distribution Volumetric Rate	kWh	0.0043
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kWh	(0.0008)
Low Voltage Service Rate	kWh	0.0011
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014		
Applicable only for Non-RPP Customers	kWh	0.0053
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kWh	(0.0016)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kWh	-
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Retail Transmission Rate – Network Service Rate	kWh	0.0051
Retail Transmission Rate – Line and Transformation Connection Service Rate	kWh	0.0042

**MONTHLY RATES AND CHARGES – Regulatory Component (\$)**

Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

**Sentinel Lighting**

**MONTHLY RATES AND CHARGES – Delivery Component (\$)**

Service Charge	monthly	4.88
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	0.44
Distribution Volumetric Rate	kW	18.4557
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kW	1.6698
Low Voltage Service Rate	kW	0.3408
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014		
Applicable only for Non-RPP Customers	kW	18.2482
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kW	(0.7438)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kW	-
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Retail Transmission Rate – Network Service Rate	kW	1.5878
Retail Transmission Rate – Line and Transformation Connection Service Rate	kW	1.2941

**MONTHLY RATES AND CHARGES – Regulatory Component (\$)**

Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

**Street Lighting**

**MONTHLY RATES AND CHARGES – Delivery Component (\$)**

Service Charge (per connection)	monthly	2.14
Foregone Revenue Rate Rider - effective July 1, 2012 until April 30, 2013	monthly	(0.03)
Distribution Volumetric Rate	kW	28.9538
Foregone Revenue Volumetric Rate Rider - effective July 1, 2012 until April 30, 2013	kW	(0.4379)
Low Voltage Service Rate	kW	0.3338
Rate Rider for Global Adjustment Sub-Account Disposition (2012) – effective July 1, 2012 until April 30, 2014		
Applicable only for Non-RPP Customers	kW	0.2586
Rate Rider for Deferral/Variance Account Disposition (2012) – effective July 1, 2012 until April 30, 2014	kW	(0.0754)
Rate Rider for LRAM/SSM – effective July 1, 2012 until June 30, 2014	kW	-
Smart Meter Stranded Meter Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Smart Meter Revenue Requirement True-up Rate Rider - effective July 1, 2012 until June 30, 2016	monthly	-
Retail Transmission Rate – Network Service Rate	kW	1.5805
Retail Transmission Rate – Line and Transformation Connection Service Rate	kW	1.2676

**MONTHLY RATES AND CHARGES – Regulatory Component (\$)**

Wholesale Market Service Rate	kWh	0.0052
Rural Rate Protection Charge	kWh	0.0011
Standard Supply Service – Administrative Charge (if applicable)	monthly	0.25

**MicroFIT**

**MONTHLY RATES AND CHARGES – Delivery Component (\$)**

Service Charge	monthly	5.2500
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**Retailer Charges**

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$ once	100.00
Monthly Fixed Charge, per retailer	\$/month	20.00
Monthly Variable Charge, per customer, per retailer	\$/customer	0.50
Distributor-consolidated billing charge, per customer, per retailer	\$/customer	0.30
Retailer-consolidated billing credit, per customer, per retailer	\$/customer	(0.30)
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50

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

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

SPECIFIC SERVICE CHARGES	Rate (\$)
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**Customer Administration**

Arrears certificate	15.00
Statement of account	15.00
Pulling post dated cheques	15.00
Duplicate invoices for previous billing	15.00
Request for other billing information	15.00
Easement letter	15.00
Income tax letter	15.00
Notification charge	15.00
Account history	15.00
Credit reference/credit check (plus credit agency costs)	15.00
Returned cheque charge (plus bank charges)	15.00
Charge to certify cheque	15.00
Legal letter charge	15.00
Account set up charge/change of occupancy charge (plus credit agency costs)	30.00
Special meter reads	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	30.00

**Non-Payment of Account**

Late Payment – per month	1.50%
Late Payment – per annum	19.56%
Collection of account charge - no disconnection	30.00
Collection of account charge - no disconnection - after regular hours	165.00
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
Disconnect/Reconnect at pole - after regular hours	415.00
Install/Remove load control device - after regular hours	185.00
Install/Remove load control device - during regular hours	65.00
Install/Remove load control device - after regular hours	185.00
Service call - customer-owned equipment	30.00
Service call - after regular hours	165.00
Interval Meter Charge	20.00
Temporary service install & remove – overhead – no transformer	500.00
Temporary service install & remove – underground – no transformer	300.00
Temporary service install & remove – overhead – with transformer	1,000.00
Specific Charge for Access to the Power Poles \$/pole/year	22.35

Loss Factors	
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Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0602
Total Loss Factor - Secondary Metered Customer > 5,000 kW	N/A
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0496
Total Loss Factor - Primary Metered Customer > 5,000 kW	N/A

Allowances	
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Transformer Allowance for Ownership - per kW/90%kVa of billing demand/month	(0.50)
Primary Metering Allowance for transformer losses - applied to measured demand & energy	1.00%

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## **APPENDIX B**

**REVISED BILL IMPACTS (June 27, 2012)**

*(Intentionally Blank)*



**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20



**Halton Hills Hydro Inc.  
Bill Impacts - Residential - non-RPP**

Consumption **100** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1 Monthly Service Charge	monthly	\$ 12.9400	1	\$ 12.94	\$ 12.25	1	\$ 12.25	-\$ 0.69	-5.33%
2 Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3 Service Charge Rate Adder(s)			1	\$ -	\$ -	1	\$ -	\$ -	
4 Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.1400	1	-\$ 0.14	-\$ 0.14	
5 Distribution Volumetric Rate	per kWh	\$ 0.0121	100	\$ 1.21	\$ 0.0115	100	\$ 1.15	-\$ 0.06	-4.96%
6 Low Voltage Rate Adder	per kWh	\$ 0.0012	100	\$ 0.12	\$ 0.0012	100	\$ 0.12	-\$ 0.00	-0.77%
7 Volumetric Rate Adder(s)			100	\$ -	\$ -	100	\$ -	\$ -	
8 Foregone Rev Volumetric Rate Rider	per kWh		100	\$ -	-\$ 0.0001	100	-\$ 0.01	-\$ 0.01	
9 Smart Meter Disposition Rider	monthly	\$ -	100	\$ -	\$ 2.33	1	\$ 2.33	\$ 2.33	
10 LRAM & SSM Rate Rider	per kWh	\$ -	100	\$ -	\$ 0.0007	100	\$ 0.07	\$ 0.07	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0019	100	\$ 0.19	-\$ 0.0006	100	-\$ 0.06	-\$ 0.25	-131.58%
12				\$ -			\$ -	\$ -	
13				\$ -			\$ -	\$ -	
14				\$ -			\$ -	\$ -	
15				\$ -			\$ -	\$ -	
<b>16 Sub-Total A - Distribution</b>				<b>\$ 15.96</b>			<b>\$ 15.71</b>	<b>-\$ 0.25</b>	<b>-1.57%</b>
17 RTSR - Network	per kWh	\$ 0.0055	101.05	\$ 0.56	\$ 0.0057	101.06	\$ 0.58	\$ 0.02	3.65%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0043	101.05	\$ 0.43	\$ 0.0045	101.06	\$ 0.45	\$ 0.02	4.66%
<b>19 Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 16.95</b>			<b>\$ 16.74</b>	<b>-\$ 0.21</b>	<b>-1.24%</b>
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	101.05	\$ 0.53	\$ 0.0052	101.06	\$ 0.53	\$ 0.00	0.01%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	101.05	\$ 0.13	\$ 0.0011	101.06	\$ 0.11	-\$ 0.02	-15.38%
22 Special Purpose Charge	per kWh		101.05	\$ -		101.06	\$ -	\$ -	
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	100	\$ 0.70	\$ 0.0070	100	\$ 0.70	\$ -	0.00%
25 Energy			101.05	\$ -		101.06	\$ -	\$ -	
26 Cost of Power	per kWh	\$ 0.0680	101.05	\$ 6.87	\$ 0.0750	101.06	\$ 7.58	\$ 0.71	10.31%
27 Cost of Power	per kWh	\$ 0.0790		\$ -	\$ 0.0880		\$ -	\$ -	
<b>28 Total Bill (before Taxes)</b>				<b>\$ 25.43</b>			<b>\$ 25.91</b>	<b>\$ 0.48</b>	<b>1.88%</b>
29 HST		13%	\$ 3.31		13%	\$ 3.37	\$ 0.06	1.88%	
<b>30 Total Bill (including Sub-total B)</b>				<b>\$ 28.73</b>			<b>\$ 29.27</b>	<b>\$ 0.54</b>	<b>1.88%</b>
31 Ontario Clean Energy Benefit (OCEB)		-10%	-\$ 2.87		-10%	-\$ 2.93	-\$ 0.06	2.09%	
<b>32 Total Bill (including OCEB)</b>				<b>\$ 25.86</b>			<b>\$ 26.34</b>	<b>\$ 0.48</b>	<b>1.86%</b>
33 Loss Factor (%)				1.0499%			1.0602%		





Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Bill Impacts - Residential - non-RPP**

Consumption  kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 12.9400	1	\$ 12.94	\$ 12.25	1	\$ 12.25	-\$ 0.69	-5.33%
2	Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3	Service Charge Rate Adder(s)			1	\$ -	\$ -	1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.1400	1	-\$ 0.14	-\$ 0.14	
5	Distribution Volumetric Rate	per kWh	\$ 0.0121	1500	\$ 18.15	\$ 0.0115	1500	\$ 17.25	-\$ 0.90	-4.96%
6	Low Voltage Rate Adder	per kWh	\$ 0.0012	1500	\$ 1.80	\$ 0.0012	1500	\$ 1.79	-\$ 0.01	-0.77%
7	Volumetric Rate Adder(s)			1500	\$ -	\$ -	1500	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		1500	\$ -	-\$ 0.0001	1500	-\$ 0.15	-\$ 0.15	
9	Smart Meter Disposition Rider	monthly	\$ -	1500	\$ -	\$ 2.33	1	\$ 2.33	\$ 2.33	
10	LRAM & SSM Rate Rider	per kWh	\$ -	1500	\$ -	\$ 0.0007	1500	\$ 1.05	\$ 1.05	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0019	1500	\$ 2.85	-\$ 0.0006	1500	-\$ 0.90	-\$ 3.75	-131.58%
12								\$ -	\$ -	
13								\$ -	\$ -	
14								\$ -	\$ -	
15								\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>			<b>\$ 37.24</b>			<b>\$ 33.48</b>	<b>-\$ 3.76</b>	<b>-10.11%</b>	
17	RTSR - Network	per kWh	\$ 0.0055	1515.75	\$ 8.34	\$ 0.0057	1515.9	\$ 8.64	\$ 0.30	3.65%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0043	1515.75	\$ 6.52	\$ 0.0045	1515.9	\$ 6.82	\$ 0.30	4.66%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>			<b>\$ 52.09</b>			<b>\$ 48.94</b>	<b>-\$ 3.16</b>	<b>-6.06%</b>	
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	1515.75	\$ 7.88	\$ 0.0052	1515.9	\$ 7.88	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	1515.75	\$ 1.97	\$ 0.0011	1515.9	\$ 1.67	-\$ 0.30	-15.38%
22	Special Purpose Charge	per kWh		1515.75	\$ -		1515.9	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	1500	\$ 10.50	\$ 0.0070	1500	\$ 10.50	\$ -	0.00%
25	Energy			1515.75	\$ -		1515.9	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	974.85	\$ 77.01	\$ 0.0880	990.3	\$ 87.15	\$ 10.13	13.16%
28	<b>Total Bill (before Taxes)</b>			<b>\$ 190.51</b>			<b>\$ 201.38</b>	<b>\$ 10.88</b>	<b>5.71%</b>	
29	HST		13%	\$ 24.77		13%	\$ 26.18	\$ 1.41	5.71%	
30	<b>Total Bill (including Sub-total B)</b>			<b>\$ 215.28</b>			<b>\$ 227.56</b>	<b>\$ 12.28</b>	<b>5.70%</b>	
31	Ontario Clean Energy Benefit (OCEB)		-10%	-\$ 21.53		-10%	-\$ 22.76	-\$ 1.23	5.71%	
32	<b>Total Bill (including OCEB)</b>			<b>\$ 193.75</b>			<b>\$ 204.80</b>	<b>\$ 11.05</b>	<b>5.70%</b>	
33	Loss Factor (%)			<input type="text" value="1.0499%"/>			<input type="text" value="1.0602%"/>			



Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Bill Impacts - Residential -RPP**

Consumption **100** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1 Monthly Service Charge	monthly	\$ 12.9400	1	\$ 12.94	\$ 12.25	1	\$ 12.25	-\$ 0.69	-5.33%
2 Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.1400	1	-\$ 0.14	-\$ 0.14	
5 Distribution Volumetric Rate	per kWh	\$ 0.0121	100	\$ 1.21	\$ 0.0115	100	\$ 1.15	-\$ 0.06	-4.96%
6 Low Voltage Rate Adder	per kWh	\$ 0.0012	100	\$ 0.12	\$ 0.0012	100	\$ 0.12	-\$ 0.00	-0.77%
7 Volumetric Rate Adder(s)			100	\$ -		100	\$ -	\$ -	
8 Foregone Rev Volumetric Rate Rider	per kWh		100	\$ -	-\$ 0.0001	100	-\$ 0.01	-\$ 0.01	
9 Smart Meter Disposition Rider	monthly	\$ -	100	\$ -	\$ 2.33	1	\$ 2.33	\$ 2.33	
10 LRAM & SSM Rate Rider	per kWh	\$ -	100	\$ -	\$ 0.0007	100	\$ 0.07	\$ 0.07	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0006	100	\$ 0.06	-\$ 0.0018	100	-\$ 0.18	-\$ 0.24	-400.00%
12				\$ -			\$ -	\$ -	
13				\$ -			\$ -	\$ -	
14				\$ -			\$ -	\$ -	
15				\$ -			\$ -	\$ -	
<b>16 Sub-Total A - Distribution</b>				<b>\$ 15.83</b>			<b>\$ 15.59</b>	<b>-\$ 0.24</b>	<b>-1.52%</b>
17 RTSR - Network	per kWh	\$ 0.0055	101.05	\$ 0.56	\$ 0.0057	101.06	\$ 0.58	\$ 0.02	3.65%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0043	101.05	\$ 0.43	\$ 0.0045	101.06	\$ 0.45	\$ 0.02	4.66%
<b>19 Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 16.82</b>			<b>\$ 16.62</b>	<b>-\$ 0.20</b>	<b>-1.19%</b>
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	101.05	\$ 0.53	\$ 0.0052	101.06	\$ 0.53	\$ 0.00	0.01%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	101.05	\$ 0.13	\$ 0.0011	101.06	\$ 0.11	-\$ 0.02	-15.38%
22 Special Purpose Charge	per kWh		101.05	\$ -		101.06	\$ -	\$ -	
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	100	\$ 0.70	\$ 0.0070	100	\$ 0.70	\$ -	0.00%
25 Energy			101.05	\$ -		101.06	\$ -	\$ -	
26 Cost of Power	per kWh	\$ 0.0680	101.05	\$ 6.87	\$ 0.0750	101.06	\$ 7.58	\$ 0.71	10.31%
27 Cost of Power	per kWh	\$ 0.0790		\$ -	\$ 0.0880		\$ -	\$ -	
<b>28 Total Bill (before Taxes)</b>				<b>\$ 25.30</b>			<b>\$ 25.79</b>	<b>\$ 0.49</b>	<b>1.93%</b>
29 HST		13%		\$ 3.29	13%		\$ 3.35	\$ 0.06	1.93%
<b>30 Total Bill (including Sub-total B)</b>				<b>\$ 28.59</b>			<b>\$ 29.14</b>	<b>\$ 0.55</b>	<b>1.92%</b>
31 Ontario Clean Energy Benefit (OCEB)									
		-10%		-\$ 2.86	-10%		-\$ 2.91	-\$ 0.05	1.75%
<b>32 Total Bill (including OCEB)</b>				<b>\$ 25.73</b>			<b>\$ 26.23</b>	<b>\$ 0.50</b>	<b>1.94%</b>
33 Loss Factor (%)				1.0499%			1.0602%		



Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
Bill Impacts - Residential -RPP

Consumption **800** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1 Monthly Service Charge	monthly	\$ 12.9400	1	\$ 12.94	\$ 12.25	1	\$ 12.25	-\$ 0.69	-5.33%
2 Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.1400	1	-\$ 0.14	-\$ 0.14	
5 Distribution Volumetric Rate	per kWh	\$ 0.0121	800	\$ 9.68	\$ 0.0115	800	\$ 9.20	-\$ 0.48	-4.96%
6 Low Voltage Rate Adder	per kWh	\$ 0.0012	800	\$ 0.96	\$ 0.0012	800	\$ 0.95	-\$ 0.01	-0.77%
7 Volumetric Rate Adder(s)			800	\$ -		800	\$ -	\$ -	
8 Foregone Rev Volumetric Rate Rider	per kWh		800	\$ -	-\$ 0.0001	800	-\$ 0.08	-\$ 0.08	
9 Smart Meter Disposition Rider	monthly	\$ -	800	\$ -	\$ 2.33	1	\$ 2.33	\$ 2.33	
10 LRAM & SSM Rate Rider	per kWh	\$ -	800	\$ -	\$ 0.0007	800	\$ 0.56	\$ 0.56	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0006	800	\$ 0.48	-\$ 0.0018	800	-\$ 1.44	-\$ 1.92	-400.00%
12							\$ -	\$ -	
13							\$ -	\$ -	
14							\$ -	\$ -	
15							\$ -	\$ -	
<b>16 Sub-Total A - Distribution</b>				<b>\$ 25.56</b>			<b>\$ 23.63</b>	<b>-\$ 1.93</b>	<b>-7.54%</b>
17 RTSR - Network	per kWh	\$ 0.0055	808.399	\$ 4.45	\$ 0.0057	808.482	\$ 4.61	\$ 0.16	3.65%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0043	808.399	\$ 3.48	\$ 0.0045	808.482	\$ 3.64	\$ 0.16	4.66%
<b>19 Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 33.48</b>			<b>\$ 31.88</b>	<b>-\$ 1.60</b>	<b>-4.79%</b>
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	808.399	\$ 4.20	\$ 0.0052	808.482	\$ 4.20	\$ 0.00	0.01%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	808.399	\$ 1.05	\$ 0.0011	808.482	\$ 0.89	-\$ 0.16	-15.38%
22 Special Purpose Charge	per kWh		808.399	\$ -		808.482	\$ -	\$ -	
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	800	\$ 5.60	\$ 0.0070	800	\$ 5.60	\$ -	0.00%
25 Energy			808.399	\$ -		808.482	\$ -	\$ -	
26 Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27 Cost of Power	per kWh	\$ 0.0790	239.92	\$ 18.95	\$ 0.0880	248.16	\$ 21.84	\$ 2.88	15.22%
<b>28 Total Bill (before Taxes)</b>				<b>\$ 104.34</b>			<b>\$ 109.66</b>	<b>\$ 5.32</b>	<b>5.10%</b>
29 HST		13%		\$ 13.56	13%		\$ 14.26	\$ 0.69	5.10%
<b>30 Total Bill (including Sub-total B)</b>				<b>\$ 117.90</b>			<b>\$ 123.92</b>	<b>\$ 6.02</b>	<b>5.11%</b>
31 Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 11.79	-10%		-\$ 12.39	-\$ 0.60	5.09%
<b>32 Total Bill (including OCEB)</b>				<b>\$ 106.11</b>			<b>\$ 111.53</b>	<b>\$ 5.42</b>	<b>5.11%</b>
33 Loss Factor (%)				1.0499%			1.0602%		



**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Bill Impacts - Residential -RPP**

Consumption **1500** kWh

Charge Unit	Current Board-Approved			Proposed			Impact		
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1 Monthly Service Charge	monthly	\$ 12.9400	1	\$ 12.94	\$ 12.25	1	\$ 12.25	-\$ 0.69	-5.33%
2 Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3 Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4 Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.1400	1	-\$ 0.14	-\$ 0.14	
5 Distribution Volumetric Rate	per kWh	\$ 0.0121	1500	\$ 18.15	\$ 0.0115	1500	\$ 17.25	-\$ 0.90	-4.96%
6 Low Voltage Rate Adder	per kWh	\$ 0.0012	1500	\$ 1.80	\$ 0.0012	1500	\$ 1.79	-\$ 0.01	-0.77%
7 Volumetric Rate Adder(s)			1500	\$ -		1500	\$ -	\$ -	
8 Foregone Rev Volumetric Rate Rider	per kWh		1500	\$ -	-\$ 0.0001	1500	-\$ 0.15	-\$ 0.15	
9 Smart Meter Disposition Rider	monthly	\$ -	1500	\$ -	\$ 2.33	1	\$ 2.33	\$ 2.33	
10 LRAM & SSM Rate Rider	per kWh	\$ -	1500	\$ -	\$ 0.0007	1500	\$ 1.05	\$ 1.05	
11 Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0006	1500	\$ 0.90	-\$ 0.0018	1500	-\$ 2.70	-\$ 3.60	-400.00%
12							\$ -	\$ -	
13							\$ -	\$ -	
14							\$ -	\$ -	
15							\$ -	\$ -	
<b>16 Sub-Total A - Distribution</b>				<b>\$ 35.29</b>			<b>\$ 31.68</b>	<b>-\$ 3.61</b>	<b>-10.24%</b>
17 RTSR - Network	per kWh	\$ 0.0055	1515.75	\$ 8.34	\$ 0.0057	1515.9	\$ 8.64	\$ 0.30	3.65%
18 RTSR - Line and Transformation Connection	per kWh	\$ 0.0043	1515.75	\$ 6.52	\$ 0.0045	1515.9	\$ 6.82	\$ 0.30	4.66%
<b>19 Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 50.14</b>			<b>\$ 47.14</b>	<b>-\$ 3.01</b>	<b>-5.99%</b>
20 Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	1515.75	\$ 7.88	\$ 0.0052	1515.9	\$ 7.88	\$ 0.00	0.01%
21 Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	1515.75	\$ 1.97	\$ 0.0011	1515.9	\$ 1.67	-\$ 0.30	-15.38%
22 Special Purpose Charge	per kWh		1515.75	\$ -		1515.9	\$ -	\$ -	
23 Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	1500	\$ 10.50	\$ 0.0070	1500	\$ 10.50	\$ -	0.00%
25 Energy			1515.75	\$ -		1515.9	\$ -	\$ -	
26 Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27 Cost of Power	per kWh	\$ 0.0790	974.85	\$ 77.01	\$ 0.0880	990.3	\$ 87.15	\$ 10.13	13.16%
<b>28 Total Bill (before Taxes)</b>				<b>\$ 188.56</b>			<b>\$ 199.58</b>	<b>\$ 11.03</b>	<b>5.85%</b>
29 HST		13%		\$ 24.51	13%		\$ 25.95	\$ 1.43	5.85%
<b>30 Total Bill (including Sub-total B)</b>				<b>\$ 213.07</b>			<b>\$ 225.53</b>	<b>\$ 12.46</b>	<b>5.85%</b>
31 Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 21.31	-10%		-\$ 22.55	-\$ 1.24	5.82%
<b>32 Total Bill (including OCEB)</b>				<b>\$ 191.76</b>			<b>\$ 202.98</b>	<b>\$ 11.22</b>	<b>5.85%</b>
33 Loss Factor (%)				1.0499%			1.0602%		



Ontario Energy Board  
**REVENUE REQUIREMENT  
 WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
**Bill Impacts - General Service < 50 kW - non-RPP**

Consumption **2000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 28.2800	1	\$ 28.28	\$ 26.50	1	\$ 26.50	-\$ 1.78	-6.31%
2	Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3	Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.3569	1	-\$ 0.36	-\$ 0.36	
5	Distribution Volumetric Rate	per kWh	\$ 0.0089	2000	\$ 17.80	\$ 0.0083	2000	\$ 16.68	-\$ 1.12	-6.31%
6	Low Voltage Rate Adder	per kWh	\$ 0.0011	2000	\$ 2.20	\$ 0.0011	2000	\$ 2.22	\$ 0.02	1.03%
7	Volumetric Rate Adder(s)			2000	\$ -		2000	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		2000	\$ -	-\$ 0.0001	2000	-\$ 0.22	-\$ 0.22	
9	Smart Meter Disposition Rider			2000	\$ -	\$ 2.72	1	\$ 2.72	\$ 2.72	
10	LRAM & SSM Rider	per kWh		2000	\$ -	\$ 0.0007	2000	\$ 1.40	\$ 1.40	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0020	2000	\$ 4.00	-\$ 0.0016	2000	-\$ 3.20	-\$ 7.20	-180.00%
12					\$ -			\$ -	\$ -	
13					\$ -			\$ -	\$ -	
14					\$ -			\$ -	\$ -	
15					\$ -			\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>				<b>\$ 53.78</b>			<b>\$ 45.73</b>	<b>-\$ 8.05</b>	<b>-14.96%</b>
17	RTSR - Network	per kWh	\$ 0.0049	2021	\$ 9.90	\$ 0.0051	2021.2	\$ 10.31	\$ 0.41	4.09%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0040	2021	\$ 8.08	\$ 0.0042	2021.2	\$ 8.49	\$ 0.41	5.01%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 71.77</b>			<b>\$ 64.53</b>	<b>-\$ 7.24</b>	<b>-10.08%</b>
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	2021	\$ 10.51	\$ 0.0052	2021.2	\$ 10.51	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2021	\$ 2.63	\$ 0.0011	2021.2	\$ 2.22	-\$ 0.40	-15.38%
22	Special Purpose Charge			2021	\$ -		2021.2	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
25	Energy			2021	\$ -		2021.2	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	1499.8	\$ 118.48	\$ 0.0880	1542.88	\$ 135.77	\$ 17.29	14.59%
28	<b>Total Bill (before Taxes)</b>				<b>\$ 258.44</b>			<b>\$ 272.29</b>	<b>\$ 13.85</b>	<b>5.36%</b>
29	HST		13%		\$ 33.60	13%		\$ 35.40	\$ 1.80	5.36%
30	<b>Total Bill (including Sub-total B)</b>				<b>\$ 292.03</b>			<b>\$ 307.69</b>	<b>\$ 15.66</b>	<b>5.36%</b>
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 29.20	-10%		-\$ 30.77	-\$ 1.57	5.38%
32	<b>Total Bill (including OCEB)</b>				<b>\$ 262.83</b>			<b>\$ 276.92</b>	<b>\$ 14.09</b>	<b>5.36%</b>
33	Loss Factor		1.0499%			1.0602%				



**Halton Hills Hydro Inc.  
Bill Impacts - General Service < 50 kW - non-RPP**

Consumption **5000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 28.2800	1	\$ 28.28	\$ 26.50	1	\$ 26.50	-\$ 1.78	-6.31%
2	Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3	Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.3569	1	-\$ 0.36	-\$ 0.36	
5	Distribution Volumetric Rate	per kWh	\$ 0.0089	5000	\$ 44.50	\$ 0.0083	5000	\$ 41.69	-\$ 2.81	-6.31%
6	Low Voltage Rate Adder	per kWh	\$ 0.0011	5000	\$ 5.50	\$ 0.0011	5000	\$ 5.56	\$ 0.06	1.03%
7	Volumetric Rate Adder(s)			5000	\$ -		5000	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		5000	\$ -	-\$ 0.0001	5000	-\$ 0.56	-\$ 0.56	
9	Smart Meter Disposition Rider			5000	\$ -	2.72	1	\$ 2.72	\$ 2.72	
10	LRAM & SSM Rider	per kWh		5000	\$ -	\$ 0.0007	5000	\$ 3.50	\$ 3.50	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0020	5000	\$ 10.00	-\$ 0.0016	5000	-\$ 8.00	-\$ 18.00	-180.00%
12					\$ -			\$ -	\$ -	
13					\$ -			\$ -	\$ -	
14					\$ -			\$ -	\$ -	
15					\$ -			\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>				<b>\$ 89.78</b>			<b>\$ 71.05</b>	<b>-\$ 18.73</b>	<b>-20.87%</b>
17	RTSR - Network	per kWh	\$ 0.0049	5052.5	\$ 24.76	\$ 0.0051	5053.01	\$ 25.77	\$ 1.01	4.09%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0040	5052.5	\$ 20.21	\$ 0.0042	5053.01	\$ 21.22	\$ 1.01	5.01%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 134.75</b>			<b>\$ 118.04</b>	<b>-\$ 16.71</b>	<b>-12.40%</b>
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	5052.5	\$ 26.27	\$ 0.0052	5053.01	\$ 26.28	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	5052.5	\$ 6.57	\$ 0.0011	5053.01	\$ 5.56	-\$ 1.01	-15.38%
22	Special Purpose Charge			5052.5	\$ -		5053.01	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	5000	\$ 35.00	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%
25	Energy			5052.5	\$ -		5053.01	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	4649.5	\$ 367.31	\$ 0.0880	4757.2	\$ 418.63	\$ 51.32	13.97%
28	<b>Total Bill (before Taxes)</b>				<b>\$ 610.95</b>			<b>\$ 648.76</b>	<b>\$ 37.81</b>	<b>6.19%</b>
29	HST		13%		\$ 79.42	13%		\$ 84.34	\$ 4.91	6.19%
30	<b>Total Bill (including Sub-total B)</b>				<b>\$ 690.37</b>			<b>\$ 733.09</b>	<b>\$ 42.72</b>	<b>6.19%</b>
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 69.04	-10%		-\$ 73.31	-\$ 4.27	6.18%
32	<b>Total Bill (including OCEB)</b>				<b>\$ 621.33</b>			<b>\$ 659.78</b>	<b>\$ 38.45</b>	<b>6.19%</b>
33	Loss Factor				1.0499%			1.0602%		





**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Bill Impacts - General Service < 50 kW-RPP**

Consumption **2000** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 28.2800	1	\$ 28.28	\$ 26.50	1	\$ 26.50	-\$ 1.78	-6.31%
2	Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3	Service Charge Rate Adder(s)			1	\$ -	\$ -	1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.3569	1	-\$ 0.36	-\$ 0.36	
5	Distribution Volumetric Rate	per kWh	\$ 0.0089	2000	\$ 17.80	\$ 0.0083	2000	\$ 16.68	-\$ 1.12	-6.31%
6	Low Voltage Rate Adder	per kWh	\$ 0.0011	2000	\$ 2.20	\$ 0.0011	2000	\$ 2.22	\$ 0.02	1.03%
7	Volumetric Rate Adder(s)			2000	\$ -	\$ -	2000	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		2000	\$ -	-\$ 0.0001	2000	-\$ 0.22	-\$ 0.22	
9	Smart Meter Disposition Rider			2000	\$ -	\$ 2.72	1	\$ 2.72	\$ 2.72	
10	LRAM & SSM Rider	per kWh		2000	\$ -	\$ 0.0007	2000	\$ 1.40	\$ 1.40	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0007	2000	\$ 1.40	-\$ 0.0018	2000	-\$ 3.60	-\$ 5.00	-357.14%
12					\$ -	\$ -		\$ -	\$ -	
13					\$ -	\$ -		\$ -	\$ -	
14					\$ -	\$ -		\$ -	\$ -	
15					\$ -	\$ -		\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>				<b>\$ 51.18</b>			<b>\$ 45.33</b>	<b>-\$ 5.85</b>	<b>-11.42%</b>
17	RTSR - Network	per kWh	\$ 0.0049	2021	\$ 9.90	\$ 0.0051	2021.2	\$ 10.31	\$ 0.41	4.09%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0040	2021	\$ 8.08	\$ 0.0042	2021.2	\$ 8.49	\$ 0.41	5.01%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 69.17</b>			<b>\$ 64.13</b>	<b>-\$ 5.04</b>	<b>-7.28%</b>
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	2021	\$ 10.51	\$ 0.0052	2021.2	\$ 10.51	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	2021	\$ 2.63	\$ 0.0011	2021.2	\$ 2.22	-\$ 0.40	-15.38%
22	Special Purpose Charge			2021	\$ -		2021.2	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	2000	\$ 14.00	\$ 0.0070	2000	\$ 14.00	\$ -	0.00%
25	Energy			2021	\$ -		2021.2	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	1499.8	\$ 118.48	\$ 0.0880	1542.88	\$ 135.77	\$ 17.29	14.59%
28	<b>Total Bill (before Taxes)</b>				<b>\$ 255.84</b>			<b>\$ 271.89</b>	<b>\$ 16.05</b>	<b>6.27%</b>
29	HST		13%		\$ 33.26	13%		\$ 35.35	\$ 2.09	6.27%
30	<b>Total Bill (including Sub-total B)</b>				<b>\$ 289.10</b>			<b>\$ 307.23</b>	<b>\$ 18.13</b>	<b>6.27%</b>
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 28.91	-10%		-\$ 30.72	-\$ 1.81	6.26%
32	<b>Total Bill (including OCEB)</b>				<b>\$ 260.19</b>			<b>\$ 276.51</b>	<b>\$ 16.32</b>	<b>6.27%</b>
33	Loss Factor				1.0499%			1.0602%		



REVENUE REQUIREMENT WORK FORM

Version 2.20

Halton Hills Hydro Inc. Bill Impacts - General Service < 50 kW- RPP

Consumption 5000 kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 28.2800	1	\$ 28.28	\$ 26.50	1	\$ 26.50	-\$ 1.78	-6.31%
2	Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3	Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.3569	1	-\$ 0.36	-\$ 0.36	
5	Distribution Volumetric Rate	per kWh	\$ 0.0089	5000	\$ 44.50	\$ 0.0083	5000	\$ 41.69	-\$ 2.81	-6.31%
6	Low Voltage Rate Adder	per kWh	\$ 0.0011	5000	\$ 5.50	\$ 0.0011	5000	\$ 5.56	\$ 0.06	1.03%
7	Volumetric Rate Adder(s)			5000	\$ -		5000	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		5000	\$ -	-\$ 0.0001	5000	-\$ 0.56	-\$ 0.56	
9	Smart Meter Disposition Rider			5000	\$ -	2.72	1	\$ 2.72	\$ 2.72	
10	LRAM & SSM Rider	per kWh		5000	\$ -	\$ 0.0007	5000	\$ 3.50	\$ 3.50	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0007	5000	\$ 3.50	-\$ 0.0018	5000	-\$ 9.00	-\$ 12.50	-357.14%
12					\$ -			\$ -	\$ -	
13					\$ -			\$ -	\$ -	
14					\$ -			\$ -	\$ -	
15					\$ -			\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>				<b>\$ 83.28</b>			<b>\$ 70.05</b>	<b>-\$ 13.23</b>	<b>-15.89%</b>
17	RTSR - Network	per kWh	\$ 0.0049	5052.5	\$ 24.76	\$ 0.0051	5053.01	\$ 25.77	\$ 1.01	4.09%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0040	5052.5	\$ 20.21	\$ 0.0042	5053.01	\$ 21.22	\$ 1.01	5.01%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 128.25</b>			<b>\$ 117.04</b>	<b>-\$ 11.21</b>	<b>-8.74%</b>
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	5052.5	\$ 26.27	\$ 0.0052	5053.01	\$ 26.28	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	5052.5	\$ 6.57	\$ 0.0011	5053.01	\$ 5.56	-\$ 1.01	-15.38%
22	Special Purpose Charge			5052.5	\$ -		5053.01	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	5000	\$ 35.00	\$ 0.0070	5000	\$ 35.00	\$ -	0.00%
25	Energy			5052.5	\$ -		5053.01	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	4649.5	\$ 367.31	\$ 0.0880	4757.2	\$ 418.63	\$ 51.32	13.97%
28	<b>Total Bill (before Taxes)</b>				<b>\$ 604.45</b>			<b>\$ 647.76</b>	<b>\$ 43.31</b>	<b>7.16%</b>
29	HST		13%		\$ 78.58	13%		\$ 84.21	\$ 5.63	7.16%
30	<b>Total Bill (including Sub-total B)</b>				<b>\$ 683.03</b>			<b>\$ 731.96</b>	<b>\$ 48.93</b>	<b>7.16%</b>
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 68.30	-10%		-\$ 73.20	-\$ 4.90	7.17%
32	<b>Total Bill (including OCEB)</b>				<b>\$ 614.73</b>			<b>\$ 658.76</b>	<b>\$ 44.03</b>	<b>7.16%</b>
33	Loss Factor				1.0499%			1.0602%		



Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
Bill Impacts - General Service < 50 kW -RPP

Consumption  kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 28.2800	1	\$ 28.28	\$ 26.50	1	\$ 26.50	-\$ 1.78	-6.31%
2	Smart Meter Rate Adder	monthly	\$ 1.5000	1	\$ 1.50		1	\$ -	-\$ 1.50	-100.00%
3	Service Charge Rate Adder(s)			1	\$ -		1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 0.3569	1	-\$ 0.36	-\$ 0.36	
5	Distribution Volumetric Rate	per kWh	\$ 0.0089	10000	\$ 89.00	\$ 0.0083	10000	\$ 83.38	-\$ 5.62	-6.31%
6	Low Voltage Rate Adder	per kWh	\$ 0.0011	10000	\$ 11.00	\$ 0.0011	10000	\$ 11.11	\$ 0.11	1.03%
7	Volumetric Rate Adder(s)			10000	\$ -		10000	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		10000	\$ -	-\$ 0.0001	10000	-\$ 1.12	-\$ 1.12	
9	Smart Meter Disposition Rider			10000	\$ -	\$ 2.72	1	\$ 2.72	\$ 2.72	
10	LRAM & SSM Rider	per kWh		10000	\$ -	\$ 0.0007	10000	\$ 7.00	\$ 7.00	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0007	10000	\$ 7.00	-\$ 0.0018	10000	-\$ 18.00	-\$ 25.00	-357.14%
12								\$ -	\$ -	
13								\$ -	\$ -	
14								\$ -	\$ -	
15								\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>			<b>\$ 136.78</b>			<b>\$ 111.23</b>	<b>-\$ 25.55</b>	<b>-18.68%</b>	
17	RTSR - Network	per kWh	\$ 0.0049	10105	\$ 49.51	\$ 0.0051	10106	\$ 51.54	\$ 2.03	4.09%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0040	10105	\$ 40.42	\$ 0.0042	10106	\$ 42.45	\$ 2.03	5.01%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>			<b>\$ 226.71</b>			<b>\$ 205.22</b>	<b>-\$ 21.50</b>	<b>-9.48%</b>	
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	10105	\$ 52.55	\$ 0.0052	10106	\$ 52.55	\$ 0.01	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	10105	\$ 13.14	\$ 0.0011	10106	\$ 11.12	-\$ 2.02	-15.38%
22	Special Purpose Charge			10105	\$ -		10106	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	10000	\$ 70.00	\$ 0.0070	10000	\$ 70.00	\$ -	0.00%
25	Energy			10105	\$ -		10106	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	9899	\$ 782.02	\$ 0.0880	10114.4	\$ 890.07	\$ 108.05	13.82%
28	<b>Total Bill (before Taxes)</b>			<b>\$ 1,185.47</b>			<b>\$ 1,274.20</b>	<b>\$ 88.74</b>	<b>7.49%</b>	
29	HST		13%	\$ 154.11	13%	\$ 165.65	\$ 11.54	\$ 11.54	\$ 11.54	7.49%
30	<b>Total Bill (including Sub-total B)</b>			<b>\$ 1,339.58</b>			<b>\$ 1,439.85</b>	<b>\$ 100.27</b>	<b>7.49%</b>	
31	Ontario Clean Energy Benefit (OCEB)		-10%	-\$ 133.96	-10%	-\$ 143.99	-\$ 10.03	-\$ 10.03	-\$ 10.03	7.49%
32	<b>Total Bill (including OCEB)</b>			<b>\$ 1,205.62</b>			<b>\$ 1,295.86</b>	<b>\$ 90.24</b>	<b>7.48%</b>	
33	Loss Factor		<input type="text" value="1.0499%"/>		<input type="text" value="1.0602%"/>					



REVENUE REQUIREMENT WORK FORM

Version 2.20

Halton Hills Hydro Inc. Bill Impacts - General Service 50 to 999 kW

Consumption 30000 kWh 100 kW

Charge Unit	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly \$ 76.1800	1	\$ 76.18	\$ 74.64	1	\$ 74.64	-\$ 1.54	-2.02%
2 Smart Meter Rate Adder	monthly \$ 1.5000	1	\$ 1.50	\$ -	1	\$ -	-\$ 1.50	-100.00%
3 Service Charge Rate Adder(s)	monthly \$ -	1	\$ -	\$ -	1	\$ -	\$ -	
4 Foregone Rev Svc Chg Rate Rider	monthly \$ -	1	\$ -	-\$ 0.3084	1	-\$ 0.31	-\$ 0.31	
5 Distribution Volumetric Rate	per kW \$ 3.3939	100	\$ 339.39	\$ 3.3287	100	\$ 332.87	-\$ 6.52	-1.92%
6 Low Voltage Rate Adder	per kW \$ 0.4340	100	\$ 43.40	\$ 0.4734	100	\$ 47.34	\$ 3.94	9.07%
7 Volumetric Rate Adder(s)	per kW \$ -	100	\$ -	\$ -	100	\$ -	\$ -	
8 Foregone Rev Volumetric Rate Rider	per kW \$ -	100	\$ -	-\$ 0.0130	100	-\$ 1.30	-\$ 1.30	
9 Smart Meter Disposition Rider	monthly \$ -	100	\$ -	\$ -	100	\$ -	\$ -	
10 LRAM & SSM Rider	per kW \$ -	100	\$ -	\$ 0.0449	100	\$ 4.49	\$ 4.49	
11 Deferral/Variance Account Disposition Rate Rider	per kW \$ 0.5346	100	\$ 53.46	\$ 0.8754	100	\$ 87.54	\$ 34.08	63.75%
12			\$ -			\$ -	\$ -	
13			\$ -			\$ -	\$ -	
14			\$ -			\$ -	\$ -	
15			\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution			\$ 513.93			\$ 545.27	\$ 31.34	6.10%
17 RTSR - Network	per kW \$ 2.1335	100	\$ 213.35	\$ 2.2257	100	\$ 222.57	\$ 9.22	4.32%
18 RTSR - Line and Transformation Connection	per kW \$ 1.7233	100	\$ 172.33	\$ 1.7975	100	\$ 179.75	\$ 7.42	4.31%
19 Sub-Total B - Delivery (including Sub-Total A)			\$ 899.61			\$ 947.59	\$ 47.98	5.33%
20 Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0052	30315	\$ 157.64	\$ 0.0052	30318.1	\$ 157.65	\$ 0.02	0.01%
21 Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	30315	\$ 39.41	\$ 0.0011	30318.1	\$ 33.35	-\$ 6.06	-15.38%
22		30315	\$ -		30318.1	\$ -	\$ -	
23 Standard Supply Service Charge	monthly \$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh \$ 0.0070	30000	\$ 210.00	\$ 0.0070	30000	\$ 210.00	\$ -	0.00%
25 Energy	per kWh \$ -	30315	\$ -	\$ -	30318.1	\$ -	\$ -	
26 Cost of Power	per kWh \$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27 Cost of Power	per kWh \$ 0.0790	30897	\$ 2,440.86	\$ 0.0880	31543.2	\$ 2,775.80	\$ 334.94	13.72%
28 Total Bill (before Taxes)			\$ 3,788.57			\$ 4,169.64	\$ 381.07	10.06%
29 HST	13%		\$ 492.51	13%		\$ 542.05	\$ 49.54	10.06%
30 Total Bill (including Sub-total B)			\$ 4,281.08			\$ 4,711.70	\$ 430.62	10.06%
31 Ontario Clean Energy Benefit (OCEB)	-10%		-\$ 428.11	-10%		-\$ 471.17	-\$ 43.06	10.06%
32 Total Bill (including OCEB)			\$ 3,852.97			\$ 4,240.53	\$ 387.56	10.06%
33 Loss Factor		1.0499%			1.0602%			



REVENUE REQUIREMENT WORK FORM

Version 2.20

Halton Hills Hydro Inc.
Bill Impacts - General Service 50 to 999 kW

Consumption 800000 kWh 2000 kW

Table with columns: Charge Unit, Current Board-Approved (Rate, Volume, Charge), Proposed (Rate, Volume, Charge), and Impact (\$ Change, % Change). Rows include various service charges, rates, and taxes.





REVENUE REQUIREMENT WORK FORM

Version 2.20

Halton Hills Hydro Inc. Bill Impacts - General Service 1,000 to 4,999 kW

Consumption 4,200,000 kWh 10,000 kW

Table with columns: Charge Unit, Current Board-Approved (Rate, Volume, Charge), Proposed (Rate, Volume, Charge), and Impact (\$ Change, % Change). Rows include various service charges, distribution costs, and total bill calculations.



**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
Bill Impacts - USL

Consumption **250** kWh

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 12.6900	1	\$ 12.69	\$ 6.50	1	\$ 6.50	-\$ 6.19	-48.77%
2	Smart Meter Rate Adder	monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
3	Service Charge Rate Adder(s)			1	\$ -	\$ -	1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly		1	\$ -	-\$ 1.24	1	-\$ 1.24	-\$ 1.24	
5	Distribution Volumetric Rate	per kWh	\$ 0.0084	250	\$ 2.10	\$ 0.0043	250	\$ 1.08	-\$ 1.02	-48.77%
6	Low Voltage Rate Adder	per kWh	\$ 0.0011	250	\$ 0.28	\$ 0.0011	250	\$ 0.28	\$ 0.00	1.03%
7	Volumetric Rate Adder(s)			250	\$ -	\$ -	250	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kWh		250	\$ -	-\$ 0.0008	250	-\$ 0.20	-\$ 0.20	
9	Smart Meter Disposition Rider			250	\$ -	\$ -	250	\$ -	\$ -	
10	LRAM & SSM Rider	per kWh		250	\$ -	\$ -	250	\$ -	\$ -	
11	Deferral/Variance Account Disposition Rate Rider	per kWh	\$ 0.0004	250	\$ 0.10	-\$ 0.0016	250	-\$ 0.40	-\$ 0.50	-500.00%
12					\$ -	\$ -		\$ -	\$ -	
13					\$ -	\$ -		\$ -	\$ -	
14					\$ -	\$ -		\$ -	\$ -	
15					\$ -	\$ -		\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>				<b>\$ 15.17</b>			<b>\$ 6.02</b>	<b>-\$ 9.15</b>	<b>-60.33%</b>
17	RTSR - Network	per kWh	\$ 0.0049	252.625	\$ 1.24	\$ 0.0051	252.651	\$ 1.29	\$ 0.05	4.09%
18	RTSR - Line and Transformation Connection	per kWh	\$ 0.0040	252.625	\$ 1.01	\$ 0.0042	252.651	\$ 1.06	\$ 0.05	5.01%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>				<b>\$ 17.41</b>			<b>\$ 8.37</b>	<b>-\$ 9.05</b>	<b>-51.96%</b>
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	252.625	\$ 1.31	\$ 0.0052	252.651	\$ 1.31	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	252.625	\$ 0.33	\$ 0.0011	252.651	\$ 0.28	-\$ 0.05	-15.38%
22	Special Purpose Charge			252.625	\$ -		252.651	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)		\$ 0.0070	250	\$ 1.75	\$ 0.0070	250	\$ 1.75	\$ -	0.00%
25	Energy			252.625	\$ -		252.651	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	-337.525	-\$ 26.66	\$ 0.0880	-332.14	-\$ 29.23	-\$ 2.56	9.62%
28	<b>Total Bill (before Taxes)</b>				<b>\$ 35.19</b>			<b>\$ 27.73</b>	<b>-\$ 7.46</b>	<b>-21.21%</b>
29	HST		13%		\$ 4.57	13%		\$ 3.60	-\$ 0.97	-21.21%
30	<b>Total Bill (including Sub-total B)</b>				<b>\$ 39.77</b>			<b>\$ 31.33</b>	<b>-\$ 8.44</b>	<b>-21.22%</b>
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 3.98	-10%		-\$ 3.13	\$ 0.85	-21.36%
32	<b>Total Bill (including OCEB)</b>				<b>\$ 35.79</b>			<b>\$ 28.20</b>	<b>-\$ 7.59</b>	<b>-21.21%</b>
33	Loss Factor				1.0499%			1.0602%		



Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
Bill Impacts - Sentinel Lighting

Consumption 134.55 kWh 0.3 kW

	Charge Unit	Current Board-Approved			Proposed			Impact		
		Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change	
1	Monthly Service Charge	monthly	\$ 2.6700	1	\$ 2.67	\$ 4.88	1	\$ 4.88	\$ 2.21	82.61%
2	Smart Meter Rate Adder	monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
3	Service Charge Rate Adder(s)	monthly	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
4	Foregone Rev Svc Chg Rate Rider	monthly	\$ -	1	\$ -	\$ 0.4411	1	\$ 0.44	\$ 0.44	
5	Distribution Volumetric Rate	per kW	\$ 10.1069	0.3	\$ 3.03	\$ 18.4557	0.3	\$ 5.54	\$ 2.50	82.61%
6	Low Voltage Rate Adder	per kW	\$ 0.4161	0.3	\$ 0.12	\$ 0.3408	0.3	\$ 0.10	-\$ 0.02	-18.10%
7	Volumetric Rate Adder(s)	per kW	\$ -	0.3	\$ -	\$ -	0.3	\$ -	\$ -	
8	Foregone Rev Volumetric Rate Rider	per kW	\$ -	0.3	\$ -	\$ 1.6698	0.3	\$ 0.50	\$ 0.50	
9	Smart Meter Disposition Rider	monthly	\$ -	0.3	\$ -	\$ -	0.3	\$ -	\$ -	
10	LRAM & SSM Rider	per kW	\$ -	0.3	\$ -	\$ -	0.3	\$ -	\$ -	
11	Deferral/Variance Account Disposition Rate Rider	per kW	\$ 0.2214	0.3	\$ 0.07	-\$ 0.7438	0.3	-\$ 0.22	-\$ 0.29	-435.95%
12			\$ -		\$ -			\$ -	\$ -	
13			\$ -		\$ -			\$ -	\$ -	
14			\$ -		\$ -			\$ -	\$ -	
15			\$ -		\$ -			\$ -	\$ -	
16	<b>Sub-Total A - Distribution</b>				\$ 5.89			\$ 11.23	\$ 5.34	90.61%
17	RTSR - Network	per kW	\$ 1.5220	0.3	\$ 0.46	\$ 1.5878	0.3	\$ 0.48	\$ 0.02	4.32%
18	RTSR - Line and Transformation Connection	per kW	\$ 1.2407	0.3	\$ 0.37	\$ 1.2941	0.3	\$ 0.39	\$ 0.02	4.30%
19	<b>Sub-Total B - Delivery (including Sub-Total A)</b>				\$ 6.72			\$ 12.10	\$ 5.38	79.97%
20	Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0052	135.963	\$ 0.71	\$ 0.0052	135.976	\$ 0.71	\$ 0.00	0.01%
21	Rural and Remote Rate Protection (RRRP)	per kWh	\$ 0.0013	135.963	\$ 0.18	\$ 0.0011	135.976	\$ 0.15	-\$ 0.03	-15.38%
22				135.963	\$ -		135.976	\$ -	\$ -	
23	Standard Supply Service Charge	monthly	\$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24	Debt Retirement Charge (DRC)	per kWh	\$ 0.0070	134.55	\$ 0.94	\$ 0.0070	134.55	\$ 0.94	\$ -	0.00%
25	Energy	per kWh	\$ -	135.963	\$ -	\$ -	135.976	\$ -	\$ -	
26	Cost of Power	per kWh	\$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27	Cost of Power	per kWh	\$ 0.0790	-458.736	-\$ 36.24	\$ 0.0880	-455.838	-\$ 40.11	-\$ 3.87	10.69%
28	<b>Total Bill (before Taxes)</b>				\$ 13.36			\$ 19.03	\$ 5.68	42.49%
29	HST		13%		\$ 1.74			\$ 2.47	\$ 0.74	42.49%
30	<b>Total Bill (including Sub-total B)</b>				\$ 15.09			\$ 21.51	\$ 6.42	42.54%
31	Ontario Clean Energy Benefit (OCEB)		-10%		-\$ 1.51			-\$ 2.15	-\$ 0.64	42.38%
32	<b>Total Bill (including OCEB)</b>				\$ 13.58			\$ 19.36	\$ 5.78	42.56%
33	Loss Factor				<span style="border: 1px solid black; padding: 2px;">1.0499%</span>			<span style="border: 1px solid black; padding: 2px;">1.0602%</span>		



REVENUE REQUIREMENT WORK FORM

Version 2.20

Halton Hills Hydro Inc. Bill Impacts - Street Lighting

Consumption 62.47 kWh 0.17 kW

Charge Unit	Current Board-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
1 Monthly Service Charge	monthly \$ 2.3000	1	\$ 2.30	\$ 2.14	1	\$ 2.14	-\$ 0.16	-7.03%
2 Smart Meter Rate Adder	monthly \$ -	1	\$ -	\$ -	1	\$ -	\$ -	
3 Service Charge Rate Adder(s)	monthly \$ -	1	\$ -	\$ -	1	\$ -	\$ -	
4 Foregone Rev Svc Chg Rate Rider	monthly \$ -	1	\$ -	-\$ 0.0323	1	-\$ 0.03	-\$ 0.03	
5 Distribution Volumetric Rate	per kW \$ 31.1435	0.17	\$ 5.29	\$ 28.9538	0.17	\$ 4.92	-\$ 0.37	-7.03%
6 Low Voltage Rate Adder	per kW \$ 0.3311	0.17	\$ 0.06	\$ 0.3338	0.17	\$ 0.06	\$ 0.00	0.83%
7 Volumetric Rate Adder(s)	per kW \$ -	0.17	\$ -	\$ -	0.17	\$ -	\$ -	
8 Foregone Rev Volumetric Rate Rider	per kW \$ -	0.17	\$ -	-\$ 0.4379	0.17	-\$ 0.07	-\$ 0.07	
9 Smart Meter Disposition Rider	monthly \$ -	0.17	\$ -	\$ -	0.17	\$ -	\$ -	
10 LRAM & SSM Rider	per kW \$ -	0.17	\$ -	\$ -	0.17	\$ -	\$ -	
11 Deferral/Variance Account Disposition Rate Rider	per kW \$ 0.2300	0.17	\$ 0.04	\$ 0.1832	0.17	\$ 0.03	-\$ 0.01	-20.35%
12			\$ -			\$ -	\$ -	
13			\$ -			\$ -	\$ -	
14			\$ -			\$ -	\$ -	
15			\$ -			\$ -	\$ -	
16 Sub-Total A - Distribution			\$ 7.69			\$ 7.04	-\$ 0.65	-8.43%
17 RTSR - Network	per kW \$ 1.5150	0.17	\$ 0.26	\$ 1.5805	0.17	\$ 0.27	\$ 0.01	4.32%
18 RTSR - Line and Transformation Connection	per kW \$ 1.2153	0.17	\$ 0.21	\$ 1.2676	0.17	\$ 0.22	\$ 0.01	4.30%
19 Sub-Total B - Delivery (including Sub-Total A)			\$ 8.15			\$ 7.53	-\$ 0.63	-7.70%
20 Wholesale Market Service Charge (WMSC)	per kWh \$ 0.0052	63.1259	\$ 0.33	\$ 0.0052	63.1323	\$ 0.33	\$ 0.00	0.01%
21 Rural and Remote Rate Protection (RRRP)	per kWh \$ 0.0013	63.1259	\$ 0.08	\$ 0.0011	63.1323	\$ 0.07	-\$ 0.01	-15.38%
22		63.1259	\$ -		63.1323	\$ -	\$ -	
23 Standard Supply Service Charge	monthly \$ 0.2500	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
24 Debt Retirement Charge (DRC)	per kWh \$ 0.0070	62.47	\$ 0.44	\$ 0.0070	62.47	\$ 0.44	\$ -	0.00%
25 Energy	per kWh \$ -	63.1259	\$ -	\$ -	63.1323	\$ -	\$ -	
26 Cost of Power	per kWh \$ 0.0680	600	\$ 40.80	\$ 0.0750	600	\$ 45.00	\$ 4.20	10.29%
27 Cost of Power	per kWh \$ 0.0790	-534.413	-\$ 42.22	\$ 0.0880	-533.067	-\$ 46.91	-\$ 4.69	11.11%
28 Total Bill (before Taxes)			\$ 7.83			\$ 6.70	-\$ 1.13	-14.45%
29 HST			\$ 1.02			\$ 0.87	-\$ 0.15	-14.45%
30 Total Bill (including Sub-total B)			\$ 8.85			\$ 7.57	-\$ 1.28	-14.46%
31 Ontario Clean Energy Benefit (OCEB)			-\$ 0.89			-\$ 0.76	\$ 0.13	-14.61%
32 Total Bill (including OCEB)			\$ 7.96			\$ 6.81	-\$ 1.15	-14.45%
33 Loss Factor		1.0499%			1.0602%			

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## **APPENDIX C**

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Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Choose Your Utility:

Haldimand County Hydro Inc.	•
Halton Hills Hydro Inc.	•
Hearst Power Distribution Company Limited	•

File Number:

EB-2011-0271

Rate Year:

2012



Click here to  
print the  
entire  
workbook

**Application Contact Information**

Name:

Title:

Phone Number:

Email Address:

**Copyright**

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Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
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[9. Rev Req](#)

[10A. Bill Impacts - Residential](#)

[10B. Bill Impacts - GS LT 50kW](#)

**Notes:**

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) ***Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.***
- (5) ***Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel***



# Ontario Energy Board

## REVENUE REQUIREMENT WORK FORM

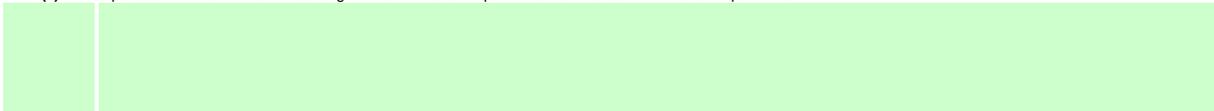
Version 2.20

### Halton Hills Hydro Inc. Data Input <sup>(1)</sup>

	Initial Application		(6)		Per Board Decision
<b>1 Rate Base</b>					
Gross Fixed Assets (average)	\$58,245,701	(\$1,467,006)	\$ 56,778,694	(\$600,000)	\$56,178,694
Accumulated Depreciation (average)	(\$21,569,493) (5)	(\$90,578)	(\$21,660,071)	\$14,967	(\$21,645,104)
<b>Allowance for Working Capital:</b>					
Controllable Expenses	\$6,397,261	(\$123,240)	\$ 6,274,021	(\$374,021)	\$5,900,000
Cost of Power	\$46,722,395	\$13,707	\$ 46,736,102		\$46,736,102
Working Capital Rate (%)	15.00%		15.00%		15.00%
<b>2 Utility Income</b>					
<b>Operating Revenues:</b>					
Distribution Revenue at Current Rates	\$9,165,845	\$36,317	\$9,202,162	(\$0)	\$9,202,162
Distribution Revenue at Proposed Rates	\$10,095,456	(\$683,799)	\$9,411,657	(\$790,170)	\$8,621,486
<b>Other Revenue:</b>					
Specific Service Charges	\$172,792	(\$0)	\$172,792	\$0	\$172,792
Late Payment Charges	\$271,607	(\$0)	\$271,607	\$0	\$271,607
Other Distribution Revenue	\$249,346	\$4,300	\$253,646	\$0	\$253,646
Other Income and Deductions	\$448,500	\$12,500	\$461,000	\$0	\$461,000
Total Revenue Offsets	\$1,142,245 (7)	\$16,800	\$1,159,045	\$0	\$1,159,045
<b>Operating Expenses:</b>					
OM+A Expenses	\$6,290,661	(\$123,240)	\$ 6,167,421	(\$374,021)	\$5,793,400
Depreciation/Amortization	\$1,624,165	(\$233,972)	\$ 1,390,193	(\$71,144)	\$1,319,049
Property taxes	\$106,600	\$ -	\$ 106,600		\$106,600
Other expenses	\$ -		0		\$0
<b>3 Taxes/PILs</b>					
<b>Taxable Income:</b>					
Adjustments required to arrive at taxable income	(\$1,341,194) (3)		(\$1,208,116.19)		(\$1,190,116)
<b>Utility Income Taxes and Rates:</b>					
Income taxes (not grossed up)	\$97,012		\$35,978		\$26,762
Income taxes (grossed up)	\$131,542		\$39,393		\$28,979
Federal tax (%)	15.00%		4.17%		3.82%
Provincial tax (%)	11.25%		4.50%		3.83%
Income Tax Credits			\$ -		
<b>4 Capitalization/Cost of Capital</b>					
<b>Capital Structure:</b>					
Long-term debt Capitalization Ratio (%)	56.0%		56.0%		56.0%
Short-term debt Capitalization Ratio (%)	4.0% (2)		4.0% (2)		4.0% (2)
Common Equity Capitalization Ratio (%)	40.0%		40.0%		40.0%
Preferred Shares Capitalization Ratio (%)					
	100.0%		100.0%		100.0%
<b>Cost of Capital</b>					
Long-term debt Cost Rate (%)	5.32%		5.01%		4.21%
Short-term debt Cost Rate (%)	2.46%		2.08%		2.08%
Common Equity Cost Rate (%)	9.58%		9.42%		8.82%
Preferred Shares Cost Rate (%)					

**Notes:**

- General** Data inputs are required on Sheets 3, 10A and 10B. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
  - (2) 4.0% unless an Applicant has proposed or been approved for another amount.
  - (3) Net of addbacks and deductions to arrive at taxable income.
  - (4) Average of Gross Fixed Assets at beginning and end of the Test Year
  - (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
  - (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
  - (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement





Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Rate Base and Working Capital**

**Rate Base**

Line No.	Particulars		Initial Application				Per Board Decision	
1	Gross Fixed Assets (average) (3)	\$58,245,701	(\$1,467,006)	\$56,778,694	(\$600,000)	\$56,178,694		
2	Accumulated Depreciation (average) (3)	(\$21,569,493)	(\$90,578)	(\$21,660,071)	\$14,967	(\$21,645,104)		
3	Net Fixed Assets (average) (3)	\$36,676,208	(\$1,557,585)	\$35,118,623	(\$585,033)	\$34,533,590		
4	Allowance for Working Capital (1)	\$7,967,948	(\$16,430)	\$7,951,519	(\$56,103)	\$7,895,415		
5	<b>Total Rate Base</b>	<b>\$44,644,156</b>	<b>(\$1,574,015)</b>	<b>\$43,070,141</b>	<b>(\$641,136)</b>	<b>\$42,429,005</b>		

**Allowance for Working Capital - Derivation**

(1)

6	Controllable Expenses	\$6,397,261	(\$123,240)	\$6,274,021	(\$374,021)	\$5,900,000
7	Cost of Power	\$46,722,395	\$13,707	\$46,736,102	\$ -	\$46,736,102
8	Working Capital Base	\$53,119,656	(\$109,533)	\$53,010,124	(\$374,021)	\$52,636,103
9	Working Capital Rate % (2)	15.00%	0.00%	15.00%	0.00%	15.00%
10	Working Capital Allowance	\$7,967,948	(\$16,430)	\$7,951,519	(\$56,103)	\$7,895,415

**Notes**

(2)

Some Applicants may have a unique rate as a result of a lead-lag study.

(3)

Average of opening and closing balances for the year.



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**Halton Hills Hydro Inc.  
Utility Income**

Line No.	Particulars	Initial Application				Per Board Decision
<b>Operating Revenues:</b>						
1	Distribution Revenue (at Proposed Rates)	\$10,095,456	(\$683,799)	\$9,411,657	(\$790,170)	\$8,621,486
2	Other Revenue	(1) \$1,142,245	\$16,800	\$1,159,045	\$ -	\$1,159,045
3	<b>Total Operating Revenues</b>	<b>\$11,237,701</b>	<b>(\$666,999)</b>	<b>\$10,570,702</b>	<b>(\$790,170)</b>	<b>\$9,780,531</b>
<b>Operating Expenses:</b>						
4	OM+A Expenses	\$6,290,661	(\$123,240)	\$6,167,421	(\$374,021)	\$5,793,400
5	Depreciation/Amortization	\$1,624,165	(\$233,972)	\$1,390,193	(\$71,144)	\$1,319,049
6	Property taxes	\$106,600	\$ -	\$106,600	\$ -	\$106,600
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	<b>Subtotal (lines 4 to 8)</b>	<b>\$8,021,426</b>	<b>(\$357,212)</b>	<b>\$7,664,214</b>	<b>(\$445,165)</b>	<b>\$7,219,049</b>
10	Deemed Interest Expense	\$1,373,969	(\$129,758)	\$1,244,210	(\$208,603)	\$1,035,607
11	<b>Total Expenses (lines 9 to 10)</b>	<b>\$9,395,395</b>	<b>(\$486,971)</b>	<b>\$8,908,424</b>	<b>(\$653,768)</b>	<b>\$8,254,656</b>
12	<b>Utility income before income taxes</b>	<b>\$1,842,306</b>	<b>(\$180,029)</b>	<b>\$1,662,277</b>	<b>(\$136,402)</b>	<b>\$1,525,875</b>
13	Income taxes (grossed-up)	\$131,542	(\$92,149)	\$39,393	(\$10,414)	\$28,979
14	<b>Utility net income</b>	<b>\$1,710,764</b>	<b>(\$87,880)</b>	<b>\$1,622,884</b>	<b>(\$125,988)</b>	<b>\$1,496,896</b>

**Notes**

**Other Revenues / Revenue Offsets**

(1)	Specific Service Charges	\$172,792	(\$0)	\$172,792	\$ -	\$172,792
	Late Payment Charges	\$271,607	(\$0)	\$271,607	\$ -	\$271,607
	Other Distribution Revenue	\$249,346	\$4,300	\$253,646	\$ -	\$253,646
	Other Income and Deductions	\$448,500	\$12,500	\$461,000	\$ -	\$461,000
	<b>Total Revenue Offsets</b>	<b>\$1,142,245</b>	<b>\$16,800</b>	<b>\$1,159,045</b>	<b>\$ -</b>	<b>\$1,159,045</b>



Ontario Energy Board

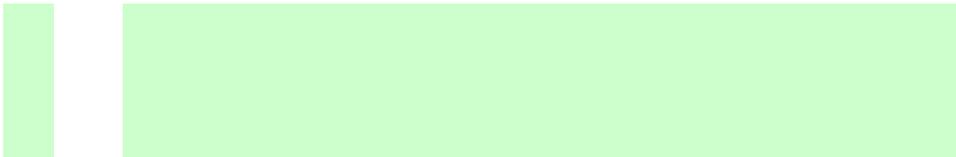
**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

Halton Hills Hydro Inc.  
Taxes/PILs

Line No.	Particulars	Application		Per Board Decision
<b>Determination of Taxable Income</b>				
1	Utility net income before taxes	\$1,710,764	\$1,622,883	\$1,496,895
2	Adjustments required to arrive at taxable utility income	(\$1,341,194)	(\$1,208,116)	(\$1,190,116)
3	Taxable income	<u>\$369,570</u>	<u>\$414,767</u>	<u>\$306,779</u>
<b>Calculation of Utility Income Taxes</b>				
4	Income taxes	<u>\$97,012</u>	<u>\$35,978</u>	<u>\$26,762</u>
6	Total taxes	<u>\$97,012</u>	<u>\$35,978</u>	<u>\$26,762</u>
7	Gross-up of Income Taxes	<u>\$34,530</u>	<u>\$3,415</u>	<u>\$2,217</u>
8	Grossed-up Income Taxes	<u>\$131,542</u>	<u>\$39,393</u>	<u>\$28,979</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$131,542</u>	<u>\$39,393</u>	<u>\$28,979</u>
10	Other tax Credits	\$ -	\$ -	\$ -
<b>Tax Rates</b>				
11	Federal tax (%)	15.00%	4.17%	3.82%
12	Provincial tax (%)	11.25%	4.50%	3.83%
13	Total tax rate (%)	<u>26.25%</u>	<u>8.67%</u>	<u>7.65%</u>

**Notes**





Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

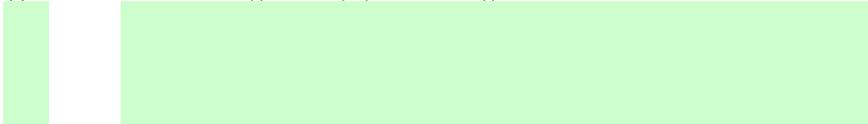
Version 2.20

Halton Hills Hydro Inc.  
Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
<b>Initial Application</b>					
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
1	Long-term Debt	56.00%	\$25,000,728	5.32%	\$1,330,039
2	Short-term Debt	4.00%	\$1,785,766	2.46%	\$43,930
3	<b>Total Debt</b>	<b>60.00%</b>	<b>\$26,786,494</b>	<b>5.13%</b>	<b>\$1,373,969</b>
	<b>Equity</b>				
4	Common Equity	40.00%	\$17,857,663	9.58%	\$1,710,764
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	<b>Total Equity</b>	<b>40.00%</b>	<b>\$17,857,663</b>	<b>9.58%</b>	<b>\$1,710,764</b>
7	<b>Total</b>	<b>100.00%</b>	<b>\$44,644,156</b>	<b>6.91%</b>	<b>\$3,084,733</b>
<b>Per Board Decision</b>					
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
1	Long-term Debt	56.00%	\$24,119,279	5.01%	\$1,208,376
2	Short-term Debt	4.00%	\$1,722,806	2.08%	\$35,834
3	<b>Total Debt</b>	<b>60.00%</b>	<b>\$25,842,085</b>	<b>4.81%</b>	<b>\$1,244,210</b>
	<b>Equity</b>				
4	Common Equity	40.00%	\$17,228,057	9.42%	\$1,622,883
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	<b>Total Equity</b>	<b>40.00%</b>	<b>\$17,228,057</b>	<b>9.42%</b>	<b>\$1,622,883</b>
7	<b>Total</b>	<b>100.00%</b>	<b>\$43,070,141</b>	<b>6.66%</b>	<b>\$2,867,093</b>
		(%)	(\$)	(%)	(\$)
	<b>Debt</b>				
8	Long-term Debt	56.00%	\$23,760,243	4.21%	\$1,000,306
9	Short-term Debt	4.00%	\$1,697,160	2.08%	\$35,301
10	<b>Total Debt</b>	<b>60.00%</b>	<b>\$25,457,403</b>	<b>4.07%</b>	<b>\$1,035,607</b>
	<b>Equity</b>				
11	Common Equity	40.00%	\$16,971,602	8.82%	\$1,496,895
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	<b>Total Equity</b>	<b>40.00%</b>	<b>\$16,971,602</b>	<b>8.82%</b>	<b>\$1,496,895</b>
14	<b>Total</b>	<b>100.00%</b>	<b>\$42,429,005</b>	<b>5.97%</b>	<b>\$2,532,502</b>

**Notes**

(1) 4.0% unless an Applicant has proposed or been approved for another amount.





Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Revenue Deficiency/Sufficiency**

Line No.	Particulars	Initial Application		Per Board Decision			
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$929,610		\$209,474		(\$584,243)
2	Distribution Revenue	\$9,165,845	\$9,165,845	\$9,202,162	\$9,202,183	\$9,202,162	\$9,205,729
3	Other Operating Revenue	\$1,142,245	\$1,142,245	\$1,159,045	\$1,159,045	\$1,159,045	\$1,159,045
	Offsets - net						
4	<b>Total Revenue</b>	<b>\$10,308,091</b>	<b>\$11,237,701</b>	<b>\$10,361,207</b>	<b>\$10,570,702</b>	<b>\$10,361,207</b>	<b>\$9,780,531</b>
5	Operating Expenses	\$8,021,426	\$8,021,426	\$7,664,214	\$7,664,214	\$7,219,049	\$7,219,049
6	Deemed Interest Expense	\$1,373,969	\$1,373,969	\$1,244,210	\$1,244,210	\$1,035,607	\$1,035,607
	<b>Total Cost and Expenses</b>	<b>\$9,395,395</b>	<b>\$9,395,395</b>	<b>\$8,908,424</b>	<b>\$8,908,424</b>	<b>\$8,254,656</b>	<b>\$8,254,656</b>
7	<b>Utility Income Before Income Taxes</b>	<b>\$912,696</b>	<b>\$1,842,306</b>	<b>\$1,452,783</b>	<b>\$1,662,277</b>	<b>\$2,106,551</b>	<b>\$1,525,875</b>
8	Tax Adjustments to Accounting Income per 2009 PILs	(\$1,341,194)	(\$1,341,194)	(\$1,208,116)	(\$1,208,116)	(\$1,190,116)	(\$1,190,116)
9	<b>Taxable Income</b>	<b>(\$428,498)</b>	<b>\$501,112</b>	<b>\$244,667</b>	<b>\$454,161</b>	<b>\$916,435</b>	<b>\$335,759</b>
10	Income Tax Rate	26.25%	26.25%	8.67%	8.67%	7.65%	7.65%
11	<b>Income Tax on Taxable Income</b>	<b>(\$112,481)</b>	<b>\$131,542</b>	<b>\$21,213</b>	<b>\$39,376</b>	<b>\$70,107</b>	<b>\$25,686</b>
12	<b>Income Tax Credits</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
13	<b>Utility Net Income</b>	<b>\$1,025,177</b>	<b>\$1,710,764</b>	<b>\$1,431,570</b>	<b>\$1,622,884</b>	<b>\$2,036,444</b>	<b>\$1,496,896</b>
14	<b>Utility Rate Base</b>	<b>\$44,644,156</b>	<b>\$44,644,156</b>	<b>\$43,070,141</b>	<b>\$43,070,141</b>	<b>\$42,429,005</b>	<b>\$42,429,005</b>
	Deemed Equity Portion of Rate Base	\$17,857,663	\$17,857,663	\$17,228,057	\$17,228,057	\$16,971,602	\$16,971,602
15	Income/(Equity Portion of Rate Base)	5.74%	9.58%	8.31%	9.42%	12.00%	8.82%
16	Target Return - Equity on Rate Base	9.58%	9.58%	9.42%	9.42%	8.82%	8.82%
17	Deficiency/Sufficiency in Return on Equity	-3.84%	0.00%	-1.11%	0.00%	3.18%	0.00%
18	Indicated Rate of Return	5.37%	6.91%	6.21%	6.66%	7.24%	5.97%
19	Requested Rate of Return on Rate Base	6.91%	6.91%	6.66%	6.66%	5.97%	5.97%
20	Deficiency/Sufficiency in Rate of Return	-1.54%	0.00%	-0.44%	0.00%	1.27%	0.00%
21	Target Return on Equity	\$1,710,764	\$1,710,764	\$1,622,883	\$1,622,883	\$1,496,895	\$1,496,895
22	Revenue Deficiency/(Sufficiency)	\$685,588	\$ -	\$191,313	\$1	(\$539,548)	\$1
23	<b>Gross Revenue Deficiency/(Sufficiency)</b>	<b>\$929,610 (1)</b>		<b>\$209,474 (1)</b>		<b>(\$584,243) (1)</b>	

Notes:  
(1)

Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Ontario Energy Board

**REVENUE REQUIREMENT  
WORK FORM**

Version 2.20

**Halton Hills Hydro Inc.  
Revenue Requirement**

Line No.	Particulars	Application		Per Board Decision	
1	OM&A Expenses	\$6,290,661		\$6,167,421	\$5,793,400
2	Amortization/Depreciation	\$1,624,165		\$1,390,193	\$1,319,049
3	Property Taxes	\$106,600		\$106,600	\$106,600
5	Income Taxes (Grossed up)	\$131,542		\$39,393	\$28,979
6	Other Expenses	\$ -		\$ -	\$ -
7	Return				
	Deemed Interest Expense	\$1,373,969		\$1,244,210	\$1,035,607
	Return on Deemed Equity	\$1,710,764		\$1,622,883	\$1,496,895
8	<b>Service Revenue Requirement (before Revenues)</b>	<u>\$11,237,701</u>		<u>\$10,570,701</u>	<u>\$9,780,530</u>
9	Revenue Offsets	\$1,142,245		\$1,159,045	\$1,159,045
10	<b>Base Revenue Requirement</b>	<u>\$10,095,456</u>		<u>\$9,411,656</u>	<u>\$8,621,485</u>
11	Distribution revenue	\$10,095,456		\$9,411,657	\$8,621,486
12	Other revenue	\$1,142,245		\$1,159,045	\$1,159,045
13	<b>Total revenue</b>	<u>\$11,237,701</u>		<u>\$10,570,702</u>	<u>\$9,780,531</u>
14	<b>Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)</b>	<u>\$ - (1)</u>		<u>\$1 (1)</u>	<u>\$1 (1)</u>

**Notes**

(1)

Line 11 - Line 8

