

WELLAND HYDRO-ELECTRIC SYSTEM CORP.

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October 21, 2009

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

Dear Ms Walli:

Re: EB-2009-0252
Welland Hydro-Electric System Corp.
Application to the Ontario Energy Board for Electricity
Distribution Rates and Charges effective May 1, 2010

Please find accompanying this letter two copies of Welland Hydro's Application for its Electricity Distribution Rates and Charges effective May 1, 2010, together with an electronic version of same and required Excel spreadsheets.

Yours very truly,

Wayne Armstrong
Director of Finance
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IN THE MATTER OF the *Ontario Energy Board Act, 1998*, S. O. 1998 c.15, Schedule B, as amended;

AND IN THE MATTER OF an Application by Welland Hydro-Electric System Corp. for an Order or Orders approving and fixing just and reasonable rates effective May 1, 2010.

**EB-2009-0252 Application to the Ontario
Energy Board by Welland Hydro-
Electric System Corp. for 2010
Electricity Distribution Rates Filed:
October 21, 2009**

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WELLAND HYDRO-ELECTRIC SYSTEM CORP.
APPLICATION FOR APPROVAL OF ELECTRICITY DISTRIBUTION RATES
EFFECTIVE MAY 1, 2010

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WELLAND HYDRO-ELECTRIC SYSTEM CORP.
APPLICATION FOR APPROVAL OF ELECTRICITY DISTRIBUTION RATES
EFFECTIVE MAY 1, 2010

EB-2009-0252

MANAGER'S SUMMARY

1) INTRODUCTION

Welland Hydro-Electric System Corp. ("Welland Hydro") filed a Cost of Service Rate Application for 2009 Distribution Rates. The Ontario Energy Board ("OEB") issued its Decision and Order for Rate Application EB-2008-0247 on July 7, 2009. A Rate Order was approved on July 31, 2009 and 2009 Distribution Rates are detailed in Appendix A - Current Tariff of Rates and Charges. As a result of filing a Cost of Service Application for 2009, Welland Hydro is now subject to the 3rd Generation Incentive Regulation Mechanism ("IRM3") for determining 2010 Distribution Rates.

2) 3RD GENERATION IRM

On August 24, 2009 the OEB issued filing instructions for the 2010 3rd Generation Incentive Regulation Mechanism. The filing involves completion of three excel modules as follows:

- i) 2010 IRM3 Supplemental Filing Module
- ii) 2010 IRM Deferral and Variance Account Work Form
- iii) 2010 IRM3 Rate Generator

Completion of these models results in various adjustments to 2009 Distribution Rates which are summarized in Appendix B – Summary of Adjustments. Applying the adjustments to 2009 Distribution Rates results in proposed 2010 Distribution Rates effective May 1, 2010 which are

summarized in Appendix C – Proposed Tariff of Rates and Charges. Each adjustment to the current rates will be discussed in the sections which follow along with the resultant Bill Impacts by Customer Class.

3) 2010 IRM3 SUPPLEMENTAL FILING MODULE

The 2010 IRM3 Supplemental filing module is used to calculate the adjustments for 2010 Revenue to Cost Ratio Adjustments, K Factor Adjustment for Capital Structure Transition, and Z-Factor Tax Change Rate Rider. Welland Hydro is not requesting an Incremental Capital Adjustment which is also included in the model. Schedules contained in the 2010 IRM3 Supplemental Filing Module can be found in Appendix D attached.

a) Revenue to Cost Ratio Adjustment

The Decision and Order for EB-2008-0247 ordered Welland Hydro to bring the General Service 50 to 4,999 kW, Sentinel Lighting, and Street Lighting customer classes to the low end of the approved target Revenue to Cost ranges with the resulting offsetting decrease to the Residential Class effective May 1, 2010. No changes were required to the General Service Less Than 50 kW, Large Use, and Unmetered Scattered Load customer classes.

During the Cost of Service Application process, the starting point for Revenue to Cost Ratios was an issue as a result of the treatment of transformer ownership allowance. In many cases the OEB ruled that the more appropriate starting point is to remove transformer ownership allowance from both Revenue and Expenses. However, in its Decision and Order for EB-2008-0247 (Page 29) the Board agreed with Welland Hydro's treatment of transformer allowance and states "The Board has adopted VECC's approach to dealing with the transformer allowance in a number of cases. However, the Board is not convinced that the ratios provided in the response to VECC's interrogatories in this case provide a better starting point from which to re-balance Welland's distribution rates". As a result of this decision, Welland Hydro is unable to use the Cost Ratio Adjustment portion of the Supplemental Filing Module as the GS 50 to 4,999 kW is incorrect which affects the Residential Class. In its place, Welland Hydro will continue with the same model presented in Exhibit H & I in the Draft Rate Order of July 17, 2009. Table 1 (Pg.4)

and Table 2 (Pg.5) detail the adjustments required in 2010 as a result of Revenue to Cost Ratio Adjustments. The differences between the Supplemental Filing Module and the method approved by the Board in EB-2008-0247 are detailed as follows:

| <u>Customer Classification</u> | <u>Adjustment Per Board Decision</u> | | | <u>2010 Adjustment Per Module</u> | <u>Difference</u> |
|---------------------------------|--------------------------------------|----------------------|------------------------|-----------------------------------|-------------------|
| | <u>2009 Current</u> | <u>2010 Proposed</u> | <u>2010 Adjustment</u> | | |
| Residential | | | | | |
| Base Monthly Service Charge | 14.87 | 14.14 | -0.73 | -0.68 | -0.05 |
| Base Volumetric Charge per kwh | 0.0150 | 0.0143 | -0.0007 | -0.0007 | 0.0000 |
| General Service Less Than 50 kW | | | | | |
| Base Monthly Service Charge | 24.51 | 24.51 | 0.00 | 0.00 | 0.00 |
| Base Volumetric Charge per kwh | 0.0086 | 0.0086 | 0.0000 | 0.0000 | 0.0000 |
| General Service 50 to 4,999 kW | | | | | |
| Base Monthly Service Charge | 306.14 | 339.59 | 33.45 | 29.30 | 4.15 |
| Base Volumetric Charge per kW | 1.2843 | 1.4246 | 0.1403 | 0.1229 | 0.0174 |
| Large Use | | | | | |
| Base Monthly Service Charge | 12831.71 | 12831.71 | 0.00 | 0.00 | 0.00 |
| Base Volumetric Charge per kW | 0.8658 | 0.8658 | 0.0000 | 0.0000 | 0.0000 |
| Unmetered Scattered Load | | | | | |
| Base Monthly Service Charge | 13.38 | 13.38 | 0.00 | 0.00 | 0.00 |
| Base Volumetric Charge per kwh | 0.0092 | 0.0092 | 0.0000 | 0.0000 | 0.0000 |
| Sentinel Lighting | | | | | |
| Base Monthly Service Charge | 1.92 | 2.61 | 0.69 | 0.69 | 0.00 |
| Base Volumetric Charge per kW | 4.3998 | 5.9917 | 1.5919 | 1.5857 | 0.0062 |
| Street Lighting | | | | | |
| Base Monthly Service Charge | 1.37 | 2.49 | 1.12 | 1.12 | 0.00 |
| Base Volumetric Charge per kW | 5.8705 | 10.6690 | 4.7985 | 4.8002 | -0.0017 |

Although the differences between the two methods are not significant, Welland Hydro believes that a continuation of the method approved by the Board in its Decision and Order in EB-2008-0247 is the best method to complete the Revenue to Cost Ratio Adjustments and bring all customer classes with the approved target ranges effective May 1, 2010.

Welland Hydro Electric System Corp.
 Table 1
 Revenue to Cost Analysis-Board Decision Extended to 2010

Revenue to Cost Analysis Per Cost Allocation Study-2009

| Customer Class | Revenue to Cost Ratios Per C.A. Study | Net Revenue Per 2009 Test Year | Addback Transformer Allowances | Gross Distribution Revenue | Miscellaneous Revenue Allocation 2009 | Total Revenue Cost Allocation 2009 | Updated C.A. Study Cost Proportions For 2009 Excluding Transformer | Addback Transformer Allowances | Updated C.A. Study Cost Proportions For 2009 Excluding Transformer | Revenue to Cost Ratios Per 2009 Test Year Filing | Target Ranges Low | Target Ranges High |
|--------------------------|---------------------------------------|--------------------------------|--------------------------------|----------------------------|---------------------------------------|------------------------------------|--|--------------------------------|--|--|-------------------|--------------------|
| Residential | 127.28% | 6,041,460.43 | | 6,041,460.43 | 338,526.16 | 6,379,986.59 | 5,297,647.04 | | 5,297,647.04 | 120.43% | 85.00% | 115.00% |
| GS <50 kW | 75.23% | 980,014.14 | | 980,014.14 | 88,283.09 | 1,068,297.23 | 1,334,536.75 | | 1,334,536.75 | 80.05% | 80.00% | 120.00% |
| GS>50 kW | 65.24% | 1,034,992.82 | 159,306.00 | 1,194,298.82 | 89,921.46 | 1,284,220.28 | 1,609,079.11 | 159,306.00 | 1,768,385.11 | 72.62% | 80.00% | 180.00% |
| Large Use >5MW | 100.73% | 182,083.96 | 118,687.33 | 300,771.29 | 38,871.81 | 339,643.10 | 218,477.13 | 118,687.33 | 337,164.47 | 100.74% | 85.00% | 115.00% |
| Street Light | 12.17% | 187,624.31 | | 187,624.31 | 18,610.95 | 206,235.27 | 513,732.35 | | 513,732.35 | 40.14% | 70.00% | 120.00% |
| Sentinel | 18.71% | 28,016.18 | | 28,016.18 | 2,718.84 | 30,735.03 | 58,329.92 | | 58,329.92 | 52.69% | 70.00% | 120.00% |
| Unmetered Scattered Load | 114.93% | 43,286.15 | | 43,286.15 | 4,598.68 | 47,884.83 | 47,206.69 | | 47,206.69 | 101.44% | 80.00% | 120.00% |
| Back-up/Standby Power | | | | | | | | | | | | |
| | | 8,497,478.00 | 277,993.33 | 8,775,471.33 | 581,531.00 | 9,357,002.33 | 9,079,009.00 | 277,993.33 | 9,357,002.33 | | | |

Revenue to Cost Analysis Per Cost Allocation Study-2010

| Customer Class | Revenue to Cost Ratios Per C.A. Study | Net Revenue Per 2010 Test Year | Addback Transformer Allowances | Gross Distribution Revenue | Miscellaneous Revenue Allocation 2009 | Total Revenue Cost Allocation 2010 | Updated C.A. Study Cost Proportions For 2009 Excluding Transformer | Addback Transformer Allowances | Updated C.A. Study Cost Proportions For 2009 Excluding Transformer | Revenue to Cost Ratios Per 2009 Test Year Filing | Target Ranges Low | Target Ranges High |
|--------------------------|---------------------------------------|--------------------------------|--------------------------------|----------------------------|---------------------------------------|------------------------------------|--|--------------------------------|--|--|-------------------|--------------------|
| Residential | 127.28% | 5,747,499.32 | | 5,747,499.32 | 338,526.16 | 6,086,025.48 | 5,297,647.04 | | 5,297,647.04 | 114.88% | 85.00% | 115.00% |
| GS <50 kW | 75.23% | 980,014.14 | | 980,014.14 | 88,283.09 | 1,068,297.23 | 1,334,536.75 | | 1,334,536.75 | 80.05% | 80.00% | 120.00% |
| GS>50 kW | 65.24% | 1,165,480.63 | 159,306.00 | 1,324,786.63 | 89,921.46 | 1,414,708.09 | 1,609,079.11 | 159,306.00 | 1,768,385.11 | 80.00% | 80.00% | 180.00% |
| Large Use >5MW | 100.73% | 182,083.96 | 118,687.33 | 300,771.29 | 38,871.81 | 339,643.10 | 218,477.13 | 118,687.33 | 337,164.46 | 100.74% | 85.00% | 115.00% |
| Street Light | 12.17% | 341,001.70 | | 341,001.70 | 18,610.95 | 359,612.65 | 513,732.35 | | 513,732.35 | 70.00% | 70.00% | 120.00% |
| Sentinel | 18.71% | 38,112.10 | | 38,112.10 | 2,718.84 | 40,830.94 | 58,329.92 | | 58,329.92 | 70.00% | 70.00% | 120.00% |
| Unmetered Scattered Load | 114.93% | 43,286.15 | | 43,286.15 | 4,598.68 | 47,884.83 | 47,206.69 | | 47,206.69 | 101.44% | 80.00% | 120.00% |
| Back-up/Standby Power | | | | | | | | | | | | |
| | | 8,497,478.00 | 277,993.33 | 8,775,471.33 | 581,531.00 | 9,357,002.33 | 9,079,009.00 | 277,993.33 | 9,357,002.33 | | | |

Welland Hydro Electric System Corp
 Table 2
 Distribution Rate Allocation Between Fixed & Variable Rates For 2010 (Based on Board Decision EB-2008-0247)

Distribution Rate Allocation Between Fixed & Variable Rates For 2009 Test Year

| 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 | LV & Wheeling Charges | Total |
|--------------------------------|----------------------------|-------------------|---------------------|-------------------------|---------------------|------------------------|-----------------------|----------------------------|-----------------------|---------------------|
| Residential | 5,747,499.32 | 67.64% | 14.14 | \$0.0143 | \$ 3,362,718 | \$ 2,384,781 | | 5,747,499.32 | 0.00 | 5,747,499.32 |
| GS <50 kW | 980,014.14 | 11.53% | 24.51 | \$0.0086 | \$ 505,004 | \$ 475,010 | | 980,014.14 | 0.00 | 980,014.14 |
| GS>50 kW | 1,165,480.63 | 13.72% | 339.59 | \$1.4246 | \$ 696,839 | \$ 468,642 | \$ 159,306 | 1,324,786.63 | 0.00 | 1,324,786.63 |
| Large Use >5MW | 182,083.96 | 2.14% | 12,831.71 | \$0.8658 | \$ 153,981 | \$ 28,103 | \$ 118,687 | 300,771.29 | 0.00 | 300,771.29 |
| Street Light | 341,001.70 | 4.01% | 2.49 | \$10.6690 | \$ 199,509 | \$ 141,493 | | 341,001.70 | 0.00 | 341,001.70 |
| Sentinel | 38,112.10 | 0.45% | 2.61 | \$5.9917 | \$ 22,582 | \$ 15,530 | | 38,112.10 | 0.00 | 38,112.10 |
| Unmetered Scattered Load | 43,286.15 | 0.51% | 13.38 | \$0.0092 | \$ 33,396 | \$ 9,890 | | 43,286.15 | 0.00 | 43,286.15 |
| Back-up/Standby Power | | | | | | | | | | |
| TOTAL | 8,497,478.00 | 100.00% | | | \$ 4,974,028 | \$ 3,523,450 | \$ 277,993 | \$ 8,775,471 | \$ - | \$ 8,775,471 |
| Forecast Fixed/Variable Ratios | | | | | 56.681% | 40.151% | 3.168% | 100.000% | | |

Fixed Charge Analysis

| Customer Class | Current Volumetric Split | Current Fixed Charge Split | Total | Fixed Rate Based on Current Fixed/Variable Revenue Proportions | 2008 Rates From OEB Approved Tariff | Minimum System with PLCC Adjustment (Ceiling Fixed Charge From Cost Allocation Model) | Fixed Rate Threshold @ 120% of Ceiling Charge |
|--------------------------|--------------------------|----------------------------|---------|--|-------------------------------------|---|---|
| Residential | 41.48% | 58.52% | 100.00% | 14.14 | 12.88 | 7.98 | 9.58 |
| GS <50 kW | 48.48% | 51.52% | 100.00% | 24.51 | 19.13 | 22.06 | 26.47 |
| GS>50 kW | 47.40% | 52.60% | 100.00% | 339.59 | 191.82 | 97.77 | 117.32 |
| Large Use >5MW | 48.80% | 51.20% | 100.00% | 12,831.71 | 10,646.26 | 258.15 | 309.78 |
| Street Light | 41.42% | 58.58% | 100.00% | 2.49 | 0.18 | 5.24 | 6.29 |
| Sentinel | 40.65% | 59.35% | 100.00% | 2.61 | 0.36 | 5.19 | 6.23 |
| Unmetered Scattered Load | 22.87% | 77.13% | 100.00% | 13.38 | 9.71 | 6.98 | 8.38 |
| Back-up/Standby Power | | | | | | | |
| TOTAL | | | | | | | |

b) K Factor Adjustment for Capital Structure Transition

The K Factor for Capital Structure Transition adjusts Revenue Requirement for the last remaining adjustment in Debt to Equity ratios required to reach 60% Debt and 40% Equity as determined by the Board. The adjustment for 2010 results in a K-Factor of -0.04% which is input into D2.2 K-Factor Adjustment of the 2010 OEB IRM3 Rate Generator to reduce 2010 fixed and volumetric distribution charges.

c) Z-Factor Tax Change Rate Rider

This part of the module determines the reduction in PILS in 2010 resulting from a decrease in Ontario Capital Tax and Corporate Tax Rates. Welland Hydro input the relevant information from the 2009 Cost of Service Application into the Supplemental Filing Module. The resultant savings are then shared equally between customers and the distributor. The savings are then prorated to customer classes based on revenue to determine the Tax Change Rate Rider.

Throughout the model Welland Hydro has used forecasted 2009 customer counts and volumes to determine adjustments to rates. This methodology was accepted by the Board to dispose of 2005 to 2007 RSVA variances in the 2009 Cost of Service Application. Welland Hydro has had significant changes within customer classifications from 2007 to 2009 including the loss of two large use accounts. As a result, the forecast volumes were determined to be the best method to make adjustments to rates or dispose of variance accounts.

4) 2010 IRM DEFERRAL & VARIANCE ACCOUNT WORK FORM

The 2009 Cost of Service Application disposed of variances from January 1, 2005 to December 31, 2007 into account 1595 and is being credited to customers over a two year period. This module is used to determine the disposition of 2008 RSVA Variances and their associated interest assuming that the threshold test has been met. Welland Hydro has met the threshold test and proposes to distribute \$577,051 to customers over a two year period. Schedules contained in the 2010 IRM Deferral and Variance Account Work Form can be found in Appendix E attached. Details of the variances for disposition are provided in Table 3 (Pg.7).

Welland Hydro-Electric System Corp
 Table 3
 Request for Clearance Deferral & Variances 2008 Amounts

| RSVA Variance Account | ----- Variance Principle Amounts as at Decemeber 31, 2008 ----- | | | | ---- Variance Interest Amounts as at December 31, 2008 ---- | | | | |
|---|---|-----------------------------------|-------------------------------------|--|---|--|----------------------|---------------------------|----------------------|
| | Jan/05 to Dec/07 | Jan/08 to Dec/08 | Total | General Ledger | Jan/05 to Dec/07 | Jan/08 to Dec/08 | Total | General Ledger | |
| Wholesale Market Service Charge | 1580 | -\$868,190.99 | -\$275,652.48 | -\$1,143,843.47 | -\$1,143,844.47 | -\$50,887.10 | -\$5,550.89 | -\$56,437.99 | -\$56,437.99 |
| Retail Transmission-Network | 1584 | 392,601.52 | -232,197.00 | 160,404.52 | 160,404.52 | 47,224.73 | -6,202.02 | 41,022.71 | 41,022.72 |
| Retail Transmission-Connection | 1586 | 174,979.60 | -130,677.80 | 44,301.80 | 44,301.80 | 17,512.90 | -2,582.78 | 14,930.12 | 14,930.12 |
| Power Variance Excluding Global | 158800 | -903,150.40 | -274,673.58 | -1,177,823.98 | -1,177,823.98 | -55,217.71 | 7,372.33 | -47,845.38 | -47,845.38 |
| Power Variance Global Adjustment | 158801 | -18,625.56 | 374,811.26 | 356,185.70 | 356,185.70 | -40,460.29 | 6,558.71 | -33,901.58 | -33,901.58 |
| <u>Transaction History Details</u> | | Wholesale Market Services 1580 | Retail Transmission Network 1584 | Retail Transmission Connention 1586 | Power Variance Excluding Global Adj 158800 | Power Variance Global Adjustment 158801 | Total Before 1590 | 2006 EDR Balances 1590 | Total For Clearance |
| Variance January 01/05 to December 31/07* | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | -\$18,625.56 | -\$18,625.56 | | |
| Variance January 01/08 to December 31/08 | | -275,652.48 | -232,197.00 | -130,677.80 | -274,673.58 | 374,811.26 | -538,389.60 | | |
| Interest January 01/05 to December 31/07* | | 0.00 | 0.00 | 0.00 | 0.00 | -40,460.29 | -40,460.29 | | |
| Interest January 01/08 to December 31/08 | | -5,550.89 | -6,202.02 | -2,582.78 | 7,372.33 | 6,558.71 | -404.65 | | |
| Interest January 01/09 to December 31/09 | | -3,117.00 | -2,625.00 | -1,478.00 | -3,106.00 | 4,027.00 | -6,299.00 | | |
| interest January 01/10 to April 30/10 | | -498.00 | -420.00 | -236.00 | -497.00 | 644.00 | -1,007.00 | | |
| Total for Clearance Deferral & Variance | | <u>-\$284,818.37</u> | <u>-\$241,444.02</u> | <u>-\$134,974.58</u> | <u>-\$270,904.25</u> | <u>\$326,955.12</u> | <u>-\$605,186.10</u> | <u>\$28,135.00</u> | <u>-\$577,051.10</u> |
| Total Per Sheet 1.5 Reg Assets | | <u>-\$284,818.00</u> | <u>-\$241,443.00</u> | <u>-\$134,976.00</u> | <u>-\$270,904.00</u> | <u>\$326,955.00</u> | | <u>\$28,135.00</u> | <u>-\$577,051.00</u> |

*Not Disposed of in 2009 Rate Application

In addition, disposition of account 1590 balances has also been included in the module. The module assumes that the December 31, 2004 principle and forecasted interest to April 30, 2006 for accounts 1580, 1582, 1584, 1586, and 1588 are final. The module also assumes that forecast recoveries to April 30, 2006 and the associated interest contained in the 2006 EDR is also final. Any differences between forecast and actual recoveries and interest to April 30, 2006 is borne by the shareholder. As Welland Hydro has booked recoveries and interest into 1590 based on actual, this results in a difference between the amount for disposition for 1590 in the module and the balance remaining in the general ledger. An analysis of the difference is as follows:

| <u>Account 1590</u> | <u>2006 EDR & 2010 IRM Deferral and Variance Module</u> | <u>Actual General Ledger</u> |
|-------------------------------------|---|--------------------------------------|
| Expenses/Interest to Recover | \$3,436,103 | \$3,436,103 |
| Recovery/Interest to April 30, 2006 | <u>-1,756,129</u> | <u>-1,776,919</u> |
| Balance to Recover from May 1, 2006 | \$1,679,974 | \$1,659,184 |
| Recovery from May 1, 2006 | -1,690,674 | -1,690,674 |
| Interest from May 1, 2006 | <u>38,837</u> | <u>37,847</u> |
| Balance for Disposition | <u><u>\$28,137</u></u> | <u><u>\$6,357</u></u> |

Welland Hydro will await confirmation from the OEB before adjusting for the difference between the 1590 amount for disposition from the module and the actual amount in the general ledger.

The rate riders for disposition of 2008 RSVA variances have also been based on forecasted 2009 volumes and have been input into the 2010 IRM3 Rate Generator.

5) SMART METER FUNDING ADDER

During the 2009 Cost of Service Rate Application Welland Hydro deferred any increase in the current Smart Meter Funding Adder of \$.27/mth. Welland Hydro is now requesting consideration and approval of a Utility-Specific Smart Meter Funding Adder in accordance with the Smart Meter Funding and Cost Recovery Guideline G-2008-002.

The Province's Smart Meter initiative provides for Smart Meters to be installed for all Residential and Small General Service customers by the end of 2010. Page 1 of Appendix F – Smart Meter Capital & Expenses By Rate Year details Welland Hydro's actual smart meter related spending as at September 30, 2009 with additional spending forecasts through April 30, 2010. Total Capital spending is \$2,329,722 as of September 30 with and additional \$825,401 forecasted from October 2009 to April 2010. The majority of the forecasted capital expenditures is for smart meter hardware and installation costs which can be seen on Page 2 of Appendix F – Smart Meter Status. As of September 30, 2009 Welland Hydro has purchased 97.6% of Residential smart meters and 54.3% of GS<50 kW smart meters. The balance of meters to be purchased represent the higher cost poly-phase meters. Installation of smart meters is 77.2% complete for the Residential Class and is expected to be 100% complete by the end of November 2009. The plan is for Welland Hydro personnel to complete the installation of the GS<50 kW class. As a result, no installation costs have been included. Welland Hydro has not provided any costs estimates related to the operation of the Meter Data Management Repository ("MDM/R") or changes required to billing software at this time.

Pages 3 to 7 of Appendix F provide the Revenue Requirement by rate year from 2006 to 2010. The Rate of Return on Deemed Long Term Debt approved in the 2009 Cost of Service Application was 7.62%. However, in order to finance the smart meter program, Welland Hydro secured a five year loan (interest only) from TD Securities in 2009 with an interest rate of 2.87%. Welland Hydro has used the lower rate of 2.87% to calculate the deemed long term interest expense recoverable for 2009 and 2010. Page 8 of Appendix F contains the estimates for Smart Meter Funding Adder Revenue through April 2010 along with estimated interest recoverable on smart meter expenses through April 2011. Pages 9 and 10 of Appendix F contain fixed asset

continuity schedules for both accounting and tax basis. Welland Hydro has not included the cost of stranded meters in this analysis as they are in the current rate base.

An analysis of Revenue Requirements for Smart Meters from 2006 to 2010 is compared to the estimated Smart Meter Funding Revenue and Interest through 2009 as shown on Page 1 of Appendix F. The result is a forecasted Smart Meter Funding Adder of \$2.23/mth for the 2010 rate year. This number includes not only the current 2010 requirement but a recovery of under funding from 2006 to 2009. However, Welland Hydro proposes to set the 2010 Smart Meter Funding Adder at a rate of \$1.81/mth to recover 2010 Rate Year entitlement levels only. Welland Hydro will continue to monitor the balancing of Revenue Requirements versus Smart Meter Funding on a yearly basis during the IRM process. Welland Hydro will move smart meter assets into rate base in its next cost of service application and will request clearance of any balances in the smart meter variance accounts through a rate rider at that time.

Welland Hydro is committed to meeting its investment obligations created by the Ministry of Energy's Smart Meter Initiative and the implementation of Time of Use Rates. Welland Hydro has provided the support and justification for the calculation of its Smart Meter Revenue Requirement and Smart Meter Adder. Welland Hydro submits that the revised Smart Meter Funding Adder is required to provide the financial funding to continue with its Smart Meter investment without accumulating large balances in the Smart Meter Variance Accounts. The increase of the Smart Meter Funding Adder for the Residential class will be offset by reductions due to cost allocation occurring in 2010. As a result, there will be very little bill impact on the Residential Class in 2010 as a result of the increase in the Smart Meter Funding Adder.

Welland Hydro submits that this request for approval of a Utility-Specific Smart Meter Funding Adder, in the amount of \$1.81 per metered customer per month, meets the requirements of Smart Meter Funding and Cost Recovery Guideline G-2008-0002. Welland Hydro has not incurred and does not expect to incur costs associated with functions for which the SME has the exclusive authority to carry out pursuant to O. Reg. 393/07.

Welland Hydro has adjusted the 2010 IRM3 Rate Generator Module for the increase in the Smart Meter Funding Adder.

6) 2010 IRM3 RATE GENERATOR

Schedules contained in the 2010 IRM3 Rate Generator Module can be found in Appendix G attached. Welland Hydro's 2009 distribution rates are being adjusted for the following items:

- a) Revised Retail Transmission Rates-Network Service Rate (Rate Generator)
 - Reflect new Uniform Transmission Rates for Ontario July 1, 2009 (EB-2008-072)
- b) Revised Retail Transmission Rates-Line & Transformation Connection (Rate Generator)
 - Reflect new Uniform Transmission Rates for Ontario July 1, 2009 (EB-2008-072)
- c) Removal of Foregone Distribution Revenue Rate Riders (2009 Rate Application)
 - Approved in EB-2008-0247 from August 1, 2009 to April 30, 2009
- d) Revenue to Cost Ratio Adjustment (Section 3A above versus Supplemental Module)
 - Brings Revenue to Cost Ratio within targeted ranges for all customer classes
- e) K Factor Adjustment for Capital Structure Transition (Supplemental Module)
 - Brings Debt/Equity Ratios to 60% Debt/40% Equity as required
- f) Price Cap Adjustment (Rate Generator)
- g) Applied for Smart Meter Funding Adder (Section 5 above)
- h) Z Factor Tax Change Rate Rider (Supplemental Module)
- i) Deferral Account Rate Rider Two (IRM Deferral and Variance Account Work Form)

Welland Hydro understands the Board will make the necessary changes to the Price Cap Adjustment as required prior to issuing its decision on this rate application.

7) BILL IMPACTS

Monthly Bill Impacts by customer class are found in Appendix G - Section O2.1 Calculation of Bill Impact. The module compares monthly bills using 2009 approved rates (including foregone revenue requirement adders) to proposed rates for 2010. They can be summarized as follows:

| Customer Class | Usage kwh | Usage kW | 2009 Monthly Bill | 2010 Monthly Bill | % Change Including Foregone Revenue Rate Rider | % Change Excluding Foregone Revenue Rate Rider |
|---------------------|-----------|----------|-------------------|-------------------|--|--|
| Residential | 800 | | \$104.01 | \$102.57 | -1.40% | -0.16% |
| GS<50 kW | 2,000 | | \$235.31 | \$232.41 | -1.20% | 0.18% |
| GS 50 to 4,999 kW | 9,840 | 62 | \$1,497.53 | \$1,490.01 | -0.50% | 3.00% |
| | 75,000 | 750 | \$8,053.76 | \$8,021.01 | -0.40% | 0.62% |
| Large Use | 4,700,000 | 13,900 | \$478,379.97 | \$475,893.20 | -0.50% | -0.24% |
| Unmetered Scattered | 500 | | \$64.93 | \$62.92 | -3.10% | -0.54% |
| Sentinel Lighting | 135 | 0.30 | \$15.93 | \$16.18 | 1.60% | 7.75% |
| Street Lighting | 63 | 0.17 | \$8.88 | \$10.22 | 15.10% | 27.87% |

Welland Hydro has also added a comparison of rates excluding the removal of Foregone Revenue Rider from the 2009 monthly bills. The Residential Class received a decrease due to cost allocation which has been offset by the increase in the Smart Meter Funding Adder resulting in a minor decrease in the overall bill in 2010. The General Service <50 kW has been impacted by the increase in the Smart Meter Funding Adder. The General Service 50 to 4,999 kW, Sentinel Lights, and Street Lighting customer classes have all been impacted by the final Cost Allocation adjustment to bring there Revenue to Cost Ratios to the minimum within the target range. All customer classes have been favourably affected by the distribution of favourable 2008 RSVA balances in a second Deferral & Variance Rate Rider.

8) SUMMARY

Welland Hydro submits that the anticipated bill impacts in this application are reasonable when taking into account the effects of the final Cost Allocation Adjustment and that no mitigation measures are necessary. In light of all of the foregoing, including the minimal bill impacts arising out of its proposed 2010 distribution rate adjustments, Welland Hydro requests that the OEB adjust its rates in the manner set out in the 2010 3rd Generation Modules and Smart Meter Funding Adder analysis submitted in this application. Implementation of the 2010 Distribution Rates will take effect May 1, 2010.

Welland Hydro-Electric System Corp.
Appendix A
CURRENT TARIFF OF RATES AND CHARGES

CURRENT MONTHLY RATES AND CHARGES

Residential

| | | |
|---|--------|-----------|
| Service Charge | \$ | 15.14 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 0.66000 |
| Distribution Volumetric Rate | \$/kWh | 0.0150 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00040) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kWh | 0.00070 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0062 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0050 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

General Service Less Than 50 kW

| | | |
|---|--------|-----------|
| Service Charge | \$ | 24.78 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 1.79000 |
| Distribution Volumetric Rate | \$/kWh | 0.0086 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00110) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kWh | 0.00060 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0055 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0045 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

General Service 50 to 4,999 kW

| | | |
|---|--------|-----------|
| Service Charge | \$ | 306.41 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 38.11000 |
| Distribution Volumetric Rate | \$/kW | 1.2843 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.54330) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 0.15990 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8926 |
| Retail Transmission Rate – Network Service Rate – Interval metered | \$/kW | 1.8773 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.5280 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered | \$/kW | 1.8303 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Welland Hydro-Electric System Corp.
Appendix A
CURRENT TARIFF OF RATES AND CHARGES

CURRENT MONTHLY RATES AND CHARGES

Large Use

| | | |
|---|--------|-----------|
| Service Charge | \$ | 12,831.98 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 728.48000 |
| Distribution Volumetric Rate | \$/kW | 0.8658 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.44930) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 0.04920 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.3756 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 2.0325 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Unmetered Scattered Load

| | | |
|---|--------|-----------|
| Service Charge (per connection) | \$ | 13.38 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 1.22000 |
| Distribution Volumetric Rate | \$/kWh | 0.0092 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00050) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kWh | 0.00080 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0055 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0045 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Sentinel Lighting

| | | |
|---|--------|-----------|
| Service Charge (per connection) | \$ | 1.92 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 0.52000 |
| Distribution Volumetric Rate | \$/kW | 4.3998 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.61300) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 1.19220 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.7627 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4232 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Street Lighting

| | | |
|---|--------|-----------|
| Service Charge (per connection) | \$ | 1.37 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 0.40000 |
| Distribution Volumetric Rate | \$/kW | 5.8705 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.50930) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 1.70006 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.7588 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4201 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Welland Hydro-Electric System Corp.
Appendix A
CURRENT TARIFF OF RATES AND CHARGES

CURRENT SPECIFIC SERVICE CHARGES

Customer Administration

| | | |
|---|----|-------|
| Arrears certificate | \$ | 15.00 |
| Statement of account | \$ | 15.00 |
| Request for other billing information | \$ | 15.00 |
| Easement letter | \$ | 15.00 |
| Account history | \$ | 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 if applicable) | \$ | 30.00 |
| Special meter reads | \$ | 30.00 |
| Meter dispute charge plus Measurement Canada fees (if meter found correct) | \$ | 30.00 |

Non-Payment of Account

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

Other

| | | |
|--|----|-------|
| Install/Remove load control device - during regular hours | \$ | 65.00 |
| Specific Charge for Access to the Power Poles \$/pole/year | \$ | 22.35 |
| Meter upgrade requested by customer plus installation – per month plus installation on a time and materials basis. | \$ | 10.00 |

Allowances

| | | |
|---|-------|----------|
| Transformer Allowance for Ownership - per kW of billing demand/month | \$/kW | (0.70) |
| Foregone Distribution Revenue Rate Rider - Volumetric Rate - effective until April 30, 2010 | \$/kW | (0.0333) |
| Primary Metering Allowance for transformer losses - applied to measured demand and energy | % | (1.00) |

Current Retail Service Charges (if applicable)

Retail Service Charges (if applicable)

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

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

Service Transaction Requests (STR)

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

LOSS FACTORS

| | |
|---|--------|
| Total Loss Factor - Secondary Metered Customer < 5,000 kW | 1.0532 |
| Total Loss Factor - Secondary Metered Customer > 5,000 kW | 1.0145 |
| Total Loss Factor - Primary Metered Customer < 5,000 kW | 1.0427 |
| Total Loss Factor - Primary Metered Customer > 5,000 kW | 1.0045 |

Welland Hydro-Electric System Corp.

EB-2009-0252
 Schedule 2
 Appendix B
 Page 3 of 3
 Filed: October 21, 2009

Welland Hydro Electric System Corp
 Appendix B
 Summary of Adjustments

| | 2009 Approved Rates | Revised RTR Rates | Increase Smart Meter Funding | Remove Foregone Revenue Adder | Add Z-Factor Tax Rate Rider | Add Deferral Rider #2 | Price Cap Adj (Estimate) | Add Revenue to Cost Adj | Add K Factor Change Debt/Equity | 2010 Proposed Rates |
|---|---------------------------|-------------------------|---------------------------------------|--|--------------------------------------|--------------------------------|-----------------------------------|----------------------------------|--|---------------------------|
| Street Lighting | | | | | | | | | | |
| Service Charge | 1.37 | | | | | | 0.029376 | 1.12 | -0.000548 | 2.52 |
| Service Charge Smart Meter Funding Adder | 0.00 | | | | | | | | | 0.00 |
| Foregone Distribution Revenue Rate Rider-Service Charge - effective until April 30, 2010 | 0.40 | | | -0.40 | | | | | | 0.0000 |
| Distribution Volumetric Rate | 5.8705 | | | | | | 0.125866 | 4.7985 | -0.002348 | 10.7925 |
| Foregone Distribution Revenue Rate Rider-Volumetric Rate - effective until April 30, 2010 | 1.7006 | | | -1.7006 | | | | | | 0.0000 |
| Deferral Account Rate Rider 1 - effective until April 30, 2011 | -0.5093 | | | | | | | | | -0.5093 |
| Deferral Account Rate Rider 2 - effective until April 30, 2012 | 0.0000 | | | | | | | | | -0.11579 |
| Distribution Volumetric Tax Change Rate Rider - effective until April 30, 2011 | 0.0000 | | | | | -0.053066 | | | | -0.0531 |
| Retail Transmission Rate-Network Service Rate | 1.7588 | 0.061558 | | | | | | | | 1.8204 |
| Retail Transmission Rate-Line and Transformation Connection Service Rate | 1.4201 | -0.031242 | | | | | | | | 1.3889 |
| Wholesale Market Service Rate | 0.0052 | | | | | | | | | 0.0052 |
| Rural Rate Protection Charge | 0.0013 | | | | | | | | | 0.0013 |
| Standard Supply Service - Administrative Charge (if applicable) | 0.25 | | | | | | | | | 0.25 |
| Transformer Allowance for Ownership - per kW of billing demand/month | | | | | | | | | | |
| Transformer Allowance for Ownership - per kW of billing demand/month | -0.70 | | | | | | | | | -0.70 |
| Foregone Distribution Revenue Rate Rider-Volumetric Rate - effective until April 30, 2010 | -0.0333 | | | 0.0333 | | | | | | 0.0000 |

Welland Hydro-Electric System Corp.
Appendix C
TARIFF OF RATES AND CHARGES
Effective May 1, 2010

APPLIED FOR MONTHLY RATES AND CHARGES

Residential

| | | |
|--|--------|-----------|
| Service Charge | \$ | 14.30 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kWh | 0.0145 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00010) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kWh | (0.00040) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kWh | (0.00091) |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0064 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0049 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

General Service Less Than 50 kW

| | | |
|--|--------|-----------|
| Service Charge | \$ | 24.79 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kWh | 0.0087 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kWh | 0.00000 |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kWh | (0.00110) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kWh | (0.00092) |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0057 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0044 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

General Service 50 to 4,999 kW

| | | |
|---|--------|-----------|
| Service Charge | \$ | 343.47 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kW | 1.4409 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.00610) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.54330) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.15101) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.9588 |
| Retail Transmission Rate – Network Service Rate – Interval metered | \$/kW | 1.9430 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4944 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered | \$/kW | 1.79 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Welland Hydro-Electric System Corp.
Appendix C
TARIFF OF RATES AND CHARGES
Effective May 1, 2010

APPLIED FOR MONTHLY RATES AND CHARGES

Large Use

| | | |
|--|--------|-----------|
| Service Charge | \$ | 12,977.93 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kW | 0.8757 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.00370) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.44930) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.08899) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.4237 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.9878 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Unmetered Scattered Load

| | | |
|--|--------|-----------|
| Service Charge (per connection) | \$ | 13.53 |
| Distribution Volumetric Rate | \$/kWh | 0.0093 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00010) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kWh | (0.00050) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kWh | (0.00106) |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0057 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0044 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Sentinel Lighting

| | | |
|--|--------|-----------|
| Service Charge (per connection) | \$ | 2.64 |
| Distribution Volumetric Rate | \$/kW | 6.0606 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.03030) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.61300) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.35748) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8244 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.3919 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Street Lighting

| | | |
|--|--------|-----------|
| Service Charge (per connection) | \$ | 2.52 |
| Distribution Volumetric Rate | \$/kW | 10.7925 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.05310) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.50930) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.11579) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8204 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.3889 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Welland Hydro-Electric System Corp.
Appendix C
TARIFF OF RATES AND CHARGES
Effective May 1, 2010

Applied For Specific Service Charges

| | | |
|--|----|--------|
| Customer Administration | | |
| Arrears certificate | \$ | 15.00 |
| Statement of account | \$ | 15.00 |
| Request for other billing information | \$ | 15.00 |
| Easement letter | \$ | 15.00 |
| Account history | \$ | 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 if applicable) | \$ | 30.00 |
| Special meter reads | \$ | 30.00 |
| Meter dispute charge plus Measurement Canada fees (if meter found correct) | \$ | 30.00 |
| Non-Payment of Account | | |
| Late Payment - per month | % | 1.50 |
| Late Payment - per annum | % | 19.56 |
| Disconnect/Reconnect at meter - during regular hours | \$ | 65.00 |
| Disconnect/Reconnect at meter - after regular hours | \$ | 185.00 |
| Other | | |
| Install/Remove load control device - during regular hours | \$ | 65.00 |
| Specific Charge for Access to the Power Poles \$/pole/year | \$ | 22.35 |
| Meter upgrade requested by customer plus installation – per month plus installation on a time and materials basis. | \$ | 10.00 |

Allowances

| | | |
|---|-------|--------|
| Transformer Allowance for Ownership - per kW of billing demand/month | \$/kW | (0.70) |
| Primary Metering Allowance for transformer losses - applied to measured demand and energy | % | (1.00) |

Retail Service Charges (if applicable)

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

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

Service Transaction Requests (STR)

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

LOSS FACTORS

| | |
|---|--------|
| Total Loss Factor - Secondary Metered Customer < 5,000 kW | 1.0532 |
| Total Loss Factor - Secondary Metered Customer > 5,000 kW | 1.0145 |
| Total Loss Factor - Primary Metered Customer < 5,000 kW | 1.0427 |
| Total Loss Factor - Primary Metered Customer > 5,000 kW | 1.0045 |

APPENDIX - D

SUPPLEMENTAL FILING SCHEDULES



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: May 1, 2010

LDC Information

| | |
|-----------------------------------|-------------------------------------|
| Applicant Name | Welland Hydro-Electric System Corp. |
| OEB Application Number | EB-2009-0252 |
| LDC Licence Number | ED-2003-0002 |
| Applied for Effective Date | May 1, 2010 |
| Stretch Factor Group | II |
| Stretch Factor Value | 0.4% |
| Re-based Year | 2009 |
| Most Recent Year Reported | 2007 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: May 1, 2010

Table of Contents

| Sheet Name | Purpose of Sheet |
|---|--|
| <u>A1.1 LDC Information</u> | Enter LDC Data |
| <u>A2.1 Table of Contents</u> | Table of Contents |
| <u>A3.1 WS Completion Guide</u> | Worksheet Completion Guide |
| <u>B1.1 Re-Based Bill Det & Rates</u> | Set Up Rate Classes and enter Re-Based Billing Determinants and Tariff Rates |
| <u>B1.2 Removal of Rate Adders</u> | Removal of Rate Adders |
| <u>B1.3 Re-Based Rev From Rates</u> | Calculated Re-Based Revenue From Rates |
| <u>B1.4 Re-Based Rev Req</u> | Detailed Re-Based Revenue From Rates |
| <u>C1.1 Decision Cost Revenue Adj</u> | Decision - Cost Revenue Adjustments by Rate Class |
| <u>C1.2 Revenue Offsets Allocation</u> | Revenue Offsets Allocation |
| <u>C1.3 Transformer Allowance</u> | Transformer Allowance |
| <u>C1.4 R.C.Ratio Revenue</u> | Revenue / Cost Ratio Revenue |
| <u>C1.5 Proposed R.C.Ratio Adj</u> | Proposed Revenue / Cost Ratio Adjustment |
| <u>C1.6 Proposed Revenue</u> | Proposed Revenue from Revenue / Cost Ratio Adjustment |
| <u>C1.7 Proposed F.V.Rev Alloc</u> | Proposed Fixed Variable Revenue Allocation |
| <u>C1.8 Proposed F.V.Rates</u> | Proposed Fixed and Variable Rates |
| <u>C1.9 Adjust To Proposed Rates</u> | Adjustment required to Proposed Rates |
| <u>D1.1 Ld Act-Mst Recent Yr</u> | Enter Billing Determinants for most recent actual year (i.e. 2007) |
| <u>E1.1 CapitalStructureTransition</u> | Shows the determination of change required for capital transition |
| <u>E1.2 K-Factor Adjustment</u> | Calculates the K-Factor to be used in determination of rates |
| <u>F1.1 Z-Factor Tax Changes</u> | Sharing formula for Tax changes - this is very preliminary |
| <u>F1.3 Calc Tax Chg RRider Var</u> | Option B - Calculation of Tax Sharing Rate Rider - Volumetric Allocation |
| <u>G1.1 Threshold Parameters</u> | Shows calculation of Price Cap and Growth used for incremental capital threshold calculation |
| <u>G2.1 Threshold Test</u> | Input sheet to calculate Threshold and Incremental Capital |
| <u>G3.1 Summary of I.C.Projects</u> | Summary of Incremental Capital Projects |
| <u>G4.1 IncrementalCapitalAdjust</u> | Shows Calculation of Incremental Capital Revenue Requirement |
| <u>G4.2 Iner Cap RRider Opt A.FV</u> | Option A - Calculation of Incremental Capital Rate Rider - Fixed & Variable Split |
| <u>G4.3 Iner Cap RRider Opt B.Var</u> | Option B - Calculation of Incremental Capital Rate Rider - Variable Allocation |



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Worksheet Completion Guide

| | |
|--------------------------------------|---|
| 1 Price Cap Index | <u>G1.1 Threshold Parameters</u> |
| 2 Z Factor Tax Changes | <u>F1.1 Z-Factor Tax Changes</u> <u>F1.3 Calc Tax Chg RRider Var</u> |
| 3 K-Factor Adjustment | <u>B1.4 Re-Based Rev Req</u> <u>E1.1 Capital Structure Transition</u> <u>E1.2 K-Factor Adjustment</u> |
| 4 2008 Revenue Cost Ratio Adjustment | <u>B2.1 2009 Base Dist Rates</u> <u>B2.2 CA Information</u> <u>B2.3 New Starting Point</u> |
| 5 2009 Revenue Cost Ratio Adjustment | <u>B1.1 Re-Based Bill Det & Rates</u> <u>B1.2 Removal of Rate Adders</u> <u>B1.3 Re-Based Rev From Rates</u> <u>B1.4 Re-Based Rev Req</u> <u>C1.1 Decision Cost Revenue Adj</u> <u>C1.2 Revenue Offsets Allocation</u> <u>C1.3 Transformer Allowance</u> <u>C1.4 R C Ratio Revenue</u> <u>C1.5 Proposed R C Ratio Adj</u> <u>C1.6 Proposed Revenue</u> <u>C1.7 Proposed F V Rev Alloc</u> <u>C1.8 Proposed F V Rates</u> <u>C1.9 Adjust To Proposed Rates</u> |
| 6 Incremental Capital Module | <u>B1.1 Re-Based Bill Det & Rates</u> <u>B1.2 Removal of Rate Adders</u> <u>B1.3 Re-Based Rev From Rates</u> <u>B1.4 Re-Based Rev Req</u> <u>D1.1 Ld Act-Mst Rcent Yr</u> <u>G1.1 Threshold Parameters</u> <u>G2.1 Threshold Test</u> <u>G3.1 Summary of I C Projects</u> <u>G4.1 Incremental Capita/Adjust</u> <u>G4.2 Incr Cap RRider Opt A FV</u> <u>G4.3 Incr Cap RRider Opt B Var</u> |



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Rate Class and Re-Based Billing Determinants & Rates

| Rate Group | Rate Class | Fixed Metric | Vol Metric | Re-based Billed | | | Re-based Tariff | Re-based Tariff | Re-based Tariff |
|------------|---------------------------------|--------------|------------|--------------------------|---------------------|--------------------|-----------------|------------------------------|------------------------------|
| | | | | Customers or Connections | Re-based Billed kWh | Re-based Billed kW | Service Charge | Distribution Volumetric Rate | Distribution Volumetric Rate |
| | | | | A | B | C | D | E | F |
| RES | Residential | Customer | kWh | 19,818 | 166,999,701 | | 15.14 | 0.0150 | |
| GSLT50 | General Service Less Than 50 kW | Customer | kWh | 1,717 | 55,348,528 | | 24.78 | 0.0086 | |
| GSGT50 | General Service 50 to 4,999 kW | Customer | kW | 171 | 160,782,066 | 440,796 | 308.41 | | 1.2843 |
| LU | Large Use | Customer | kW | 1 | 49,804,199 | 169,553 | 12,831.98 | | 0.8658 |
| USL | Unmetered Scattered Load | Connection | kWh | 208 | 1,072,774 | | 13.38 | 0.0092 | |
| Sen | Sentinel Lighting | Connection | kW | 721 | 1,098,311 | 2,592 | 1.92 | | 4.3998 |
| SL | Street Lighting | Connection | kW | 6,677 | 4,722,781 | 13,262 | 1.37 | | 5.8705 |
| NA | Rate Class 8 | NA | NA | | | | | | |
| NA | Rate Class 9 | NA | NA | | | | | | |
| NA | Rate Class 10 | NA | NA | | | | | | |
| NA | Rate Class 11 | NA | NA | | | | | | |
| NA | Rate Class 12 | NA | NA | | | | | | |
| NA | Rate Class 13 | NA | NA | | | | | | |
| NA | Rate Class 14 | NA | NA | | | | | | |
| NA | Rate Class 15 | NA | NA | | | | | | |
| NA | Rate Class 16 | NA | NA | | | | | | |
| NA | Rate Class 17 | NA | NA | | | | | | |
| NA | Rate Class 18 | NA | NA | | | | | | |
| NA | Rate Class 19 | NA | NA | | | | | | |
| NA | Rate Class 20 | NA | NA | | | | | | |
| NA | Rate Class 21 | NA | NA | | | | | | |
| NA | Rate Class 22 | NA | NA | | | | | | |
| NA | Rate Class 23 | NA | NA | | | | | | |
| NA | Rate Class 24 | NA | NA | | | | | | |
| NA | Rate Class 25 | NA | NA | | | | | | |



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Removal of Rate Adders

| Rate Class | Re-based Tariff | | Re-based Tariff | | Service Charge Adders | Distribution Volumetric kWh Rate Adders | Distribution Volumetric kW Rate Adders |
|---------------------------------|-----------------|----------------------------------|---------------------------------|---------------------------------|-----------------------|---|--|
| | Re-based Tariff | Distribution Volumetric Rate kWh | Distribution Volumetric Rate kW | Distribution Volumetric Rate kW | | | |
| | A | B | C | F | | | |
| Residential | 15.14 | 0.0150 | 0.0000 | 0.0000 | 0.27 | 0.0000 | 0.0000 |
| General Service Less Than 50 kW | 24.78 | 0.0086 | 0.0000 | 0.0000 | 0.27 | 0.0000 | 0.0000 |
| General Service 50 to 4,999 kW | 306.41 | 0.0000 | 1.2843 | 0.0000 | 0.27 | 0.0000 | 0.0000 |
| Large Use | 12,831.98 | 0.0000 | 0.8658 | 0.0000 | 0.27 | 0.0000 | 0.0000 |
| Unmetered Scattered Load | 13.38 | 0.0092 | 0.0000 | 0.0000 | 0.00 | 0.0000 | 0.0000 |
| Sentinel Lighting | 1.92 | 0.0000 | 4.3998 | 0.0000 | 0.00 | 0.0000 | 0.0000 |
| Street Lighting | 1.37 | 0.0000 | 5.8705 | 0.0000 | 0.00 | 0.0000 | 0.0000 |



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Calculated Re-Based Revenue From Rates

| Rate Class | Re-based Billed Customers or Connections | Re-based Billed kWh | Re-based Billed kW | Re-based Base Service Charge | Re-based Base Volumetric Rate kWh | Re-based Base Volumetric Rate kW | Service Charge Revenue | Distribution Volumetric Rate Revenue kWh | Distribution Volumetric Rate Revenue kW | Revenue Requirement from Rates |
|---------------------------------|--|---------------------|--------------------|------------------------------|-----------------------------------|----------------------------------|------------------------|--|---|--------------------------------|
| | A | B | C | D | E | F | G = A * D * 12 | H = B * E | I = C * F | J = G + H + I |
| Residential | 19,818 | 166,999,701 | 0 | 14.87 | 0.0150 | 0.0000 | 3,536,324 | 2,504,996 | 0 | 6,041,319 |
| General Service Less Than 50 kW | 1,717 | 55,348,528 | 0 | 24.51 | 0.0086 | 0.0000 | 505,004 | 475,997 | 0 | 981,001 |
| General Service 50 to 4,999 kW | 171 | 160,782,066 | 440,796 | 306.14 | 0.0000 | 1.2843 | 628,199 | 0 | 566,114 | 1,194,314 |
| Large Use | 1 | 49,804,199 | 169,553 | 12,831.71 | 0.0000 | 0.8658 | 153,981 | 0 | 146,799 | 300,780 |
| Unmetered Scattered Load | 208 | 1,072,774 | 0 | 13.38 | 0.0092 | 0.0000 | 33,396 | 9,870 | 0 | 43,266 |
| Sentinel Lighting | 721 | 1,098,311 | 2,592 | 1.92 | 0.0000 | 4.3998 | 16,612 | 0 | 11,404 | 28,016 |
| Street Lighting | 6,677 | 4,722,781 | 13,262 | 1.37 | 0.0000 | 5.8705 | 109,770 | 0 | 77,855 | 187,624 |
| | | | | | | | 4,983,286 | 2,990,862 | 802,172 | 8,776,320 |



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Detailed Re-Based Revenue From Rates

| Applicants Rate Base | | Last Rate Re-based Amount | |
|--|---------------|---------------------------|---------------------------------|
| Average Net Fixed Assets | | | |
| Gross Fixed Assets - Re-based Opening | \$ 44,476,751 | A | |
| Add: CWIP Re-based Opening | | B | |
| Re-based Capital Additions | \$ 2,278,000 | C | |
| Re-based Capital Disposals | | D | |
| Re-based Capital Retirements | | E | |
| Deduct: CWIP Re-based Closing | | F | |
| Gross Fixed Assets - Re-based Closing | \$ 46,754,751 | G | |
| Average Gross Fixed Assets | | | \$ 45,615,751 H = (A + G) / 2 |
| Accumulated Depreciation - Re-based Opening | \$ 23,913,517 | I | |
| Re-based Depreciation Expense | \$ 1,717,160 | J | |
| Re-based Disposals | | K | |
| Re-based Retirements | | L | |
| Accumulated Depreciation - Re-based Closing | \$ 25,630,677 | M | |
| Average Accumulated Depreciation | | | \$ 24,772,097 N = (I + M) / 2 |
| | | | \$ 20,843,654 O = H - N |
| Average Net Fixed Assets | | | |
| Working Capital Allowance | | | |
| Working Capital Allowance Base | \$ 40,585,836 | P | |
| Working Capital Allowance Rate | 15.0% | Q | |
| Working Capital Allowance | | | \$ 6,087,875 R = P * Q |
| | | | \$ 26,931,529 S = O + R |
| Rate Base | | | |
| Return on Rate Base | | | |
| Deemed Short Term Debt % | 4.00% | T | \$ 1,077,261 W = S * T |
| Deemed Long Term Debt % | 52.70% | U | \$ 14,192,916 X = S * U |
| Deemed Equity % | 43.30% | V | \$ 11,661,352 Y = S * V |
| Short Term Interest | 1.33% | Z | \$ 14,328 AC = W * Z |
| Long Term Interest | 7.62% | AA | \$ 1,081,500 AD = X * AA |
| Return on Equity | 8.01% | AB | \$ 934,074 AE = Y * AB |
| Return on Rate Base | | | \$ 2,029,902 AF = AC + AD + AE |
| Distribution Expenses | | | |
| OM&A Expenses | \$ 4,913,837 | AG | |
| Amortization | \$ 1,717,160 | AH | |
| Ontario Capital Tax (F1.1 Z-Factor Tax Changes) | \$ 26,846 | AI | |
| Grossed Up PILS (F1.1 Z-Factor Tax Changes) | \$ 391,264 | AJ | |
| Low Voltage | | AK | |
| Transformer Allowance | \$ 277,993 | AL | |
| | | AM | |
| | | AN | |
| | | AO | |
| | | | \$ 7,327,100 AP = SUM (AG : AO) |
| Revenue Offsets | | | |
| Specific Service Charges | \$ 235,485 | AQ | |
| Late Payment Charges | \$ 66,000 | AR | |
| Other Distribution Income | \$ 192,051 | AS | |
| Other Income and Deductions | \$ 87,995 | AT | |
| | | | \$ 581,531 AU = SUM (AQ : AT) |
| Revenue Requirement from Distribution Rates | | | \$ 8,775,471 AV = AF + AP + AU |
| Rate Classes Revenue | | | |
| Rate Classes Revenue - Total (B1.1 Re-based Revenue - Gen) | | | \$ 8,776,320 AW |



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Decision - Cost Revenue Adjustments by Rate Class

| Rate Class | Group | Pre -Rebased | Rebased | Transition | Transition | Transition | Transition |
|---------------------------------|-----------|--------------|--------------|----------------|----------------|----------------|----------------|
| | | Year 2008 | Year 2009 | Year 2 2010 | Year 3 2011 | Year 4 2012 | Year 5 2013 |
| Residential | Rebalance | 127.28% | 120.43% | tbd | tbd | tbd | tbd |
| General Service Less Than 50 kW | No Change | 75.23% | 80.05% | 80.05% | 80.05% | 80.05% | 80.05% |
| General Service 50 to 4,999 kW | Change | 65.24% | 72.62% | 80.00% | 80.00% | 80.00% | 80.00% |
| Large Use | No Change | 100.73% | 100.74% | 100.74% | 100.74% | 100.74% | 100.74% |
| Unmetered Scattered Load | No Change | 114.93% | 101.44% | 101.44% | 101.44% | 101.44% | 101.44% |
| Sentinel Lighting | Change | 18.71% | 52.69% | 70.00% | 70.00% | 70.00% | 70.00% |
| Street Lighting | Change | 12.17% | 40.14% | 70.00% | 70.00% | 70.00% | 70.00% |



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Revenue Offsets Allocation

| Rate Class | Informational Filing | | Allocated Revenue |
|---------------------------------|----------------------|------------------|-------------------|
| | Revenue Offsets | Percentage Split | Offsets |
| | A | C = A / B | E = D * C |
| Residential | 338,526 | 58.21% | 338,526 |
| General Service Less Than 50 kW | 88,283 | 15.18% | 88,283 |
| General Service 50 to 4,999 kW | 89,921 | 15.46% | 89,921 |
| Large Use | 38,872 | 6.68% | 38,872 |
| Unmetered Scattered Load | 4,599 | 0.79% | 4,599 |
| Sentinel Lighting | 2,719 | 0.47% | 2,719 |
| Street Lighting | 18,611 | 3.20% | 18,611 |
| | 581,531 | 100.00% | 581,531 |
| | B | | D |



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Transformer Allowance

| Rate Class | Transformer Allowance In Rate | Transformer | | | | Volumetric Distribution Rate | Billed kW's | Adjusted Volumetric Distribution Rate <small>I = (F * (G - C) + (F - E) * C) / G</small> |
|---------------------------------|-------------------------------|----------------|----------------|----------------|--------|------------------------------|-------------|---|
| | | Allowance | Allowance kW's | Allowance Rate | Rate | | | |
| | | A | C | E | F | | | |
| Residential | No | | | | | | | |
| General Service Less Than 50 kW | No | | | | | | | |
| General Service 50 to 4,999 kW | Yes | 159,306 | 227,580 | 0.7000 | 1.2843 | 440,796 | 0.9229 | |
| Large Use | Yes | 118,687 | 169,553 | 0.7000 | 0.8658 | 169,553 | 0.1658 | |
| Unmetered Scattered Load | No | | | | | | | |
| Sentinel Lighting | No | | | | | | | |
| Street Lighting | No | | | | | | | |
| | | <u>277,993</u> | <u>397,133</u> | | | <u>610,349</u> | | |
| | | B | D | | | H | | |
| | | 0 | | | | | | |



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Revenue / Cost Ratio Revenue

| Rate Class | Billed Customers or Connections | | | Billed kW | Billed kWh | Base Service Charge | Base Distribution Volumetric Rate kWh | Base Distribution Volumetric Rate kW | Distribution Volumetric Rate kWh | Distribution Volumetric Rate kW | Revenue Requirement from Rates | Allocated Revenue Offset | Adjusted Revenue | |
|---------------------------------|---------------------------------|-------------|---------|-----------|------------|---------------------|---------------------------------------|--------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|------------------|------------------|
| | A | B | C | | | | | | | | | | | D |
| Residential | 19,818 | 166,999,701 | 0 | 0 | 14.87 | 0.0150 | 0.0000 | | 3,536,324 | 2,504,996 | 0 | 6,041,319 | 338,526 | 6,379,845 |
| General Service Less Than 50 kW | 1,717 | 55,348,528 | 0 | 0 | 24.51 | 0.0086 | 0.0000 | | 505,004 | 475,997 | 0 | 981,001 | 88,283 | 1,069,284 |
| General Service 50 to 4,999 kW | 171 | 160,782,066 | 440,796 | 0 | 306.14 | 0.0000 | 0.9223 | | 628,199 | 0 | 406,808 | 1,035,008 | 89,921 | 1,124,929 |
| Large Use | 1 | 49,804,199 | 169,553 | 0 | ##### | 0.0000 | 0.1658 | | 153,981 | 0 | 28,112 | 182,092 | 38,872 | 220,964 |
| Unmetered Scattered Load | 208 | 1,072,774 | 0 | 0 | 13.38 | 0.0092 | 0.0000 | | 33,396 | 9,870 | 0 | 43,266 | 4,599 | 47,865 |
| Sentinel Lighting | 721 | 1,098,311 | 2,592 | 0 | 1.92 | 0.0000 | 4.3998 | | 16,612 | 0 | 11,404 | 28,016 | 2,719 | 30,735 |
| Street Lighting | 6,677 | 4,722,761 | 13,262 | 0 | 1.37 | 0.0000 | 5.8705 | | 109,770 | 0 | 77,855 | 187,624 | 18,611 | 206,235 |
| | | | | | | | | | <u>4,983,286</u> | <u>2,990,862</u> | <u>524,179</u> | <u>8,498,327</u> | <u>581,531</u> | <u>9,079,858</u> |
| | | | | | | | | | O | P | Q | R | | |



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Proposed Revenue / Cost Ratio Adjustment

| Rate Class | Adjusted | Current Revenue | Proposed | | Final Adjusted | Dollar Change | Percentage |
|---------------------------------|--------------------|-----------------|---------------------|--------------------|---------------------|---------------|-----------------|
| | Revenue | Cost Ratio | Re-Allocated Cost | Revenue Cost Ratio | Revenue | F = E - C | G = (E / C) - 1 |
| | A | B | C = A / B | D | E = C * D | | |
| Residential | \$6,379,845 | 1.20 | \$ 5,297,555 | 1.15 | \$ 6,102,010 | -\$ 277,836 | -4.4% |
| General Service Less Than 50 kW | \$1,069,284 | 0.80 | \$ 1,335,771 | 0.80 | \$ 1,069,284 | -\$ 0 | 0.0% |
| General Service 50 to 4,999 kW | \$1,124,929 | 0.73 | \$ 1,549,062 | 0.80 | \$ 1,239,249 | \$ 114,321 | 10.2% |
| Large Use | \$ 220,964 | 1.01 | \$ 219,341 | 1.01 | \$ 220,964 | \$ 0 | 0.0% |
| Unmetered Scattered Load | \$ 47,865 | 1.01 | \$ 47,186 | 1.01 | \$ 47,865 | \$ 0 | 0.0% |
| Sentinel Lighting | \$ 30,735 | 0.53 | \$ 58,332 | 0.70 | \$ 40,832 | \$ 10,097 | 32.9% |
| Street Lighting | \$ 206,235 | 0.40 | \$ 513,790 | 0.70 | \$ 359,653 | \$ 153,418 | 74.4% |
| | <u>\$9,079,858</u> | | <u>\$ 9,021,036</u> | | <u>\$ 9,079,858</u> | <u>-\$ 0</u> | <u>0.0%</u> |

Out of Balance 0

Final ? Yes



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Proposed Revenue from Revenue / Cost Ratio Adjustment

| Rate Class | Adjusted Revenue By | Allocated Re- | Revenue Requirement | Re-based | Revenue |
|---------------------------------|---------------------|-----------------------|---|-----------------------|------------------------|
| | Revenue Cost Ratio | Based Revenue Offsets | from Rates Before Transformer Allowance | Transformer Allowance | Requirement from Rates |
| | A | B | C = A - B | D | E = C + D |
| Residential | \$ 6,102,010 | \$ 338,526 | \$ 5,763,484 | \$ - | \$ 5,763,484 |
| General Service Less Than 50 kW | \$ 1,069,284 | \$ 88,283 | \$ 981,001 | \$ - | \$ 981,001 |
| General Service 50 to 4,999 kW | \$ 1,239,249 | \$ 89,921 | \$ 1,149,328 | \$ 159,306 | \$ 1,308,634 |
| Large Use | \$ 220,964 | \$ 38,872 | \$ 182,092 | \$ 118,687 | \$ 300,780 |
| Unmetered Scattered Load | \$ 47,865 | \$ 4,599 | \$ 43,266 | \$ - | \$ 43,266 |
| Sentinel Lighting | \$ 40,832 | \$ 2,719 | \$ 38,113 | \$ - | \$ 38,113 |
| Street Lighting | \$ 359,653 | \$ 18,611 | \$ 341,042 | \$ - | \$ 341,042 |
| | <u>\$ 9,079,858</u> | <u>\$ 581,531</u> | <u>\$ 8,498,327</u> | <u>\$ 277,993</u> | <u>\$ 8,776,320</u> |



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Proposed Fixed Variable Revenue Allocation

| Rate Class | Revenue Requirement from Rates A | Service Charge % Revenue B | Distribution Volumetric Rate % Revenue kWh C | Distribution Volumetric Rate % Revenue kW D | Service Charge Revenue E = A * B | Distribution Volumetric Rate Revenue kWh F = A * C | Distribution Volumetric Rate Revenue kW G = A * D | Revenue Requirement from Rates by Rate Class H = E + F + G |
|---------------------------------|-------------------------------------|-------------------------------|---|--|-------------------------------------|---|--|---|
| Residential | \$ 5,763,484 | 58.5% | 41.5% | 0.0% | \$ 3,373,691 | \$ 2,389,793 | \$ - | \$ 5,763,484 |
| General Service Less Than 50 kW | \$ 981,001 | 51.5% | 48.5% | 0.0% | \$ 505,004 | \$ 475,997 | \$ - | \$ 981,001 |
| General Service 50 to 4,999 kW | \$ 1,308,634 | 52.6% | 0.0% | 47.4% | \$ 688,331 | \$ - | \$ 620,303 | \$ 1,308,634 |
| Large Use | \$ 300,780 | 51.2% | 0.0% | 48.8% | \$ 153,981 | \$ - | \$ 146,799 | \$ 300,780 |
| Unmetered Scattered Load | \$ 43,266 | 77.2% | 22.8% | 0.0% | \$ 33,396 | \$ 9,870 | \$ - | \$ 43,266 |
| Sentinel Lighting | \$ 38,113 | 59.3% | 0.0% | 40.7% | \$ 22,599 | \$ - | \$ 15,514 | \$ 38,113 |
| Street Lighting | \$ 341,042 | 58.5% | 0.0% | 41.5% | \$ 199,527 | \$ - | \$ 141,515 | \$ 341,042 |
| | <u>\$ 8,776,320</u> | | | | <u>\$ 4,976,529</u> | <u>\$ 2,875,659</u> | <u>\$ 924,132</u> | <u>\$ 8,776,320</u> |



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Proposed Fixed and Variable Rates

| Rate Class | Service Charge Revenue | Distribution Volumetric Rate Revenue kWh | Distribution Volumetric Rate Revenue kW | Re-based Billed | | | Proposed Base Service Charge | Proposed Base Distribution Volumetric Rate kWh | Proposed Base Distribution Volumetric Rate kW |
|---------------------------------|------------------------|--|---|----------------------------|-----------------------|----------------------|------------------------------|--|---|
| | A | B | C | Customers or Connections D | Re-based Billed kWh E | Re-based Billed kW F | G = A / D / 12 | H = B / E | I = C / F |
| Residential | \$3,373,691 | \$ 2,389,793 | \$ - | 19,818 | 166,999,701 | 0 | 14.19 | 0.0143 | - |
| General Service Less Than 50 kW | \$ 505,004 | \$ 475,997 | \$ - | 1,717 | 55,348,528 | 0 | 24.51 | 0.0086 | - |
| General Service 50 to 4,999 kW | \$ 688,331 | \$ - | \$ 620,303 | 171 | 160,782,066 | 440,796 | 335.44 | - | 1.4072 |
| Large Use | \$ 153,981 | \$ - | \$ 146,799 | 1 | 49,804,199 | 169,553 | 12,831.71 | - | 0.8658 |
| Unmetered Scattered Load | \$ 33,396 | \$ 9,870 | \$ - | 208 | 1,072,774 | 0 | 13.38 | 0.0092 | - |
| Sentinel Lighting | \$ 22,599 | \$ - | \$ 15,514 | 721 | 1,098,311 | 2,592 | 2.61 | - | 5.9855 |
| Street Lighting | \$ 199,527 | \$ - | \$ 141,515 | 6,677 | 4,722,781 | 13,262 | 2.49 | - | 10.6707 |



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Adjustment required to Proposed Rates

| Rate Class | Proposed Base Service Charge A | Proposed Base Distribution Volumetric Rate kWh B | Proposed Base Distribution Volumetric Rate kW C | Current Base Service Charge D | Current Base Distribution Volumetric Rate kWh E | Current Base Distribution Volumetric Rate kW F | Adjustment Required Base Service Charge G = A - D | Adjustment Required Base Distribution Volumetric Rate kWh H = B - E | Adjustment Required Base Distribution Volumetric Rate kW I = C - F |
|---------------------------------|-----------------------------------|---|--|----------------------------------|--|---|--|--|---|
| Residential | \$ 14.19 | \$ 0.0143 | \$ - | \$ 14.87 | \$ 0.0150 | \$ - | -\$ 0.68 | -\$ 0.0007 | \$ - |
| General Service Less Than 50 kW | \$ 24.51 | \$ 0.0086 | \$ - | \$ 24.51 | \$ 0.0086 | \$ - | -\$ 0.00 | -\$ 0.0000 | \$ - |
| General Service 50 to 4,999 kW | \$ 335.44 | \$ - | \$ 1.4072 | \$ 306.14 | \$ - | \$ 1.2843 | \$ 29.30 | \$ - | \$ 0.1229 |
| Large Use | \$12,831.71 | \$ - | \$ 0.8658 | \$12,831.71 | \$ - | \$ 0.8658 | \$ 0.00 | \$ - | \$ 0.0000 |
| Unmetered Scattered Load | \$ 13.38 | \$ 0.0092 | \$ - | \$ 13.38 | \$ 0.0092 | \$ - | \$ 0.00 | \$ 0.0000 | \$ - |
| Sentinel Lighting | \$ 2.61 | \$ - | \$ 5.9855 | \$ 1.92 | \$ - | \$ 4.3998 | \$ 0.69 | \$ - | \$ 1.5857 |
| Street Lighting | \$ 2.49 | \$ - | \$ 10.6707 | \$ 1.37 | \$ - | \$ 5.8705 | \$ 1.12 | \$ - | \$ 4.8002 |

Enter the above values onto Sheet
 'D1.2 Revenue Cost Ratio Adj'
 of the 2010 OEB IRM3 Rate Generator



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Load Actual - Most Recent Year

Most Recent Year Reported - 2007

| Rate Class | Fixed Metric | Vol Metric | Billed Customers or | | | Base Service Charge | Base Distribution Volumetric Rate kWh | Base Distribution Volumetric Rate kW | Service Charge Revenue | Distribution Volumetric Rate Revenue kWh | Distribution Volumetric Rate Revenue kW | Total Revenue by Rate Class |
|---------------------------------|--------------|------------|---------------------|-------------|-----------|---------------------|---------------------------------------|--------------------------------------|------------------------|--|---|-----------------------------|
| | | | Connections | Billed kWh | Billed kW | | | | | | | |
| | | | A | B | C | D | E | F | G = A * D * 12 | H = B * E | I = C * F | J = G + H + I |
| Residential | Customer | kWh | 19,818 | 166,999,701 | 0 | \$14.87 | \$0.0150 | \$0.0000 | \$3,536,324 | \$2,504,996 | \$0 | \$6,041,319 |
| General Service Less Than 50 kW | Customer | kWh | 1,717 | 55,348,528 | 0 | \$24.51 | \$0.0086 | \$0.0000 | \$505,004 | \$475,997 | \$0 | \$981,001 |
| General Service 50 to 4,999 kW | Customer | kW | 171 | 160,782,066 | 440,796 | \$306.14 | \$0.0000 | \$1.2843 | \$628,199 | \$0 | \$566,114 | \$1,194,314 |
| Large Use | Customer | kW | 1 | 49,804,199 | 169,553 | \$12,831.71 | \$0.0000 | \$0.8658 | \$153,981 | \$0 | \$146,799 | \$300,780 |
| Unmetered Scattered Load | Connection | kWh | 208 | 1,072,774 | 0 | \$13.38 | \$0.0092 | \$0.0000 | \$33,396 | \$9,870 | \$0 | \$43,266 |
| Sentinel Lighting | Connection | kW | 721 | 1,098,311 | 2,592 | \$1.92 | \$0.0000 | \$4.3998 | \$16,612 | \$0 | \$11,404 | \$28,016 |
| Street Lighting | Connection | kW | 6,677 | 4,722,781 | 13,262 | \$1.37 | \$0.0000 | \$5.8705 | \$109,770 | \$0 | \$77,855 | \$187,624 |
| | | | | | | | | | \$4,983,286 | \$2,990,862 | \$802,172 | \$8,776,320 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Capital Structure Transition

Capital Structure Transition

Size of Utility (Rate Base)

| Year | Small [\$0, \$100M) | | | Med-Small [\$100M, \$250M) | | | Med-Large [\$250M, \$1B) | | | Large >=\$1B | | |
|------|------------------------|-------------------|--------|-------------------------------|-------------------|--------|-----------------------------|-------------------|--------|--------------------|-------------------|--------|
| | Short Term Debt | Long Term Debt | Equity | Short Term Debt | Long Term Debt | Equity | Short Term Debt | Long Term Debt | Equity | Short Term Debt | Long Term Debt | Equity |
| 2007 | 4.0% | 46.0% | 50.0% | 4.0% | 51.0% | 45.0% | 4.0% | 56.0% | 40.0% | 4.0% | 61.0% | 35.0% |
| 2008 | 4.0% | 49.3% | 46.7% | 4.0% | 53.5% | 42.5% | 4.0% | 56.0% | 40.0% | 4.0% | 58.5% | 37.5% |
| 2009 | 4.0% | 52.7% | 43.3% | 4.0% | 56.0% | 40.0% | 4.0% | 56.0% | 40.0% | 4.0% | 56.0% | 40.0% |
| 2010 | 4.0% | 56.0% | 40.0% | 4.0% | 56.0% | 40.0% | 4.0% | 56.0% | 40.0% | 4.0% | 56.0% | 40.0% |

| | | |
|-----------------|---|--------------|
| Rate Base | A | \$26,931,529 |
| Size of Utility | B | Small |

Deemed Capital Structure

| | Short Term | Long Term | Equity |
|------|------------|-----------|--------|
| | Debt | Debt | |
| 2008 | 4.0% | 49.3% | 46.7% |
| 2009 | 4.0% | 52.7% | 43.3% |
| 2010 | 4.0% | 56.0% | 40.0% |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

K-Factor Adjustment

| Applicants Rate Base | | Last Rate Re-Basing Amount | |
|--|--------------|----------------------------|-----------------|
| Average Net Fixed Assets | | | |
| Gross Fixed Assets - Re-Basing Opening | \$44,476,751 | A | |
| Add: CWIP Re-Basing Opening | \$ - | B | |
| Re-Basing Capital Additions | \$ 2,278,000 | C | |
| Re-Basing Capital Disposals | \$ - | D | |
| Re-Basing Capital Retirements | \$ - | E | |
| Deduct: CWIP Re-Basing Closing | \$ - | F | |
| Gross Fixed Assets - Re-Basing Closing | \$46,754,751 | G | |
| Average Gross Fixed Assets | | | \$45,615,751 H |
| | | | |
| Accumulated Depreciation - Re-Basing Opening | \$23,913,517 | I | |
| Re-Basing Depreciation Expense | \$ 1,717,160 | J | |
| Re-Basing Disposals | \$ - | K | |
| Re-Basing Retirements | \$ - | L | |
| Accumulated Depreciation - Re-Basing Closing | \$25,630,677 | M | |
| Average Accumulated Depreciation | | | \$24,772,097 N |
| | | | |
| Average Net Fixed Assets | | | \$20,843,654 O |
| | | | |
| Working Capital Allowance | | | |
| Working Capital Allowance Base | \$40,585,836 | P | |
| Working Capital Allowance Rate | 15.0% | Q | |
| Working Capital Allowance | | | \$ 6,087,875 R |
| | | | |
| Rate Base | | | \$26,931,529 S |
| | | | |
| Return on Rate Base | | | |
| Deemed Short Term Debt % | 4.00% | T | \$ 1,077,261 W |
| Deemed Long Term Debt % | 58.00% | U | \$15,081,656 X |
| Deemed Equity % | 40.00% | V | \$10,772,612 Y |
| | | | |
| Short Term Interest | 1.33% | Z | \$ 14,328 AC |
| Long Term Interest | 7.62% | AA | \$ 1,149,222 AD |
| Return on Equity | 8.01% | AB | \$ 862,886 AE |
| Return on Rate Base | | | \$ 2,026,436 AF |
| | | | |
| Distribution Expenses | | | |
| OM&A Expenses | \$ 4,913,837 | AG | |
| Amortization | \$ 1,717,160 | AH | |
| Ontario Capital Tax | \$ 26,846 | AI | |
| Grossed Up PILs | \$ 391,264 | AJ | |
| Low Voltage | \$ - | AK | |
| Transformer Allowance | \$ 277,993 | AL | |
| | \$ - | AM | |
| | \$ - | AN | |
| | \$ - | AO | |
| | | | \$ 7,327,100 AP |
| | | | |
| Revenue Offsets | | | |
| Specific Service Charges | -\$ 235,485 | AQ | |
| Late Payment Charges | -\$ 66,000 | AR | |
| Other Distribution Income | -\$ 192,051 | AS | |
| Other Income and Deductions | -\$ 87,995 | AT | -\$ 581,531 AU |
| | | | |
| Revenue Requirement from Distribution Rates (after Capital Structure Transition) | | | \$ 8,772,005 AV |
| | | | |
| Revenue Requirement from Distribution Rates (Before Capital Structure Transition) | | | \$ 8,775,471 AW |
| | | | |
| K-factor Adjustment | | | -0.04% AX |

Enter the above value onto Sheet
 "D22 K-Factor Adjustment"
 of the 2010 OEB RM3 Rate Generator



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Z-Factor Tax Changes

Summary - Sharing of Tax Change Forecast Amounts

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

| | 2009 | 2010 | 2011 | 2012 |
|---|--------------|--------------|--------------|--------------|
| Taxable Capital | \$26,931,529 | \$26,931,529 | \$26,931,529 | \$26,931,529 |
| Deduction from taxable capital up to \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 | \$15,000,000 |
| Net Taxable Capital | \$11,931,529 | \$11,931,529 | \$11,931,529 | \$11,931,529 |
| Rate | 0.225% | 0.150% | 0.000% | 0.000% |
| Ontario Capital Tax (Deductible, not grossed-up) | \$ 26,846 | \$ 8,924 | \$ - | \$ - |

2. Tax Related Amounts Forecast from Income Tax Rate Changes

| | 2009 | 2010 | 2011 | 2012 |
|---------------------------|------------|------------|------------|------------|
| Regulatory Taxable Income | \$ 904,298 | \$ 904,298 | \$ 904,298 | \$ 904,298 |
| Corporate Tax Rate | 30.2% | 29.2% | 27.7% | 26.2% |
| Tax Impact | \$ 273,101 | \$ 264,058 | \$ 250,494 | \$ 236,929 |
| Grossed-up Tax Amount | \$ 391,264 | \$ 372,965 | \$ 346,466 | \$ 321,044 |

| | | | | |
|--|------------|------------|------------|-------------|
| Tax Related Amounts Forecast from Capital Tax Rate Changes | \$ 26,846 | \$ 8,924 | \$ - | \$ - |
| Tax Related Amounts Forecast from Income Tax Rate Changes | \$ 391,264 | \$ 372,965 | \$ 346,466 | \$ 321,044 |
| Total Tax Related Amounts | \$ 418,110 | \$ 381,889 | \$ 346,466 | \$ 321,044 |
| Incremental Tax Savings | | -\$ 36,221 | -\$ 71,644 | -\$ 97,066 |
| Total Tax Savings (2009 - 2012) | | | | -\$ 204,931 |
| Sharing of Tax Savings (50%) | | -\$ 18,110 | -\$ 35,822 | -\$ 48,533 |
| Total Sharing of Tax Savings (50%) | | | | -\$ 102,466 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Calculate Tax Change Rate Rider Option B Volumetric

| Rate Class | Total Revenue \$ by Rate Class A | Total Revenue % by Rate Class B = A / \$H | Total Z-Factor Tax Change\$ by Rate Class C = \$I * B | Billed kWh D | Billed kW E | Distribution Volumetric Rate kWh Rate Rider F = C / D | Distribution Volumetric Rate kW Rate Rider G = C / E |
|---------------------------------|--|---|--|-----------------|----------------|--|---|
| Residential | \$5,763,484 | 65.67% | -\$11,893 | 166,999,701 | 0 | -\$0.000071 | |
| General Service Less Than 50 kW | \$981,001 | 11.18% | -\$2,024 | 55,348,528 | 0 | -\$0.000037 | |
| General Service 50 to 4,999 kW | \$1,308,634 | 14.91% | -\$2,700 | 160,782,066 | 440,796 | | -\$0.006126 |
| Large Use | \$300,780 | 3.43% | -\$621 | 49,804,199 | 169,553 | | -\$0.003661 |
| Unmetered Scattered Load | \$43,266 | 0.49% | -\$89 | 1,072,774 | 0 | -\$0.000083 | |
| Sentinel Lighting | \$38,113 | 0.43% | -\$79 | 1,098,311 | 2,592 | | -\$0.030343 |
| Street Lighting | \$341,042 | 3.89% | -\$704 | 4,722,781 | 13,262 | | -\$0.053066 |
| | <u>\$8,776,320</u> H | <u>100.00%</u> | <u>-\$18,110</u> I | | | | |

Enter the above value onto Sheet
 "J2.1 Tax Change Rate Rider"
 of the 2010 OEB IRM3 Rate



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: May 1, 2010

Threshold Parameters

Price Cap Index

| | |
|--------------------------|--------|
| Price Escalator (GDP-IP) | 2.30% |
| Less Productivity Factor | -0.72% |
| Less Stretch Factor | -0.40% |

Price Cap Index

1.18%

Enter the above value onto Sheet
"F1.2 Price Cap Adjustment"
of the 2010 OEB IRM3 Rate Generator

Growth

| | | |
|--|--------------------|---|
| Re-Based Revenue Requirement From Rates | <u>\$8,776,320</u> | A |
| Most Recent Year Reported Revenue Requirement From Rates | <u>\$8,776,320</u> | B |

| | | |
|--------|-------|---|
| Growth | 0.00% | C |
|--------|-------|---|



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Threshold Test

| Year | 2009 | |
|---|-----------------------|--|
| Status | Re-Basing | |
| Price Cap Index | 1.18% | A |
| Growth | 0.00% | B |
| Dead Band | 20% | C |
| Average Net Fixed Assets | | |
| Gross Fixed Assets Opening | \$44,476,751 | |
| Add: CWIP Opening | \$ - | |
| Capital Additions | \$ 2,278,000 | |
| Capital Disposals | \$ - | |
| Capital Retirements | \$ - | |
| Deduct: CWIP Closing | \$ - | |
| Gross Fixed Assets - Closing | \$46,754,751 | |
| Average Gross Fixed Assets | <u>\$45,615,751</u> | |
| Accumulated Depreciation - Opening | \$23,913,517 | |
| Depreciation Expense | \$ 1,717,160 | D |
| Disposals | \$ - | |
| Retirements | \$ - | |
| Accumulated Depreciation - Closing | \$25,630,677 | |
| Average Accumulated Depreciation | <u>\$24,772,097</u> | |
| Average Net Fixed Assets | <u>\$20,843,654</u> | E |
| Working Capital Allowance | | |
| Working Capital Allowance Base | \$40,585,836 | |
| Working Capital Allowance Rate | 15% | |
| Working Capital Allowance | <u>\$ 6,087,875</u> | F |
| Rate Base | <u>\$26,931,529</u> | G = E + F |
| Depreciation | D \$ 1,717,160 | H |
| Threshold Test | 138.51% | I = 1 + (G / H) * (B + A * (1 + B)) + C |
| Threshold CAPEX | \$ 2,378,384 | J = H * I |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: May 1, 2010

Summary of Incremental Capital Projects

Number of ICP's
 6

| Project ID # | Incremental Capital Non-Discretionary Project Description | Incremental Capital CAPEX | Amortization Expense | CCA |
|--------------|---|---------------------------|----------------------|----------|
| ICP 1 | | | | |
| ICP 2 | | | | |
| ICP 3 | | | | |
| ICP 4 | | | | |
| ICP 5 | | | | |
| ICP 6 | | | | |
| | | <u>0</u> | <u>0</u> | <u>0</u> |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Incremental Capital Adjustment

| Current Revenue Requirement | | | | |
|---|--------|----|--------------|------------------------|
| Current Revenue Requirement - Total | | | \$ 8,775,471 | A |
| Return on Rate Base | | | | |
| Incremental Capital CAPEX | | | \$ - | B |
| Depreciation Expense | | | \$ - | C |
| Incremental Capital CAPEX to be included in Rate Base | | | \$ - | D = B - C |
| Deemed Short Term Debt % | 4.0% | E | \$ - | G = D * E |
| Deemed Long Term Debt % | 56.0% | F | \$ - | H = D * F |
| Short Term Interest | 1.33% | I | \$ - | K = G * I |
| Long Term Interest | 7.62% | J | \$ - | L = H * J |
| Return on Rate Base - Interest | | | \$ - | M = K + L |
| Deemed Equity % | 40.0% | N | \$ - | P = D * N |
| Return on Rate Base - Equity | | | \$ - | Q = P * O |
| Return on Rate Base - Total | | | \$ - | R = M + Q |
| Amortization Expense | | | | |
| Amortization Expense - Incremental | | | \$ - | S |
| Grossed up PIL's | | | | |
| Regulatory Taxable Income | | | \$ - | T |
| Add Back Amortization Expense | | | \$ - | U |
| Deduct CCA | | | \$ - | V |
| Incremental Taxable Income | | | \$ - | W = T + U - V |
| Current Tax Rate (#1.1 Z-Factor Tax Changes) | 30.2% | X | | Y = W * X |
| PIL's Before Gross Up | | | \$ - | Z = Y / (1 - X) |
| Incremental Grossed Up PIL's | | | \$ - | |
| Ontario Capital Tax | | | | |
| Incremental Capital CAPEX | | | \$ - | AA |
| Less : Available Capital Exemption (if any) | | | \$ - | AB |
| Incremental Capital CAPEX subject to OCT | | | \$ - | AC = AA - AB |
| Ontario Capital Tax Rate (#1.1 Z-Factor Tax Changes) | 0.225% | AD | | AE = AC * AD |
| Incremental Ontario Capital Tax | | | \$ - | |
| Incremental Revenue Requirement | | | | |
| Return on Rate Base - Total | | | \$ - | AF |
| Amortization Expense - Total | | | \$ - | AG |
| Incremental Grossed Up PIL's | | | \$ - | AH |
| Incremental Ontario Capital Tax | | | \$ - | AI |
| Incremental Revenue Requirement | | | \$ - | AJ = AF + AG + AH + AI |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Calculation of Incremental Capital Rate Adder - Option A Fixed and Variable

| Rate Class | Distribution | | | Service Charge Revenue | Distribution | | Total Revenue by Rate Class | Billed Customers or Connections | | | Service Charge Rate Rider | Distribution | |
|---------------------------------|------------------|-------------------------------|------------------------------|------------------------|------------------|-----------------|-----------------------------|---------------------------------|-------------|-----------|---------------------------|--------------|------------|
| | Charge % Revenue | Volumetric Rate % Revenue kWh | Volumetric Rate % Revenue kW | | Rate Revenue kWh | Rate Revenue kW | | Connections | Billed kWh | Billed kW | | Rate kWh | Rate kW |
| | A | B | C | D = \$N * A | E = \$N * B | F = \$N * C | G = D + E + F | H | I | J | K = D / H / 12 | L = E / I | M = F / J |
| Residential | 38.4% | 27.2% | 0.0% | \$ - | \$ - | \$ - | \$ - | 19,818 | 166,999,701 | 0 | \$0.000000 | \$0.000000 | |
| General Service Less Than 50 kW | 5.8% | 5.4% | 0.0% | \$ - | \$ - | \$ - | \$ - | 1,717 | 55,348,528 | 0 | \$0.000000 | \$0.000000 | |
| General Service 50 to 4,999 kW | 7.8% | 0.0% | 7.1% | \$ - | \$ - | \$ - | \$ - | 171 | 160,782,066 | 440,796 | \$0.000000 | \$0.000000 | \$0.000000 |
| Large Use | 1.8% | 0.0% | 1.7% | \$ - | \$ - | \$ - | \$ - | 1 | 49,804,199 | 169,553 | \$0.000000 | \$0.000000 | \$0.000000 |
| Unmetered Scattered Load | 0.4% | 0.1% | 0.0% | \$ - | \$ - | \$ - | \$ - | 208 | 1,072,774 | 0 | \$0.000000 | \$0.000000 | |
| Sentinel Lighting | 0.3% | 0.0% | 0.2% | \$ - | \$ - | \$ - | \$ - | 721 | 1,098,311 | 2,592 | \$0.000000 | \$0.000000 | \$0.000000 |
| Street Lighting | 2.3% | 0.0% | 1.6% | \$ - | \$ - | \$ - | \$ - | 6,677 | 4,722,781 | 13,262 | \$0.000000 | \$0.000000 | \$0.000000 |
| | 56.7% | 32.8% | 10.5% | \$ - | \$ - | \$ - | \$ - | | | | | | |

N

Enter the above value onto Sheet
 "J1.2 Incremental Cap Fund Adder"
 of the 2010 OEB IRM3 Rate Generator.



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: May 1, 2010

Calculation of Incremental Capital Rate Adder - Option B Variable

| Rate Class | Total Revenue \$ by Rate Class A | Total Revenue % by Rate Class B = A / \$H | Total Incremental Capital \$ by Rate Class C = \$I * B | Billed kWh D | Billed kW E | Distribution Volumetric Rate kWh Rate Rider F = C / D | Distribution Volumetric Rate kW Rate Rider G = C / E |
|---------------------------------|--|---|--|-----------------|----------------|---|--|
| Residential | \$5,763,484 | 65.67% | \$0 | 166,999,701 | 0 | \$0.000000 | |
| General Service Less Than 50 kW | \$981,001 | 11.18% | \$0 | 55,348,528 | 0 | \$0.000000 | |
| General Service 50 to 4,999 kW | \$1,308,634 | 14.91% | \$0 | 160,782,066 | 440,796 | | \$0.000000 |
| Large Use | \$300,780 | 3.43% | \$0 | 49,804,199 | 169,553 | | \$0.000000 |
| Unmetered Scattered Load | \$43,266 | 0.49% | \$0 | 1,072,774 | 0 | \$0.000000 | |
| Sentinel Lighting | \$38,113 | 0.43% | \$0 | 1,098,311 | 2,592 | | \$0.000000 |
| Street Lighting | \$341,042 | 3.89% | \$0 | 4,722,781 | 13,262 | | \$0.000000 |
| | <u>\$8,776,320</u> | <u>100.00%</u> | <u>\$0</u> | | | | |

H

I

Enter the above value onto Sheet
 "J1.2 Incremental Cap Fund Adder"
 of the 2010 OEB IRM3 Rate Generator.

APPENDIX - E

DEFERRAL AND VARIANCE SCHEDULES



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date:

LDC Information

| | |
|-----------------------------------|-------------------------------------|
| Applicant Name | Welland Hydro-Electric System Corp. |
| OEB Application Number | EB-2009-0252 |
| LDC Licence Number | ED-2003-0002 |
| Applied for Effective Date | May 1, 2010 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date:

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| Sheet Name | Purpose of Sheet |
|---|---|
| A1.1 LDC Information | Enter LDC Data |
| A2.1 Table of Contents | Table of Contents |
| B1.1 2006 Reg Assets | 2006 Regulatory Asset Recovery |
| B1.2 2006 Reg Ass Prop Shr | 2006 Regulatory Asset Recovery Proportionate Share |
| B1.3 Rate Class And Bill Det | Rate Class and 2008 Billing Determinants |
| C1.0 2006 Reg Asset Recovery | Regulatory Assets - 2006 Regulatory Asset Recovery |
| C1.1 Reg Assets - Cont Sch 2005 | Regulatory Assets - Continuity Schedule 2005 |
| C1.2 Reg Assets - Cont Sch 2006 | Regulatory Assets - Continuity Schedule 2006 |
| C1.3 Reg Assets - Cont Sch 2007 | Regulatory Assets - Continuity Schedule 2007 |
| C1.4 Reg Assets - Cont Sch 2008 | Regulatory Assets - Continuity Schedule 2008 |
| C1.5 Reg Assets - Con Sch Final | Regulatory Assets - Continuity Schedule Final |
| D1.1 Threshold Test | Threshold Test |
| E1.1 Cost Allocation kWh | Cost Allocation - kWh |
| E1.2 Cost Allocation Non-RPPkWh | Cost Allocation - Non-RPP kWh |
| E1.3 Cost Allocation 1590 | Cost Allocation - 1590 |
| E1.4 Cost Allocation 1595 | Cost Allocation - 1595 |
| F1.1 Calculation Rate Rider | Calculation of Regulatory Asset Recovery Rate Rider |
| F1.2 Request for Clearance | Request for Clearance of Deferral and Variance Accounts |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

2006 Regulatory Asset Recovery

| Account Description | Account Number | Principal Amounts as of Dec-31 2004 A | Hydro One charges (if applicable) to Dec31-03 B | Hydro One charges (if applicable) Jan 1 04 to Apr 30-06 C | Transition Cost Adjustment D | Principal Amounts E = A + B + C + D | Interest to Dec31-04 F | Interest per 2006 Reg Assets G = H - F - E | Total Claim and Recoveries per 2006 Reg Assets H | Transfer of Board-approved amounts to 1590 as per 2006 EDR I = -E | Transfer of Board-approved Interest to 1590 as per 2006 EDR J = -(F + G) |
|--|----------------------------|--|--|--|---------------------------------|--|---------------------------|---|---|--|---|
| | | Column G | Column K | Column M | 1, Dec. 31, 2004 Reg. Assets | | | Column N | Column O | | |
| RSVA - Wholesale Market Service Charge | 1580 | 770,612 | | | | 770,612 | 87,254 | 74,462 | 932,356 | (770,612) | (161,746) |
| RSVA - One-time Wholesale Market Service | 1582 | 49,109 | | | | 49,109 | 2,937 | 4,747 | 56,549 | (49,109) | (7,437) |
| RSVA - Retail Transmission Network Charge | 1584 | 386,753 | | | | 386,753 | 39,748 | 37,386 | 463,887 | (386,753) | (77,134) |
| RSVA - Retail Transmission Connection Charge | 1586 | 148,599 | | | | 148,599 | 24,440 | 14,384 | 167,403 | (148,599) | (18,804) |
| RSVA - Power | 1586 | 80,703 | | | | 80,703 | 7,864 | 7,802 | 165,686 | (80,703) | (84,883) |
| Sub-Totals | | 1,435,778 | 0 | 0 | | 1,435,778 | 231,213 | 136,791 | 1,805,780 | (1,435,778) | (370,004) |
| Other Regulatory Assets | 1508 | 11,663 | | | | 11,663 | 37 | 694 | 12,594 | (11,663) | (931) |
| Retail Cost Variance Account - Retail | 1518 | | | | | 0 | | 0 | 0 | 0 | 0 |
| Retail Cost Variance Account - STR | 1548 | | | | | 0 | | 0 | 0 | 0 | 0 |
| Misc. Deferred Debts - incl. Rebate Cheques | 1625 | 17,642 | | | | 17,642 | 2,387 | 1,725 | 21,834 | (17,642) | (4,092) |
| Pre-Market Opening Energy Variances Total | 1571 | 969,760 | | | | 969,760 | 69,387 | 93,743 | 1,132,890 | (969,760) | (163,130) |
| Extra-Ordinary Event Losses | 1572 | | | | | 0 | | 0 | 0 | 0 | 0 |
| Deferred Rate Impact Amounts | 1574 | | | | | 0 | | 0 | 0 | 0 | 0 |
| Other Deferred Credits | 2425 | | | | | 0 | | 0 | 0 | 0 | 0 |
| Sub-Totals | | 999,265 | 0 | 0 | | 999,265 | 71,791 | 99,362 | 1,167,418 | (999,265) | (168,153) |
| Qualifying Transition Costs | 1570 | 439,917 | | | | 439,917 | 74,419 | 0 | 514,336 | (439,917) | (74,419) |
| Transition Cost Adjustment | 1570 | | | | (61,433) | (61,433) | | | (61,433) | 61,433 | 0 |
| Sub-Totals | | 439,917 | 0 | 0 | (61,433) | 388,484 | 74,419 | 0 | 462,903 | (388,484) | (74,419) |
| Total Regulatory Assets | | 2,874,955 | 0 | 0 | (61,433) | 2,823,525 | 377,423 | 235,153 | 3,436,101 | (2,823,525) | (612,576) |
| Total Recoveries to April 30-06 | 2. Rate Riders Calculation | Cell C48 | | | | | | | 1,756,129 | (1,756,129) | 0 |
| Balance to be collected or refunded | 2. Rate Riders Calculation | Cell H51 | | | | | | | 1,679,972 | (1,067,396) | (612,576) |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

2006 Regulatory Asset Recovery Proportionate Share

| Rate Class | Total Claim | % Total Claim |
|----------------------|------------------|---------------|
| Residential | 1,524,049 | 44.4% |
| GS < 50 KW | 425,635 | 12.4% |
| GS > 50 Non TOU | 1,005,435 | 29.3% |
| GS > 50 TOU | | 0.0% |
| Intermediate | | 0.0% |
| Large Users | 454,617 | 13.2% |
| Small Scattered Load | | 0.0% |
| Sentinel Lighting | 9,072 | 0.3% |
| Street Lighting | 17,295 | 0.5% |
| Total | 3,436,103 | 100.0% |

2. Rate Riders Calculation
 Row 29



Name of LDC: **Weiland Hydro-Electric System Corp.**
 File Number: **EB-2009-0252**
 Effective Date:

Rate Class and 2008 Billing Determinants

| Rate Group | Rate Class | Fixed Metric | Vol Metric | 2008 | | | Billed kWh for Non-RPP customers D | 1590 Recovery Share Proportion E |
|------------|---------------------------------|--------------|------------|------------------------------------|-------------|-----------|---------------------------------------|-------------------------------------|
| | | | | Billed Customers or Connections | Billed kWh | Billed kW | | |
| | | | | A | B | C | | |
| RES | Residential | Customer | kWh | 19,818 | 166,999,701 | | 25,884,954 | 44.4% |
| GSLT50 | General Service Less Than 50 kW | Customer | kWh | 1,717 | 55,348,528 | | 7,970,188 | 12.4% |
| GSGT50 | General Service 50 to 4,999 kW | Customer | kW | 171 | 160,782,066 | 440,796 | 138,594,141 | 29.3% |
| LU | Large Use | Customer | kW | 1 | 49,804,199 | 169,553 | 49,804,199 | 13.2% |
| USL | Unmetered Scattered Load | Connection | kWh | 208 | 1,072,774 | | 5,364 | 0.0% |
| Sen | Sentinel Lighting | Connection | kW | 721 | 1,098,311 | 2,592 | 278,971 | 0.3% |
| SL | Street Lighting | Connection | kW | 6,677 | 4,722,781 | 13,262 | 4,722,781 | 0.5% |
| NA | Rate Class 8 | NA | NA | | | | | |
| NA | Rate Class 9 | NA | NA | | | | | |
| NA | Rate Class 10 | NA | NA | | | | | |
| NA | Rate Class 11 | NA | NA | | | | | |
| NA | Rate Class 12 | NA | NA | | | | | |
| NA | Rate Class 13 | NA | NA | | | | | |
| NA | Rate Class 14 | NA | NA | | | | | |
| NA | Rate Class 15 | NA | NA | | | | | |
| NA | Rate Class 16 | NA | NA | | | | | |
| NA | Rate Class 17 | NA | NA | | | | | |
| NA | Rate Class 18 | NA | NA | | | | | |
| NA | Rate Class 19 | NA | NA | | | | | |
| NA | Rate Class 20 | NA | NA | | | | | |
| NA | Rate Class 21 | NA | NA | | | | | |
| NA | Rate Class 22 | NA | NA | | | | | |
| NA | Rate Class 23 | NA | NA | | | | | |
| NA | Rate Class 24 | NA | NA | | | | | |
| NA | Rate Class 25 | NA | NA | | | | | |
| | | | | | | | 100.0% | |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

Regulatory Assets - Continuity Schedule 2006

| Account Description | Account Number | Opening Principal Amounts as of Jan-1 05 1 | Low Voltage and Recoveries per 2006 Reg Asset | Transition Cost Adjustment | Transfer of Board-approved amounts to 1590 as per 2006 EDR | Closing Principal Balance as of May-1-06 | Opening Interest Amounts as of Jan-1 05 4 | Interest per 2006 Reg Asset | Recoveries per 2006 Reg Asset | Transfer of Board-approved amounts to 1590 as per 2006 EDR | Closing Interest Amounts as of May-1-06 |
|---|----------------|--|---|----------------------------|--|--|---|-----------------------------|-------------------------------|--|---|
| LV Variance Account | 1550 | | | | | | | | | | 0 |
| RSVA - Wholesale Market Service Charge | 1560 | 770,612 | 0 | | (770,612) | 0 | 87,254 | 74,492 | | (161,746) | 0 |
| RSVA - Retail Transmission Network Charge | 1584 | 388,753 | 0 | | (388,753) | 0 | 39,746 | 37,386 | | (77,134) | 0 |
| RSVA - Retail Transmission Connection Charge | 1585 | 148,599 | 0 | | (148,599) | 0 | 24,440 | 14,364 | | (38,804) | 0 |
| RSVA - Power (Excluding Global Adjustment) | 1588 | 80,703 | | | (80,703) | 0 | 77,061 | 7,802 | | (84,883) | 0 |
| RSVA - Power (Global Adjustment Sub-account) | | | | | | 0 | | | | | 0 |
| Recovery of Regulatory Asset Balances | 1590 | | (1,758,129) | | 2,823,525 | 1,067,396 | | | 0 | 612,576 | 612,576 |
| Disposition and recovery of Regulatory Balances Account | 1595 | | | | | (1,067,396) | | | | | |
| Sub-Total | | 1,386,667 | (1,758,129) | | 1,436,858 | 1,067,396 | 228,523 | 134,044 | 0 | 250,009 | 612,576 |
| RSVA - One-time Wholesale Market Service | 1582 | 49,109 | 0 | | (49,109) | 0 | 2,690 | 4,747 | | (7,437) | 0 |
| Other Regulatory Assets | 1508 | 11,653 | 0 | | (11,653) | 0 | 37 | 894 | | (931) | 0 |
| Retail Cost Variance Account - Retail | 1518 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 |
| Retail Cost Variance Account - STR | 1548 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 |
| Misc. Deferred Debits - incl. Rebate Cheques | 1525 | 17,842 | 0 | | (17,842) | 0 | 2,387 | 1,725 | | (4,092) | 0 |
| Pre-Market Opening Energy Variances Total | 1571 | 969,760 | 0 | | (969,760) | 0 | 69,387 | 93,743 | | (163,130) | 0 |
| Extra-Ordinary Event Losses | 1572 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 |
| Deferred Rate Impact Amounts | 1574 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 |
| Other Deferred Credits | 2425 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 |
| Qualifying Transition Costs | 1570 | 439,917 | 0 | | (439,917) | 0 | 74,419 | 0 | | (74,419) | 0 |
| Transition Cost Adjustment | 1570 | | | (51,433) | 51,433 | 0 | | | | | 0 |
| Total | | 2,874,958 | (1,758,129) | (51,433) | 0 | 1,067,396 | 377,423 | 235,153 | 0 | 0 | 612,576 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

Regulatory Assets - Continuity Schedule 2005

| Account Description | Account Number | Opening Principal Amounts as of Jan-1 05 ¹ | Transactions (additions) during 2005, excluding Interest and adjustments ¹ | Transactions (reductions) during 2005, excluding Interest and adjustments ¹ | Adjustments during 2005 - Instructed by Board ² | Adjustments during 2005 - other ² | Closing Principal Balance as of Dec-31-05 | Opening Interest Amounts as of Jan-1 05 ⁴ | Interest Recovery Transactions during 2005 | Interest Jan-1 to Dec31-05 | Closing Interest Amounts as of Dec-31-05 |
|---|----------------|---|---|--|--|--|---|--|--|----------------------------|--|
| LV Variance Account | 1550 | 0 | | | | | 0 | | | | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | | 333,550 | | | | 333,550 | | | 2,303 | 2,303 |
| RSVA - Retail Transmission Network Charge | 1584 | | 133,634 | | | | 133,634 | | | 1,083 | 1,083 |
| RSVA - Retail Transmission Connection Charge | 1586 | | 48,725 | | | | 48,725 | | | 486 | 486 |
| RSVA - Power (Excluding Global Adjustment) | 1588 | | 468,084 | | | | 468,084 | | | 2,179 | 2,179 |
| RSVA - Power (Global Adjustment Sub-account) | | | | (949,121) | | | (949,121) | | | (2,973) | (2,973) |
| Recovery of Regulatory Asset Balances | 1590 | | | | | | 0 | | | | 0 |
| Disposition and recovery of Regulatory Balances Account | 1595 | | | | | | 0 | | | | 0 |
| Total | | 0 | 983,993 | (949,121) | 0 | 0 | 34,872 | 0 | 0 | 3,058 | 3,058 |

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.
² Provide supporting statement indicating whether due to denial of costs in 2006 EDR by the Board
³ Provide supporting statement indicating nature of this adjustments and periods they relate to
⁴ Opening balances assumed to be zero as a result of clearance of December 2004 balances cleared in 2006 Regulatory Asset process



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0262
 Effective Date:

Regulatory Assets - Continuity Schedule 2006

| Account Description | Account Number | Opening Principal Amounts as of Jan-1 06 | Transactions (additions) during 2006, excluding Interest and adjustments ¹ | Transactions (reductions) during 2006, excluding Interest and adjustments ¹ | Adjustments during 2006 - Instructed by Board ² | Adjustments during 2006 - other ³ | Transfer of Board-approved amounts to 1690 as per 2006 EDR | Closing Principal Balance as of Dec-31-06 | Opening Interest Amounts as of Jan-1 06 | Interest Recovery Transactions during 2006 | Interest Jan-1 to Dec31-06 | Transfer of Board-approved amounts to 1690 as per 2006 EDR | Closing Interest Amounts as of Dec-31-06 |
|---|----------------|--|---|--|--|--|--|---|---|--|----------------------------|--|--|
| LV Variance Account | 1550 | 0 | | | | | | 0 | 0 | | | | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | 333,550 | | (620,123) | | | | (286,573) | 2,303 | | 6,809 | | 9,112 |
| RSVA - Retail Transmission Network Charge | 1584 | 132,834 | 177,171 | | | | | 310,005 | 1,063 | | 12,580 | | 13,643 |
| RSVA - Retail Transmission Connection Charge | 1586 | 48,725 | 43,555 | | | | | 92,280 | 488 | | 4,192 | | 4,675 |
| RSVA - Power (Excluding Global Adjustment) | 1655 | 488,084 | | (1,648,402) | | | | (1,161,318) | 2,178 | | 7,341 | | 6,520 |
| RSVA - Power (Global Adjustment Sub-account) | | (949,121) | 617,417 | | | | | (331,704) | (2,973) | | (28,158) | | (31,128) |
| Recovery of Regulatory Asset Balances | 1590 | 0 | (440,872) | | | | 1,067,396 | 626,524 | 0 | | | 27,184 | 639,760 |
| Disposition and recovery of Regulatory Balances Account | 1595 | 0 | | | | | | | | | | | |
| Total | | 34,672 | 397,271 | (2,269,525) | 0 | 0 | 1,067,396 | (769,888) | 3,058 | 0 | 29,650 | 612,578 | 645,584 |

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.
² Provide supporting evidence i.e. Board Decision, CRO Order, etc.
³ Provide supporting statement indicating nature of this adjustments and periods they relate to



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

Regulatory Assets - Continuity Schedule 2007

| Account Description | Account Number | Opening Principal Amounts as of Jan-1 07 | Transactions (additions) during 2007, excluding interest and adjustments 1 | Transactions (reductions) during 2007, excluding interest and adjustments 1 | Adjustments during 2007 - instructed by Board 2 | Adjustments during 2007 - other 3 | Closing Principal Balance as of Dec-31-07 | Opening Interest Amounts as of Jan-1 07 | Interest Recovery Transactions during 2007 | Interest Jan-1 to Dec31-07 | Closing Interest Amounts as of Dec-31-07 |
|---|----------------|--|--|---|---|-----------------------------------|---|---|--|----------------------------|--|
| LV Variance Account | 1550 | 0 | | | | | 0 | 0 | | | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | (286,573) | | (581,618) | | | (868,191) | 9,112 | | (26,445) | (16,333) |
| RSVA - Retail Transmission Network Charge | 1584 | 310,805 | 81,797 | | | | 392,602 | 13,643 | | 17,957 | 31,600 |
| RSVA - Retail Transmission Connection Charge | 1586 | 92,280 | 82,699 | | | | 174,979 | 4,678 | | 5,870 | 10,548 |
| RSVA - Power (Excluding Global Adjustment) | 1588 | (1,181,318) | 278,168 | | | | (903,150) | 9,520 | | (28,792) | (19,272) |
| RSVA - Power (Global Adjustment Sub-account) | | (331,704) | 313,078 | | | | (18,626) | (31,129) | | (6,331) | (40,460) |
| Recovery of Regulatory Asset Balances | 1590 | 626,524 | | (626,524) | | | 0 | 639,760 | (231,463) | 11,653 | 419,950 |
| Disposition and recovery of Regulatory Balances Account | 1595 | | | | | | 0 | | | | |
| Total | | (769,988) | 755,742 | (1,208,142) | 0 | 0 | (1,222,386) | 645,584 | (231,463) | (28,688) | 386,033 |

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

² Provide supporting evidence i.e. Board Decision, CRO Order, etc.

³ Provide supporting statement indicating nature of this adjustments and periods they relate to



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0262
 Effective Date:

Regulatory Assets - Continuity Schedule 2008

| Account Description | Account Number | Opening Principal Amounts as of Jan-1-08 | Transactions (additions) during 2008, excluding interest and adjustments ¹ | Transactions (reductions) during 2008, excluding interest and adjustments ¹ | Adjustments during 2008 - Instructed by Board ² | Adjustments during 2008 - other ³ | Transfer of Board-approved 2006 amounts to 1595 (2008 COS) ⁴ | Closing Principal Balance as of Dec-31-08 | Opening Interest Amounts as of Jan-1-08 | Interest Recovery Transactions during 2008 | Interest Jan-1 to Dec-31-08 | Transfer of Board-approved 2006 interest amounts to 1595 (2008 COS) | Closing Interest Amounts as of Dec-31-08 |
|---|----------------|--|---|--|--|--|---|---|---|--|-----------------------------|---|--|
| LV Variance Account | 1550 | 0 | | | | | | 0 | 0 | | | | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | (868,191) | | (278,682) | | | | (1,143,843) | (15,333) | | (40,105) | | (56,436) |
| RSVA - Retail Transmission Network Charge | 1584 | 382,602 | | (232,187) | | | | 160,405 | 31,600 | | 9,424 | | 41,024 |
| RSVA - Retail Transmission Connection Charge | 1586 | 174,879 | | (130,678) | | | | 44,301 | 10,548 | | 4,381 | | 14,829 |
| RSVA - Power (Excluding Global Adjustment) | 1588 | (903,150) | | (274,674) | | | | (1,177,824) | (19,272) | | (28,573) | | (47,845) |
| RSVA - Power (Global Adjustment Sub-account) | | (16,626) | 374,811 | | | | | 356,185 | (40,460) | | 6,559 | | (33,901) |
| Recovery of Regulatory Asset Balances | 1590 | 0 | | | | | | 0 | 419,950 | | (381,815) | | 28,135 |
| Disposition and recovery of Regulatory Balances Account | 1595 | 0 | | | | | | 0 | | | | | 0 |
| Total | | (1,222,386) | 374,811 | (913,201) | 0 | 0 | 0 | (1,760,776) | 386,033 | (381,815) | (48,314) | 0 | (54,095) |

¹ For RSVA accounts only, report the net additions to the account during the year. For all other accounts, record the additions and reductions separately.

² Provide supporting evidence i.e. Board Decision, CRO Order, etc.

³ Provide supporting statement indicating nature of this adjustments and periods they relate to

⁴ This records the values of amounts removed from Group One accounts in previous proceedings; but does not enter offsets for disposition of 1590, as recovery has not been completed.



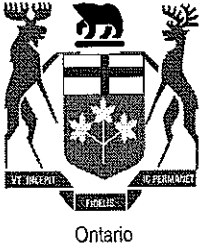
Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

Regulatory Assets - Continuity Schedule Final

| Account Description | Account Number | Opening Principal Amounts as of Jan-1-09 | Transfer of Board-approved 2007 amounts to 1595 (2009 COS) | Principal Amounts After Transfer to 1595 | Opening Interest Amounts as of Jan-1-09 | Interest on Board-approved 2007 amounts Prior to transfer Jan-1, 2009 to Date of Transfer | Transfer of Board-approved 2007 interest amounts to 1595 (2009 COS) | Projected Interest on Dec 31 -08 balance from Jan 1, 2009 to Dec 31, 2009 | Projected Interest on Dec 31 -08 balance from Jan 1, 2010 to April 30, 2010 ¹ | Total Claim |
|---|----------------|--|--|--|---|---|---|---|--|---------------------------|
| | | A | B | C = A + B | D | E | F | G | H | I = C + D + E + F + G + H |
| LV Variance Account | 1550 | 0 | | 0 | 0 | | | 0 | 0 | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | (1,143,843) | 868,191 | (275,652) | (56,438) | (7,090) | 57,977 | (3,117) | (498) | (284,818) |
| RSVA - Retail Transmission Network Charge | 1584 | 160,405 | (392,602) | (232,197) | 41,024 | 3,206 | (50,431) | (2,625) | (420) | (241,443) |
| RSVA - Retail Transmission Connection Charge | 1586 | 44,301 | (174,979) | (130,678) | 14,929 | 1,429 | (18,942) | (1,478) | (235) | (134,976) |
| RSVA - Power (Excluding Global Adjustment) | 1588 | (1,177,824) | 903,150 | (274,674) | (47,845) | (7,376) | 62,593 | (3,106) | (497) | (270,904) |
| RSVA - Power (Global Adjustment Sub-account) | | 356,185 | | 356,185 | (33,901) | | | 4,027 | 644 | 326,955 |
| Recovery of Regulatory Asset Balances | 1590 | 0 | | 0 | 28,135 | | | 0 | 0 | 28,135 |
| Disposition and recovery of Regulatory Balances Account | 1595 | | | 0 | 0 | | | 0 | 0 | 0 |
| Total | | (1,760,778) | 1,203,760 | (557,016) | (54,096) | (9,831) | 51,197 | (6,298) | (1,007) | (577,051) |

¹ Interest projected on December 31, 2008 closing principal balance.

| Month | Prescribed Rate | Monthly Interest | Month | Prescribed Rate | Monthly Interest |
|--------------------|-----------------|------------------|-------------------|-----------------|------------------|
| January 31, 2009 | 2.45 | 0.2081 | January 31, 2010 | 0.55 | 0.0467 |
| February 28, 2009 | 2.45 | 0.1879 | February 28, 2010 | 0.55 | 0.0422 |
| March 31, 2009 | 2.45 | 0.2081 | March 31, 2010 | 0.55 | 0.0467 |
| April 30, 2009 | 1.00 | 0.0822 | April 30, 2010 | 0.55 | 0.0452 |
| May 31, 2009 | 1.00 | 0.0849 | Effective Rate | | 0.1609 |
| June 30, 2009 | 1.00 | 0.0822 | | | |
| July 31, 2009 | 0.55 | 0.0467 | | | |
| August 31, 2009 | 0.55 | 0.0467 | | | |
| September 30, 2009 | 0.55 | 0.0452 | | | |
| October 31, 2009 | 0.55 | 0.0467 | | | |
| November 30, 2009 | 0.55 | 0.0462 | | | |
| December 31, 2009 | 0.55 | 0.0467 | | | |
| Effective Rate | | 1.1307 | | | |



Name of LDC: Welland Hydro-Electric System
File Number: EB-2009-0252
Effective Date:

Threshold Test

| Rate Class | Billed kWh B |
|---------------------------------|-----------------|
| Residential | 166,999,701 |
| General Service Less Than 50 kW | 55,348,528 |
| General Service 50 to 4,999 kW | 160,782,066 |
| Large Use | 49,804,199 |
| Unmetered Scattered Load | 1,072,774 |
| Sentinel Lighting | 1,098,311 |
| Street Lighting | 4,722,781 |
| | <hr/> |
| | 439,828,360 |
| Total Claim | (577,051) |
| Total Claim per kWh | - 0.001312 |

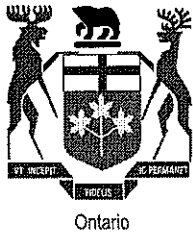


Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

Cost Allocation - kWh

| Rate Class | Billed kWh | % kWh | | | | | | Total |
|---------------------------------|--------------------|---------------|----------|------------------|------------------|------------------|-------------------|------------------|
| | | | 1550 | 1580 | 1584 | 1586 | 1588 ¹ | |
| Residential | 166,999,701 | 38.0% | 0 | (108,143) | (91,674) | (51,249) | (102,860) | (353,928) |
| General Service Less Than 50 kW | 55,348,528 | 12.6% | 0 | (35,842) | (30,384) | (16,986) | (34,091) | (117,302) |
| General Service 50 to 4,999 kW | 160,782,066 | 36.6% | 0 | (104,117) | (88,261) | (49,341) | (99,031) | (340,750) |
| Large Use | 49,804,199 | 11.3% | 0 | (32,252) | (27,340) | (15,284) | (30,676) | (105,552) |
| Unmetered Scattered Load | 1,072,774 | 0.2% | 0 | (695) | (589) | (329) | (661) | (2,274) |
| Sentinel Lighting | 1,098,311 | 0.2% | 0 | (711) | (603) | (337) | (676) | (2,328) |
| Street Lighting | 4,722,781 | 1.1% | 0 | (3,058) | (2,593) | (1,449) | (2,909) | (10,009) |
| | <u>439,828,360</u> | <u>100.0%</u> | <u>0</u> | <u>(284,818)</u> | <u>(241,443)</u> | <u>(134,976)</u> | <u>(270,904)</u> | <u>(932,142)</u> |

¹ RSVA - Power (Excluding Global Adjustment)



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date:

Cost Allocation - Non-RPP kWh

| Rate Class | Non-RPP kWh | % kWh | 1588 ¹ |
|---------------------------------|--------------------|---------------|-------------------|
| Residential | 25,884,954 | 11.4% | 37,240 |
| General Service Less Than 50 kW | 7,970,188 | 3.5% | 11,467 |
| General Service 50 to 4,999 kW | 138,594,141 | 61.0% | 199,393 |
| Large Use | 49,804,199 | 21.9% | 71,652 |
| Unmetered Scattered Load | 5,364 | 0.0% | 8 |
| Sentinel Lighting | 278,971 | 0.1% | 401 |
| Street Lighting | 4,722,781 | 2.1% | 6,795 |
| | <u>227,260,598</u> | <u>100.0%</u> | <u>326,955</u> |

¹ RSVA - Power (Global Adjustment Sub-account)



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date:

Cost Allocation - 1590

| Rate Class | 1590 Recovery Share Proportion | 1590 |
|---------------------------------|--------------------------------|---------------|
| Residential | 44.4% | 12,478 |
| General Service Less Than 50 kW | 12.4% | 3,486 |
| General Service 50 to 4,999 kW | 29.3% | 8,232 |
| Large Use | 13.2% | 3,722 |
| Unmetered Scattered Load | 0.0% | 0 |
| Sentinel Lighting | 0.3% | 73 |
| Street Lighting | 0.5% | 143 |
| | <u>100.0%</u> | <u>28,135</u> |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date:

Cost Allocation - 1595

| Rate Class | 1595 Recovery Share Proportion | 1595 |
|---------------------------------|--------------------------------|----------|
| Residential | 0.0% | 0 |
| General Service Less Than 50 kW | 0.0% | 0 |
| General Service 50 to 4,999 kW | 0.0% | 0 |
| Large Use | 0.0% | 0 |
| Unmetered Scattered Load | 0.0% | 0 |
| Sentinel Lighting | 0.0% | 0 |
| Street Lighting | 0.0% | 0 |
| | 0.0% | 0 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date:

Calculation of Regulatory Asset Recovery Rate Rider

Rate Rider Recovery Period - Years Two

Rate Rider Effective To Date

April 30, 2012

| Rate Class | Vol Metric | Billed kWh | Billed kW | kWh | Non-RPP | 1590 | 1595 | Total | Rate Rider kWh |
|---------------------------------|------------|--------------------|----------------|------------------|----------------|---------------|----------|-------------------|-----------------------------------|
| | | A | B | C | D | E | F | G = C + D + E + F | H = G / A (kWh) or H = G / B (kW) |
| Residential | kWh | 166,999,701 | 0 | (353,928) | 37,240 | 12,478 | 0 | (304,210) | (0.00091) |
| General Service Less Than 50 kW | kWh | 55,348,528 | 0 | (117,302) | 11,467 | 3,486 | 0 | (102,349) | (0.00092) |
| General Service 50 to 4,999 kW | kWh | 160,782,066 | 440,796 | (340,750) | 199,393 | 8,232 | 0 | (133,125) | (0.15101) |
| Large Use | kWh | 49,804,199 | 169,553 | (105,552) | 71,652 | 3,722 | 0 | (30,177) | (0.08899) |
| Unmetered Scattered Load | kWh | 1,072,774 | 0 | (2,274) | 8 | 0 | 0 | (2,266) | (0.00106) |
| Sentinel Lighting | kWh | 1,098,311 | 2,592 | (2,328) | 401 | 73 | 0 | (1,853) | (0.35748) |
| Street Lighting | kWh | 4,722,781 | 13,262 | (10,009) | 6,795 | 143 | 0 | (3,071) | (0.11578) |
| | | <u>439,828,360</u> | <u>626,203</u> | <u>(932,142)</u> | <u>326,955</u> | <u>28,135</u> | <u>0</u> | <u>(577,051)</u> | |

Enter the above value onto Sheet
 "J2.1 Deferral Account Rate Rider"
 of the 2010 OEB IRM2 Rate Generator
 "J2.5 Deferral Account Rate Rider2"
 of the 2010 OEB IRM3 Rate Generator



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date:

Request for Clearance of Deferral and Variance Accounts

| Account Description | Account Number | Principal Amounts | Interest Amounts | Total Claim |
|---|----------------|-------------------|------------------|-------------|
| | | A | B | C = A + B |
| LV Variance Account | 1550 | 0 | 0 | 0 |
| RSVA - Wholesale Market Service Charge | 1580 | 275,652 | 9,166 | 284,818 |
| RSVA - Retail Transmission Network Charge | 1584 | 232,197 | 9,246 | 241,443 |
| RSVA - Retail Transmission Connection Charge | 1586 | 130,678 | 4,298 | 134,976 |
| RSVA - Power (Excluding Global Adjustment) | 1588 | 274,674 | (3,770) | 270,904 |
| RSVA - Power (Global Adjustment Sub-account) | 1588 | (356,185) | 29,230 | (326,955) |
| Recovery of Regulatory Asset Balances | 1590 | 0 | (28,135) | (28,135) |
| Disposition and recovery of Regulatory Balances Account | 1595 | (557,016) | (20,035) | (577,051) |
| Total | | 0 | 0 | 0 |

APPENDIX - F

SMART METER FUNDING SCHEDULES

Welland Hydro Electric System Corp.
 Exhibit F
 2010 Smart Meter Funding Adder Application

Smart Meter Capital & Expenses By Rate Year

| | Actual Year 2006 | Actual Year 2007 | Actual Year 2008 | Actual YTD September 2009 | Forecast October 2009 to April 2010 | Forecasted Total To Date April 2010 |
|---|------------------------|------------------------|------------------------|---------------------------------|---|---|
| Capital | | | | | | |
| Distribution Meters | \$0.00 | \$0.00 | \$145,870.82 | \$1,970,581.63 | \$778,023.84 | \$2,894,476.29 |
| Meter Base Repairs-Labour | 0.00 | 0.00 | 0.00 | 2,381.77 | 0.00 | 2,381.77 |
| Communication Equipment | 0.00 | 0.00 | 54,502.20 | 143,566.83 | 47,377.05 | 245,446.08 |
| Fencing | 0.00 | 0.00 | 0.00 | 2,130.00 | 0.00 | 2,130.00 |
| Computer Hardware | 0.00 | 0.00 | 3,981.68 | 2,147.03 | 0.00 | 6,128.71 |
| Computer Software | 0.00 | 0.00 | 4,560.00 | 0.00 | 0.00 | 4,560.00 |
| Total Capital Investments | \$0.00 | \$0.00 | \$208,914.70 | \$2,120,807.26 | \$825,400.89 | \$3,155,122.85 |
| Incremental Operating Expenses | | | | | | |
| Consulting Expenses-Util-Assist | \$7,165.26 | \$10,374.56 | \$12,829.68 | \$14,104.88 | \$15,819.09 | \$60,293.47 |
| Meter Base Repairs-Materials | 0.00 | 0.00 | 2,860.92 | -1,489.97 | 1,489.97 | 2,860.92 |
| Smart Meter Brochures | 0.00 | 0.00 | 25,886.40 | 2,314.81 | 0.00 | 28,201.21 |
| Software Licensing & Training | 0.00 | 0.00 | 9,276.89 | 1,212.56 | 0.00 | 10,489.45 |
| Incremental Labour Overtime & Contract | 0.00 | 0.00 | 1,865.67 | 13,466.57 | 0.00 | 15,332.24 |
| Total Incremental Operating Expenses | \$7,165.26 | \$10,374.56 | \$52,719.56 | \$29,608.85 | \$17,309.06 | \$117,177.29 |

Revenue Requirement:

| | | | | | | |
|-------------------------------------|--|------------|---------------------|-------|----|--------|
| 2006 Rate Year Entitlement Actual | | \$7,200.02 | | | | |
| 2007 Rate Year Entitlement Actual | | | 11,195.93 | | | |
| 2008 Rate Year Entitlement Actual | | | 72,098.35 | | | |
| 2009 Rate Year Entitlement Forecast | | | 305,566.75 | | | |
| 2010 Rate Year Entitlement Forecast | | | 471,946.93 | 21707 | 12 | \$1.81 |
| Total Revenue Requirement | | | \$868,007.98 | | | |

Smart Meter Funding Adder Billed

| | | | | | | |
|---|--|--------------|----------------------|--|--|--|
| 2006 Rate Year Billed May/06-Apr/07 Actual | | -\$63,517.37 | | | | |
| 2006 Rate Year Interest Actual | | | -1,221.31 | | | |
| 2007 Rate Year Billed May/07-Apr/08 Actual | | | -71,026.84 | | | |
| 2007 Rate Year Interest Actual | | | -4,650.78 | | | |
| 2008 Rate Year Billed May/08-Apr/09 Actual | | | -69,639.10 | | | |
| 2008 Rate Year Interest Actual | | | -4,928.21 | | | |
| 2009 Rate Year Billed May/09-Apr/10 Forecast | | | -70,437.86 | | | |
| 2009 Rate Year Interest Forecast | | | -1,455.87 | | | |
| Total Smart Meter Funding Adder Billed | | | -\$286,877.34 | | | |
| Smart Meter Funding Adder Required May/10-Apr/11 | | | \$581,130.64 | | | |
| Number of Customers | | | 21707 | | | |
| Number of Months | | | 12 | | | |
| Smart Meter Funding Adder Required May/10-Apr/11 | | | \$2.23 | | | |

**Welland Hydro Electric System Corp.
Exhibit F
Smart Meter Status**

Meter Hardware Costs

| Customer Class | # of Meters Purchased @ Sep/09 | Total Cost Meters & Parts | Average Cost Per Meter | Meters to be Purchased Oct/09 to Apr/10 | Forecasted Cost Per Meter | 2009 Forecasted Capital Oct/09 to Apr/10 | Forecasted Total Meters to Be Purchased | Forecasted Total Cost Meters & Parts | Forecasted Average Cost Per Meter |
|----------------|--------------------------------|---------------------------|------------------------|---|---------------------------|--|---|--------------------------------------|-----------------------------------|
| Residential | 19,860 | \$1,844,533 | \$92.88 | 490 | \$477.43 | \$233,939 | 20,350 | \$2,078,472 | \$102.14 |
| GS<50 kW | <u>1,005</u> | <u>132,428</u> | 131.77 | <u>845</u> | 595.27 | <u>503,000</u> | <u>1,850</u> | <u>635,428</u> | 343.47 |
| Total | 20,865 | \$1,976,961 | \$94.75 | 1,335 | \$552.01 | \$736,939 | 22,200 | \$2,713,900 | \$122.25 |

Meter Installation Costs

| Customer Class | # of Meters Installed @ Sep/09 | Total Installation Cost | Average Cost Per Installation | Meters to be Installed Oct/09 to Apr/10 | Forecasted Installation Cost Per Meter | 2009 Forecasted Installation Oct/09 to Apr/10 | Forecasted Total Meters to Be Installed | Forecasted Total Installation Costs | Forecasted Installation Cost Per Meter |
|----------------------------|--------------------------------|-------------------------|-------------------------------|---|--|---|---|-------------------------------------|--|
| Residential | 15,309 | \$139,492 | \$9.11 | 4,509 | \$9.11 | \$41,085 | 19,818 | \$180,576 | \$9.11 |
| GS<50 kW | <u>0</u> | <u>0</u> | | <u>1,717</u> | | <u>0</u> | <u>1,717</u> | <u>0</u> | 0.00 |
| Total | 15,309 | \$139,492 | \$9.11 | 6,226 | \$6.60 | \$41,085 | 21,535 | \$180,576 | \$8.39 |
| Total Meter Capital | | \$2,116,452 | | | | \$778,024 | | \$2,894,476 | |

Welland Hydro Electric System Corp.
Exhibit F
2010 Smart Meter Funding Adder Application
Revenue Requirement Calculations- 2006 Actual

| Average Fixed Asset Values | Start | Additions | Deprec. | End | Average |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|
| Distribution Meters | | | | | |
| Meter Bases Repairs-Labour | | | | | |
| Communication Equipment | | | | | |
| Fencing | | | | | |
| Computer Hardware | | | | | |
| Computer Software | | | | | |
| Total Capital Investments | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> |

Incremental Operating Expenses

| | | | | | |
|--|--|-------------------|--|--|--|
| Consulting Expenses-Util-Assist | | \$7,165.26 | | | |
| Meter Bases Repairs-Materials | | | | | |
| Smart Meter Brochures | | | | | |
| Software Licensing & Training | | | | | |
| Incremental Labour Overtime & Contract | | | | | |
| Total Incremental Operating Expenses | | <u>\$7,165.26</u> | | | |

Return on Capital & Expenses

| | % Base | Amount | Return % | Return \$ | |
|--|--------|---------------|----------|---------------|-------------------|
| Deemed Debt-Long Term | 46.0% | \$0.00 | 6.25% | \$0.00 | |
| Deemed Debt-Short Term | 4.0% | 0.00 | 6.25% | 0.00 | |
| Deemed Equity | 50.0% | 0.00 | 9.00% | 0.00 | |
| Return on Capital | | <u>\$0.00</u> | | <u>\$0.00</u> | \$0.00 |
| Incremental Operating Expenses | | | | | 7,165.26 |
| Carrying Charges Expenses | | | | | 28.29 |
| Amortization Expense | | | | | 0.00 |
| Revenue Requirement before PILS | | | | | <u>\$7,193.55</u> |
| Less Incremental Operating Expenses | | | | | -7,165.26 |
| Add Amortization Expense | | | | | 0.00 |
| Less Capital Cost Allowance | | | | | 0.00 |
| Less Interest Expense Capital | | | | | 0.00 |
| Taxable Income for PILS | | | | | <u>\$28.29</u> |

| Income Taxes Payable | Average Smart Meter Assets | Tax Rate | Amount | Gross Up |
|-----------------------------|----------------------------|----------|--------|---------------|
| Income Taxes | | 18.62% | 5.27 | \$6.47 |
| Ontario Capital Taxes | \$0.00 | 0.3% | 0.00 | 0.00 |
| Total Grossed Up PILS | | | | <u>\$6.47</u> |

2006 Rate Year Entitlement-Actual

| | |
|--|--------------------------|
| Revenue Requirement before PILS | \$7,193.55 |
| Grossed Up PILS | 6.47 |
| Total 2006 Rate Year Entitlement-Actual | <u><u>\$7,200.02</u></u> |

Welland Hydro Electric System Corp.
Exhibit F
2010 Smart Meter Funding Adder Application
Revenue Requirement Calculations- 2007 Actual

| Average Fixed Asset Values | Start | Additions | Deprec. | End | Average |
|--|---------------|----------------------------|---------------|---------------|---------------------------|
| Distribution Meters | | | | | |
| Meter Bases Repairs-Labour | | | | | |
| Communication Equipment | | | | | |
| Fencing | | | | | |
| Computer Hardware | | | | | |
| Computer Software | | | | | |
| Total Capital Investments | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> |
| Incremental Operating Expenses | | | | | |
| Consulting Expenses-Util-Assist | | \$10,374.56 | | | |
| Meter Bases Repairs-Materials | | | | | |
| Smart Meter Brochures | | | | | |
| Software Licensing & Training | | | | | |
| Incremental Labour Overtime & Contract | | | | | |
| Total Incremental Operating Expenses | | <u>\$10,374.56</u> | | | |
| Return on Capital & Expenses | % Base | Amount | Return % | Return \$ | |
| Deemed Debt-Long Term | 46.0% | \$0.00 | 6.25% | \$0.00 | |
| Deemed Debt-Short Term | 4.0% | 0.00 | 6.25% | 0.00 | |
| Deemed Equity | 50.0% | <u>0.00</u> | 9.00% | <u>0.00</u> | |
| Return on Capital | | \$0.00 | | \$0.00 | \$0.00 |
| Incremental Operating Expenses | | | | | 10,374.56 |
| Carrying Charges Expenses | | | | | 573.07 |
| Amortization Expense | | | | | 0.00 |
| Revenue Requirement before PILS | | | | | <u>\$10,947.63</u> |
| Less Incremental Operating Expenses | | | | | -10,374.56 |
| Add Amortization Expense | | | | | 0.00 |
| Less Capital Cost Allowance | | | | | 0.00 |
| Less Interest Expense Capital | | | | | <u>0.00</u> |
| Taxable Income for PILS | | | | | <u>\$573.07</u> |
| Income Taxes Payable | | Average Smart Meter Assets | Tax Rate | Amount | Gross Up |
| Income Taxes | | | 30.23% | 173.24 | \$248.30 |
| Ontario Capital Taxes | | \$0.00 | 0.285% | 0.00 | <u>0.00</u> |
| Total Grossed Up PILS | | | | | <u>\$248.30</u> |
| 2007 Rate Year Entitlement-Actual | | | | | |
| Revenue Requirement before PILS | | | | | \$10,947.63 |
| Grossed Up PILS | | | | | <u>248.30</u> |
| Total 2007 Rate Year Entitlement-Actual | | | | | <u><u>\$11,195.93</u></u> |

Welland Hydro Electric System Corp.
Exhibit F
2010 Smart Meter Funding Adder Application
Revenue Requirement Calculations- 2008 Actual

| Average Fixed Asset Values | Start | Additions | Deprec. | End | Average |
|-----------------------------------|---------------|---------------------|--------------------|---------------------|---------------------|
| Distribution Meters | \$0.00 | \$145,870.82 | -\$4,862.36 | \$141,008.46 | |
| Meter Bases Repairs-Labour | 0.00 | 0.00 | 0.00 | 0.00 | |
| Communication Equipment | 0.00 | 54,502.20 | -1,816.74 | 52,685.46 | |
| Fencing | | | 0.00 | 0.00 | |
| Computer Hardware | 0.00 | 3,981.68 | -398.17 | 3,583.51 | |
| Computer Software | 0.00 | 4,560.00 | -456.00 | 4,104.00 | |
| Total Capital Investments | \$0.00 | \$208,914.70 | -\$7,533.27 | \$201,381.43 | \$100,690.72 |

| Incremental Operating Expenses | |
|---|--------------------|
| Consulting Expenses-Util-Assist | \$12,829.68 |
| Meter Bases Repairs-Materials | 2,860.92 |
| Smart Meter Brochures & Advertising | 25,886.40 |
| Software Licensing & Training | 9,276.89 |
| Incremental Labour Overtime & Contract | 1,865.67 |
| Total Incremental Operating Expenses | \$52,719.56 |

| Return on Capital & Expenses | % Base | Amount | Return % | Return \$ | |
|---|--------|--------------|----------|------------|--------------------|
| Deemed Debt-Long Term | 49.3% | \$49,640.52 | 6.25% | \$3,102.53 | |
| Deemed Debt-Short Term | 4.0% | 4,027.63 | 6.25% | 251.73 | |
| Deemed Equity | 46.7% | 47,022.56 | 9.00% | 4,232.03 | |
| Return on Capital | | \$100,690.72 | | \$7,586.29 | \$7,586.29 |
| Incremental Operating Expenses | | | | | 52,719.56 |
| Carrying Charges Expenses | | | | | 735.67 |
| Amortization Expense | | | | | 7,533.27 |
| Revenue Requirement before PILS | | | | | \$68,574.79 |
| Less Incremental Operating Expenses | | | | | -52,719.56 |
| Add Amortization Expense | | | | | 7,533.27 |
| Less Capital Cost Allowance | | | | | -11,389.88 |
| Less Interest Expense Capital | | | | | -3,354.26 |
| Taxable Income for PILS | | | | | \$8,644.36 |

| Income Taxes Payable | Average Smart Meter Assets | Tax Rate | Amount | Gross Up |
|------------------------------|----------------------------|----------|----------|-------------------|
| Income Taxes | | 27.61% | 2,386.71 | \$3,297.01 |
| Ontario Capital Taxes | \$100,690.72 | 0.225% | 226.55 | 226.55 |
| Total Grossed Up PILS | | | | \$3,523.57 |

| 2008 Rate Year Entitlement-Actual | |
|--|--------------------|
| Revenue Requirement before PILS | \$68,574.79 |
| Grossed Up PILS | 3,523.57 |
| Total 2008 Rate Year Entitlement-Actual | \$72,098.35 |

Welland Hydro Electric System Corp.
Exhibit F
2010 Smart Meter Funding Adder Application
Revenue Requirement Calculations- 2009 Forecast

| Average Fixed Asset Values | Start | Additions | Deprec. | End | Average |
|-----------------------------------|---------------------|-----------------------|----------------------|-----------------------|-----------------------|
| Distribution Meters | \$141,008.46 | \$2,748,605.47 | -\$101,344.90 | \$2,788,269.02 | |
| Meter Bases Repairs-Labour | 0.00 | 2,381.77 | -47.64 | 2,334.13 | |
| Communication Equipment | 52,685.46 | 190,943.88 | -9,998.28 | 233,631.06 | |
| Fencing | 0.00 | 2,130.00 | -42.60 | 2,087.40 | |
| Computer Hardware | 3,583.51 | 2,147.03 | -1,011.04 | 4,719.50 | |
| Computer Software | 4,104.00 | 0.00 | -912.00 | 3,192.00 | |
| Total Capital Investments | \$201,381.43 | \$2,946,208.15 | -\$113,356.45 | \$3,034,233.12 | \$1,617,807.28 |

Incremental Operating Expenses

| | | | | | |
|---|--|--------------------|--|--|--|
| Consulting Expenses-Util-Assist | | \$29,923.97 | | | |
| Meter Bases Repairs-Materials | | 0.00 | | | |
| Smart Meter Brochures & Advertising | | 2,314.81 | | | |
| Software Licensing & Training | | 1,212.56 | | | |
| Incremental Labour Overtime & Contract | | 13,466.57 | | | |
| Total Incremental Operating Expenses | | \$46,917.91 | | | |

Return on Capital & Expenses

| | % Base | Amount | Return % | Return \$ | |
|--|--------|----------------|----------|-------------|---------------------|
| Deemed Debt-Long Term | 52.7% | \$852,584.44 | 2.87% | \$24,469.17 | |
| Deemed Debt-Short Term | 4.0% | 64,712.29 | 1.33% | 860.67 | |
| Deemed Equity | 43.3% | 700,510.55 | 8.01% | 56,110.90 | |
| Return on Capital | | \$1,617,807.28 | | \$81,440.74 | \$81,440.74 |
| Incremental Operating Expenses | | | | | 46,917.91 |
| Carrying Charges Expenses | | | | | 596.90 |
| Amortization Expense | | | | | 113,356.45 |
| Revenue Requirement before PILS | | | | | \$242,312.01 |
| Less Incremental Operating Expenses | | | | | -46,917.91 |
| Add Amortization Expense | | | | | 113,356.45 |
| Less Capital Cost Allowance | | | | | -137,609.22 |
| Less Interest Expense Capital | | | | | -25,329.85 |
| Taxable Income for PILS | | | | | \$145,811.49 |

Income Taxes Payable

| | Average Smart Meter Assets | Tax Rate | Amount | Gross Up |
|------------------------------|----------------------------|----------|-----------|--------------------|
| Income Taxes | | 29.02% | 42,314.49 | \$59,614.67 |
| Ontario Capital Taxes | \$1,617,807.28 | 0.225% | 3,640.07 | 3,640.07 |
| Total Grossed Up PILS | | | | \$63,254.74 |

2009 Rate Year Entitlement-Forecast

| | |
|--|---------------------|
| Revenue Requirement before PILS | \$242,312.01 |
| Grossed Up PILS | 63,254.74 |
| Total 2009 Rate Year Entitlement-Forecast | \$305,566.75 |

Welland Hydro Electric System Corp.
Exhibit F
2010 Smart Meter Funding Adder Application
Revenue Requirement Calculations- 2010 Forecast

| Average Fixed Asset Values | Start | Additions | Deprec. | End | Average |
|-----------------------------------|-----------------------|---------------|----------------------|-----------------------|-----------------------|
| Distribution Meters | \$2,788,269.02 | \$0.00 | -\$192,965.09 | \$2,595,303.94 | |
| Meter Bases Repairs-Labour | 2,334.13 | 0.00 | -95.27 | 2,238.86 | |
| Communication Equipment | 233,631.06 | 0.00 | -16,363.07 | 217,267.99 | |
| Fencing | 2,087.40 | 0.00 | -85.20 | 2,002.20 | |
| Computer Hardware | 4,719.50 | 0.00 | -1,225.74 | 3,493.76 | |
| Computer Software | 3,192.00 | 0.00 | -912.00 | 2,280.00 | |
| Total Capital Investments | \$3,034,233.12 | \$0.00 | -\$211,646.37 | \$2,822,586.75 | \$2,928,409.94 |

| Incremental Operating Expenses | |
|---|---------------|
| Consulting Expenses-Util-Assist | \$0.00 |
| Meter Bases Repairs-Materials | 0.00 |
| Smart Meter Brochures & Advertising | 0.00 |
| Software Licensing & Training | 0.00 |
| Incremental Labour Overtime & Contract | 0.00 |
| Total Incremental Operating Expenses | \$0.00 |

| Return on Capital & Expenses | % Base | Amount | Return % | Return \$ | |
|---|--------|----------------|----------|--------------|---------------------|
| Deemed Debt-Long Term | 56.0% | \$1,639,909.57 | 2.87% | \$47,065.40 | |
| Deemed Debt-Short Term | 4.0% | 117,136.40 | 1.33% | 1,557.91 | |
| Deemed Equity | 40.0% | 1,171,363.98 | 8.01% | 93,826.25 | |
| Return on Capital | | \$2,928,409.94 | | \$142,449.57 | \$142,449.57 |
| Incremental Operating Expenses | | | | | 0.00 |
| Carrying Charges Expenses | | | | | 644.48 |
| Amortization Expense | | | | | 211,646.37 |
| Revenue Requirement before PILS | | | | | \$354,740.42 |
| Less Incremental Operating Expenses | | | | | 0.00 |
| Add Amortization Expense | | | | | 211,646.37 |
| Less Capital Cost Allowance | | | | | -241,832.04 |
| Less Interest Expense Capital | | | | | -48,623.32 |
| Taxable Income for PILS | | | | | \$275,931.43 |

| Income Taxes Payable | Average Smart Meter Assets | Tax Rate | Amount | Gross Up |
|------------------------------|----------------------------|----------|-----------|---------------------|
| Income Taxes | | 29.02% | 80,075.30 | \$112,813.89 |
| Ontario Capital Taxes | \$2,928,409.94 | 0.150% | 4,392.61 | 4,392.61 |
| Total Grossed Up PILS | | | | \$117,206.51 |

| 2010 Rate Year Entitlement-Forecast | |
|--|---------------------|
| Revenue Requirement before PILS | \$354,740.42 |
| Grossed Up PILS | 117,206.51 |
| Total 2010 Rate Year Entitlement-Forecast | \$471,946.93 |

Welland Hydro Electric System Corp.
 Exhibit F
 2009/2010 Forecast Funding Adder & Interest on Expenses

| Smart Meter Funding Adder Revenue-2009 | | Opening Balance | Current Mth | Interest Rate | Current Mth Interest |
|---|--|-----------------|-------------------|---------------|----------------------|
| May-09 | | -204,183.31 | -6,568.71 | 1.00% | -170.15 |
| Jun-09 | | -210,752.02 | -5,032.93 | 1.00% | -175.63 |
| Jul-09 | | -215,784.95 | -5,638.98 | 0.55% | -98.90 |
| Aug-09 | | -221,423.93 | -5,140.63 | 0.55% | -101.49 |
| Sep-09 | | -226,564.56 | -7,030.38 | 0.55% | -103.84 |
| Oct-09 | | -233,594.94 | -5,860.89 | 0.55% | -107.06 |
| Nov-09 | | -239,455.83 | -5,860.89 | 0.55% | -109.75 |
| Dec-09 | | -245,316.72 | -5,860.89 | 0.55% | -112.44 |
| Jan-10 | | -251,177.61 | -5,860.89 | 0.55% | -115.12 |
| Feb-10 | | -257,038.50 | -5,860.89 | 0.55% | -117.81 |
| Mar-10 | | -262,899.39 | -5,860.89 | 0.55% | -120.50 |
| Apr-10 | | -268,760.28 | -5,860.89 | 0.55% | -123.18 |
| | | | <u>-70,437.86</u> | | <u>-1,455.87</u> |

| Interest on Expenses-2009 | | Opening Balance | Current Mth | Interest Rate | Current Mth Interest |
|----------------------------------|--|-----------------|------------------|---------------|----------------------|
| May-09 | | 70,259.38 | 7,752.87 | 1.00% | 58.55 |
| Jun-09 | | 78,012.25 | 12,036.45 | 1.00% | 65.01 |
| Jul-09 | | 90,048.70 | 4,090.24 | 0.55% | 41.27 |
| Aug-09 | | 94,138.94 | 3,419.38 | 0.55% | 43.15 |
| Sep-09 | | 97,558.32 | 2,309.91 | 0.55% | 44.71 |
| Oct-09 | | 99,868.23 | 2,472.72 | 0.55% | 45.77 |
| Nov-09 | | 102,340.95 | 2,472.72 | 0.55% | 46.91 |
| Dec-09 | | 104,813.68 | 2,472.72 | 0.55% | 48.04 |
| Jan-10 | | 107,286.40 | 2,472.72 | 0.55% | 49.17 |
| Feb-10 | | 109,759.12 | 2,472.72 | 0.55% | 50.31 |
| Mar-10 | | 112,231.84 | 2,472.72 | 0.55% | 51.44 |
| Apr-10 | | 114,704.57 | 2,472.72 | 0.55% | 52.57 |
| | | | <u>46,917.91</u> | | <u>596.90</u> |

| Interest on Expenses-2010 | | Opening Balance | Current Mth | Interest Rate | Current Mth Interest |
|----------------------------------|--|-----------------|-------------|---------------|----------------------|
| May-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Jun-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Jul-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Aug-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Sep-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Oct-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Nov-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Dec-10 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Jan-11 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Feb-11 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Mar-11 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| Apr-11 | | 117,177.29 | 0.00 | 0.55% | 53.71 |
| | | | <u>0.00</u> | | <u>644.48</u> |

Welland Hydro Electric System Corp.
 Exhibit F
 2010 Smart Meter Funding Adder Application
 Continuity Statement - For Accounting

| Year 2008 | Amortization Period | Opening Net Book Value | 2008 Actual Additions | Depreciation Previous Yrs Capital | Depreciation Current Yr Capital | Net Book Value |
|--------------------------------|---------------------|------------------------|-----------------------|-----------------------------------|---------------------------------|---------------------|
| Distribution Smart Meters-1860 | 15 | \$0.00 | \$145,870.82 | \$0.00 | -\$4,862.36 | \$141,008.46 |
| Meter Base Repairs- | 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Communication Equipment-1955 | 15 | 0.00 | 54,502.20 | 0.00 | -1,816.74 | 52,685.46 |
| Fencing-1908 | 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Computer Hardware-1921 | 5 | 0.00 | 3,981.68 | 0.00 | -398.17 | 3,583.51 |
| Computer-Software-1925 | 5 | 0.00 | 4,560.00 | 0.00 | -456.00 | 4,104.00 |
| | | <u>\$0.00</u> | <u>\$208,914.70</u> | <u>\$0.00</u> | <u>-\$7,533.27</u> | <u>\$201,381.43</u> |

| Year 2009 | Amortization Period | Opening Net Book Value | 2009 Actual Additions | Depreciation Previous Yrs Capital | Depreciation Current Yr Capital | Net Book Value |
|--------------------------------|---------------------|------------------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|
| Distribution Smart Meters-1860 | 15 | \$141,008.46 | \$2,748,605.47 | -\$9,724.72 | -\$91,620.18 | \$2,788,269.02 |
| Meter Base Repairs- | 25 | 0.00 | 2,381.77 | \$0.00 | -\$47.64 | \$2,334.13 |
| Communication Equipment-1955 | 15 | 52,685.46 | 190,943.88 | -\$3,633.48 | -\$6,364.80 | \$233,631.06 |
| Fencing-1908 | 25 | 0.00 | 2,130.00 | \$0.00 | -\$42.60 | \$2,087.40 |
| Computer Hardware-1921 | 5 | 3,583.51 | 2,147.03 | -\$796.34 | -\$214.70 | \$4,719.50 |
| Computer-Software-1925 | 5 | 4,104.00 | 0.00 | -\$912.00 | \$0.00 | \$3,192.00 |
| | | <u>\$201,381.43</u> | <u>\$2,946,208.15</u> | <u>-\$15,066.54</u> | <u>-\$98,289.92</u> | <u>\$3,034,233.12</u> |

| Year 2010 | Amortization Period | Opening Net Book Value | 2010 Actual Additions | Depreciation Previous Yrs Capital | Depreciation Current Yr Capital | Net Book Value |
|--------------------------------|---------------------|------------------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|
| Distribution Smart Meters-1860 | 15 | \$2,788,269.02 | \$0.00 | -\$192,965.09 | \$0.00 | \$2,595,303.94 |
| Meter Base Repairs- | 25 | 2,334.13 | 0.00 | -95.27 | \$0.00 | \$2,238.86 |
| Communication Equipment-1955 | 15 | 233,631.06 | 0.00 | -16,363.07 | \$0.00 | \$217,267.99 |
| Fencing-1908 | 25 | 2,087.40 | 0.00 | -85.20 | \$0.00 | \$2,002.20 |
| Computer Hardware-1921 | 5 | 4,719.50 | 0.00 | -1,225.74 | \$0.00 | \$3,493.76 |
| Computer-Software-1925 | 5 | 3,192.00 | 0.00 | -912.00 | \$0.00 | \$2,280.00 |
| | | <u>\$3,034,233.12</u> | <u>\$0.00</u> | <u>-\$211,646.37</u> | <u>\$0.00</u> | <u>\$2,822,586.75</u> |

Welland Hydro Electric System Corp.
 Exhibit F
 2010 Smart Meter Funding Adder Application
 Continuity Statement - Tax

| Year 2008 | CCA Rate | Opening UCC Balance | 2008 Actual Additions | CCA For Opening UCC | CCA For Current Yr Additions | Total CCA 2008 | Closing UCC Balance |
|--------------------------------|----------|------------------------|--------------------------|------------------------|------------------------------------|---------------------|------------------------|
| Distribution Smart Meters-1860 | 8% | \$0.00 | \$145,870.82 | \$0.00 | -\$5,834.83 | -\$5,834.83 | \$140,035.99 |
| Meter Base Repairs- | 8% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Communication Equipment-1955 | 8% | 0.00 | 54,502.20 | 0.00 | -2,180.09 | -2,180.09 | 52,322.11 |
| Fencing-1908 | 8% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Computer Hardware-1921 | 55% | 0.00 | 3,981.68 | 0.00 | -1,094.96 | -1,094.96 | 2,886.72 |
| Computer-Software-1925 | 100% | 0.00 | 4,560.00 | 0.00 | -2,280.00 | -2,280.00 | 2,280.00 |
| | | <u>\$0.00</u> | <u>\$208,914.70</u> | <u>\$0.00</u> | <u>-\$11,389.88</u> | <u>-\$11,389.88</u> | <u>\$197,524.82</u> |

| Year 2009 | CCA Rate | Opening UCC Balance | 2009 Actual Additions | CCA For Opening UCC | CCA For Current Yr Additions | Total CCA 2009 | Closing UCC Balance |
|--------------------------------|----------|------------------------|--------------------------|------------------------|------------------------------------|----------------------|------------------------|
| Distribution Smart Meters-1860 | 8% | \$140,035.99 | \$2,748,605.47 | -\$11,202.88 | -\$109,944.22 | -\$121,147.10 | \$2,767,494.36 |
| Meter Base Repairs- | 8% | 0.00 | 2,381.77 | 0.00 | -95.27 | -95.27 | 2,286.50 |
| Communication Equipment-1955 | 8% | 52,322.11 | 190,943.88 | -4,185.77 | -7,637.76 | -11,823.52 | 231,442.47 |
| Fencing-1908 | 8% | 0.00 | 2,130.00 | 0.00 | -85.20 | -85.20 | 2,044.80 |
| Computer Hardware-1921 | 55% | 2,886.72 | 2,147.03 | -1,587.69 | -590.43 | -2,178.13 | 2,855.62 |
| Computer-Software-1925 | 100% | 2,280.00 | 0.00 | -2,280.00 | 0.00 | -2,280.00 | 0.00 |
| | | <u>\$197,524.82</u> | <u>\$2,946,208.15</u> | <u>-\$19,256.34</u> | <u>-\$118,352.88</u> | <u>-\$137,609.22</u> | <u>\$3,006,123.74</u> |

| Year 2010 | CCA Rate | Opening UCC Balance | 2010 Actual Additions | CCA For Opening UCC | CCA For Current Yr Additions | Total CCA 2010 | Closing UCC Balance |
|--------------------------------|----------|------------------------|--------------------------|------------------------|------------------------------------|----------------------|------------------------|
| Distribution Smart Meters-1860 | 8% | \$2,767,494.36 | \$0.00 | -\$221,399.55 | \$0.00 | -\$221,399.55 | \$2,546,094.81 |
| Meter Base Repairs- | 8% | 2,286.50 | 0.00 | -182.92 | 0.00 | -182.92 | 2,103.58 |
| Communication Equipment-1955 | 8% | 231,442.47 | 0.00 | -18,515.40 | 0.00 | -18,515.40 | 212,927.07 |
| Fencing-1908 | 8% | 2,044.80 | 0.00 | -163.58 | 0.00 | -163.58 | 1,881.22 |
| Computer Hardware-1921 | 55% | 2,855.62 | 0.00 | -1,570.59 | 0.00 | -1,570.59 | 1,285.03 |
| Computer-Software-1925 | 100% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | <u>\$3,006,123.74</u> | <u>\$0.00</u> | <u>-\$241,832.04</u> | <u>\$0.00</u> | <u>-\$241,832.04</u> | <u>\$2,764,291.70</u> |

APPENDIX - G

RATE GENERATOR SCHEDULES & BILL IMPACTS



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

LDC Information

| | |
|---|-------------------------------------|
| Applicant Name | Welland Hydro-Electric System Corp. |
| Application Type | IRM3 |
| OEB Application Number | EB-2009-0252 |
| Tariff Effective Date | May 1, 2010 |
| LDC Licence Number | ED-2003-0002 |
| Notice Publication Language | French |
| DRC Rate | 0.00700 |
| Customer Bills | 12 per year |
| Distribution Demand Bill Determinant | kW |

Contact Information

| | |
|------------------------|-----------------------------|
| Name: | Wayne Armstrong |
| Title: | Director of Finance |
| Phone Number: | 905-732-1381 Ext 234 |
| E-Mail Address: | warmstrong@wellandhydro.com |

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Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Table of Contents

| Sheet Name | Purpose of Sheet |
|--|---|
| <u>A1.1 LDC Information</u> | Enter LDC Data |
| <u>A2.1 Table of Contents</u> | Table of Contents |
| <u>B1.1 Curr&Appl Rt Class General</u> | Set up Tariff Sheet Rate Classes - General |
| <u>C1.1 Smart Meter Funding Adder</u> | Enter Current Tariff Sheet Smart Meter Funding Adder |
| <u>C2.2 Deferral Account Rate Rider</u> | Deferral Account Rate Rider |
| <u>C2.3 Foregone Revenue Rate Rider</u> | Foregone Distribution Revenue Rate Rider |
| <u>C2.4 Tax Change Rate Rider</u> | Tax Change Rate Rider |
| <u>C3.1 Curr Low Voltage Vol Rt</u> | Current Low Voltage Volumetric Rate |
| <u>C4.1 Curr Rates & Chgs General</u> | Enter Current Tariff Sheet Rates - General Rate Classes |
| <u>C7.1 Base Dist Rates Gen</u> | Calculation of Base Distribution Rates - General Rate Classes |
| <u>D1.2 Revenue Cost Ratio Adj</u> | Revenue Cost Ratio Adjustment from Supplemental Model |
| <u>D2.2 K-Factor Adjustment</u> | K-Factor Adjustment from Supplemental Model |
| <u>E1.1 Rate Reb Base Dist Rts Gen</u> | Rate Rebalanced Base Distribution Rates General |
| <u>F1.2 Price Cap Adjustment</u> | Price Cap Adjustment |
| <u>J1.1 Smart Meter Funding Adder</u> | Enter Proposed Tariff Sheet Smart Meter Rate Adder |
| <u>J2.1 Tax Change Rate Rider</u> | Tax Change Rate Rider |
| <u>J2.3 Deferral Account Rate Rider1</u> | Deferral Account Rate Rider One |
| <u>J2.5 Deferral Account Rate Rider2</u> | Deferral Account Rate Rider Two |
| <u>J3.1 App For Low Voltage Vol Rt</u> | Applied for Low Voltage Volumetric Rate |
| <u>K1.1 App For Dist Rates Gen</u> | Calculation of Proposed Distribution Rates - General Rate Classes |
| <u>L1.1 Appl For TX Network</u> | Applied For TX Network General |
| <u>L2.1 Appl For TX Connect</u> | Applied For TX Connection General |
| <u>N1.1 Appl For Mthly R&C General</u> | Monthly Rates and Charges - General Rate Classes |
| <u>N3.1 Curr&Appl For Loss Factor</u> | Enter Loss Factors From Current Tariff Sheet |
| <u>O1.1 Sum of Chgs To MSC&DX Gen</u> | Shows Summary of Changes To General Service Charge and Distribution Volumetric Charge |
| <u>O1.2 Sum of Tariff Rate Adders</u> | Shows Summary of Changes To Tariff Rate Adders |
| <u>O1.3 Sum of Tariff Rate Rider</u> | Shows Summary of Changes To Tariff Rate Riders |
| <u>O2.1 Calculation of Bill Impact</u> | Bill Impact Calculations |
| <u>P1.1 Curr&Appl For Allowances</u> | Enter Allowances from Current Tariff Sheets |
| <u>P2.1 Curr&Appl For Spc Srv Chg</u> | Enter Specific Service Charges from Current Tariff Sheets |
| <u>P3.1 Curr&Appl For Rtl Srv Chg</u> | Enter Retail Service Charges from Current Tariff Sheets |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current and Applied For Rate Classes General

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



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current Smart Meter Funding Adder

| | |
|-------------------------------|---------------------------|
| Rate Adder | Smart Meter Funding Adder |
| Tariff Sheet Disclosure | No |
| Metric Applied To | Metered Customers |
| Method of Application | Uniform Service Charge |
| Uniform Service Charge Amount | 0.270000 |

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|------------------------|------------|------------|
| Residential | Yes | 0.270000 | Customer - 12 per year | 0.000000 | kWh |
| General Service Less Than 50 kW | Yes | 0.270000 | Customer - 12 per year | 0.000000 | kWh |
| General Service 50 to 4,999 kW | Yes | 0.270000 | Customer - 12 per year | 0.000000 | kW |
| Large Use | Yes | 0.270000 | Customer - 12 per year | 0.000000 | kW |



Ontario

Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Deferral Account Rate Rider

Rate Rider

Deferral Account Rate Rider

Sunset Date

April 30, 2011
DDMMYYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|--------------------------|------------|------------|
| Residential | Yes | 0.000000 | Customer - 12 per year | -0.000400 | kWh |
| General Service Less Than 50 kW | Yes | 0.000000 | Customer - 12 per year | -0.001100 | kWh |
| General Service 50 to 4,999 kW | Yes | 0.000000 | Customer - 12 per year | -0.543300 | kW |
| Large Use | Yes | 0.000000 | Customer - 12 per year | -0.449300 | kW |
| Unmetered Scattered Load | Yes | 0.000000 | Connection - 12 per year | -0.000500 | kWh |
| Sentinel Lighting | Yes | 0.000000 | Connection - 12 per year | -0.613000 | kW |
| Street Lighting | Yes | 0.000000 | Connection - 12 per year | -0.509300 | kW |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Foregone Distribution Revenue Rate Rider

| | |
|-----------------------|--|
| Rate Rider | Foregone Distribution Revenue Rate Rider |
| Sunset Date | April 30, 2010 |
| Metric Applied To | All Customers |
| Method of Application | Both Distinct |

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|--------------------------|------------|------------|
| Residential | Yes | 0.660000 | Customer - 12 per year | 0.000700 | kWh |
| General Service Less Than 50 kW | Yes | 1.790000 | Customer - 12 per year | 0.000600 | kWh |
| General Service 50 to 4,999 kW | Yes | 38.110000 | Customer - 12 per year | 0.159900 | kWh |
| Large Use | Yes | 728.480000 | Customer - 12 per year | 0.049200 | kWh |
| Unmetered Scattered Load | Yes | 1.220000 | Connection - 12 per year | 0.000800 | kWh |
| Sentinel Lighting | Yes | 0.520000 | Connection - 12 per year | 1.192200 | kWh |
| Street Lighting | Yes | 0.400000 | Connection - 12 per year | 1.700060 | kWh |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Tax Change Rate Rider

Rate Rider: Tax Change Rate Rider
 Sunset Date: DD/MM/YYYY
 Metric Applied To: All Customers
 Method of Application: Distinct Volumetric

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



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current Low Voltage Volumetric Rate

| | |
|--------------------------------|-----------------------------|
| Rate Description | Low Voltage Volumetric Rate |
| Select Tariff Sheet Disclosure | No - Embedded in Vol Rate |
| Metric Applied To | All Customers |
| Method of Application | Distinct Volumetric |
| Select Type of Re-Basing | 2009 COS |
| Price Cap Index Applied | 1.000000 |

| Rate Class | | Current Low Voltage |
|---------------------------------|-----|---------------------|
| Residential | kWh | 0.000000 |
| General Service Less Than 50 kW | kWh | 0.000000 |
| General Service 50 to 4,999 kW | kW | 0.000000 |
| Large Use | kW | 0.000000 |
| Unmetered Scattered Load | kWh | 0.000000 |
| Sentinel Lighting | kW | 0.000000 |
| Street Lighting | kW | 0.000000 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Current Rates and Charges General

Rate Class

Residential

| Rate Description | Metric | Rate |
|---|--------|-----------|
| Service Charge | \$ | 15.14 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 0.66 |
| Distribution Volumetric Rate | \$/kWh | 0.0150 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00040) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kWh | 0.00070 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0062 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0050 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

General Service Less Than 50 kW

| Rate Description | Metric | Rate |
|---|--------|-----------|
| Service Charge | \$ | 24.78 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 1.79 |
| Distribution Volumetric Rate | \$/kWh | 0.0086 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00110) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kWh | 0.00060 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0055 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0045 |

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

Rate Class

General Service 50 to 4,999 kW

| Rate Description | Metric | Rate |
|---|--------|-----------|
| Service Charge | \$ | 306.41 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 38.11 |
| Distribution Volumetric Rate | \$/kW | 1.2843 |
| | \$/kW | |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.54330) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 0.15990 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8926 |
| Retail Transmission Rate – Network Service Rate – Interval metered | \$/kW | 1.8773 |
| | \$/kW | 0.0000 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.5280 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered | \$/kW | 1.8303 |
| | \$/kW | 0.0000 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Large Use

| Rate Description | Metric | Rate |
|---|--------|-----------|
| Service Charge | \$ | 12,831.98 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 728.48 |
| Distribution Volumetric Rate | \$/kW | 0.8658 |
| | \$/kW | |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.44930) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 0.04920 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.3756 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 2.0325 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Unmetered Scattered Load

| Rate Description | Metric | Rate |
|--|--------|-------|
| Service Charge (per connection) | \$ | 13.38 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 1.22 |

| | | |
|---|--------|-----------|
| Distribution Volumetric Rate | \$/kWh | 0.0092 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00050) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kWh | 0.00080 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0055 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0045 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Sentinel Lighting

| Rate Description | Metric | Rate |
|---|--------|-----------|
| Service Charge (per connection) | \$ | 1.92 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 0.52 |
| Distribution Volumetric Rate | \$/kW | 4.3998 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.61300) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 1.19220 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.7627 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4232 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Street Lighting

| Rate Description | Metric | Rate |
|---|--------|-----------|
| Service Charge (per connection) | \$ | 1.37 |
| Service Charge Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$ | 0.40 |
| Distribution Volumetric Rate | \$/kW | 5.8705 |
| Distribution Volumetric Deferral Account Rate Rider – effective until April 30, 2011 | \$/kW | (0.50930) |
| Distribution Volumetric Foregone Distribution Revenue Rate Rider – effective until April 30, 2010 | \$/kW | 1.70006 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.7588 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4201 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Base Distribution Rates General

Service Charge

| Class | Metric | Current Rates | Smart Meter Funding Adder | Current Low Voltage | Current Base Rates |
|---------------------------------|--------------------------|---------------|---------------------------|---------------------|--------------------|
| Residential | Customer - 12 per year | 15.140000 | -0.270000 | 0.000000 | 14.870000 |
| General Service Less Than 50 kW | Customer - 12 per year | 24.780000 | -0.270000 | 0.000000 | 24.510000 |
| General Service 50 to 4,999 kW | Customer - 12 per year | 306.410000 | -0.270000 | 0.000000 | 306.140000 |
| Large Use | Customer - 12 per year | 12,831.980000 | -0.270000 | 0.000000 | 12,831.710000 |
| Unmetered Scattered Load | Connection - 12 per year | 13.380000 | 0.000000 | 0.000000 | 13.380000 |
| Sentinel Lighting | Connection - 12 per year | 1.920000 | 0.000000 | 0.000000 | 1.920000 |
| Street Lighting | Connection - 12 per year | 1.370000 | 0.000000 | 0.000000 | 1.370000 |

Distribution Volumetric Rate

| Class | Metric | Current Rates | Smart Meter Funding Adder | Current Low Voltage | Current Base Rates |
|---------------------------------|--------|---------------|---------------------------|---------------------|--------------------|
| Residential | kWh | 0.015000 | 0.000000 | 0.000000 | 0.015000 |
| General Service Less Than 50 kW | kWh | 0.008600 | 0.000000 | 0.000000 | 0.008600 |
| General Service 50 to 4,999 kW | kWh | 1.284300 | 0.000000 | 0.000000 | 1.284300 |
| Large Use | kWh | 0.865800 | 0.000000 | 0.000000 | 0.865800 |
| Unmetered Scattered Load | kWh | 0.009200 | 0.000000 | 0.000000 | 0.009200 |
| Sentinel Lighting | kWh | 4.399800 | 0.000000 | 0.000000 | 4.399800 |
| Street Lighting | kWh | 5.870500 | 0.000000 | 0.000000 | 5.870500 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Revenue Cost Ratio Adjustment from Supplemental Model

Rate Rebalancing Adjustment

Revenue Cost Ratio Adjustment

Metric Applied To

All Customers

Method of Application

Both Distinct

Monthly Service Charge

| Class | Metric | Base Rate | To This Class | \$ Adjustment | Adj To Base |
|---------------------------------|--------------------------|--------------|---------------|---------------|-------------|
| Residential | Customer - 12 per year | 14.870000 | Yes | - 0.730000 | 0.730000 |
| General Service Less Than 50 kW | Customer - 12 per year | 24.510000 | Yes | 0.000000 | 0.000000 |
| General Service 50 to 4,999 kW | Customer - 12 per year | 306.140000 | Yes | 33.450000 | 33.450000 |
| Large Use | Customer - 12 per year | 12831.710000 | Yes | 0.000000 | 0.000000 |
| Unmetered Scattered Load | Connection - 12 per year | 13.380000 | Yes | 0.000000 | 0.000000 |
| Sentinel Lighting | Connection - 12 per year | 1.920000 | Yes | 0.690000 | 0.690000 |
| Street Lighting | Connection - 12 per year | 1.370000 | Yes | 1.120000 | 1.120000 |

Volumetric Distribution Charge

| Class | Metric | Base Rate | To This Class | \$ Adjustment | Adj To Base |
|---------------------------------|--------|-----------|---------------|---------------|-------------|
| Residential | kWh | 0.015000 | Yes | - 0.000700 | 0.000700 |
| General Service Less Than 50 kW | kWh | 0.008600 | Yes | 0.000000 | 0.000000 |
| General Service 50 to 4,999 kW | kWh | 1.284300 | Yes | 0.140300 | 0.140300 |
| Large Use | kWh | 0.865800 | Yes | 0.000000 | 0.000000 |
| Unmetered Scattered Load | kWh | 0.009200 | Yes | 0.000000 | 0.000000 |
| Sentinel Lighting | kW | 4.399800 | Yes | 1.591900 | 1.591900 |
| Street Lighting | kW | 5.870500 | Yes | 4.798500 | 4.798500 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

K-Factor Adjustment from Supplemental Model

Rate Rebalancing Adjustment

K-Factor Adjustment

Metric Applied To

All Customers

Method of Application

Both Uniform%

Uniform Service Charge Percent

-0.040%

Uniform Volumetric Charge Percent -0.040% kWh
 -0.040% kW

Monthly Service Charge

| Class | Metric | Base Rate | To This Class | % Adjustment | Adj To Base |
|---------------------------------|--------------------------|--------------|---------------|--------------|-------------|
| Residential | Customer - 12 per year | 14.870000 | Yes | -0.040% | 0.005948 |
| General Service Less Than 50 kW | Customer - 12 per year | 24.510000 | Yes | -0.040% | 0.009804 |
| General Service 50 to 4,999 kW | Customer - 12 per year | 306.140000 | Yes | -0.040% | 0.122456 |
| Large Use | Customer - 12 per year | 12831.710000 | Yes | -0.040% | 5.132684 |
| Unmetered Scattered Load | Connection - 12 per year | 13.380000 | Yes | -0.040% | 0.005352 |
| Sentinel Lighting | Connection - 12 per year | 1.920000 | Yes | -0.040% | 0.000768 |
| Street Lighting | Connection - 12 per year | 1.370000 | Yes | -0.040% | 0.000548 |

Volumetric Distribution Charge

| Class | Metric | Base Rate | To This Class | % Adjustment | Adj To Base |
|---------------------------------|--------|-----------|---------------|--------------|-------------|
| Residential | kWh | 0.015000 | Yes | -0.040% | 0.000006 |
| General Service Less Than 50 kW | kWh | 0.008600 | Yes | -0.040% | 0.000003 |
| General Service 50 to 4,999 kW | kWh | 1.284300 | Yes | -0.040% | 0.000514 |
| Large Use | kWh | 0.865800 | Yes | -0.040% | 0.000346 |
| Unmetered Scattered Load | kWh | 0.009200 | Yes | -0.040% | 0.000004 |
| Sentinel Lighting | kW | 4.399800 | Yes | -0.040% | 0.001760 |
| Street Lighting | kW | 5.870500 | Yes | -0.040% | 0.002348 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Rate Rebalanced Base Distribution Rates General

Monthly Service Charge

| Class | Metric | Base Rate | Revenue Cost Ratio Adjustment | K-Factor Adjustment | Rate ReBal Base |
|---------------------------------|--------------------------|---------------|-------------------------------|---------------------|-----------------|
| Residential | Customer - 12 per year | 14.870000 | -0.730000 | -0.005948 | 14.134052 |
| General Service Less Than 50 kW | Customer - 12 per year | 24.510000 | 0.000000 | -0.009804 | 24.500196 |
| General Service 50 to 4,999 kW | Customer - 12 per year | 306.140000 | 33.450000 | -0.122456 | 339.467544 |
| Large Use | Customer - 12 per year | 12,831.710000 | 0.000000 | -5.132684 | 12,826.577316 |
| Unmetered Scattered Load | Connection - 12 per year | 13.380000 | 0.000000 | -0.005352 | 13.374648 |
| Sentinel Lighting | Connection - 12 per year | 1.920000 | 0.690000 | -0.000768 | 2.609232 |
| Street Lighting | Connection - 12 per year | 1.370000 | 1.120000 | -0.000548 | 2.489452 |

Volumetric Distribution Charge

| Class | Metric | Base Rate | Revenue Cost Ratio Adjustment | K-Factor Adjustment | Rate ReBal Base |
|---------------------------------|--------|-----------|-------------------------------|---------------------|-----------------|
| Residential | kWh | 0.015000 | -0.000700 | -0.000006 | 0.014294 |
| General Service Less Than 50 kW | kWh | 0.008600 | 0.000000 | -0.000003 | 0.008597 |
| General Service 50 to 4,999 kW | kW | 1.284300 | 0.140300 | -0.000514 | 1.424086 |
| Large Use | kW | 0.865800 | 0.000000 | -0.000346 | 0.865454 |
| Unmetered Scattered Load | kWh | 0.009200 | 0.000000 | -0.000004 | 0.009196 |
| Sentinel Lighting | kW | 4.389800 | 1.581900 | -0.001760 | 5.989940 |
| Street Lighting | kW | 5.870500 | 4.788500 | -0.002348 | 10.666652 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Price Cap Adjustment

| | | |
|--------------------------------|----------------------|---|
| Price Cap Adjustment | Price Cap Adjustment | |
| Metric Applied To | All Customers | |
| Method of Application | Both Uniform% | |
| Uniform Service Charge Percent | 1.180% | Uniform Volumetric Charge Percent 1.180% kWh 1.180% kW |

Monthly Service Charge

| Class | Metric | Base Rate | To This Class | % Adjustment | Adj To Base |
|---------------------------------|--------------------------|--------------|---------------|--------------|-------------|
| Residential | Customer - 12 per year | 14.134052 | Yes | 1.180% | 0.166782 |
| General Service Less Than 50 kW | Customer - 12 per year | 24.500196 | Yes | 1.180% | 0.289102 |
| General Service 50 to 4,999 kW | Customer - 12 per year | 339.467544 | Yes | 1.180% | 4.005717 |
| Large Use | Customer - 12 per year | 12826.577316 | Yes | 1.180% | 151.353612 |
| Unmetered Scattered Load | Connection - 12 per year | 13.374648 | Yes | 1.180% | 0.157821 |
| Sentinel Lighting | Connection - 12 per year | 2.609232 | Yes | 1.180% | 0.030789 |
| Street Lighting | Connection - 12 per year | 2.489452 | Yes | 1.180% | 0.029376 |

Volumetric Distribution Charge

| Class | Metric | Base Rate | To This Class | % Adjustment | Adj To Base |
|---------------------------------|--------|-----------|---------------|--------------|-------------|
| Residential | kWh | 0.014294 | Yes | 1.180% | 0.000169 |
| General Service Less Than 50 kW | kWh | 0.008597 | Yes | 1.180% | 0.000101 |
| General Service 50 to 4,999 kW | kW | 1.424086 | Yes | 1.180% | 0.016804 |
| Large Use | kW | 0.865454 | Yes | 1.180% | 0.010212 |
| Unmetered Scattered Load | kWh | 0.009196 | Yes | 1.180% | 0.000109 |
| Sentinel Lighting | kW | 5.989940 | Yes | 1.180% | 0.070681 |
| Street Lighting | kW | 10.666652 | Yes | 1.180% | 0.125866 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Applied for Smart Meter Funding Adder

Rate Adder: Smart Meter Funding Adder
 Tariff Sheet Disclosure: Yes
 Metric Applied To: Metered Customers
 Method of Application: Uniform Service Charge
 Uniform Service Charge Amount: 1.810000

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|------------------------|------------|------------|
| Residential | Yes | 1.810000 | Customer - 12 per year | 0.000000 | kWh |
| General Service Less Than 50 kW | Yes | 1.810000 | Customer - 12 per year | 0.000000 | kWh |
| General Service 50 to 4,999 kW | Yes | 1.810000 | Customer - 12 per year | 0.000000 | kW |
| Large Use | Yes | 1.810000 | Customer - 12 per year | 0.000000 | kW |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Tax Change Rate Rider

| | |
|-----------------------|----------------------------|
| Rate Rider | Tax Change Rate Rider |
| Sunset Date | April 30, 2011 DDMMYYYY |
| Metric Applied To | All Customers |
| Method of Application | Distinct Volumetric |

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|--------------------------|------------|------------|
| Residential | Yes | 0.000000 | Customer - 12 per year | -0.000071 | kWh |
| General Service Less Than 50 kW | Yes | 0.000000 | Customer - 12 per year | -0.000037 | kWh |
| General Service 50 to 4,999 kW | Yes | 0.000000 | Customer - 12 per year | -0.006126 | kWh |
| Large Use | Yes | 0.000000 | Customer - 12 per year | -0.003661 | kWh |
| Unmetered Scattered Load | Yes | 0.000000 | Connection - 12 per year | -0.000083 | kWh |
| Sentinel Lighting | Yes | 0.000000 | Connection - 12 per year | -0.030343 | kWh |
| Street Lighting | Yes | 0.000000 | Connection - 12 per year | -0.053066 | kWh |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Deferral Account Rate Rider One

Rate Rider

Deferral Account Rate Rider One

Sunset Date

April 30, 2011
DDMMYYYY

Metric Applied To

All Customers

Method of Application

Distinct Volumetric

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|--------------------------|------------|------------|
| Residential | Yes | 0.000000 | Customer - 12 per year | -0.000400 | kWh |
| General Service Less Than 50 kW | Yes | 0.000000 | Customer - 12 per year | -0.001100 | kWh |
| General Service 50 to 4,999 kW | Yes | 0.000000 | Customer - 12 per year | -0.543300 | kW |
| Large Use | Yes | 0.000000 | Customer - 12 per year | -0.449300 | kW |
| Unmetered Scattered Load | Yes | 0.000000 | Connection - 12 per year | -0.000500 | kWh |
| Sentinel Lighting | Yes | 0.000000 | Connection - 12 per year | -0.613000 | kW |
| Street Lighting | Yes | 0.000000 | Connection - 12 per year | -0.509300 | kW |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Deferral Account Rate Rider Two

| | |
|-----------------------|---------------------------------|
| Rate Rider | Deferral Account Rate Rider Two |
| Sunset Date | April 30, 2012 DDMMYYYY |
| Metric Applied To | All Customers |
| Method of Application | Distinct Volumetric |

| Rate Class | Applied to Class | Fixed Amount | Fixed Metric | Vol Amount | Vol Metric |
|---------------------------------|------------------|--------------|--------------------------|------------|------------|
| Residential | Yes | 0.000000 | Customer - 12 per year | -0.000910 | kWh |
| General Service Less Than 50 kW | Yes | 0.000000 | Customer - 12 per year | -0.000920 | kWh |
| General Service 50 to 4,999 kW | Yes | 0.000000 | Customer - 12 per year | -0.151010 | kW |
| Large Use | Yes | 0.000000 | Customer - 12 per year | -0.088990 | kW |
| Unmetered Scattered Load | Yes | 0.000000 | Connection - 12 per year | -0.001060 | kWh |
| Sentinel Lighting | Yes | 0.000000 | Connection - 12 per year | -0.357480 | kW |
| Street Lighting | Yes | 0.000000 | Connection - 12 per year | -0.115790 | kW |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Applied For Low Voltage Volumetric Rate

Rate Description: Low Voltage Volumetric Rate
 Select Tariff Sheet Disclosure: Shown on Tariff Sheet
 Metric Applied To: All Customers
 Method of Application: Distinct Volumetric

| Rate Class | | Applied for Low Voltage |
|---------------------------------|-----|-------------------------|
| Residential | kWh | 0.000000 |
| General Service Less Than 50 kW | kWh | 0.000000 |
| General Service 50 to 4,999 kW | kW | 0.000000 |
| Large Use | kW | 0.000000 |
| Unmetered Scattered Load | kWh | 0.000000 |
| Sentinel Lighting | kW | 0.000000 |
| Street Lighting | kW | 0.000000 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Applied For Distribution Rates General

Monthly Service Charge

| Class | Metric | Base Rate | Final Base |
|---------------------------------|--------------------------|---------------|---------------|
| Residential | Customer - 12 per year | 14.300834 | 14.300834 |
| General Service Less Than 50 kW | Customer - 12 per year | 24.789298 | 24.789298 |
| General Service 50 to 4,999 kW | Customer - 12 per year | 343.473261 | 343.473261 |
| Large Use | Customer - 12 per year | 12,977.930928 | 12,977.930928 |
| Unmetered Scattered Load | Connection - 12 per year | 13.532469 | 13.532469 |
| Sentinel Lighting | Connection - 12 per year | 2.640021 | 2.640021 |
| Street Lighting | Connection - 12 per year | 2.518828 | 2.518828 |

Volumetric Distribution Charge

| Class | Metric | Base Rate | Final Base |
|---------------------------------|--------|-----------|------------|
| Residential | kWh | 0.014463 | 0.014463 |
| General Service Less Than 50 kW | kWh | 0.008698 | 0.008698 |
| General Service 50 to 4,999 kW | kW | 1.440890 | 1.440890 |
| Large Use | kW | 0.875666 | 0.875666 |
| Unmetered Scattered Load | kWh | 0.009305 | 0.009305 |
| Sentinel Lighting | kW | 6.060621 | 6.060621 |
| Street Lighting | kW | 10.792518 | 10.792518 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Applied For TX Network General

| Method of Application | Uniform Percentage | | | | |
|--|--------------------|----------------|--------------|---------------|--------------|
| Uniform Percentage | 3.500% | | | | |
| Rate Class | Applied to Class | | | | |
| Residential | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kWh | 0.008200 | 3.500% | 0.000217 | 0.008417 |
| Rate Class | Applied to Class | | | | |
| General Service Less Than 50 kW | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kWh | 0.005500 | 3.500% | 0.000193 | 0.005693 |
| Rate Class | Applied to Class | | | | |
| General Service 50 to 4,999 kW | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kW | 1.892800 | 3.500% | 0.066241 | 1.958841 |
| Retail Transmission Rate - Network Service Rate - Interval metered | \$/kW | 1.877300 | 3.500% | 0.065706 | 1.943006 |
| Rate Class | Applied to Class | | | | |
| Large Use | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kW | 1.375800 | 3.500% | 0.048146 | 1.423746 |
| Rate Class | Applied to Class | | | | |
| Unmetered Scattered Load | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kWh | 0.005500 | 3.500% | 0.000193 | 0.005693 |
| Rate Class | Applied to Class | | | | |
| Sentinel Lighting | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kW | 1.762700 | 3.500% | 0.061695 | 1.824395 |
| Rate Class | Applied to Class | | | | |
| Street Lighting | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Network Service Rate | \$/kW | 1.758800 | 3.500% | 0.061558 | 1.820358 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Applied For TX Connection General

| Method of Application | Uniform Percentage | | | | |
|---|--------------------|----------------|--------------|---------------|--------------|
| Uniform Percentage | -2.200% | | | | |
| Rate Class | Applied to Class | | | | |
| Residential | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kWh | 0.005000 | -2.200% | -0.000110 | 0.004890 |
| Rate Class | Applied to Class | | | | |
| General Service Less Than 50 kW | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kWh | 0.004500 | -2.200% | -0.000099 | 0.004401 |
| Rate Class | Applied to Class | | | | |
| General Service 50 to 4,999 kW | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kW | 1.528000 | -2.200% | -0.033616 | 1.494384 |
| Retail Transmission Rate - Line and Transformation Connection Service Rate - Interval metered | \$/kW | 1.830300 | -2.200% | -0.040267 | 1.790033 |
| Rate Class | Applied to Class | | | | |
| Large Use | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kW | 2.032500 | -2.200% | -0.044715 | 1.987785 |
| Rate Class | Applied to Class | | | | |
| Unmetered Scattered Load | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kWh | 0.004500 | -2.200% | -0.000099 | 0.004401 |
| Rate Class | Applied to Class | | | | |
| Sentinel Lighting | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kW | 1.423200 | -2.200% | -0.031310 | 1.391890 |
| Rate Class | Applied to Class | | | | |
| Street Lighting | Yes | | | | |
| Rate Description | Vol Metric | Current Amount | % Adjustment | \$ Adjustment | Final Amount |
| Retail Transmission Rate - Line and Transformation Connection Service Rate | \$/kW | 1.420100 | -2.200% | -0.031242 | 1.388858 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Applied For Monthly Rates and Charges General

Rate Class

Residential

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge | \$ | 14.30 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kWh | 0.0145 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00007) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kWh | (0.00040) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kWh | (0.00091) |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0064 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0049 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

General Service Less Than 50 kW

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge | \$ | 24.79 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kWh | 0.0087 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00004) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kWh | (0.00110) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kWh | (0.00092) |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0057 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0044 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

General Service 50 to 4,999 kW

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge | \$ | 343.47 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kW | 1.4409 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.00613) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.54330) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.15101) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.9588 |
| Retail Transmission Rate – Network Service Rate – Interval metered | \$/kW | 1.9430 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4944 |

| | | |
|---|--------|--------|
| Retail Transmission Rate – Line and Transformation Connection Service Rate – Interval metered | \$/kW | 1.7900 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Large Use

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge | \$ | 12,977.93 |
| Service Charge Smart Meter Funding Adder | \$ | 1.81 |
| Distribution Volumetric Rate | \$/kW | 0.8757 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.00366) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.44930) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.08899) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.4237 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.9878 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Unmetered Scattered Load

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge (per connection) | \$ | 13.53 |
| Distribution Volumetric Rate | \$/kWh | 0.0093 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kWh | (0.00008) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kWh | (0.00050) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kWh | (0.00106) |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0057 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0044 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

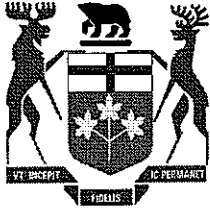
Sentinel Lighting

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge (per connection) | \$ | 2.64 |
| Distribution Volumetric Rate | \$/kW | 6.0606 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.03034) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.61300) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.35748) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8244 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.3919 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |

Rate Class

Street Lighting

| Rate Description | Metric | Rate |
|--|--------|-----------|
| Service Charge (per connection) | \$ | 2.52 |
| Distribution Volumetric Rate | \$/kW | 10.7925 |
| Distribution Volumetric Tax Change Rate Rider – effective until April 30, 2011 | \$/kW | (0.05307) |
| Distribution Volumetric Deferral Account Rate Rider One – effective until April 30, 2011 | \$/kW | (0.50930) |
| Distribution Volumetric Deferral Account Rate Rider Two – effective until April 30, 2012 | \$/kW | (0.11579) |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8204 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.3889 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 |
| Standard Supply Service – Administrative Charge (if applicable) | \$ | 0.25 |



Ontario

Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current and Applied For Loss Factors

LOSS FACTORS

Current

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

1.0532
1.0145
1.0427
1.0045



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Summary of Changes To General Service Charge and Distribution Volumetric Charge

| | Fixed (\$) | Volumetric \$/kWh |
|--|---------------|----------------------|
| Residential | | |
| Current Tariff Distribution Rates | 15.14 | 0.0150 |
| Less: Rate Adders Embedded in Tariff Rates | | |
| Smart Meter Funding Adder | -0.27 | 0.0000 |
| Total: Rate Adders Embedded in Tariff Rates | -0.27 | 0.0000 |
| Current Base Distribution Rates | 14.87 | 0.0150 |
| Rate Rebalancing Adjustments | | |
| Revenue Cost Ratio Adjustment | -0.73 | -0.0007 |
| K-Factor Adjustment | -0.01 | 0.0000 |
| Total Rate Rebalancing Adjustments | -0.74 | -0.0007 |
| Price Cap Adjustments | | |
| Price Cap Adjustment | 0.17 | 0.0002 |
| Total Price Cap Adjustments | 0.17 | 0.0002 |
| Applied For Base Distribution Rates | 14.30 | 0.0145 |
| Applied For Tariff Distribution Rates | 14.30 | 0.0145 |
| | 0.00 | 0.0000 |

| | Fixed (\$) | Volumetric \$/kWh |
|--|---------------|----------------------|
| General Service Less Than 50 kW | | |
| Current Tariff Rates | 24.78 | 0.0086 |
| Less: Rate Adders Embedded in Tariff Rates | | |
| Smart Meter Funding Adder | -0.27 | 0.0000 |
| Total: Rate Adders Embedded in Tariff Rates | -0.27 | 0.0000 |
| Current Base Distribution Rates | 24.51 | 0.01 |
| Rate Rebalancing Adjustments | | |
| K-Factor Adjustment | -0.01 | 0.0000 |
| Total Rate Rebalancing Adjustments | -0.01 | 0.0000 |
| Price Cap Adjustments | | |
| Price Cap Adjustment | 0.29 | 0.0001 |
| Total Price Cap Adjustments | 0.29 | 0.0001 |
| Applied For Base Distribution Rates | 24.79 | 0.0087 |
| Applied For Tariff Distribution Rates | 24.79 | 0.0087 |
| | 0.00 | 0.0000 |

| | Fixed (\$) | Volumetric \$/kW |
|--|---------------|---------------------|
| General Service 50 to 4,999 kW | | |
| Current Tariff Rates | 306.41 | 1.2843 |
| Less: Rate Adders Embedded in Tariff Rates | | |
| Smart Meter Funding Adder | -0.27 | 0.0000 |
| Total: Rate Adders Embedded in Tariff Rates | -0.27 | 0.0000 |
| Current Base Distribution Rates | 306.14 | 1.28 |
| Rate Rebalancing Adjustments | | |
| Revenue Cost Ratio Adjustment | 33.45 | 0.1403 |
| K-Factor Adjustment | -0.12 | -0.0005 |
| Total Rate Rebalancing Adjustments | 33.33 | 0.1398 |

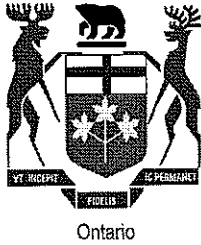
| | | |
|--|---------------|---------------|
| Price Cap Adjustments | | |
| Price Cap Adjustment | 4.01 | 0.0168 |
| Total Price Cap Adjustments | 4.01 | 0.0168 |
| Applied For Base Distribution Rates | 343.47 | 1.4409 |
| Applied For Tariff Distribution Rates | 343.47 | 1.4409 |
| | 0.00 | 0.0000 |

| | Fixed | Volumetric |
|--|------------------|----------------|
| | (\$) | \$/kW |
| Large Use | | |
| Current Tariff Rates | 12,831.98 | 0.8658 |
| Less: Rate Adders Embedded in Tariff Rates | | |
| Smart Meter Funding Adder | -0.27 | 0.0000 |
| Total: Rate Adders Embedded in Tariff Rates | -0.27 | 0.0000 |
| Current Base Distribution Rates | 12,831.71 | 0.87 |
| Rate Rebalancing Adjustments | | |
| K-Factor Adjustment | -5.13 | -0.0003 |
| Total Rate Rebalancing Adjustments | -5.13 | -0.0003 |
| Price Cap Adjustments | | |
| Price Cap Adjustment | 151.35 | 0.0102 |
| Total Price Cap Adjustments | 151.35 | 0.0102 |
| Applied For Base Distribution Rates | 12,977.93 | 0.8757 |
| Applied For Tariff Distribution Rates | 12,977.93 | 0.8757 |
| | 0.00 | 0.0000 |

| | Fixed | Volumetric |
|--|--------------|---------------|
| | (\$) | \$/kWh |
| Unmetered Scattered Load | | |
| Current Tariff Rates | 13.38 | 0.0092 |
| Current Base Distribution Rates | 13.38 | 0.01 |
| Rate Rebalancing Adjustments | | |
| K-Factor Adjustment | -0.01 | 0.0000 |
| Total Rate Rebalancing Adjustments | -0.01 | 0.0000 |
| Price Cap Adjustments | | |
| Price Cap Adjustment | 0.16 | 0.0001 |
| Total Price Cap Adjustments | 0.16 | 0.0001 |
| Applied For Base Distribution Rates | 13.53 | 0.0093 |
| Applied For Tariff Distribution Rates | 13.53 | 0.0093 |
| | 0.00 | 0.0000 |

| | Fixed | Volumetric |
|--|-------------|---------------|
| | (\$) | \$/kW |
| Sentinel Lighting | | |
| Current Tariff Rates | 1.92 | 4.3998 |
| Current Base Distribution Rates | 1.92 | 4.40 |
| Rate Rebalancing Adjustments | | |
| Revenue Cost Ratio Adjustment | 0.69 | 1.5919 |
| K-Factor Adjustment | 0.00 | -0.0018 |
| Total Rate Rebalancing Adjustments | 0.69 | 1.5901 |
| Price Cap Adjustments | | |
| Price Cap Adjustment | 0.03 | 0.0707 |
| Total Price Cap Adjustments | 0.03 | 0.0707 |
| Applied For Base Distribution Rates | 2.61 | 5.9899 |
| Applied For Tariff Distribution Rates | 2.64 | 6.0606 |
| | 0.00 | 0.0000 |

| | Fixed | Volumetric |
|--|-------------|----------------|
| | (\$) | \$/kW |
| Street Lighting | | |
| Current Tariff Rates | 1.37 | 5.8705 |
| Current Base Distribution Rates | 1.37 | 5.87 |
| Rate Rebalancing Adjustments | | |
| Revenue Cost Ratio Adjustment | 1.12 | 4.7985 |
| K-Factor Adjustment | 0.00 | -0.0023 |
| Total Rate Rebalancing Adjustments | 1.12 | 4.7962 |
| Price Cap Adjustments | | |
| Price Cap Adjustment | 0.03 | 0.1259 |
| Total Price Cap Adjustments | 0.03 | 0.1259 |
| Applied For Base Distribution Rates | 2.52 | 10.7925 |
| Applied For Tariff Distribution Rates | 2.52 | 10.7925 |
| | 0.00 | 0.0000 |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Summary of Changes To Tariff Rate Adders

| | Fixed | Volumetric |
|--------------------|-------|------------|
| Residential | (\$) | \$/kWh |

| | Fixed | Volumetric |
|---|-------------|---------------|
| Residential | (\$) | \$/kWh |
| Proposed Tariff Rates Adders | | |
| Smart Meter Funding Adder | 1.81 | 0.0000 |
| Total Proposed Tariff Rates Adders | 1.81 | 0.0000 |

| | Fixed | Volumetric |
|--|-------|------------|
| General Service Less Than 50 kW | (\$) | \$/kWh |

| | Fixed | Volumetric |
|---|-------------|---------------|
| General Service Less Than 50 kW | (\$) | \$ |
| Proposed Tariff Rates Adders | | |
| Smart Meter Funding Adder | 1.81 | 0.0000 |
| Total Proposed Tariff Rates Adders | 1.81 | 0.0000 |

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

| | Fixed | Volumetric |
|---------------------------------------|-------|------------|
| General Service 50 to 4,999 kW | (\$) | \$ |
| Proposed Tariff Rates Adders | | |

| | | |
|---|-------------|---------------|
| Smart Meter Funding Adder | 1.81 | 0.0000 |
| Total Proposed Tariff Rates Adders | 1.81 | 0.0000 |

| | | |
|------------------|-------|------------|
| | Fixed | Volumetric |
| Large Use | (\$) | \$/kWh |

| | | |
|---|-------------|---------------|
| | Fixed | Volumetric |
| Large Use | (\$) | 0 |
| Proposed Tariff Rates Adders | | |
| Smart Meter Funding Adder | 1.81 | 0.0000 |
| Total Proposed Tariff Rates Adders | 1.81 | 0.0000 |

| | | |
|---------------------------------|-------|------------|
| | Fixed | Volumetric |
| Unmetered Scattered Load | (\$) | \$/kWh |

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

| | | |
|--------------------------|-------|------------|
| | Fixed | Volumetric |
| Sentinel Lighting | (\$) | 0 |

| | | |
|---|-------------|---------------|
| | Fixed | Volumetric |
| Sentinel Lighting | (\$) | \$/kW |
| Proposed Tariff Rates Adders | | |
| Total Proposed Tariff Rates Adders | 0.00 | 0.0000 |

| | | |
|------------------------|-------|------------|
| | Fixed | Volumetric |
| Street Lighting | (\$) | \$/kW |

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



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Summary of Changes To Tariff Rate Riders

| | Fixed (\$) | Volumetric (\$/kWh) |
|--|-------------|---------------------|
| Residential | | |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.0004 |
| Foregone Distribution Revenue Rate Rider | 0.66 | 0.0007 |
| Total Current Tariff Rates Riders | 0.66 | 0.0003 |

| | Fixed (\$) | Volumetric (\$/kWh) |
|---|-------------|---------------------|
| Residential | | |
| Proposed Tariff Rates Riders | | |
| Tax Change Rate Rider | -0.00 | -0.0001 |
| Deferral Account Rate Rider One | 0.00 | -0.0004 |
| Deferral Account Rate Rider Two | 0.00 | -0.0009 |
| Total Proposed Tariff Rates Riders | 0.00 | -0.0014 |

| | Fixed (\$) | Volumetric (\$/kWh) |
|--|-------------|---------------------|
| General Service Less Than 50 kW | | |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.0011 |
| Foregone Distribution Revenue Rate Rider | 1.79 | 0.0006 |
| Total Current Tariff Rates Riders | 1.79 | -0.0005 |

| | Fixed (\$) | Volumetric (\$) |
|---|-------------|-----------------|
| General Service Less Than 50 kW | | |
| Proposed Tariff Rates Riders | | |
| Tax Change Rate Rider | 0.00 | 0.0000 |
| Deferral Account Rate Rider One | 0.00 | -0.0011 |
| Deferral Account Rate Rider Two | 0.00 | -0.0009 |
| Total Proposed Tariff Rates Riders | 0.00 | -0.0021 |

| | Fixed (\$) | Volumetric (\$) |
|--|--------------|-----------------|
| General Service 50 to 4,999 kW | | |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.5433 |
| Foregone Distribution Revenue Rate Rider | 38.11 | 0.1599 |
| Total Current Tariff Rates Riders | 38.11 | -0.3834 |

| | Fixed (\$) | Volumetric (\$) |
|---|-------------|-----------------|
| General Service 50 to 4,999 kW | | |
| Proposed Tariff Rates Riders | | |
| Tax Change Rate Rider | -0.00 | -0.0061 |
| Deferral Account Rate Rider One | 0.00 | -0.5433 |
| Deferral Account Rate Rider Two | 0.00 | -0.1510 |
| Total Proposed Tariff Rates Riders | 0.00 | -0.7004 |

| | Fixed (\$) | Volumetric (\$/kWh) |
|--|---------------|---------------------|
| Large Use | | |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.4493 |
| Foregone Distribution Revenue Rate Rider | 728.48 | 0.0492 |
| Total Current Tariff Rates Riders | 728.48 | -0.4001 |

| | Fixed (\$) | Volumetric (\$) |
|-------------------------------------|------------|-----------------|
| Large Use | | |
| Proposed Tariff Rates Riders | | 0 |

| | | |
|---|-------------|----------------|
| Tax Change Rate Rider | 0.00 | -0.0037 |
| Deferral Account Rate Rider One | 0.00 | -0.4493 |
| Deferral Account Rate Rider Two | 0.00 | -0.0890 |
| Total Proposed Tariff Rates Riders | 0.00 | -0.5420 |

| | Fixed (\$) | Volumetric (\$/kWh) |
|--|-------------|---------------------|
| Unmetered Scattered Load | | |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.0005 |
| Foregone Distribution Revenue Rate Rider | 1.22 | 0.0008 |
| Total Current Tariff Rates Riders | 1.22 | 0.0003 |

| | Fixed (\$) | Volumetric (\$/kWh) |
|---|-------------|---------------------|
| Unmetered Scattered Load | | 0 |
| Proposed Tariff Rates Riders | | |
| Tax Change Rate Rider | 0.00 | -0.0001 |
| Deferral Account Rate Rider One | 0.00 | -0.0005 |
| Deferral Account Rate Rider Two | 0.00 | -0.0011 |
| Total Proposed Tariff Rates Riders | 0.00 | -0.0016 |

| | Fixed (\$) | Volumetric (\$/kWh) |
|--|-------------|---------------------|
| Sentinel Lighting | | 0 |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.6130 |
| Foregone Distribution Revenue Rate Rider | 0.52 | 1.1922 |
| Total Current Tariff Rates Riders | 0.52 | 0.5792 |

| | Fixed (\$) | Volumetric (\$/kW) |
|---|-------------|--------------------|
| Sentinel Lighting | | |
| Proposed Tariff Rates Riders | | |
| Tax Change Rate Rider | 0.00 | -0.0303 |
| Deferral Account Rate Rider One | 0.00 | -0.6130 |
| Deferral Account Rate Rider Two | 0.00 | -0.3575 |
| Total Proposed Tariff Rates Riders | 0.00 | -1.0008 |

| | Fixed (\$) | Volumetric (\$/kW) |
|--|-------------|--------------------|
| Street Lighting | | |
| Current Tariff Rates Riders | | |
| Deferral Account Rate Rider | 0.00 | -0.5093 |
| Foregone Distribution Revenue Rate Rider | 0.40 | 1.7001 |
| Total Current Tariff Rates Riders | 0.40 | 1.1908 |

| | Fixed (\$) | Volumetric (\$/kW) |
|---|-------------|--------------------|
| Street Lighting | | 0 |
| Proposed Tariff Rates Riders | | |
| Tax Change Rate Rider | 0.00 | -0.0531 |
| Deferral Account Rate Rider One | 0.00 | -0.5093 |
| Deferral Account Rate Rider Two | 0.00 | -0.1158 |
| Total Proposed Tariff Rates Riders | 0.00 | -0.6782 |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



Residential

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 15.14 | 14.30 |
| Service Charge Rate Adder(s) | \$ | | 1.81 |
| Service Charge Rate Rider(s) | \$ | 0.66 | |
| Distribution Volumetric Rate | \$/kWh | 0.0150 | 0.0145 |
| Distribution Volumetric Rate Adder(s) | \$/kWh | | |
| Low Voltage Volumetric Rate | \$/kWh | | |
| Distribution Volumetric Rate Rider(s) | \$/kWh | 0.0003 | 0.0014 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0062 | 0.0064 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0050 | 0.0049 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | | | |
|---------------------|------------|------------|--------------------|-----------|
| Consumption | 800 | kWh | - | kW |
| RPP Tier One | 600 | kWh | Load Factor | |

Loss Factor 1.0532

| Residential | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--------|---------|---------------|--------|---------|---------------|--------------|---------------|-----------------|
| Energy First Tier (kWh) | 600 | 0.0570 | 34.20 | 600 | 0.0570 | 34.20 | 0.00 | 0.0% | 33.34% |
| Energy Second Tier (kWh) | 243 | 0.0660 | 16.04 | 243 | 0.0660 | 16.04 | 0.00 | 0.0% | 15.64% |
| Sub-Total: Energy | | | 50.24 | | | 50.24 | 0.00 | 0.0% | 48.98% |
| Service Charge | 1 | 15.14 | 15.14 | 1 | 14.30 | 14.30 | -0.84 | (5.5)% | 13.94% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 1.81 | 1.81 | 1.81 | 0.0% | 1.76% |
| Service Charge Rate Rider(s) | 1 | 0.66 | 0.66 | 1 | 0.00 | 0.00 | -0.66 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 800 | 0.0150 | 12.00 | 800 | 0.0145 | 11.60 | -0.40 | (3.3)% | 11.31% |
| Distribution Volumetric Rate Adder(s) | 800 | 0.0000 | 0.00 | 800 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 800 | 0.0000 | 0.00 | 800 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 800 | 0.0003 | 0.24 | 800 | -0.0014 | -1.12 | -1.36 | (566.7)% | -1.09% |
| Total: Distribution | | | 28.04 | | | 26.69 | -1.45 | (5.2)% | 25.92% |
| Retail Transmission Rate – Network Service Rate | 843 | 0.0062 | 5.23 | 843 | 0.0064 | 5.40 | 0.17 | 3.3% | 5.26% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 843 | 0.0050 | 4.22 | 843 | 0.0049 | 4.13 | -0.09 | (2.1)% | 4.03% |
| Total: Retail Transmission | | | 9.45 | | | 9.53 | 0.08 | 0.8% | 9.29% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 37.49 | | | 36.12 | -1.37 | (3.7)% | 35.21% |
| Wholesale Market Service Rate | 843 | 0.0052 | 4.38 | 843 | 0.0052 | 4.38 | 0.00 | 0.0% | 4.27% |
| Rural Rate Protection Charge | 843 | 0.0013 | 1.10 | 843 | 0.0013 | 1.10 | 0.00 | 0.0% | 1.07% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.24% |
| Sub-Total: Regulatory | | | 5.73 | | | 5.73 | 0.00 | 0.0% | 5.59% |
| Debt Retirement Charge (DRC) | 800 | 0.00700 | 5.60 | 800 | 0.00700 | 5.60 | 0.00 | 0.0% | 5.46% |
| Total Bill before Taxes | | | 99.06 | | | 97.69 | -1.37 | (1.4)% | 95.24% |
| GST | 99.06 | 5% | 4.95 | 97.69 | 5% | 4.88 | -0.07 | (1.4)% | 4.76% |
| Total Bill | | | 104.01 | | | 102.57 | -1.44 | (1.4)% | 100.00% |

Rate Class Threshold Test
Residential

kWh 250 600 800 1,400 2,250
 Loss Factor Adjusted kWh 264 632 843 1,475 2,370
 kW
 Load Factor

Energy

| | | | | | |
|------------------|----------|----------|----------|----------|-----------|
| Applied For Bill | \$ 15.05 | \$ 36.31 | \$ 50.24 | \$ 91.95 | \$ 151.02 |
| Current Bill | \$ 15.05 | \$ 36.31 | \$ 50.24 | \$ 91.95 | \$ 151.02 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 34.9% | 45.5% | 49.0% | 53.8% | 56.4% |

Distribution

| | | | | | |
|------------------|----------|----------|----------|----------|----------|
| Applied For Bill | \$ 19.38 | \$ 23.06 | \$ 26.61 | \$ 34.46 | \$ 45.62 |
| Current Bill | \$ 19.63 | \$ 24.98 | \$ 26.04 | \$ 37.22 | \$ 50.23 |
| \$ Impact | \$ 0.25 | \$ 1.00 | \$ 1.43 | \$ 2.74 | \$ 4.61 |
| % Impact | -1.3% | -4.0% | -5.1% | -7.4% | -9.2% |
| % of Total Bill | 44.9% | 30.1% | 25.9% | 20.2% | 17.1% |

Retail Transmission

| | | | | | |
|------------------|---------|---------|---------|----------|----------|
| Applied For Bill | \$ 2.95 | \$ 7.14 | \$ 9.83 | \$ 16.67 | \$ 26.78 |
| Current Bill | \$ 2.95 | \$ 7.08 | \$ 9.44 | \$ 16.52 | \$ 26.54 |
| \$ Impact | \$ 0.02 | \$ 0.06 | \$ 0.09 | \$ 0.15 | \$ 0.24 |
| % Impact | 0.7% | 0.8% | 1.0% | 0.9% | 0.9% |
| % of Total Bill | 6.9% | 8.9% | 9.3% | 9.8% | 10.0% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|----------|----------|----------|----------|----------|
| Applied For Bill | \$ 22.36 | \$ 31.12 | \$ 36.14 | \$ 51.15 | \$ 72.40 |
| Current Bill | \$ 22.59 | \$ 32.06 | \$ 37.48 | \$ 53.74 | \$ 76.77 |
| \$ Impact | \$ 0.23 | \$ 0.94 | \$ 1.34 | \$ 2.59 | \$ 4.37 |
| % Impact | -1.0% | -2.9% | -3.6% | -4.8% | -5.7% |
| % of Total Bill | 51.8% | 39.0% | 35.2% | 29.9% | 27.1% |

Regulatory

| | | | | | |
|------------------|---------|---------|---------|---------|----------|
| Applied For Bill | \$ 1.96 | \$ 4.36 | \$ 5.73 | \$ 9.84 | \$ 15.65 |
| Current Bill | \$ 1.96 | \$ 4.36 | \$ 5.73 | \$ 9.84 | \$ 15.65 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 4.5% | 5.5% | 5.6% | 5.8% | 5.8% |

Debt Retirement Charge

| | | | | | |
|------------------|---------|---------|---------|---------|----------|
| Applied For Bill | \$ 1.75 | \$ 4.20 | \$ 5.60 | \$ 9.80 | \$ 15.75 |
| Current Bill | \$ 1.75 | \$ 4.20 | \$ 5.60 | \$ 9.80 | \$ 15.75 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 4.1% | 5.3% | 5.5% | 5.7% | 5.9% |

GST

| | | | | | |
|------------------|---------|---------|---------|---------|----------|
| Applied For Bill | \$ 2.06 | \$ 3.80 | \$ 4.89 | \$ 8.14 | \$ 12.74 |
| Current Bill | \$ 2.07 | \$ 3.85 | \$ 4.95 | \$ 8.27 | \$ 12.96 |
| \$ Impact | \$ 0.01 | \$ 0.05 | \$ 0.06 | \$ 0.13 | \$ 0.22 |
| % Impact | -0.5% | -1.3% | -1.2% | -1.6% | -1.7% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|----------|----------|-----------|-----------|-----------|
| Applied For Bill | \$ 43.18 | \$ 79.79 | \$ 102.60 | \$ 170.88 | \$ 267.56 |
| Current Bill | \$ 43.42 | \$ 80.78 | \$ 104.00 | \$ 173.60 | \$ 272.15 |
| \$ Impact | \$ 0.24 | \$ 0.99 | \$ 1.40 | \$ 2.72 | \$ 4.59 |
| % Impact | -0.6% | -1.2% | -1.3% | -1.6% | -1.7% |

Rounding Applied 0.030000
 Rounding Current -0.010000



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



General Service Less Than 50 kW

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 24.78 | 24.79 |
| Service Charge Rate Adder(s) | \$ | | 1.81 |
| Service Charge Rate Rider(s) | \$ | 1.79 | |
| Distribution Volumetric Rate | \$/kWh | 0.0086 | 0.0087 |
| Distribution Volumetric Rate Adder(s) | \$/kWh | | |
| Low Voltage Volumetric Rate | \$/kWh | | |
| Distribution Volumetric Rate Rider(s) | \$/kWh | 0.0005 | 0.0021 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0055 | 0.0057 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0045 | 0.0044 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

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

Loss Factor 1.0532

| General Service Less Than 50 kW | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--------|---------|---------------|--------|---------|---------------|--------------|---------------|-----------------|
| Energy First Tier (kWh) | 750 | 0.0570 | 42.75 | 750 | 0.0570 | 42.75 | 0.00 | 0.0% | 18.39% |
| Energy Second Tier (kWh) | 1,357 | 0.0660 | 89.56 | 1,357 | 0.0660 | 89.56 | 0.00 | 0.0% | 38.54% |
| Sub-Total: Energy | | | 132.31 | | | 132.31 | 0.00 | 0.0% | 56.93% |
| Service Charge | 1 | 24.78 | 24.78 | 1 | 24.79 | 24.79 | 0.01 | 0.0% | 10.67% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 1.81 | 1.81 | 1.81 | 0.0% | 0.78% |
| Service Charge Rate Rider(s) | 1 | 1.79 | 1.79 | 1 | 0.00 | 0.00 | -1.79 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 2,000 | 0.0086 | 17.20 | 2,000 | 0.0087 | 17.40 | 0.20 | 1.2% | 7.49% |
| Distribution Volumetric Rate Adder(s) | 2,000 | 0.0000 | 0.00 | 2,000 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 2,000 | 0.0000 | 0.00 | 2,000 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 2,000 | -0.0005 | -1.00 | 2,000 | -0.0021 | -4.20 | -3.20 | 320.0% | -1.81% |
| Total: Distribution | | | 42.77 | | | 39.80 | 2.97 | (6.9)% | 17.12% |
| Retail Transmission Rate – Network Service Rate | 2,107 | 0.0055 | 11.59 | 2,107 | 0.0057 | 12.01 | 0.42 | 3.6% | 5.17% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 2,107 | 0.0045 | 9.48 | 2,107 | 0.0044 | 9.27 | -0.21 | (2.2)% | 3.99% |
| Total: Retail Transmission | | | 21.07 | | | 21.28 | 0.21 | (1.0)% | 9.16% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 63.84 | | | 61.08 | -2.76 | (4.3)% | 26.28% |
| Wholesale Market Service Rate | 2,107 | 0.0052 | 10.96 | 2,107 | 0.0052 | 10.96 | 0.00 | 0.0% | 4.72% |
| Rural Rate Protection Charge | 2,107 | 0.0013 | 2.74 | 2,107 | 0.0013 | 2.74 | 0.00 | 0.0% | 1.18% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.11% |
| Sub-Total: Regulatory | | | 13.95 | | | 13.95 | 0.00 | 0.0% | 6.00% |
| Debt Retirement Charge (DRC) | 2,000 | 0.00700 | 14.00 | 2,000 | 0.00700 | 14.00 | 0.00 | 0.0% | 6.02% |
| Total Bill before Taxes | | | 224.10 | | | 221.34 | -2.76 | (1.2)% | 95.24% |
| GST | 224.10 | 5% | 11.21 | 221.34 | 6% | 11.07 | -0.14 | (1.2)% | 4.76% |
| Total Bill: | | | 235.31 | | | 232.41 | -2.90 | (1.2)% | 100.00% |

Rate Class Threshold Test
General Service Less Than 50 kW

kWh 1,000 2,000 7,500 15,000 20,000
 Loss Factor Adjusted kWh 1,054 2,107 7,900 15,799 21,065
 kW
 Load Factor

Energy

| | | | | | |
|------------------|----------|-----------|-----------|-------------|-------------|
| Applied For Bill | \$ 62.81 | \$ 132.31 | \$ 514.65 | \$ 1,035.98 | \$ 1,383.54 |
| Current Bill | \$ 62.81 | \$ 132.31 | \$ 514.65 | \$ 1,035.98 | \$ 1,383.54 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 49.5% | 56.9% | 63.2% | 64.5% | 64.8% |

Distribution

| | | | | | |
|------------------|----------|----------|-----------|-----------|-----------|
| Applied For Bill | \$ 33.24 | \$ 39.89 | \$ 76.42 | \$ 126.24 | \$ 169.46 |
| Current Bill | \$ 34.67 | \$ 42.77 | \$ 87.32 | \$ 148.07 | \$ 188.57 |
| \$ Impact | \$ -1.43 | \$ -2.88 | \$ -10.90 | \$ -21.83 | \$ -29.11 |
| % Impact | -4.1% | -6.7% | -12.5% | -14.7% | -15.4% |
| % of Total Bill | 26.2% | 17.2% | 9.4% | 7.9% | 7.5% |

Retail Transmission

| | | | | | |
|------------------|----------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 0.65 | \$ 21.26 | \$ 9.79 | \$ 159.57 | \$ 212.76 |
| Current Bill | \$ 10.54 | \$ 21.07 | \$ 79.00 | \$ 157.99 | \$ 210.65 |
| \$ Impact | \$ 0.11 | \$ 0.21 | \$ 0.79 | \$ 1.58 | \$ 2.11 |
| % Impact | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| % of Total Bill | 8.4% | 9.2% | 9.8% | 9.9% | 10.0% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|----------|----------|-----------|-----------|-----------|
| Applied For Bill | \$ 43.89 | \$ 61.17 | \$ 156.21 | \$ 285.81 | \$ 372.22 |
| Current Bill | \$ 45.21 | \$ 63.84 | \$ 166.32 | \$ 306.06 | \$ 399.22 |
| \$ Impact | \$ -1.32 | \$ -2.67 | \$ -10.11 | \$ -20.25 | \$ -27.00 |
| % Impact | -2.9% | -4.2% | -6.1% | -6.6% | -6.8% |
| % of Total Bill | 34.6% | 26.3% | 19.2% | 17.8% | 17.4% |

Regulatory

| | | | | | |
|------------------|---------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 7.10 | \$ 13.95 | \$ 51.60 | \$ 102.94 | \$ 137.17 |
| Current Bill | \$ 7.10 | \$ 13.95 | \$ 51.60 | \$ 102.94 | \$ 137.17 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 5.6% | 6.0% | 6.3% | 6.4% | 6.4% |

Debt Retirement Charge

| | | | | | |
|------------------|---------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 7.00 | \$ 14.00 | \$ 52.50 | \$ 105.00 | \$ 140.00 |
| Current Bill | \$ 7.00 | \$ 14.00 | \$ 52.50 | \$ 105.00 | \$ 140.00 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 5.5% | 6.0% | 6.5% | 6.5% | 6.6% |

GST

| | | | | | |
|------------------|---------|----------|----------|----------|-----------|
| Applied For Bill | \$ 6.04 | \$ 11.07 | \$ 38.75 | \$ 76.49 | \$ 101.65 |
| Current Bill | \$ 6.11 | \$ 11.21 | \$ 39.25 | \$ 77.50 | \$ 103.00 |
| \$ Impact | \$ 0.07 | \$ 0.14 | \$ 0.50 | \$ 1.01 | \$ 1.35 |
| % Impact | -1.1% | -1.2% | -1.3% | -1.3% | -1.3% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|-----------|-----------|-----------|-------------|-------------|
| Applied For Bill | \$ 128.84 | \$ 232.50 | \$ 813.71 | \$ 1,606.22 | \$ 2,134.58 |
| Current Bill | \$ 128.23 | \$ 235.31 | \$ 824.32 | \$ 1,627.48 | \$ 2,162.93 |
| \$ Impact | \$ -0.61 | \$ 2.81 | \$ 10.61 | \$ 21.26 | \$ 28.35 |
| % Impact | -1.1% | -1.2% | -1.3% | -1.3% | -1.3% |

Rounding Applied 0.090000



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



General Service 50 to 4,999 kW

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 306.41 | 343.47 |
| Service Charge Rate Adder(s) | \$ | | 1.81 |
| Service Charge Rate Rider(s) | \$ | 38.11 | |
| Distribution Volumetric Rate | \$/kW | 1.2843 | 1.4409 |
| Distribution Volumetric Rate Adder(s) | \$/kW | | |
| Low Voltage Volumetric Rate | \$/kW | | |
| Distribution Volumetric Rate Rider(s) | \$/kW | 0.3834 | 0.7004 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8926 | 1.9588 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.5280 | 1.4944 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | | | |
|---------------------|--------------|------------|--------------------|--------------|
| Consumption | 9,840 | kWh | 62 | kWh |
| RPP Tier One | 750 | kWh | Load Factor | 21.8% |

Loss Factor 1.0532

| General Service 50 to 4,999 kW | | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--|----------|---------|-----------------|----------|---------|-----------------|--------------|---------------|-----------------|
| Energy First Tier (kWh) | | 750 | 0.0570 | 42.75 | 750 | 0.0570 | 42.75 | 0.00 | 0.0% | 2.87% |
| Energy Second Tier (kWh) | | 9,614 | 0.0660 | 634.52 | 9,614 | 0.0660 | 634.52 | 0.00 | 0.0% | 42.58% |
| Sub-Total: Energy | | | | 677.27 | | | 677.27 | 0.00 | 0.0% | 45.45% |
| Service Charge | | 1 | 306.41 | 306.41 | 1 | 343.47 | 343.47 | 37.06 | 12.1% | 23.05% |
| Service Charge Rate Adder(s) | | 1 | 0.00 | 0.00 | 1 | 1.81 | 1.81 | 1.81 | 0.0% | 0.12% |
| Service Charge Rate Rider(s) | | 1 | 38.11 | 38.11 | 1 | 0.00 | 0.00 | -38.11 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | | 62 | 1.2843 | 79.63 | 62 | 1.4409 | 89.34 | 9.71 | 12.2% | 6.00% |
| Distribution Volumetric Rate Adder(s) | | 62 | 0.0000 | 0.00 | 62 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | | 62 | 0.0000 | 0.00 | 62 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | | 62 | -0.3834 | -23.77 | 62 | -0.7004 | -43.42 | -19.65 | 82.7% | -2.91% |
| Total: Distribution | | | | 400.38 | | | 391.20 | -9.18 | (2.3)% | 26.25% |
| Retail Transmission Rate – Network Service Rate | | 62 | 1.8926 | 117.34 | 62 | 1.9588 | 121.45 | 4.11 | 3.5% | 8.15% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | | 62 | 1.5280 | 94.74 | 62 | 1.4944 | 92.65 | -2.09 | (2.2)% | 6.22% |
| Total: Retail Transmission | | | | 212.08 | | | 214.10 | 2.02 | 1.0% | 14.37% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | | 612.46 | | | 605.30 | -7.16 | (1.2)% | 40.62% |
| Wholesale Market Service Rate | | 10,364 | 0.0052 | 53.89 | 10,364 | 0.0052 | 53.89 | 0.00 | 0.0% | 3.62% |
| Rural Rate Protection Charge | | 10,364 | 0.0013 | 13.47 | 10,364 | 0.0013 | 13.47 | 0.00 | 0.0% | 0.90% |
| Standard Supply Service – Administration Charge (if applicable) | | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.02% |
| Sub-Total: Regulatory | | | | 67.61 | | | 67.61 | 0.00 | 0.0% | 4.54% |
| Debt Retirement Charge (DRC) | | 9,840 | 0.00700 | 68.88 | 9,840 | 0.00700 | 68.88 | 0.00 | 0.0% | 4.62% |
| Total Bill before Taxes | | | | 1,426.22 | | | 1,419.06 | -7.16 | (0.5)% | 95.24% |
| GST | | 1,426.22 | 5% | 71.31 | 1,419.06 | 5% | 70.95 | -0.36 | (0.5)% | 4.76% |
| Total Bill | | | | 1,497.53 | | | 1,490.01 | -7.52 | (0.5)% | 100.00% |

Rate Class Threshold Test

General Service 50 to 4,999 kW

| | kWh | 20,000 | 510,000 | 995,000 | 1,501,000 | 2,006,000 |
|--------------------------|-----|--------|---------|-----------|-----------|-----------|
| Loss Factor Adjusted kWh | | 21,065 | 537,133 | 1,047,935 | 1,580,854 | 2,112,720 |
| kW | | 50 | 1,270 | 2,480 | 3,740 | 5,000 |
| Load Factor | | 54.8% | 55.0% | 55.0% | 55.0% | 55.0% |

Energy

| | | | | | |
|------------------|-------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 1,383.54 | \$ 35,444.03 | \$ 69,156.96 | \$ 104,329.61 | \$ 139,432.77 |
| Current Bill | \$ 1,383.54 | \$ 35,444.03 | \$ 69,156.96 | \$ 104,329.61 | \$ 139,432.77 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 59.5% | 70.1% | 70.3% | 70.4% | 70.4% |

Distribution

| | | | | | |
|------------------|-----------|-------------|-------------|-------------|-------------|
| Applied For Bill | \$ 382.30 | \$ 1,285.67 | \$ 2,811.63 | \$ 3,114.62 | \$ 4,047.60 |
| Current Bill | \$ 389.56 | \$ 1,488.66 | \$ 2,578.75 | \$ 3,713.88 | \$ 4,849.02 |
| \$ Impact | \$ -7.26 | \$ -202.99 | \$ -397.12 | \$ -599.26 | \$ -801.42 |
| % Impact | -1.9% | -13.6% | -15.4% | -16.1% | -16.5% |
| % of Total Bill | 16.4% | 2.5% | 2.2% | 2.1% | 2.0% |

Retail Transmission

| | | | | | |
|------------------|-----------|-------------|-------------|--------------|--------------|
| Applied For Bill | \$ 172.66 | \$ 4,885.57 | \$ 8,563.96 | \$ 12,914.97 | \$ 17,266.00 |
| Current Bill | \$ 171.03 | \$ 4,344.16 | \$ 8,483.09 | \$ 12,793.04 | \$ 17,103.00 |
| \$ Impact | \$ 1.63 | \$ 441.41 | \$ 80.84 | \$ 121.93 | \$ 163.00 |
| % Impact | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| % of Total Bill | 7.4% | 8.7% | 8.7% | 8.7% | 8.7% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|-----------|-------------|--------------|--------------|--------------|
| Applied For Bill | \$ 554.96 | \$ 5,671.24 | \$ 10,745.56 | \$ 16,029.59 | \$ 21,313.60 |
| Current Bill | \$ 522.48 | \$ 5,794.71 | \$ 11,023.73 | \$ 16,468.81 | \$ 21,913.91 |
| \$ Impact | \$ 32.48 | \$ -123.47 | \$ -278.17 | \$ -439.22 | \$ -600.31 |
| % Impact | 6.2% | -2.1% | -2.5% | -2.7% | -2.7% |
| % of Total Bill | 23.9% | 11.2% | 10.9% | 10.8% | 10.8% |

Regulatory

| | | | | | |
|------------------|-----------|-------------|-------------|--------------|--------------|
| Applied For Bill | \$ 137.17 | \$ 3,491.61 | \$ 6,811.83 | \$ 10,275.80 | \$ 13,732.93 |
| Current Bill | \$ 137.17 | \$ 3,491.61 | \$ 6,811.83 | \$ 10,275.80 | \$ 13,732.93 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 5.9% | 6.9% | 6.9% | 6.9% | 6.9% |

Debt Retirement Charge

| | | | | | |
|------------------|-----------|-------------|-------------|--------------|--------------|
| Applied For Bill | \$ 140.00 | \$ 3,570.00 | \$ 6,965.00 | \$ 10,507.00 | \$ 14,042.00 |
| Current Bill | \$ 140.00 | \$ 3,570.00 | \$ 6,965.00 | \$ 10,507.00 | \$ 14,042.00 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 6.0% | 7.1% | 7.1% | 7.1% | 7.1% |

GST

| | | | | | |
|------------------|-----------|-------------|-------------|-------------|-------------|
| Applied For Bill | \$ 110.78 | \$ 2,408.84 | \$ 4,683.97 | \$ 7,057.10 | \$ 9,426.07 |
| Current Bill | \$ 109.16 | \$ 2,415.02 | \$ 4,697.88 | \$ 7,079.06 | \$ 9,456.08 |
| \$ Impact | \$ 1.62 | \$ -6.18 | \$ -13.91 | \$ -21.96 | \$ -30.01 |
| % Impact | 1.5% | -0.3% | -0.3% | -0.3% | -0.3% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|-------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 2,326.45 | \$ 50,585.72 | \$ 98,363.32 | \$ 148,199.10 | \$ 197,947.37 |
| Current Bill | \$ 2,292.35 | \$ 50,715.37 | \$ 98,655.40 | \$ 148,660.28 | \$ 198,577.69 |
| \$ Impact | \$ 34.10 | \$ -129.65 | \$ -292.08 | \$ -461.18 | \$ -630.32 |
| % Impact | 1.5% | -0.3% | -0.3% | -0.3% | -0.3% |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



General Service 50 to 4,999 kW

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 306.41 | 343.47 |
| Service Charge Rate Adder(s) | \$ | | 1.81 |
| Service Charge Rate Rider(s) | \$ | 38.11 | |
| Distribution Volumetric Rate | \$/kW | 1.2843 | 1.4409 |
| Distribution Volumetric Rate Adder(s) | \$/kW | | |
| Low Voltage Volumetric Rate | \$/kW | | |
| Distribution Volumetric Rate Rider(s) | \$/kW | -0.3834 | 0.7004 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.8926 | 1.9588 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.5280 | 1.4944 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | |
|---------------------|-------------------|--------------------------|
| Consumption | 75,000 kWh | 250 kWh |
| RPP Tier One | 750 kWh | Load Factor 41.1% |

Loss Factor 1.0532

| General Service 50 to 4,999 kW | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|----------|---------|-----------------|----------|---------|-----------------|----------------|---------------|-----------------|
| Energy First Tier (kWh) | 750 | 0.0570 | 42.75 | 750 | 0.0570 | 42.75 | 0.00 | 0.0% | 0.53% |
| Energy Second Tier (kWh) | 78,241 | 0.0660 | 5,163.91 | 78,241 | 0.0660 | 5,163.91 | 0.00 | 0.0% | 64.38% |
| Sub-Total: Energy | | | 5,206.66 | | | 5,206.66 | 0.00 | 0.0% | 64.91% |
| Service Charge | 1 | 306.41 | 306.41 | 1 | 343.47 | 343.47 | 37.06 | 12.1% | 4.28% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 1.81 | 1.81 | 1.81 | 0.0% | 0.02% |
| Service Charge Rate Rider(s) | 1 | 38.11 | 38.11 | 1 | 0.00 | 0.00 | -38.11 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 250 | 1.2843 | 321.08 | 250 | 1.4409 | 360.23 | 39.15 | 12.2% | 4.49% |
| Distribution Volumetric Rate Adder(s) | 250 | 0.0000 | 0.00 | 250 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 250 | 0.0000 | 0.00 | 250 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 250 | -0.3834 | -95.85 | 250 | -0.7004 | -175.10 | -79.25 | 82.7% | -2.18% |
| Total: Distribution | | | 569.75 | | | 530.41 | -39.34 | (6.9)% | 6.61% |
| Retail Transmission Rate – Network Service Rate | 250 | 1.8926 | 473.15 | 250 | 1.9588 | 489.70 | 16.55 | 3.5% | 6.11% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 250 | 1.5280 | 382.00 | 250 | 1.4944 | 373.60 | -8.40 | (2.2)% | 4.66% |
| Total: Retail Transmission | | | 855.15 | | | 863.30 | 8.15 | 1.0% | 10.76% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 1,424.90 | | | 1,393.71 | -31.19 | (2.2)% | 17.38% |
| Wholesale Market Service Rate | 78,991 | 0.0052 | 410.75 | 78,991 | 0.0052 | 410.75 | 0.00 | 0.0% | 5.12% |
| Rural Rate Protection Charge | 78,991 | 0.0013 | 102.69 | 78,991 | 0.0013 | 102.69 | 0.00 | 0.0% | 1.28% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Regulatory | | | 513.69 | | | 513.69 | 0.00 | 0.0% | 6.40% |
| Debt Retirement Charge (DRC) | 75,000 | 0.00700 | 525.00 | 75,000 | 0.00700 | 525.00 | 0.00 | 0.0% | 6.55% |
| Total Bill before Taxes | | | 7,670.25 | | | 7,539.06 | -119.19 | (1.6)% | 95.24% |
| GST | 7,670.25 | 5% | 383.51 | 7,639.06 | 5% | 381.95 | -1.56 | (0.4)% | 4.76% |
| Total Bill | | | 8,053.76 | | | 8,021.01 | -32.75 | (0.4)% | 100.00% |

Rate Class Threshold Test
General Service 50 to 4,999 kW

| | kWh | 20,000 | 510,000 | 995,000 | 1,501,000 | 2,006,000 |
|--------------------------|-----|--------|---------|-----------|-----------|-----------|
| Loss Factor Adjusted kWh | | 21,065 | 537,133 | 1,047,935 | 1,580,854 | 2,112,720 |
| kW | | 50 | 1,270 | 2,480 | 3,740 | 5,000 |
| Load Factor | | 54.8% | 55.0% | 55.0% | 55.0% | 55.0% |

Energy

| | | | | | |
|------------------|-------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 1,383.54 | \$ 35,444.03 | \$ 69,156.96 | \$ 104,329.61 | \$ 139,432.77 |
| Current Bill | \$ 1,383.54 | \$ 35,444.03 | \$ 69,156.96 | \$ 104,329.61 | \$ 139,432.77 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 59.6% | 70.1% | 70.3% | 70.4% | 70.4% |

Distribution

| | | | | | |
|------------------|-----------|-------------|-------------|-------------|-------------|
| Applied For Bill | \$ 382.80 | \$ 1,285.67 | \$ 2,161.69 | \$ 3,114.62 | \$ 4,047.60 |
| Current Bill | \$ 389.56 | \$ 1,488.69 | \$ 2,578.75 | \$ 3,713.88 | \$ 4,849.02 |
| \$ Impact | \$ -7.26 | \$ -202.99 | \$ -397.12 | \$ -599.26 | \$ -801.42 |
| % Impact | -1.9% | -13.6% | -15.4% | -16.1% | -16.5% |
| % of Total Bill | 16.4% | 2.5% | 2.2% | 2.1% | 2.0% |

Retail Transmission

| | | | | | |
|------------------|-----------|-------------|-------------|--------------|--------------|
| Applied For Bill | \$ 172.66 | \$ 4,385.57 | \$ 8,569.93 | \$ 12,914.97 | \$ 17,266.00 |
| Current Bill | \$ 171.93 | \$ 4,344.16 | \$ 8,483.09 | \$ 12,793.04 | \$ 17,103.00 |
| \$ Impact | \$ 0.73 | \$ 41.41 | \$ 86.84 | \$ 121.93 | \$ 163.00 |
| % Impact | 1.0% | 1.0% | 1.0% | 1.0% | 1.0% |
| % of Total Bill | 7.4% | 8.7% | 8.7% | 8.7% | 8.7% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|-----------|-------------|--------------|--------------|--------------|
| Applied For Bill | \$ 554.96 | \$ 6,671.24 | \$ 10,745.56 | \$ 16,029.59 | \$ 21,313.60 |
| Current Bill | \$ 522.48 | \$ 5,794.71 | \$ 11,023.73 | \$ 16,468.81 | \$ 21,913.91 |
| \$ Impact | \$ 32.48 | \$ -123.47 | \$ -278.17 | \$ -439.22 | \$ -600.31 |
| % Impact | 6.2% | -2.1% | -2.5% | -2.7% | -2.7% |
| % of Total Bill | 23.9% | 11.2% | 10.9% | 10.8% | 10.8% |

Regulatory

| | | | | | |
|------------------|-----------|-------------|-------------|--------------|--------------|
| Applied For Bill | \$ 137.17 | \$ 3,491.61 | \$ 6,811.83 | \$ 10,275.80 | \$ 13,732.93 |
| Current Bill | \$ 137.17 | \$ 3,491.61 | \$ 6,811.83 | \$ 10,275.80 | \$ 13,732.93 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 5.9% | 6.9% | 6.9% | 6.9% | 6.9% |

Debt Retirement Charge

| | | | | | |
|------------------|-----------|-------------|-------------|--------------|--------------|
| Applied For Bill | \$ 140.00 | \$ 3,570.00 | \$ 6,965.00 | \$ 10,507.00 | \$ 14,042.00 |
| Current Bill | \$ 140.00 | \$ 3,570.00 | \$ 6,965.00 | \$ 10,507.00 | \$ 14,042.00 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 6.0% | 7.1% | 7.1% | 7.1% | 7.1% |

GST

| | | | | | |
|------------------|-----------|-------------|-------------|-------------|-------------|
| Applied For Bill | \$ 110.78 | \$ 2,408.84 | \$ 4,683.97 | \$ 7,057.10 | \$ 9,426.07 |
| Current Bill | \$ 109.16 | \$ 2,415.02 | \$ 4,697.88 | \$ 7,079.06 | \$ 9,456.08 |
| \$ Impact | \$ 1.62 | \$ -6.18 | \$ -13.91 | \$ -21.96 | \$ -30.01 |
| % Impact | 1.5% | -0.3% | -0.3% | -0.3% | -0.3% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|-------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 2,326.46 | \$ 50,585.72 | \$ 98,363.32 | \$ 148,199.10 | \$ 197,947.37 |
| Current Bill | \$ 2,292.35 | \$ 50,715.37 | \$ 98,655.40 | \$ 148,660.26 | \$ 198,577.69 |
| \$ Impact | \$ 34.10 | \$ -129.65 | \$ -292.08 | \$ -461.18 | \$ -630.32 |
| % Impact | 1.5% | -0.3% | -0.3% | -0.3% | -0.3% |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



Large Use

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 12,831.98 | 12,977.93 |
| Service Charge Rate Adder(s) | \$ | | 1.81 |
| Service Charge Rate Rider(s) | \$ | 728.48 | |
| Distribution Volumetric Rate | \$/kWh | 0.8658 | 0.8757 |
| Distribution Volumetric Rate Adder(s) | \$/kWh | | |
| Low Voltage Volumetric Rate | \$/kWh | | |
| Distribution Volumetric Rate Rider(s) | \$/kWh | 0.4001 | 0.5420 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 1.3756 | 1.4237 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 2.0325 | 1.9878 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | | | |
|---------------------|------------------|------------|--------------------|--------------|
| Consumption | 4,700,000 | kWh | 13,900 | kW |
| RPP Tier One | 750 | kWh | Load Factor | 46.3% |

Loss Factor 1.0427

| Large Use | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|------------|-----------|-------------------|------------|-----------|-------------------|------------------|----------------|-----------------|
| Energy First Tier (kWh) | 750 | 0.0570 | 42.75 | 750 | 0.0570 | 42.75 | 0.00 | 0.0% | 0.01% |
| Energy Second Tier (kWh) | 4,899,941 | 0.0660 | 323,396.11 | 4,899,941 | 0.0660 | 323,396.11 | 0.00 | 0.0% | 67.96% |
| Sub-Total: Energy | | | 323,438.86 | | | 323,438.86 | 0.00 | 0.0% | 67.96% |
| Service Charge | 1 | 12,831.98 | 12,831.98 | 1 | 12,977.93 | 12,977.93 | 145.95 | 1.1% | 2.73% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 1.81 | 1.81 | 0.00 | 0.0% | 0.00% |
| Service Charge Rate Rider(s) | 1 | 728.48 | 728.48 | 1 | 0.00 | 0.00 | -728.48 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 13,900 | 0.8658 | 12,034.62 | 13,900 | 0.8757 | 12,172.23 | 137.61 | 1.1% | 2.56% |
| Distribution Volumetric Rate Adder(s) | 13,900 | 0.0000 | 0.00 | 13,900 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 13,900 | 0.0000 | 0.00 | 13,900 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 13,900 | -0.4001 | -5,561.39 | 13,900 | -0.5420 | -7,533.80 | -1,972.41 | 35.5% | -1.56% |
| Total: Distribution | | | 20,033.69 | | | 17,618.17 | -2,415.52 | (12.1)% | 3.70% |
| Retail Transmission Rate – Network Service Rate | 13,900 | 1.3756 | 19,120.84 | 13,900 | 1.4237 | 19,789.43 | 668.59 | 3.5% | 4.16% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 13,900 | 2.0325 | 28,251.75 | 13,900 | 1.9878 | 27,630.42 | -621.33 | (2.2)% | 5.81% |
| Total: Retail Transmission | | | 47,372.59 | | | 47,419.85 | 47.26 | 0.1% | 9.96% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 67,406.28 | | | 65,038.02 | -2,368.26 | (3.5)% | 13.67% |
| Wholesale Market Service Rate | 4,900,691 | 0.0052 | 25,483.59 | 4,900,691 | 0.0052 | 25,483.59 | 0.00 | 0.0% | 5.35% |
| Rural Rate Protection Charge | 4,900,691 | 0.0013 | 6,370.90 | 4,900,691 | 0.0013 | 6,370.90 | 0.00 | 0.0% | 1.34% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Regulatory | | | 31,854.74 | | | 31,854.74 | 0.00 | 0.0% | 6.69% |
| Debt Retirement Charge (DRC) | 4,700,000 | 0.00700 | 32,900.00 | 4,700,000 | 0.00700 | 32,900.00 | 0.00 | 0.0% | 6.91% |
| Total Bill before Taxes | | | 465,599.88 | | | 453,231.62 | -2,368.26 | (0.5)% | 95.24% |
| GST | 455,599.88 | 5% | 22,779.99 | 453,231.62 | 5% | 22,661.58 | -118.41 | (0.5)% | 4.76% |
| Total Bill | | | 478,379.87 | | | 475,893.20 | -2,486.67 | (0.5)% | 100.00% |

Rate Class Threshold Test
Large Use

| | kWh | 2,600,000 | 5,000,000 | 13,000,000 | 20,000,000 | 26,000,000 |
|--------------------------|-----|-----------|-----------|------------|------------|------------|
| Loss Factor Adjusted kWh | | 2,711,021 | 5,213,501 | 13,555,101 | 20,854,002 | 27,110,202 |
| | kW | 5,000 | 10,000 | 25,000 | 40,000 | 50,000 |
| Load Factor | | 71.3% | 68.5% | 71.3% | 68.5% | 71.3% |

Energy

| | | | | | |
|------------------|---------------|---------------|---------------|-----------------|-----------------|
| Applied For Bill | \$ 178,920.64 | \$ 344,084.31 | \$ 894,629.91 | \$ 1,376,357.37 | \$ 1,789,266.57 |
| Current Bill | \$ 178,920.64 | \$ 344,084.31 | \$ 894,629.91 | \$ 1,376,357.37 | \$ 1,789,266.57 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 69.1% | 70.7% | 72.2% | 72.2% | 72.6% |

Distribution

| | | | | | |
|------------------|--------------|--------------|--------------|--------------|--------------|
| Applied For Bill | \$ 14,648.48 | \$ 16,317.23 | \$ 21,323.46 | \$ 26,329.70 | \$ 29,667.19 |
| Current Bill | \$ 15,886.96 | \$ 18,217.46 | \$ 25,202.96 | \$ 32,188.46 | \$ 36,845.46 |
| \$ Impact | \$ -1,240.48 | \$ -1,900.23 | \$ -3,879.50 | \$ -5,858.76 | \$ -7,178.27 |
| % Impact | -7.8% | -10.4% | -15.4% | -18.2% | -19.5% |
| % of Total Bill | 5.7% | 3.4% | 1.7% | 1.4% | 1.2% |

Retail Transmission

| | | | | | |
|------------------|--------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 17,057.56 | \$ 34,115.00 | \$ 85,287.50 | \$ 136,460.00 | \$ 170,575.00 |
| Current Bill | \$ 17,040.50 | \$ 34,081.00 | \$ 85,202.50 | \$ 136,324.00 | \$ 170,405.00 |
| \$ Impact | \$ 17.06 | \$ 34.00 | \$ 85.00 | \$ 136.00 | \$ 170.00 |
| % Impact | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% |
| % of Total Bill | 6.6% | 7.0% | 6.9% | 7.2% | 6.9% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|--------------|--------------|---------------|---------------|---------------|
| Applied For Bill | \$ 31,705.98 | \$ 50,432.23 | \$ 106,610.96 | \$ 162,789.70 | \$ 200,242.19 |
| Current Bill | \$ 32,200.98 | \$ 51,569.98 | \$ 109,676.98 | \$ 167,783.98 | \$ 206,521.98 |
| \$ Impact | \$ -495.00 | \$ -1,137.75 | \$ -3,066.02 | \$ -4,994.28 | \$ -6,279.79 |
| % Impact | -1.5% | -2.2% | -2.8% | -3.0% | -3.0% |
| % of Total Bill | 12.3% | 10.4% | 8.6% | 8.5% | 8.1% |

Regulatory

| | | | | | |
|------------------|--------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 17,621.89 | \$ 33,888.01 | \$ 88,108.41 | \$ 135,551.26 | \$ 176,216.56 |
| Current Bill | \$ 17,621.89 | \$ 33,888.01 | \$ 88,108.41 | \$ 135,551.26 | \$ 176,216.56 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 6.8% | 7.0% | 7.1% | 7.1% | 7.1% |

Debt Retirement Charge

| | | | | | |
|------------------|--------------|--------------|--------------|---------------|---------------|
| Applied For Bill | \$ 18,200.00 | \$ 35,000.00 | \$ 91,000.00 | \$ 140,000.00 | \$ 182,000.01 |
| Current Bill | \$ 18,200.00 | \$ 35,000.00 | \$ 91,000.00 | \$ 140,000.00 | \$ 182,000.01 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 7.0% | 7.2% | 7.3% | 7.3% | 7.4% |

GST

| | | | | | |
|------------------|--------------|--------------|--------------|--------------|---------------|
| Applied For Bill | \$ 12,322.43 | \$ 23,170.23 | \$ 59,017.46 | \$ 90,734.92 | \$ 117,386.27 |
| Current Bill | \$ 12,347.18 | \$ 23,227.12 | \$ 59,170.77 | \$ 90,984.63 | \$ 117,700.26 |
| \$ Impact | \$ -24.75 | \$ -56.89 | \$ -153.31 | \$ -249.71 | \$ -313.99 |
| % Impact | -0.2% | -0.2% | -0.3% | -0.3% | -0.3% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|---------------|---------------|-----------------|-----------------|-----------------|
| Applied For Bill | \$ 258,770.94 | \$ 486,574.78 | \$ 1,239,366.74 | \$ 1,905,433.25 | \$ 2,465,111.60 |
| Current Bill | \$ 259,290.69 | \$ 487,769.42 | \$ 1,242,586.07 | \$ 1,910,677.24 | \$ 2,471,705.36 |
| \$ Impact | \$ -519.75 | \$ -1,194.64 | \$ -3,219.33 | \$ -5,243.99 | \$ -6,593.76 |
| % Impact | -0.2% | -0.2% | -0.3% | -0.3% | -0.3% |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



Unmetered Scattered Load

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 13.38 | 13.53 |
| Service Charge Rate Adder(s) | \$ | - | - |
| Service Charge Rate Rider(s) | \$ | 1.22 | - |
| Distribution Volumetric Rate | \$/kWh | 0.0092 | 0.0093 |
| Distribution Volumetric Rate Adder(s) | \$/kWh | - | - |
| Low Voltage Volumetric Rate | \$/kWh | - | - |
| Distribution Volumetric Rate Rider(s) | \$/kWh | 0.0003 | 0.0016 |
| Retail Transmission Rate – Network Service Rate | \$/kWh | 0.0055 | 0.0057 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kWh | 0.0045 | 0.0044 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | | | |
|---------------------|------------|------------|--------------------|-----------|
| Consumption | 500 | kWh | 0 | kW |
| RPP Tier One | 750 | kWh | Load Factor | |

Loss Factor 1.0532

| Unmetered Scattered Load | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--------|---------|--------------|--------|---------|--------------|--------------|----------------|-----------------|
| Energy First Tier (kWh) | 527 | 0.0570 | 30.04 | 527 | 0.0570 | 30.04 | 0.00 | 0.0% | 47.74% |
| Energy Second Tier (kWh) | 0 | 0.0660 | 0.00 | 0 | 0.0660 | 0.00 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Energy | | | 30.04 | | | 30.04 | 0.00 | 0.0% | 47.74% |
| Service Charge | 1 | 13.38 | 13.38 | 1 | 13.53 | 13.53 | 0.15 | 1.1% | 21.50% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | 0.00 | 0.0% | 0.00% |
| Service Charge Rate Rider(s) | 1 | 1.22 | 1.22 | 1 | 0.00 | 0.00 | -1.22 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 500 | 0.0092 | 4.60 | 500 | 0.0093 | 4.65 | 0.05 | 1.1% | 7.39% |
| Distribution Volumetric Rate Adder(s) | 500 | 0.0000 | 0.00 | 500 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 500 | 0.0000 | 0.00 | 500 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 500 | 0.0003 | 0.15 | 500 | -0.0016 | -0.80 | -0.95 | (63.3)% | -1.27% |
| Total: Distribution | | | 19.35 | | | 17.38 | -1.97 | (10.2)% | 27.62% |
| Retail Transmission Rate – Network Service Rate | 527 | 0.0055 | 2.90 | 527 | 0.0057 | 3.00 | 0.10 | 3.4% | 4.77% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 527 | 0.0045 | 2.37 | 527 | 0.0044 | 2.32 | -0.05 | (2.1)% | 3.69% |
| Total: Retail Transmission | | | 5.27 | | | 5.32 | 0.05 | 0.9% | 8.46% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 24.62 | | | 22.70 | -1.92 | (7.8)% | 36.08% |
| Wholesale Market Service Rate | 527 | 0.0052 | 2.74 | 527 | 0.0052 | 2.74 | 0.00 | 0.0% | 4.35% |
| Rural Rate Protection Charge | 527 | 0.0013 | 0.69 | 527 | 0.0013 | 0.69 | 0.00 | 0.0% | 1.10% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 0.40% |
| Sub-Total: Regulatory | | | 3.68 | | | 3.68 | 0.00 | 0.0% | 5.85% |
| Debt Retirement Charge (DRC) | 500 | 0.00700 | 3.50 | 500 | 0.00700 | 3.50 | 0.00 | 0.0% | 5.56% |
| Total Bill before Taxes | | | 61.84 | | | 59.92 | -1.92 | (3.1)% | 95.23% |
| GST | 61.84 | 5% | 3.09 | 59.92 | 5% | 3.00 | -0.09 | (2.9)% | 4.77% |
| Total Bill | | | 64.93 | | | 62.92 | -2.01 | (3.1)% | 100.00% |

Rate Class Threshold Test
Unmetered Scattered Load

| | kWh | 500 | 2,000 | 7,500 | 15,000 | 20,000 |
|--------------------------|-----|-----|-------|-------|--------|--------|
| Loss Factor Adjusted kWh | | 527 | 2,107 | 7,900 | 15,799 | 21,065 |
| kW | | | | | | |
| Load Factor | | | | | | |

Energy

| | | | | | |
|------------------|----------|-----------|-----------|-------------|-------------|
| Applied For Bill | \$ 30.04 | \$ 132.31 | \$ 514.65 | \$ 1,035.98 | \$ 1,383.54 |
| Current Bill | \$ 30.04 | \$ 132.31 | \$ 514.65 | \$ 1,035.98 | \$ 1,383.54 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 47.8% | 59.9% | 63.7% | 64.4% | 64.6% |

Distribution

| | | | | | |
|------------------|----------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 17.56 | \$ 28.84 | \$ 70.96 | \$ 128.36 | \$ 166.67 |
| Current Bill | \$ 19.35 | \$ 33.60 | \$ 85.85 | \$ 157.10 | \$ 204.60 |
| \$ Impact | \$ -1.99 | \$ 4.76 | \$ 14.89 | \$ 28.72 | \$ 37.93 |
| % Impact | -10.3% | -14.2% | -17.3% | -18.3% | -18.5% |
| % of Total Bill | 27.6% | 13.1% | 8.8% | 8.0% | 7.8% |

Retail Transmission

| | | | | | |
|------------------|---------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 5.32 | \$ 21.28 | \$ 79.79 | \$ 169.57 | \$ 212.76 |
| Current Bill | \$ 5.27 | \$ 21.07 | \$ 79.00 | \$ 157.99 | \$ 210.65 |
| \$ Impact | \$ 0.05 | \$ 0.21 | \$ 0.79 | \$ 1.58 | \$ 2.11 |
| % Impact | 0.9% | 1.0% | 1.0% | 1.0% | 1.0% |
| % of Total Bill | 8.5% | 9.6% | 9.9% | 9.9% | 9.9% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|----------|----------|-----------|-----------|-----------|
| Applied For Bill | \$ 22.68 | \$ 50.12 | \$ 150.75 | \$ 287.95 | \$ 379.43 |
| Current Bill | \$ 24.62 | \$ 54.67 | \$ 164.85 | \$ 315.09 | \$ 415.25 |
| \$ Impact | \$ -1.94 | \$ 4.55 | \$ 14.10 | \$ 27.14 | \$ 35.82 |
| % Impact | -7.9% | -8.3% | -8.6% | -8.6% | -8.6% |
| % of Total Bill | 36.1% | 22.7% | 18.7% | 17.9% | 17.7% |

Regulatory

| | | | | | |
|------------------|---------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 3.68 | \$ 13.95 | \$ 51.60 | \$ 102.94 | \$ 137.17 |
| Current Bill | \$ 3.68 | \$ 13.95 | \$ 51.60 | \$ 102.94 | \$ 137.17 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 5.9% | 6.3% | 6.4% | 6.4% | 6.4% |

Debt Retirement Charge

| | | | | | |
|------------------|---------|----------|----------|-----------|-----------|
| Applied For Bill | \$ 3.50 | \$ 14.00 | \$ 52.50 | \$ 105.00 | \$ 140.00 |
| Current Bill | \$ 3.50 | \$ 14.00 | \$ 52.50 | \$ 105.00 | \$ 140.00 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 5.6% | 6.3% | 6.5% | 6.5% | 6.5% |

GST

| | | | | | |
|------------------|----------|----------|----------|----------|-----------|
| Applied For Bill | \$ 3.00 | \$ 10.52 | \$ 38.48 | \$ 76.59 | \$ 102.01 |
| Current Bill | \$ 3.09 | \$ 10.75 | \$ 39.18 | \$ 77.95 | \$ 103.80 |
| \$ Impact | \$ -0.09 | \$ 0.23 | \$ 0.70 | \$ 1.36 | \$ 1.79 |
| % Impact | -2.9% | -2.1% | -1.8% | -1.7% | -1.7% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|----------|-----------|-----------|-------------|-------------|
| Applied For Bill | \$ 62.90 | \$ 220.90 | \$ 807.98 | \$ 1,608.46 | \$ 2,142.15 |
| Current Bill | \$ 64.93 | \$ 225.68 | \$ 822.78 | \$ 1,636.96 | \$ 2,179.76 |
| \$ Impact | \$ -2.03 | \$ 4.78 | \$ 14.80 | \$ 28.50 | \$ 37.61 |
| % Impact | -3.1% | -2.1% | -1.8% | -1.7% | -1.7% |

Rounding Applied #####



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



Sentinel Lighting

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 1.92 | 2.64 |
| Service Charge Rate Adder(s) | \$ | | |
| Service Charge Rate Rider(s) | \$ | 0.52 | |
| Distribution Volumetric Rate | \$/kW | 4.3998 | 6.0606 |
| Distribution Volumetric Rate Adder(s) | \$/kW | | |
| Low Voltage Volumetric Rate | \$/kW | | |
| Distribution Volumetric Rate Rider(s) | \$/kW | 0.5792 | 1.0008 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.7627 | 1.8244 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4232 | 1.3919 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | |
|---------------------|----------------|--------------------------|
| Consumption | 135 kWh | 0.30 kW |
| RPP Tier One | 750 kWh | Load Factor 61.7% |

Loss Factor 1.0532

| Sentinel Lighting | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--------|---------|--------------|--------|---------|--------------|-------------|-------------|-----------------|
| Energy First Tier (kWh) | 143 | 0.0570 | 8.15 | 143 | 0.0570 | 8.15 | 0.00 | 0.0% | 50.37% |
| Energy Second Tier (kWh) | 0 | 0.0660 | 0.00 | 0 | 0.0660 | 0.00 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Energy | | | 8.15 | | | 8.15 | 0.00 | 0.0% | 50.37% |
| Service Charge | 1 | 1.92 | 1.92 | 1 | 2.64 | 2.64 | 0.72 | 37.5% | 16.32% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | 0.00 | 0.0% | 0.00% |
| Service Charge Rate Rider(s) | 1 | 0.52 | 0.52 | 1 | 0.00 | 0.00 | -0.52 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 0.30 | 4.3998 | 1.32 | 0.30 | 6.0606 | 1.82 | 0.50 | 37.9% | 11.25% |
| Distribution Volumetric Rate Adder(s) | 0.30 | 0.0000 | 0.00 | 0.30 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 0.30 | 0.0000 | 0.00 | 0.30 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 0.30 | 0.5792 | 0.17 | 0.30 | -1.0008 | -0.30 | -0.47 | (276.5)% | -1.85% |
| Total: Distribution | | | 3.93 | | | 4.16 | 0.23 | 5.9% | 25.71% |
| Retail Transmission Rate – Network Service Rate | 0.30 | 1.7627 | 0.53 | 0.30 | 1.8244 | 0.55 | 0.02 | 3.8% | 3.40% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 0.30 | 1.4232 | 0.43 | 0.30 | 1.3919 | 0.42 | -0.01 | (2.3)% | 2.60% |
| Total: Retail Transmission | | | 0.96 | | | 0.97 | 0.01 | 1.0% | 6.00% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 4.89 | | | 5.13 | 0.24 | 4.9% | 31.71% |
| Wholesale Market Service Rate | 143 | 0.0052 | 0.74 | 143 | 0.0052 | 0.74 | 0.00 | 0.0% | 4.57% |
| Rural Rate Protection Charge | 143 | 0.0013 | 0.19 | 143 | 0.0013 | 0.19 | 0.00 | 0.0% | 1.17% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 1.55% |
| Sub-Total: Regulatory | | | 1.18 | | | 1.18 | 0.00 | 0.0% | 7.29% |
| Debt Retirement Charge (DRC) | 135 | 0.00700 | 0.95 | 135 | 0.00700 | 0.95 | 0.00 | 0.0% | 5.87% |
| Total Bill before Taxes | | | 15.17 | | | 15.41 | 0.24 | 1.6% | 95.24% |
| GST | 15.17 | 5% | 0.76 | 15.41 | 5% | 0.77 | 0.01 | 1.3% | 4.76% |
| Total Bill | | | 15.93 | | | 16.18 | 0.25 | 1.6% | 100.00% |

Rate Class Threshold Test

Sentinel Lighting

| | | | | | | |
|--------------------------|-----|-------|-------|-------|-------|-------|
| | kWh | 70 | 130 | 180 | 270 | 360 |
| Loss Factor Adjusted kWh | | 74 | 137 | 190 | 285 | 380 |
| | kW | 0.20 | 0.35 | 0.50 | 0.75 | 1.00 |
| Load Factor | | 48.0% | 50.9% | 49.3% | 49.3% | 49.3% |

Energy

| | | | | | |
|------------------|---------|---------|----------|----------|----------|
| Applied For Bill | \$ 4.22 | \$ 7.81 | \$ 10.83 | \$ 16.25 | \$ 21.66 |
| Current Bill | \$ 4.22 | \$ 7.81 | \$ 10.83 | \$ 16.25 | \$ 21.66 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 41.3% | 48.3% | 50.7% | 53.2% | 54.6% |

Distribution

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 3.65 | \$ 4.41 | \$ 5.17 | \$ 6.44 | \$ 7.70 |
| Current Bill | \$ 3.44 | \$ 4.18 | \$ 4.93 | \$ 6.17 | \$ 7.42 |
| \$ Impact | \$ 0.21 | \$ 0.23 | \$ 0.24 | \$ 0.27 | \$ 0.28 |
| % Impact | 6.1% | 5.5% | 4.9% | 4.4% | 3.8% |
| % of Total Bill | 35.7% | 27.3% | 24.2% | 21.1% | 19.4% |

Retail Transmission

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.64 | \$ 1.13 | \$ 1.61 | \$ 2.41 | \$ 3.21 |
| Current Bill | \$ 0.63 | \$ 1.12 | \$ 1.59 | \$ 2.39 | \$ 3.18 |
| \$ Impact | \$ 0.01 | \$ 0.01 | \$ 0.02 | \$ 0.02 | \$ 0.03 |
| % Impact | 1.6% | 0.9% | 1.3% | 0.8% | 0.9% |
| % of Total Bill | 6.3% | 7.0% | 7.5% | 7.9% | 8.1% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|---------|---------|---------|---------|----------|
| Applied For Bill | \$ 4.29 | \$ 5.54 | \$ 6.78 | \$ 8.85 | \$ 10.91 |
| Current Bill | \$ 3.55 | \$ 4.78 | \$ 6.00 | \$ 8.04 | \$ 10.08 |
| \$ Impact | \$ 0.74 | \$ 0.76 | \$ 0.78 | \$ 0.81 | \$ 0.83 |
| % Impact | 20.8% | 15.9% | 13.0% | 10.1% | 8.2% |
| % of Total Bill | 42.0% | 34.3% | 31.7% | 29.0% | 27.5% |

Regulatory

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.73 | \$ 1.14 | \$ 1.49 | \$ 2.10 | \$ 2.72 |
| Current Bill | \$ 0.73 | \$ 1.14 | \$ 1.49 | \$ 2.10 | \$ 2.72 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 7.1% | 7.1% | 7.0% | 6.9% | 6.9% |

Debt Retirement Charge

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.49 | \$ 0.91 | \$ 1.26 | \$ 1.89 | \$ 2.52 |
| Current Bill | \$ 0.49 | \$ 0.91 | \$ 1.26 | \$ 1.89 | \$ 2.52 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 4.8% | 5.6% | 5.9% | 6.2% | 6.3% |

GST

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.49 | \$ 0.77 | \$ 1.02 | \$ 1.45 | \$ 1.89 |
| Current Bill | \$ 0.45 | \$ 0.73 | \$ 0.98 | \$ 1.41 | \$ 1.85 |
| \$ Impact | \$ 0.04 | \$ 0.04 | \$ 0.04 | \$ 0.04 | \$ 0.04 |
| % Impact | 8.9% | 5.5% | 4.1% | 2.8% | 2.2% |
| % of Total Bill | 4.8% | 4.8% | 4.8% | 4.7% | 4.6% |

Total Bill

| | | | | | |
|------------------|----------|----------|----------|----------|----------|
| Applied For Bill | \$ 10.22 | \$ 16.17 | \$ 21.38 | \$ 30.54 | \$ 39.70 |
| Current Bill | \$ 9.44 | \$ 15.37 | \$ 20.56 | \$ 29.69 | \$ 38.83 |
| \$ Impact | \$ 0.78 | \$ 0.80 | \$ 0.82 | \$ 0.85 | \$ 0.87 |
| % Impact | 8.3% | 5.2% | 4.0% | 2.9% | 2.2% |



Name of LDC: Welland Hydro-Electric System Corp.
 File Number: EB-2009-0252
 Effective Date: Saturday, May 01, 2010

Calculation of Bill Impacts



Street Lighting

| Monthly Rates and Charges | Metric | Current Rate | Applied For Rate |
|--|--------|--------------|------------------|
| Service Charge | \$ | 1.37 | 2.52 |
| Service Charge Rate Adder(s) | \$ | | |
| Service Charge Rate Rider(s) | \$ | 0.40 | |
| Distribution Volumetric Rate | \$/kW | 5.8705 | 10.7925 |
| Distribution Volumetric Rate Adder(s) | \$/kW | | |
| Low Voltage Volumetric Rate | \$/kW | | |
| Distribution Volumetric Rate Rider(s) | \$/kW | 1.1908 | 0.6782 |
| Retail Transmission Rate – Network Service Rate | \$/kW | 1.7588 | 1.8204 |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | \$/kW | 1.4201 | 1.3889 |
| Wholesale Market Service Rate | \$/kWh | 0.0052 | 0.0052 |
| Rural Rate Protection Charge | \$/kWh | 0.0013 | 0.0013 |
| Standard Supply Service – Administration Charge (if applicable) | \$/kWh | 0.25 | 0.25 |

| | | | | |
|---------------------|------------|------------|--------------------|--------------|
| Consumption | 63 | kWh | 0.17 | kW |
| RPP Tier One | 750 | kWh | Load Factor | 50.8% |

Loss Factor 1.0532

| Street Lighting | Volume | RATE \$ | CHARGE \$ | Volume | RATE \$ | CHARGE \$ | \$ | % | % of Total Bill |
|--|--------|---------|-------------|--------|---------|--------------|-------------|----------------|-----------------|
| Energy First Tier (kWh) | 67 | 0.0570 | 3.82 | 67 | 0.0570 | 3.82 | 0.00 | 0.0% | 37.38% |
| Energy Second Tier (kWh) | 0 | 0.0660 | 0.00 | 0 | 0.0660 | 0.00 | 0.00 | 0.0% | 0.00% |
| Sub-Total: Energy | | | 3.82 | | | 3.82 | 0.00 | 0.0% | 37.38% |
| Service Charge | 1 | 1.37 | 1.37 | 1 | 2.52 | 2.52 | 1.15 | 83.9% | 24.66% |
| Service Charge Rate Adder(s) | 1 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | 0.00 | 0.0% | 0.00% |
| Service Charge Rate Rider(s) | 1 | 0.40 | 0.40 | 1 | 0.00 | 0.00 | -0.40 | (100.0)% | 0.00% |
| Distribution Volumetric Rate | 0.17 | 5.8705 | 1.00 | 0.17 | 10.7925 | 1.83 | 0.83 | 83.0% | 17.91% |
| Distribution Volumetric Rate Adder(s) | 0.17 | 0.0000 | 0.00 | 0.17 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Low Voltage Volumetric Rate | 0.17 | 0.0000 | 0.00 | 0.17 | 0.0000 | 0.00 | 0.00 | 0.0% | 0.00% |
| Distribution Volumetric Rate Rider(s) | 0.17 | 1.1908 | 0.20 | 0.17 | -0.6782 | -0.12 | -0.32 | (160.0)% | -1.17% |
| Total: Distribution | | | 2.97 | | | 4.23 | 1.26 | (42.4)% | 41.39% |
| Retail Transmission Rate – Network Service Rate | 0.17 | 1.7588 | 0.30 | 0.17 | 1.8204 | 0.31 | 0.01 | 3.3% | 3.03% |
| Retail Transmission Rate – Line and Transformation Connection Service Rate | 0.17 | 1.4201 | 0.24 | 0.17 | 1.3889 | 0.24 | 0.00 | 0.0% | 2.35% |
| Total: Retail Transmission | | | 0.54 | | | 0.55 | 0.01 | 1.9% | 5.38% |
| Sub-Total: Delivery (Distribution and Retail Transmission) | | | 3.51 | | | 4.78 | 1.27 | 36.2% | 46.77% |
| Wholesale Market Service Rate | 67 | 0.0052 | 0.35 | 67 | 0.0052 | 0.35 | 0.00 | 0.0% | 3.42% |
| Rural Rate Protection Charge | 67 | 0.0013 | 0.09 | 67 | 0.0013 | 0.09 | 0.00 | 0.0% | 0.88% |
| Standard Supply Service – Administration Charge (if applicable) | 1 | 0.25 | 0.25 | 1 | 0.25 | 0.25 | 0.00 | 0.0% | 2.45% |
| Sub-Total: Regulatory | | | 0.69 | | | 0.69 | 0.00 | 0.0% | 6.75% |
| Debt Retirement Charge (DRC) | 63 | 0.00700 | 0.44 | 63 | 0.00700 | 0.44 | 0.00 | 0.0% | 4.31% |
| Total Bill before Taxes | | | 8.46 | | | 9.73 | 1.27 | 15.0% | 95.21% |
| GST | 8.46 | 5% | 0.42 | 9.73 | 5% | 0.49 | 0.07 | 16.7% | 4.79% |
| Total Bill | | | 8.88 | | | 10.22 | 1.34 | 15.1% | 100.00% |

Rate Class Threshold Test
Street Lighting

| | | | | | | |
|--------------------------|-----|-------|-------|-------|-------|-------|
| | kWh | 37 | 73 | 110 | 146 | 183 |
| Loss Factor Adjusted kWh | | 39 | 77 | 116 | 154 | 193 |
| | kW | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 |
| Load Factor | | 50.7% | 50.0% | 50.3% | 50.0% | 50.2% |

Energy

| | | | | | |
|------------------|---------|---------|---------|---------|----------|
| Applied For Bill | \$ 2.22 | \$ 4.39 | \$ 6.61 | \$ 8.78 | \$ 11.00 |
| Current Bill | \$ 2.22 | \$ 4.39 | \$ 6.61 | \$ 8.78 | \$ 11.00 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 31.0% | 38.6% | 42.2% | 44.2% | 45.6% |

Distribution

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 3.53 | \$ 4.54 | \$ 5.56 | \$ 6.57 | \$ 7.58 |
| Current Bill | \$ 2.48 | \$ 3.18 | \$ 3.89 | \$ 4.60 | \$ 5.31 |
| \$ Impact | \$ 1.05 | \$ 1.36 | \$ 1.67 | \$ 1.97 | \$ 2.27 |
| % Impact | 42.3% | 42.8% | 42.9% | 42.8% | 42.7% |
| % of Total Bill | 49.2% | 39.9% | 35.5% | 33.1% | 31.4% |

Retail Transmission

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.32 | \$ 0.64 | \$ 0.97 | \$ 1.29 | \$ 1.60 |
| Current Bill | \$ 0.32 | \$ 0.63 | \$ 0.96 | \$ 1.27 | \$ 1.59 |
| \$ Impact | \$ - | \$ 0.01 | \$ 0.01 | \$ 0.02 | \$ 0.01 |
| % Impact | 0.0% | 1.6% | 1.0% | 1.6% | 0.6% |
| % of Total Bill | 4.5% | 5.6% | 6.2% | 6.5% | 6.6% |

Delivery (Distribution and Retail Transmission)

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 3.85 | \$ 5.18 | \$ 6.53 | \$ 7.86 | \$ 9.18 |
| Current Bill | \$ 2.40 | \$ 3.41 | \$ 4.45 | \$ 5.47 | \$ 6.50 |
| \$ Impact | \$ 1.45 | \$ 1.77 | \$ 2.08 | \$ 2.39 | \$ 2.68 |
| % Impact | 60.4% | 51.9% | 46.7% | 43.7% | 41.2% |
| % of Total Bill | 53.7% | 45.6% | 41.7% | 39.6% | 38.1% |

Regulatory

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.50 | \$ 0.75 | \$ 1.00 | \$ 1.25 | \$ 1.50 |
| Current Bill | \$ 0.50 | \$ 0.75 | \$ 1.00 | \$ 1.25 | \$ 1.50 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 7.0% | 6.6% | 6.4% | 6.3% | 6.2% |

Debt Retirement Charge

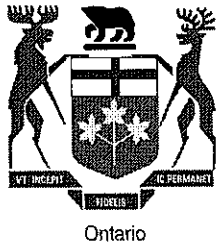
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|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.26 | \$ 0.51 | \$ 0.77 | \$ 1.02 | \$ 1.28 |
| Current Bill | \$ 0.26 | \$ 0.51 | \$ 0.77 | \$ 1.02 | \$ 1.28 |
| \$ Impact | \$ - | \$ - | \$ - | \$ - | \$ - |
| % Impact | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| % of Total Bill | 3.6% | 4.5% | 4.9% | 5.1% | 5.3% |

GST

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Applied For Bill | \$ 0.34 | \$ 0.54 | \$ 0.75 | \$ 0.95 | \$ 1.15 |
| Current Bill | \$ 0.27 | \$ 0.45 | \$ 0.64 | \$ 0.83 | \$ 1.01 |
| \$ Impact | \$ 0.07 | \$ 0.09 | \$ 0.11 | \$ 0.12 | \$ 0.14 |
| % Impact | 25.9% | 20.0% | 17.2% | 14.5% | 13.9% |
| % of Total Bill | 4.7% | 4.7% | 4.8% | 4.8% | 4.8% |

Total Bill

| | | | | | |
|------------------|---------|----------|----------|----------|----------|
| Applied For Bill | \$ 7.17 | \$ 11.37 | \$ 15.66 | \$ 19.86 | \$ 24.11 |
| Current Bill | \$ 5.65 | \$ 9.51 | \$ 13.47 | \$ 17.35 | \$ 21.29 |
| \$ Impact | \$ 1.52 | \$ 1.86 | \$ 2.19 | \$ 2.51 | \$ 2.82 |
| % Impact | 26.9% | 19.6% | 16.3% | 14.5% | 13.2% |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current and Applied For Allowances

| Allowances | Metric | Current |
|---|--------|---------|
| Transformer Allowance for Ownership - per kW of billing demand/month | \$/kW | (0.70) |
| Primary Metering Allowance for transformer losses - applied to measured demand and energy | % | (1.00) |
| | \$/kW | |



Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current and Applied For Specific Service Charges

| Customer Administration | Metric | Current |
|---|--------|---------|
| Arrears certificate | \$ | 15.00 |
| Statement of account | \$ | 15.00 |
| Request for other billing information | \$ | 15.00 |
| Easement letter | \$ | 15.00 |
| Account history | \$ | 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 if applicable) | \$ | 30.00 |
| Special meter reads | \$ | 30.00 |
| Meter dispute charge plus Measurement Canada fees (if meter found correct) | \$ | 30.00 |
| | \$ | |
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| Non-Payment of Account | Metric | Current |
|--|--------|---------|
| Late Payment - per month | % | 1.50 |
| Late Payment - per annum | % | 19.56 |
| Disconnect/Reconnect at meter - during regular hours | \$ | 65.00 |
| Disconnect/Reconnect at meter - after regular hours | \$ | 185.00 |
| | \$ | |
| | \$ | |
| | \$ | |
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| | \$ | |
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\$

| Other | Metric | Current |
|--|--------|---------|
| Install/Remove load control device - during regular hours | \$ | 65.00 |
| Specific Charge for Access to the Power Poles \$/pole/year | \$ | 22.35 |
| Meter upgrade requested by customer plus installation - per month plus installation on a time and materials basis. | \$ | 10.00 |
| | \$ | |
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Name of LDC: Welland Hydro-Electric System Corp.
File Number: EB-2009-0252
Effective Date: Saturday, May 01, 2010

Current and Applied For Retail Service Charges

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