Ontario Energy Board Commission de l'énergie de l'Ontario



EB-2009-0260

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

**AND IN THE MATTER OF** an application by Cambridge and North Dumfries Hydro Inc. for an order approving just and reasonable rates and other charges for electricity distribution to be effective May 1, 2010.

BEFORE: Gordon Kaiser Vice-Chair and Presiding Member

### **DECISION ON PARTIAL SETTLEMENT**

#### Background

Cambridge and North Dumfries Hydro Inc. ("C&ND Hydro") owns and operates the electricity distribution system in its licensed service area in the City of Cambridge and the Township of North Dumfries. C&ND Hydro serves approximately 50,000 Residential, General Service, Large User, Street Light and Unmetered Scattered Load customers and connections. C&ND Hydro also provides Low Voltage facilities to Hydro One Networks Inc. and Waterloo North Hydro Inc.

C&ND Hydro filed an application (the "Application") with the Ontario Energy Board (the "Board") on August 31, 2009 under section 78 of the *Ontario Energy Board Act, 1998,* S.O. 1998, c. 15, (Schedule B), seeking approval for changes to the rates that C&ND Hydro charges for electricity distribution, to be effective May 1, 2010. The Board assigned the File Number EB-2009-0260 to the Application. Three parties requested and were granted intervenor status: Energy Probe ("EP"), the School Energy Coalition

("Schools"), and the Vulnerable Energy Consumers Coalition ("VECC"). No letters of comment were received regarding the Application.

The Board issued Procedural Order No. 1 on October 23, 2009. Board staff filed interrogatories on November 5, 2009, and all registered intervenors filed interrogatories by November 9, 2009. C&ND Hydro filed responses to interrogatories on November 30, 2009.

The Board issued Procedural Order No. 2 on December 14, 2009. That Procedural Order provided for supplemental interrogatories and a Settlement Conference. C&ND Hydro responded to supplemental interrogatories from Board staff and certain of the intervenors on January 13, 2010. The evidence in this proceeding (referred to herein as the "Evidence") consists of the Application and C&ND Hydro's responses to both the initial and supplemental rounds of interrogatories.

The Settlement Conference was conducted on January 20, 2010, at the Board's offices. Representatives of the Applicant and intervenors (EP, Schools and VECC) participated in the Settlement Conference, and Board staff participated in accordance with their role as set out in the Board's Settlement Conference Guidelines.

#### Partial Settlement

On February 10, 2010, C&ND Hydro filed a proposed partial Settlement Agreement (the "Partial Agreement") with the Board. C&ND Hydro, EP, Schools and VECC are parties (collectively, the "Parties") to the proposed Partial Agreement.

On February 17, 2010, C&ND Hydro filed a revised partial Settlement Agreement (the "Revised Partial Agreement"). The Revised Partial Agreement included corrections for an overstatement of the estimated 2010 PILs allowance by \$27,117. The Revised Partial Agreement is included as Appendix A to this Decision. The Revised Partial Agreement represents a comprehensive settlement of most issues, but also documents issues for which settlement was not attained. The Parties agreed that unsettled issues should be dealt with by way of written submissions.

#### **Non-settled Issues**

The issues for which settlement was not attained are summarized as follows:

#### • Rate Base:

- The appropriate treatment of Ontario's shift to a Harmonized Sales Tax, planned for implementation effective July 1, 2010, with respect to both capital expenditures and Operating Costs; and
- The appropriateness of a lead-lag study being required for C&ND Hydro's next cost of service application.

#### • Operating Revenue:

- The appropriateness of C&ND Hydro's load forecast, including the impact of CDM initiatives, for the 2010 Test Year; and
- The appropriate treatment for rate making purposes of C&ND Hydro's forecast reduction in a shared services-related revenue offset of \$440,000 the offset will be reduced to \$330,000 in the 2010 Test Year and to \$0 in each year of the IRM period as C&ND Hydro will no longer be providing those services.

#### • Operating Costs:

The Parties agree that C&ND Hydro will incur an OM&A expenditure in the 2010 Test Year in the amount of \$42,500 related to C&ND Hydro's change to monthly billing as part of the implementation of its new CIS system in November 2010. The Parties agree that C&ND Hydro's annual costs related to this change during the IRM period will be \$312,000. The submissions will address the question of whether the appropriate amount for inclusion in C&ND Hydro's 2010 Revenue Requirement should be \$42,500 or a "normalized" value of the 2010-2013 expenditure of \$244,625 (representing \$42,500 for 2010 plus three years at \$312,000).

#### • Cost of Capital and Capital Structure:

- The percentage of C&ND Hydro's regulated capital structure that should be made up of short-term debt; and
- The appropriate allowed Return on Equity.

#### • Deferral and Variance Accounts:

 Board staff has inquired as to whether C&ND Hydro's billing system is capable of assigning the balance in the Account 1588 RSVA Power Account

 Global Adjustment Sub-Account only to non-RPP customers. The Parties take no position in this regard, although C&ND Hydro notes that its billing system is not capable of creating distinctions among members of the same class with respect to rate riders. The Parties mentioned this matter in order to ensure that Board staff will have an opportunity to comment on it in the submissions that will follow the Board's approval of this Revised Partial Agreement. However, this should be considered a severable issue, in that the Board's determination of this matter will not affect the settlement among the Parties.

Further description of the unsettled issues is contained in Attachment A of the Revised Partial Agreement.

#### Findings

On those matters for which settlement was reached by the parties, the Board accepts the Revised Partial Agreement as filed by the Parties on February 17, 2010. The Board reminds parties that elements of a settlement agreement do not create a precedent for the Board.

#### **Next Steps**

The Board will hear submissions on the unsettled issues, as documented in Attachment A of the Revised Partial Agreement, and intends to do so by way of written submissions.

In Procedural Order No. 3, issued Thursday, February 4, 2010, and Procedural Order No. 4, issued February 10, 2010, the Board established the following dates with respect to submissions:

- C&ND Hydro's Argument-in-Chief on unsettled issues is to be filed by February 19, 2010;
- Board Staff and intervenor submissions are to be filed by February 26, 2010; and
- C&ND Hydro's reply argument is to be filed by March 5, 2010.

The Board confirms the schedule for written Argument-in-Chief, submissions and reply submissions as documented in Procedural Order Nos. 3 and 4.

DATED at Toronto, February 18, 2010

### ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli Board Secretary

### **APPENDIX A**

Settlement Agreement (Revised February 17, 2010)

Cambridge and North Dumfries Hydro Inc. EB-2009-0260

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

**AND IN THE MATTER OF** an application by Cambridge and North Dumfries Hydro Inc. for an order approving just and reasonable rates and other charges for electricity distribution to be effective May 1, 2010.

#### SETTLEMENT AGREEMENT

#### FILED FEBRUARY 10, 2010 UPDATED FEBRUARY 17, 2010

#### **INTRODUCTION:**

Cambridge and North Dumfries Hydro Inc. ("CND") owns and operates the electricity distribution system in its licensed service area in the City of Cambridge and the Township of North Dumfries. CND serves approximately 50,000 Residential, General Service, Large User, Street Light and Unmetered Scattered Load customers and connections. CND also provides Low Voltage facilities to Hydro One Networks Inc. and Waterloo North Hydro Inc.

CND filed an application (the "Application") with the Ontario Energy Board (the "Board") on August 31, 2009 under section 78 of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, (Schedule B), seeking approval for changes to the rates that CND charges for electricity distribution, to be effective May 1, 2010. The Board assigned the File Number EB-2009-0260 to the Application. Three parties requested and were granted intervenor status: Energy Probe ("EP"), the School Energy Coalition ("Schools"), and the Vulnerable Energy Consumers Coalition ("VECC").

The Board issued Procedural Order No. 1 on October 23, 2009. Board staff filed interrogatories on November 5, 2009, and all registered intervenors filed interrogatories by November 9, 2009. CND filed responses to interrogatories on November 30, 2009. The Board issued Procedural Order No. 2 on December 14, 2009. That Procedural Order provided for supplemental interrogatories and a Settlement Conference. CND responded to supplemental interrogatories from Board staff and certain of the intervenors on January 13, 2010. The evidence in this proceeding (referred to herein as the "Evidence") consists of the Application and CND's responses to both the initial and supplemental rounds of interrogatories.

The Settlement Conference was conducted on January 20, 2010, at the Board's offices, with Kenneth Rosenberg acting as facilitator. Representatives of the Applicant and intervenors (Energy Probe, the School Energy Coalition and the Vulnerable Energy Consumers Coalition) participated in the Settlement Conference, and Board staff participated in accordance with their role as set out in the Board's Settlement Conference Guidelines.

#### A PARTIAL SETTLEMENT HAS BEEN REACHED IN THIS PROCEEDING:

The parties are pleased to advise the Board that a partial settlement has been reached in this proceeding. This document comprises the Settlement Agreement, and it is presented jointly by CND and the intervenors (collectively referred to as the "Parties"). It identifies both settled and unsettled matters, and contains such references to the Evidence as necessary to assist the Board in understanding and approving the Settlement Agreement. The Parties confirm that the Evidence filed to date in respect of the settled or partially settled issues, as supplemented in some instances by additional information recorded in this Settlement Agreement, supports the settlement or partial settlement of the matters identified in this Settlement Agreement. In addition, the supporting parties agree that the Evidence, supplemented where necessary by the additional information appended to this Settlement Agreement contains sufficient detail, rationale and quality of information to allow the Board to make findings in keeping with the settlement reached by the Parties.

The Parties explicitly request that the Board consider and accept this Settlement Agreement as a package. None of the matters in respect of which a settlement has been reached is severable. Numerous compromises were made by the parties with respect to various matters to arrive at this comprehensive Settlement Agreement. The distinct issues addressed in this proposal are intricately interrelated, and reductions or increases to the agreed-upon amounts may have financial consequences in other areas of this proposal which may be unacceptable to one or more of the Parties. If the Board does not, prior to the filing of written submissions in respect of the unsettled matters, accept the Settlement Agreement in its entirety, then there is no settlement, unless the Parties agree that those portions of the Settlement Agreement that the Board does accept may continue as a valid settlement.

This having been said, Board Staff have requested that one matter be addressed with the Board pertaining to Account 1588 – Cost of Power – and more particularly, to the manner in which any balance in the Global Adjustment sub-account should be cleared. This is not a matter that is at issue for the parties, and the Board's determination with respect to this matter will not affect the settlement.

The parties agree that all positions, information, documents, negotiations and discussion of any kind whatsoever which took place or were exchanged during the settlement conference are strictly confidential and without prejudice, and inadmissible unless relevant to the resolution of any ambiguity that subsequently arises with respect to the interpretation of any provision of this settlement proposal. Unless stated otherwise, the settlement of any particular issue in this proceeding and the positions of the parties in this settlement proposal are without prejudice to the rights of parties to raise the same issue and/or to take any position thereon in any other proceedings. It is further acknowledged and agreed that none of the Parties will withdraw from this Agreement under any circumstances, except as provided under Rule 32.05 of the Board's *Rules of Practice and Procedure*.

This Settlement Agreement provides a brief description of each of the settled, partially settled and unsettled issues, together with references to the Evidence and additional supporting material as necessary. The Parties agree that the proposed settlement achieves the Board's objectives of protecting the interests of consumers with respect to prices and the adequacy, reliability and quality of electricity service, promoting economic efficiency and cost effectiveness in the distribution of electricity, and facilitating the maintenance of the financial viability of CND. The Parties also agree that while CND has filed budgets for the Test Year that are illustrative of how it would achieve these goals, as is always the case with forward test year cost of service cases, the actual decisions as to how to allocate resources, and in what areas to spend the agreed-upon capital and OM&A, are ones that must be made by the utility during the course of the year.

Because this is a partial settlement, and certain matters that will be the subject of written submissions will have an impact on CND's final 2010 rates, the Parties have not appended a revised Schedule of Rates and Charges to this Settlement Agreement.

#### ORGANIZATION AND SUMMARY OF THE SETTLEMENT PROPOSAL:

There is no approved Issues List for this proceeding. However, for the purposes of organizing this Settlement Agreement, the Parties have followed the Board's Filing Guidelines that address all of the revenue requirement components, load forecast, deferral and variance account dispositions, cost allocation and rate design and other issues relevant to determining CND's 2010 distribution rates and rate riders.

A list of the unsettled matters, which the Parties request be disposed of by way of written submissions, accompanies this Settlement Agreement as Attachment A. For the Board's assistance, those seven unsettled matters (and one matter raised by Board staff) may be summarized as follows:

#### • Rate Base:

- the appropriate treatment of Ontario's shift to a Harmonized Sales Tax, planned for implementation effective July 1, 2010, with respect to both capital expenditures and Operating Costs; and
- the appropriateness of a lead-lag study being required for CND's next cost of service application.
- Operating Revenue:
  - the appropriateness of CND's load forecast, including the impact of CDM initiatives, for the 2010 Test Year.
  - The appropriate treatment for rate making purposes of CND's forecast reduction in a shared services-related revenue offset of \$440,000 the offset

will be reduced to \$330,000 in the 2010 Test Year and to \$0 in each year of the IRM period as CND will no longer be providing those services.

#### • Operating Costs:

 The Parties agree that CND will incur an OM&A expenditure in the 2010 Test Year in the amount of \$42,500 related to CND's change to monthly billing as part of the implementation of its new CIS system in November 2010. The Parties agree that CND's annual costs related to this change during the IRM period will be \$312,000. The submissions will address the question of whether the appropriate amount for inclusion in CND's 2010 Revenue Requirement should be \$42,500 or a "normalized" value of the 2010-2013 expenditure of \$244,625 (representing \$42,500 for 2010 plus three years at \$312,000).

#### • Cost of Capital and Capital Structure:

- The percentage of CND's regulated capital structure that should be made up of short-term debt.
- The appropriate allowed Return on Equity.

#### • Deferral and Variance Accounts:

 Board Staff have inquired as to whether CND's billing system is capable of assigning the balance in the Account 1588 RSVA Power Account – Global Adjustment Sub-Account only to non-RPP customers. The Parties take no position in this regard, although CND notes that its billing system is not capable of creating distinctions among members of the same class with respect to rate riders. The parties mention this matter in order to ensure that Board staff will have an opportunity to comment on it in the submissions that will follow the Board's approval of this Settlement Agreement. However, this should be considered a severable issue, in that the Board's determination of this matter will not affect the settlement among the Parties.

A calculation of CND's proposed Revenue Requirement resulting from this Settlement Agreement accompanies this Settlement Agreement as Attachment D.

The following attachments accompany this Settlement Agreement:

- Attachment A: List of Unsettled Matters
- Attachment B: Updated Fixed Asset Continuity Schedule
- Attachment C: Updated Cost of Power calculation

Attachment D:	Updated Revenue Requirement/Revenue Deficiency Calculation
Attachment E:	Updated OM&A calculation
Attachment F:	Updated Tax calculation

- Attachment G: Updated Weighted Average Cost of Debt Calculation
- Attachment H: Bill Impacts

### **NEXT STEPS:**

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In Procedural Order No. 3, issued Thursday, February 4, 2010, and Procedural Order No.4, issued February 10, 2010, the Board established the following dates with respect to this Settlement Agreement and final submissions:

- The Settlement Agreement is to be filed by February 10, 2010;
- CND's argument-in-chief on unsettled issues is to be filed by February 19, 2010;
- Board Staff and intervenor submissions are to be filed by February 26, 2010; and
- CND's reply argument is to be filed by March 5, 2010.

The Parties propose that the Board first consider and approve this Settlement Agreement prior to the filing of any written submissions.

#### OUTLINE OF THE SETTLEMENT BY CATEGORY:

As noted above, there is no approved Issues List for this proceeding, however, for the purposes of organizing this Settlement Agreement, the categories in the filing guidelines have been utilized.

#### 1. ADMINISTRATION

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### a. Has CND responded appropriately to all relevant Board directions from previous proceedings?

#### Status: Complete Settlement

The Parties agree that there are no relevant Board directions from previous proceedings.

#### 2. RATE BASE (Exhibit 2)

# a. Are CND's asset condition, economic and business planning assumptions appropriate? (Also Exh.4)

#### Status: Complete Settlement

The Parties agree that CND's asset condition, economic and business planning assumptions are appropriate for the 2010 test year.

**Evidence References:** Application and CND interrogatory responses.

#### b. Are the amounts proposed for the Rate Base appropriate?

#### Status: Partial Settlement

The Parties agree that the amounts proposed for CND's Rate Base are appropriate, subject to the following adjustments:

o The Parties agree that CND will update its 2009 capital additions to reflect changes noted in CND's response to Energy Probe interrogatory #54(c) and apply a full year depreciation in 2009, consistent with CND's past practice, to these capital additions. This results in a decrease in 2009 capital expenditures in the amount of \$1,137,000. Depreciation for 2010 will be based on the half year rule for capital additions in 2010. The value of 2010 net depreciation is (\$6,384,985). The accumulated depreciation is shown in the updated Fixed Asset Continuity Schedules provided as Attachment B to this Settlement Agreement.

#### Unsettled Issues: Rate Base

The Parties agree that the following matter related to Rate Base will be the subject of written submissions:

 the appropriate treatment of Ontario's shift to a Harmonized Sales Tax, planned for implementation effective July 1, 2010, with respect to both capital expenditures and Operating Costs.

Evidence References: Exhibit 2, Table 1

Appendix B

# c. Has the Working Capital Allowance been determined appropriately? (Also Ex. 6)

#### Status: Complete Settlement

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The Parties agree that the amount proposed for CND's Working Capital Allowance is appropriate, subject to the following adjustments:

- CND will use the current (October 15, 2009 RPP report) RPP and non-RPP figures in the cost of power component of the Working Capital Allowance calculation using the shares provided in Energy Probe interrogatory #14(d); and
- CND will incorporate the changes in controllable costs set out in its discussion of changes to OM&A, below, resulting from this settlement.

#### Unsettled Issue: Working Capital

The Parties agree that the following matter related to Working Capital will be the subject of written submissions:

 the appropriateness of a lead-lag study being required for CND's next cost of service application.

The following tables summarize the adjustments to rate base and working capital for rate making purposes resulting from this settlement:

Description	Amount as per Application	Revised Amount	Change
Gross Fixed Assets	180,011,536	180,874,536	863,000
Accumulated Depreciation	91,578,483	91,540,330	(38,153)
Net Book Value	88,433,052	89,334,206	901,154
Average Net Book Value	87,131,193	86,980,095	(151,098)
Working Capital	126,596,505	116,919,508	(9,676,997)
Working Capital Allowance	18,989,476	17,537,926	(1,451,550)
Rate Base	106,120,669	104,518,021	(1,602,648)

#### Change in Rate Base

Description	Amount as per Application	Revised Amount	Change
Cost of Power	115,937,897	106,617,900	(9,319,997)
Operations	2,872,659	2,872,659	0
Maintenance	1,166,239	1,166,239	0
Billing & Collecting	1,447,594	1,447,594	0
Community Relations	67,969	46,969	(21,000)
Administration & General Expense	5,104,147	4,768,147	(336,000)
Working Capital	126,596,505	116,919,508	(9,676,997)

### **Change in Working Capital**

**Evidence References:** Exhibit 2, Table 2

Exhibit 2, Table 29

### d. Are the amounts proposed for Capital Expenditures appropriate?

#### Status: Complete Settlement

The Parties agree that the amounts proposed for CND's capital expenditures are appropriate, subject to the following adjustments:

- The Parties agree to update 2010 capital expenditures to reflect changes noted during the interrogatory process in responses to Energy Probe Question #65, and Board Staff Questions #4 and #44. These changes result in an increase to 2010 capital expenditures in the amount of \$2,000,000.
- O CND's new CIS system is scheduled to go into service in November 2010. The capital cost of the system had been forecast as \$1.85 million. With respect to the capital portion of the system, the Parties have agreed that this amount will be included in the calculation of CND's Rate Base for the 2010 Test Year, but that an asymmetrical variance account will be established. Specifically, if the actual cost of the system is lower than the \$1.85 million forecast set out in the Application, then the difference between the amount recoverable by CND in respect of this asset at the value set out in the Application and the amount recoverable by CND based on the actual value of the asset will be credited to rate payers at the time of CND's next rebasing. For greater clarity, the Variance Account balance will be calculated using the annual revenue requirement impact of the difference between the forecast and actual cost of the CIS system from 2010 until the next rebasing. No additional amounts beyond the \$1.85 million will be recoverable by CND in the event that the actual cost of the system is higher than \$1.85 million.

#### Evidence References: E>

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Exhibit 2, Table 4 Exhibit 2, Table 5 Exhibit 2, Table 21 Exhibit 2, Table 22 Exhibit 2, Table 22 Exhibit 2, Table 24 Exhibit 2, Table 25 Exhibit 2, Table 26 Interrogatory Response, EP Question # 10, #54 Attachment B to this Settlement Agreement

#### 3. OPERATING REVENUE (Exhibit 3)

## a. Is the load forecast and methodology (including weather normalization) appropriate?

#### Status: Not settled.

In the course of the interrogatory process, CND revised its purchased load forecast downward from 1,522,594 GWh as shown in the Application, to 1,420,552 GWh. The reduction stems from VECC Interrogatories 14(c) and (f), and CND's responses to them. The response to Interrogatory 14(c) led to a reduction to 1,429,225 GWh, and the response to Interrogatory 14(f) led to the balance of the reduction to 1,420,552 GWh. The reduced forecast is also shown in the updated Cost of Power calculation shown in CND's response to Board Staff Interrogatory #55. This reduced forecast is used in the updated Cost of Power calculation in Attachment C to this Settlement Agreement, and in the bill impact tables set out in Attachment H, with the exception of the first table, which sets out impacts based on the CND Application as filed.

The Parties have agreed that the appropriateness of CND's load forecast, including the impact of CDM initiatives, for the 2010 Test Year will be the subject of written submissions.

Evidence References: Exhibit 3 Exhibit 3, Appendix A Interrogatory Response, VECC Question 14 Interrogatory Response, VECC Question 29

# b. Are the proposed Loss Factors appropriate for conversion from purchased power to billed power? (Also Exh.8)

Status: Complete Settlement

The Parties have agreed that the proposed Loss Factors are appropriate.

Evidence References: Exhibit 8, Table 17 Exhibit 8, Table 18 Exhibit 8, Table 19

#### c. Is the proposed amount for Other Revenue appropriate?

#### Status: Partial Settlement

The Parties have agreed that the amount proposed for other revenue is appropriate, subject to the following:

- The Parties have agreed that CND's revenue offset from the sale of scrap will be increased from the \$50,000 set out in the Application to \$75,000.
- CND forecasts that it will lose the sum of \$110,000 in the 2010 Test Year as a result of the discontinuation of water and sewer billing services to the City of Cambridge and the Region of Waterloo as of September 30, 2010. In other words, the forecast shared services-related revenue offset of \$440,000 will be reduced to \$330,000 in the 2010 Test Year. CND further forecasts it will have a revenue shortfall of \$440,000 for each year of the IRM period as it will no longer be providing these services. The Parties have agreed that the question of whether the appropriate amount for inclusion in CND's 2010 Revenue Requirement should be the 2010 forgone revenue (\$110,000 per CND's forecast) or a "normalized" value of the 2010-2013 expenditure (\$357,500 representing \$110,000 for 2010 plus three years at \$440,000 per CND's forecasts) will be the subject of written submissions.

#### **Evidence References:** Exhibit 3, Page 27 to 35

Interrogatory Response, Board Staff Question #31

# d. Is the revenue from the Specific Service Charges appropriate? (Also Exh.6 & Exh.8)

**Status:** Complete Settlement

The Parties agree that revenue from specific service charges is appropriate.

Evidence References:	Exhibit 1, Table 1
	Interrogatory Response, VECC Question #13

#### 4. OPERATING COSTS (Exhibit 4)

#### a. Are the overall levels of OM&A budgets appropriate?

#### Status: Partial Settlement

The Parties have agreed that the overall level of CND's OM&A budget as proposed in the Application is appropriate, subject to the following:

CND will reduce its overall 2010 Test Year OM&A expenditures by \$357,000, from the \$10,637,608 proposed in the Application, to a total of \$10,301,608. This represents a reduction of \$21,000 for LEAP expenses in accordance with CND's response to OEB interrogatory #20(a) and \$336,000 agreed on at the Settlement Conference.

#### Unsettled Issues: OM&A:

- As noted above, the appropriate treatment of Ontario's shift to a Harmonized Sales Tax, planned for implementation effective July 1, 2010, with respect to both capital expenditures and Operating Costs, will be the subject of written submissions;
- The Parties agree that CND will incur an OM&A expenditure in the 2010 Test Year in the amount of \$42,500 related to CND's change to monthly billing as part of the implementation of its new CIS system in November 2010. The Parties agree that CND's annual costs related to this change during the IRM period will be \$312,000. While the calculations of these amounts have been agreed upon, the Parties have agreed that the question of whether the appropriate amount for inclusion in CND's 2010 Revenue Requirement should be \$42,500 or a "normalized" value of the 2010-2013 expenditure of \$244,625 (representing \$42,500 for 2010 plus three years at \$312,000) will be the subject of written submissions.

An updated OM&A calculation based on the expenditures accepted in this Settlement Agreement accompanies this Settlement Agreement as Attachment E.

Evidence References:	Exhibit 4, Table 1
	Exhibit 4, Table 2
	Exhibit 4, Table 7
	Exhibit 4, Table 8
	Exhibit 4, Table 11
	Interrogatory Response, OEB Question 20
	Interrogatory Response, OEB Question 55

#### b. Is CND's depreciation policy and expenses appropriate?

#### Status: Complete Settlement

The Parties agreed that CND will change the 2009 depreciation amount to a full year calculation, consistent with CND's past practice for calculating depreciation expense, and that depreciation expense for 2010 will be based on the half year rule for capital additions in 2010. With these changes, the Parties agree that the depreciation policy and expenses are appropriate.

The Parties note that the Board's disposition of the issue relating to the treatment of HST may have an impact on the value of capital additions and, hence, depreciation for 2010.

Evidence References:	Exhibit 4, Page 73 to 75
	Interrogatory Response, OEB Staff Question 24
	Interrogatory Response, Energy Probe Question #54(c)
	Attachment B to this Settlement Agreement.

#### c. Is the Payment in Lieu of Taxes (including methodology) appropriate?

#### Status: Complete Settlement

The Parties agree that subject to the changes identified in the interrogatory process, the Payment in Lieu of Taxes (including methodology) is appropriate. Updated tax calculations accompany this Settlement Agreement as Attachment F.

Evidence References:	Exhibit 4, Table 42
	Exhibit 6, Table 1
	Interrogatory Response, Board staff Question 25
	Interrogatory Response, Board staff Question 55
	Interrogatory Response, EP Question 40
	Interrogatory Response, EP Question 41
	Interrogatory Response, EP Question 60
	Interrogatory Response, EP Question 61

#### 5. COST OF CAPITAL AND CAPITAL STRUCTURE (Exhibit 5)

## a. Are the proposed Capital Structure and Rate of Return on Equity appropriate?

#### Status: Not Settled

The Parties agree that CND's proposed debt to equity ratio for rate making purposes of 60% to 40% is appropriate However, the following two matters are not settled with respect to cost of capital:

- The percentage of CND's regulated capital structure that should be made up of short-term debt. The debt component is comprised of 56% long term debt and 4% short term debt. The intervenors, do not agree that 4% short term debt is an appropriate amount for CND for rate making purposes. The Parties have agreed that this matter will be the subject of written submissions.
- o The Application provides for an adjustment based on the Board's updated cost of capital parameters. CND's position is that the methodology for determining the Return on Equity for the 2010 Test Year is as set out in the December 11, 2009 Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, and that the Return on Equity applicable to CND should be determined on that basis. The intervenors do not agree that the rate should be determined as provided for in that Report. The Parties have agreed that this matter will be the subject of written submissions.

**Evidence References:** Exhibit 5

#### b. Is the proposed Return on Debt appropriate?

#### Status: Complete Settlement

The Parties agreed to reduce the affiliate debt amount to 4.99%, resulting in a long term debt rate of \$4.99% for rate making purposes. (See Attachment G for details)

The parties agree that the Board's short term debt rate for the 2010 Test Year will be established in early 2010.

# Evidence References:Exhibit 5, Table 1Attachment G to this Settlement Agreement

#### 6. CALCULATION OF REVENUE DEFICIENCY (Exhibit 6)

#### a. Is the calculation of Revenue Deficiency appropriate?

#### Status: Complete Settlement

The Parties agree that CND's calculation of the Revenue Deficiency is appropriate. The Parties acknowledge that with changes set out in this Settlement Agreement, CND's revenue requirement and the revenue deficiency calculation will change, but the Parties agree that CND's methodology for calculating the revenue deficiency is correct. An updated calculation of the Revenue Requirement and Revenue Deficiency reflecting changes that have been agreed upon to date by the Parties, subject to any further adjustments that may arise from the Board's disposition of the unsettled issues, accompanies this Settlement Agreement as Attachment D.

# Evidence References:Exhibit 6, Table 1Response to Interrogatory, VECC Question 29Response to Interrogatory, OEB Question 55

#### b. Is the calculation of the proposed Revenue Requirement appropriate?

#### Status: Partial Settlement

The Parties agree that the adjustments to revenue, OM&A, depreciation methodology and long term debt cost discussed in this Settlement Agreement are appropriate. All of those adjustments will have impacts on CND's proposed Revenue Requirement. However, certain matters that remain unsettled, such as the treatment of HST, the percentage of short term debt for rate making purposes, and the rate of return on equity, will have impacts on CND's Revenue Requirement. Accordingly, it is not possible to provide the Board with a final proposed calculation of CND's Revenue Requirement for the 2010 Test Year at this time. To assist the Board, however, CND has prepared a table setting out an updated calculation of the Revenue Requirement and Revenue Deficiency that have been agreed upon to date by the Parties, subject to any further adjustments that may arise from the Board's disposition of the unsettled issues. That table accompanies this Settlement Agreement as Attachment D.

#### Evidence References: Exhibit 6

Interrogatory Response, VECC Question 29 Interrogatory Response, OEB Question 55

#### 7. COST ALLOCATION (Exhibit 7)

#### a. Is CND's cost allocation appropriate?

Status: Complete Settlement

The Parties have agree that the cost allocation is appropriate including the exemption of the low voltage wheeling charges.

Evidence References: Exhibit 7, Table 1 Exhibit 7, Table 2 Exhibit 7, Table 5

#### b. Are the proposed revenue-to-cost ratios appropriate?

Status: Complete Settlement

The Parties agree that CND's proposed approach to cost allocation is appropriate for purposes of setting 2010 rates, subject to the following:

- In the Application, CND had proposed to shift the revenue-to-cost ratio for the Unmetered Scattered Load ("USL") Class from 110.09% (the result of the 2010 Cost Allocation Study) to 90.36%. The Parties have agreed that the revenue-to-cost ratio for the USL Class will remain at 110.09%. The additional revenue will be distributed to the General Service < 50 kW and General Service > 50 kW classes, as the revenue to cost ratios for these classes are the highest among CND's customer classes; and
- In the Application, CND proposed to move the Street Light Class (currently with a revenue to cost ratio of 13.72%) and the Large User Class (currently with a revenue to cost ratio of 56.14%) to 50% of the difference between their current ratios and the bottom of the Board-approved ranges for those classes for the 2010 Test Year. The additional revenue will be distributed to the General Service < 50 kW and General Service > 50 kW classes, as the revenue to cost ratios for these classes are the highest among CND's customer classes. The Parties agree with this approach. CND has also confirmed, and the Parties have agreed, that the revenue to cost ratios for these classes will be moved the remainder of the way to the bottom of the applicable Board-approved ranges in 2011

Evidence References: Exhibit 7, Table 5

#### 8. RATE DESIGN (Exhibit 8)

# a. Are the customer charges and the fixed-variable splits for each class appropriate?

#### Status: Complete Settlement

The Parties agree that CND's proposed approach to rate design for the Residential, General Service < 50 kW and General Service > 50 kW Classes is appropriate. As the Intervenors do not represent CND's other customer classes, they take no position on the appropriateness of CND's proposed approach to rate design for those other classes.

The Parties have agreed that, for those classes that are billed for distribution service on a kW basis, the 2010 kW forecast for these classes will be the forecasted 2010 kWh amount converted to kWs by the 2008 actual kW/kWh factor

Evidence References: Exhibit 8, Table 3 Exhibit 7, Table 4 Exhibit 7, Table 5

#### b. Are the customer bill impacts appropriate?

#### Status: Partial Settlement

The bill impacts are still subject to changes based on the outcome of the items submitted to the Board for disposal of through written submissions, and the Board's decisions on any matters. However, the Parties agree that regardless of the ultimate determination on those issues no rate classes face bill impacts in this proceeding that require mitigation efforts. Bill impact tables illustrating customer bill impacts based on the Application; based on updates to the Application as set out in CND's response to Board staff Interrogatory #55; based on the settled matters as set out in this Settlement Agreement using the Board's 2009 return on equity of 8.01%; and based on the settled matters as set out in this Settlement H.

Evidence References: Exhibit 8, Appendix A

Interrogatory Response, Board Staff Question #55

# c. Are the proposed Retail Transmission Service, Wholesale Market and Rural and Remote Rate Protection rates appropriate?

Status: Complete Settlement

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All Parties agreed that the Retail Transmission Service, Wholesale Market and Rural and Remote Rate Protection rates are appropriate

Evidence References: Exhibit 8, Table 12 Exhibit 8, Table 13 Exhibit 8, Table 13 Exhibit 8, Table 14 Exhibit 8, Table 15 Exhibit 8, Table 16

# d. Are the Specific Service Charges and the Transformer Allowance appropriate?

Status: Complete Settlement

All Parties agreed that the Specific Service Charges and the Transformer Allowance are appropriate

Evidence References: Exhibit 1, Page 7

Exhibit 8, Page 8

#### e. Is the Smart Meter funding adder appropriate?

#### Status: Complete Settlement

All Parties agreed that the Smart Meter funding adder is appropriate. There is no change to CND's current Smart Meter funding adder.

Evidence References: Exhibit 1, Table 1 Exhibit 8, Table 17

#### 9. DEFERRAL AND VARIANCE ACCOUNTS (Exhibit 9)

# a. Is the proposal for the amounts, disposition and continuance of CND's Deferral and Variance accounts appropriate?

#### Status: Complete Settlement

In the Application, CND had proposed to dispose of the December 31, 2008 balances, together with carrying charges calculated to April 30, 2010, over a single year in respect of the following accounts:

#### Group 1:

1550 Low Voltage Account
1580 RSVA Wholesale Market Service Charge Account
1584 RSVA Retail Transmission Network Charges Account
1586 RSVA Retail Transmission connection Charge Account
1588 RSVA Power (Not Including Global Adj. Sub. a/c) Account
1588 RSVA Power Account – Global Adj. Sub. Account
1590 Recovery of Regulatory Accounts Balances Account

#### Group 2

1508 Other Regulatory Assets Account – OEB Cost Assessment
1508 Other Regulatory Assets Account – Pension Contributions
1518 RCVA Retail Account
1548 RCVA Service Transaction Account
1582 One Time Wholesale Market Service Account

In the aggregate, the balances represent a credit of \$9,040,874 to CND's customers.

In the Application, CND had proposed to dispose of this amount over a single year. The Parties have agreed that this amount will instead be disposed of over a two-year period.

In addition, CND's new CIS system with a capital cost of \$1.85 Million is scheduled to go into service in November 2010. As described in section 2(d) above, the Parties have agreed that a Variance Account be established with respect to this capital cost.

Finally, the Parties also acknowledge that Board Staff have inquired as to whether CND's billing system is capable of assigning the balance in the Account 1588 RSVA Power Account – Global Adjustment Sub-Account only to non-RPP customers. The Parties take no position in this regard, although CND notes that its billing system is not capable of creating distinctions among members of the same class with respect to rate riders. The parties mention this matter in order to ensure that Board staff will have an opportunity to comment on it in the submissions that will follow the Board's approval of this Settlement Agreement. However, this should be considered a severable issue, in that the Board's determination of this matter will not affect the settlement among the Parties.

# Evidence References:Exhibit 9Interrogatory Response, Board Staff Question 35Interrogatory Response, Board Staff Question 55

#### b. Are the proposed Deferral and Variance Account rate riders appropriate

#### Status: Complete Settlement

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All Parties agreed to dispose of the Deferral and Variance Accounts balances over a period of two years. The balance proposed for disposition over this period is \$9,040,874, as shown in the following table:

Deferral and Variance Accounts Balances shown in the Rate Application for Disposition	(9,314,681)
Adjustment Based on OEB, IR 35	(273,807)
Revised Balance proposed for Disposition	<b>(9,040,874)</b>

Evidence References:	Exhibit 9, Table 1
	Exhibit 9, Table 2
	Exhibit 9, Table 3
	Exhibit 9, Table 4
	Exhibit 9, Table 5
	Exhibit 9, Table 6
	Exhibit 9, Table 7
	Exhibit 9, Table 8
	Exhibit 9, Table 9
	Interrogatory Response, Board Staff Question #35
	Interrogatory Response, Board Staff Question #55

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### ATTACHMENT A

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### LIST OF UNSETTLED MATTERS

#### UNSETTLED MATTERS

The matters set out below will be the subject of written submissions:

#### Issue 2(b): Are the amounts proposed for the Rate Base appropriate?

The Parties agree that the following matter related to Rate Base will be the subject of written submissions:

 the appropriate treatment of Ontario's shift to a Harmonized Sales Tax, planned for implementation effective July 1, 2010, with respect to both capital expenditures and Operating Costs.

# Issue 2(c): Has the Working Capital Allowance been determined appropriately? (Also Ex. 6)

The Parties agree that the following matter related to Working Capital will be the subject of written submissions:

 the appropriateness of a lead-lag study being required for CND's next cost of service application.

# Issue 3(a): Is the load forecast and methodology (including weather normalization) appropriate?

The Parties have agreed that the appropriateness of CND's load forecast, including the impact of CDM initiatives, for the 2010 Test Year will be the subject of written submissions.

# Issue 3(d): Is the calculation of the proposed Revenue Requirement appropriate?

There is no issue here as to CND's methodology with respect to the calculation of its revenue requirement. This issue is noted as partially settled only because certain matters that remain unsettled, such as the treatment of HST, the percentage of short term debt for rate making purposes, and the rate of return on equity, will have impacts on CND's Revenue Requirement.

# Issue 3(e): Is the calculation of the proposed Revenue Requirement appropriate?

The following matter will be the subject of written submissions:

 CND forecasts that it will lose the sum of \$110,000 in the 2010 Test Year as a result of the discontinuation of water and sewer billing services to the City of Cambridge and the Region of Waterloo as of September 30, 2010. In other words, the forecast shared services-related revenue offset of \$440,000 will be reduced to \$330,000 in the 2010 Test Year. CND further forecasts it will have a revenue shortfall of \$440,000 for each year of the IRM period as it will no longer be providing these services. The Parties have agreed that the question of whether the appropriate amount for inclusion in CND's 2010 Revenue Requirement should be the 2010 forgone revenue (\$110,000 per CND's forecast) or a "normalized" value of the 2010-2013 expenditure (\$357,500 - representing \$110,000 for 2010 plus three years at \$440,000 per CND's forecasts) will be the subject of written submissions.

#### Issue 4(a): Are the overall levels of OM&A budgets appropriate?

The following matters will be the subject of written submissions:

- As noted above, the appropriate treatment of Ontario's shift to a Harmonized Sales Tax, planned for implementation effective July 1, 2010, with respect to both capital expenditures and Operating Costs, will be the subject of written submissions;
- o The Parties agree that CND will incur an OM&A expenditure in the 2010 Test Year in the amount of \$42,500 related to CND's change to monthly billing as part of the implementation of its new CIS system in November 2010. The Parties agree that CND's annual costs related to this change during the IRM period will be \$312,000. While the calculations of these amounts have been agreed upon, the Parties have agreed that the question of whether the appropriate amount for inclusion in CND's 2010 Revenue Requirement should be \$42,500 or a "normalized" value of the 2010-2013 expenditure of \$244,625 (representing \$42,500 for 2010 plus three years at \$312,000) will be the subject of written submissions.

# Issue 5(a): Are the proposed Capital Structure and Rate of Return on Equity appropriate?

The Parties agree that CND's proposed debt to equity ratio for rate making purposes of 60% to 40% is appropriate However, the following two matters are not settled with respect to cost of capital:

 The percentage of CND's regulated capital structure that should be made up of short-term debt. The debt component is comprised of 56% long term debt and 4% short term debt. The intervenors, do not agree that 4% short term debt is an appropriate amount for CND for rate making purposes. The Parties have agreed that this matter will be the subject of written submissions. The Application provides for an adjustment based on the Board's updated cost of capital parameters. CND's position is that the methodology for determining the Return on Equity for the 2010 Test Year is as set out in the December 11, 2009 Report of the Board on the Cost of Capital for Ontario's Regulated Utilities, and that the Return on Equity applicable to CND should be determined on that basis. The intervenors do not agree that the rate should be determined as provided for in that Report. The Parties have agreed that this matter will be the subject of written submissions.

### Issue 9(a): Is the proposal for the amounts, disposition and continuance of CND's Deferral and Variance accounts appropriate?

The Parties acknowledge that Board Staff have inquired as to whether CND's billing system is capable of assigning the balance in the Account 1588 RSVA Power Account – Global Adjustment Sub-Account – only to non-RPP customers. The Parties take no position in this regard, although CND notes that its billing system is not capable of creating distinctions among members of the same class with respect to rate riders. The parties mention this matter in order to ensure that Board staff will have an opportunity to comment on it in the submissions that will follow the Board's approval of this Settlement Agreement. However, this should be considered a severable issue, in that the Board's determination of this matter will not affect the settlement among the Parties.

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### ATTACHMENT B

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**Updated Fixed Asset Continuity Schedules** 

2009 & 2010

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		WIP		0	14	47	47	4/	47	47	8	8	60	00 0	00	10	12	52	~	13	CEC	NIA	NIA	NIA	NIA	47	47	47	47	47	47	47	47	13	47	CEC	NIA	Class	As at D
1925				COO7	CRAI	1000	1000	1980	1975	1970	1960	1955	1950	1945	1935	1930	1925	1920	1915	1910	1906	1905	1875	1870	1865	1860	1850	1845	1840	1835	1830	1825	1815	1810	1808	1806	1805	OEB	ecember
Transportation	Total after Work in Process	Work in Process	Total before work in Process	The Capital Lease	Contributions and Grants	Contributions and Contri	Other Tancible Property	System Supervisory Equipment	Load Management Controls - Utility Premises	Load Management Controls - Customer Premises	Miscellaneous Equipment	Communication Equipment	Power Operated Equipment	Measurement and Testing Equipment	Stores Equipment	Transportation Equipment	Computer Software	Computer Equipment - Hardware	Office Furniture and Equipment	Leasehold Improvements	Land Rights	Land	Street Lighting and Signal Systems	Leased Property on Customer Premises	Other Installations on Customer's Premises	Meters	Line Transformers	Underground Conductors and Devices	Underground Conduit	Overhead Conductors and Devices	Poles, Towers and Fixtures	Storage Battery Environment	Transformer Station Equipment - Normally Prima	Leasehold Improvements	Buildings and Fixtures	Land Rights	Land	Description	As at December 31, 2009
1	161,338,229	242,659	101,080,070	01,0/3	(022,814,11)	141 A40 000		/14,214		0	0	0	0	1,283,812	105,013	3,299,888	1,191,464	1,488,617	629.090	0 0	0	0	0	0	0	9 136 785	36,801,203	16,913,970	21,273,070	24,076,580	23,328,484	20,00	9,7		5,823,245	0	395,225	Opening Balance	
	9,264,341	(42,659)	3,307,000	0 202 000	(2,200,000)			000	0	0	0	0	0	0	0	729,000	194,000	149,000	14.000	0 0	0	0	0	0	0	194 977	1,923,549	1,338,321	1,677,154	1,914,973	1,858,006	0.0	0	0	0	0	74,000	Additions	Cost
	671,700		0/1,/00	004 100												445,183	44 142	105,850																	14,804		-	Disposals	4
	169,930,870	200,000	109,130,070	C/0,10	(13,818,61)	140 640 9061		/14,214	0	0	0	0	0	1,428,012	105,013	3,583,705	1,341,322	1,531,767	643.090	0 0	0	0	0	0	0	9 331 762	38,724,752	18,252,291	22,950,224	25,991,553	25,186,490	0	9,771,354	0	5,808,441	0	407,504	Closing Balance	
Less: Fully Allocated Depreciation	78,984,081	0	/0,304,001	484,84 884,84	(2,0/0,4/0)	10 070 470		/14,215	0	0	0	0	0	0 GRD <sup>1</sup> /10 <sup>1</sup> 1	104,957	2,576,159	344,552	1,278,098	546.111	0		0	0	0	0	4 523 889	18,451,409	8,250,339	10,397,956	11,026,182	10,683,583	0	1,653,859	0	2,065,442	0	0	Opening Balarice	
Depreciation	6,730,783		6,/30,/83	12,314	(5/3,/04)	1075 7040			0	0	0	0	0	0	56	300,941	323,437	157,445	27.540		0	0	0	0	0	332 550	1,473,239	702,533	883,195	1,000,785	969.384		244,151	0	135,164	0	0	Additions	Accumulated Depreciation
	609,979		6/6,600													445,183	44,142	105,850																	14,804			Disposals	epreciation
	85,104,885	0	85,104,885	61,8/3	(3,244,1/4)	10 04 1741		/14,215	0	0	0	0	0	1,080,264	105,013	2,431,917		-	573.651		0	0	0	0	0	4 856 439	19,924,648	8,952,872	11,281,151	12,026,967	11,652,967	cco,cc	1,898,010	0	2,185,802	0	0	Closing Balance	
	84,	200,000	84,623,983		(10,3/5,0:	T		-						342,348		1,151,789		2	69.438							4 475 323					13,533,523		7,873,344		3,622,638			Net Book Value	

FA Continuity 2009

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Transportation Communication Net Depreciation 6,429,842 300,941

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 Class
 OEB
 Description
 vertice

 VNA
 1805
 Land Rights

 vertice

 47
 1806
 Land Rights

 vertice

 47
 1807
 Buildings and Fixtures

 vertice

 47
 1807
 Buildings and Fixtures

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 vertice

 47
 1807
 Distribution Station Equipment - Normally Prima
 vertice
 Class NIA CEC 47 Fixed Asset Continuity Schedule (Distribution & Operations) As at December 31, 2010 , License Number , File Number 1925 Transportation 1930 Stores Equipment Work in Process Total after Work in Process Opening 200,000 61,873 169,730,870 25,186,490 25,991,553 22,990,224 18,252,291 38,724,752 17,460,475 9,331,762 9,771,354 5,808,441 643,090 1,531,767 1,341,322 3,583,705 105,013 1,428,612 407,504 714,214 Additions 35,000 115,000 11,405,000 11,405,000 ,716, 167 198 160 95,00 3 45 88 Cost Disposals 67,043 261,334 261,334 110,678 Closing 61,873 180,874,536 200,000 26,851, 27,707, 24,453, 19,451, 19,451, 18,620, 9,431, 726,090 1,698,767 4,215,644 3,633,815 105,013 9,771,354 5,914,718 g Balance 375,461 ,523 714,2 ,662 ,209 **Opening Balance** 61,873 85,104,885 11,652,967 12,026,967 11,281,151 8,952,872 19,924,648 8,588,078 4,856,439 85,104,885 573,651 1,329,693 623,847 2,431,917 1,086,264 1,898,010 2,185,802 244 1 714,215 ACC Additions 6,628,626 936,066 966,447 853,125 678,538 1,439,148 649,29 330,97 6,628,626 147,60 456,51 243,64 244,15 137,964 62,24 lated Depreciation Disposals 193,181 193,181 Closing Balance 91,540,330 91,540,330 12,589,033 12,993,414 12,134,276 9,631,410 21,363,796 9,237,377 5,187,409 2,142,161 55,653 2,316,153 596,645 1,477,294 969,686 2,600,668 105,013 1,148,509 714,215 784 Net Book Value 375,461 200,000 89,534,206 14,262,629 14,714,423 12,318,817 89,334,206 19,084,413 9,383,428 4,244,353 129,444 221,473 3,245,958 1,033,148 0 3,598,564 375,103 7,629,193

FA Continuity 2010

Less: Fully Allocated Depreciation Transportation 243,641 Communication 6,384,985 6,384,985

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### ATTACHMENT C

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Updated Cost of Power Calculation

### Updated Cost of Power Based on RPP and Non- RPP Pricing from Oct 15, 2009 Navigant Report

Electricity - Commodity				
2010 Forecasted Loss			2010	
Adjusted kWhs	kWhs	Percentage	Price per kWh	Amount
kWhs for RPP Customer	486,745,730	34%	0.06215	30,251,247
kWhs for Non - RPP Customer <b>Total</b>	933,806,589 1,420,552,319	<u>66%</u> 100%	0.0582	54,347,543 <b>84,598,791</b>

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Transmission - Network		Volume			
Class per Load Forecast		Metric		2010	
Residential		kWh	373,947,619	\$0.0045	\$1.664.254
GS<50kW		kWh	161,384,873	\$0.0040	\$651,430
GS>50kW		kW	1,270,387	\$2,5866	\$3,285,942
TOU		kW	471,838	\$1.9645	\$926,942
LU		kW	308,824	\$1.8616	\$574,891
ST.Light		kW	24,144	\$1.2998	\$31,382
Unmetered Scattered Load		kWh	1,904,518	\$0.0040	\$7,688
Embedded Distributor		kW	103,266	\$1.8616	\$192,235
TOTAL		N V V	103,200	\$1.0010	\$7,334,764
TOTAL					ψ1,004,104
Transmission - Connection		Volume			
Class per Load Forecast		Metric		2010	
Residential		kWh	373,947,619	\$0.0032	\$1,210,693
GS<50kW		kWh	161,384,873	\$0.0030	\$481,250
GS>50kW		kW	1,270,387	\$1.8511	\$2,351,556
TOU		kW	471,838	\$1.4527	\$685,461
LU		kW	308,824	\$1.4788	\$456,694
ST.Light		kW	24,144	\$0.9302	\$22,460
Unmetered Scattered Load		kWh	1,904,518	\$0.0030	\$5,679
Embedded Distributor		kW	103,266	\$1.4788	\$152,711
TOTAL		N V V	103,200	ψ1. <del>4</del> 700	\$5,366,503
TOTAL			lł		\$3,300,303
Wholesale Market Service					
Class per Load Forecast				2010	
Residential			373,947,619	\$0.0052	\$1,944,528
GS<50kW			161,384,873	\$0.0052	\$839,201
GS>50kW			491,751,759	\$0.0052	\$2,557,109
тоџ			218,369,738	\$0.0052	\$1,135,523
LU			163,475,627	\$0.0052	\$850,073
ST.Light			9,718,183	\$0.0052	\$50,535
Unmetered Scattered Load			1,904,518	\$0.0052	\$9,903
TOTAL			1,001,010	\$01000 <u>2</u>	\$7,386,872
	•		• •	•	· / / 4
Rural Rate Assistance					
Class per Load Forecast				2010	
Residential			373,947,619	\$0.0013	\$486,132
GS<50kW			161,384,873	\$0.0013	\$209,800
GS>50kW			491,751,759	\$0.0013	\$639,277
TOU			218,369,738	\$0.0013	\$283,881
LU			163,475,627	\$0.0013	\$212,518
ST.Light			9,718,183	\$0.0013	\$12,634
Unmetered Scattered Load			1,904,518	\$0.0013	\$2,476
TOTAL					\$1,846,718
	2010	OEB Acct			
4705 Power Purchased	91 509 704	1705			
4705-Power Purchased	84,598,791 \$7,296,872	4705 4708			
4708-Charges-WMS	\$7,386,872				
4714-Charges-NW	\$7,334,764	4714			
4716-Charges-CN	\$5,366,503	4716			
4730-Rural Rate Assistance	\$1,846,718	4730			
4750-Low Voltage	\$84,252	4750			
TOTAL	106,617,900		l		

## ATTACHMENT D

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Updated Revenue Requirement/Revenue Deficiency Calculation

488,516

683.52

### UPDATED REVENUE REQUIREMENT/REVENUE DEFICIENCY CALCULATION <u>UPDATED FEBRUARY 17, 2010 –</u> Sheet 1 of 2

#### Cambridge and North Dumfries Hydro Inc. **Revenue Deficiency Determination** 2009 Bridge 2010 Test - Required 2010 Test **Existing Rates** Description Actual Revenue Revenue 2,450,753 Revenue Deficiency 21,088,569 19.724.153 Distribution Revenue 19.724.153 1,589,120 Other Operating Revenue (Net) 1,838,445 1,589,120 Smart Meter Deferral Account Adjustment 22,927,014 Fotal Revenue 21,313,273 23,764,026 Costs and Expenses Administrative & General, Billing & Collecting Operation & Maintenance 5,728,013 6,262,710 6,262,710 3.818.029 4.038.898 4.038.898 Depreciation & Amortization 6,429,842 6,384,985 6,384,985 Property Taxes 0 0 0 Capital Taxes 196,505 67,139 67,139 Deemed Interest 2.641.926 2.978.011 2.978.011 otal Costs and Expenses 18,814,316 19,731,743 19,731,743 Less OCT Included Above Total Costs and Expenses Net of OCT 18,814,316 19,731,743 19,731,743 Utility Income Before Income Taxes 4,112,698 1,581,530 4,032,283 ncome Taxes: Corporate Income Taxes 1,330,897 (15.674)683,526 Total Income Taxes 1,330,897 (15, 674)683,52 Utility Net Income 2.781.801 1.597.204 3.348.757 Capital Tax Expense Calculation: Total Rate Base 102,335,730 104,518,021 104,518,021 Exemption 15,000,000 15,000,000 15,000,000 Deemed Taxable Capital 87,335,730 89,518,021 89,518,021 Ontario Capital Tax 196.505 67.139 67,139 ncome Tax Expense Calculation: Accounting Income 4,112,698 1,581,530 4,032,283 Tax Adjustments to Accounting Income Taxable Income 4,033,021 2,395,815 Income Tax Expense 1,330,897 683,526 33.00% 28.53% 28.53% Actual Return on Rate Base: Rate Base 102,335,730 104,518,021 104,518,021 2,641,926 2,978,011 Interest Expense 2.978.011 Net Income 2,781,801 1,597,204 3,348,757 otal Actual Return on Rate Base 5,423,727 4,575,215 6,326,768 Actual Return on Rate Base 5.30% 4.38% 6.05% Required Return on Rate Base: 102,335,730 104,518,021 104,518,021 Rate Base Return Rates: Return on Debt (Weighted) 4.99% 4.75% 4.75% Return on Equity 9.00% 8.01% 8.01% Deemed Interest Expense 2,723,429 2,978,011 2,978,011 Return On Equity ,301,171 3,348,757 3,348,757 Total Return 7,024,600 6,326,768 6,326,768 Expected Return on Rate Base 6.05% 6.05% 6.86% 1,751,553 Revenue Deficiency After Tax 1,600,872 0 Revenue Deficiency Before Tax 2,450,753 2,389,362 0 Tax Exhibit 2010 3 348 757 Deemed Utility Income Tax Adjustments to Accounting Income (1.636.468) Taxable Income prior to adjusting revenue to PILs 1,712,289 ax Rate 28.53%

Total PILs before gross up

Grossed up PILs

#### Attachment D - Sheet 2 of 2

1

#### **REVENUE REQUIREMENT - UPDATED FEBRUARY 17, 2010**

		As per Response	As per Settlement	As per Settlement
	As Filed (Aug		•	
	As Filed (Aug	to Interrogatory,	Agreement (Before	Agreement (including
	2009)	OEB Question 55	CoC Impact)	CoC Estimate Impact)
Net Fixed Assets	87,131,193	87,135,629	86,980,095	86,980,095
Working Capital	18,989,476	17,826,114	17,537,926	17,537,926
Rate Base	106,120,669	104,961,743	104,518,021	104,518,021
Deemed Long - Term Debt Component %	56.00%		56.00%	56.00%
Deemed Short - Term Debt Component %	4.00%	4.00%	4.00%	4.00%
Deemed Equity Component %	40.00%	40.00%	40.00%	40.00%
Long - Term Debt Rate	5.20%	5.20%	4.99%	4.99%
Short - Term Debt Rate	1.33%	1.33%	1.33%	1.33%
Return Equity	8.01%	8.01%	8.01%	9.75%
Weighted Average Cost of Capital	6.17%	6.17%	6.05%	6.75%
Cost of Capital (Return on Rate Base)	6,547,776		6,326,768	7,054,214
OM&A	10,658,608	10,637,608	10,301,608	10,301,608
Municipal and Property Taxes				
Depreciation and Amortization	6,490,738	6,588,267	6,384,985	6,384,985
Pils	1,261,813	842,887	750,667	1,077,569
Service Revenue Requirement	24,958,934	24,544,976	23,764,026	24,818,550
Revenue Offset	1,613,010	1,564,120	1,589,120	1,589,120
Base Revenue Requirement	23,345,924	22,980,856	22,174,906	23,229,430

EB-2009-0260 Cambridge and North Dumfries Hydro Inc. Settlement Agreement Filed February 10, 2010/<u>Updated February 17, 2010</u> Page 34 of 47

## ATTACHMENT E

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# **Updated OM&A Calculation**

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		2006 Board					
	Description	Approved	2006 Actual	2007 Actual	2008 Actual	2009 Bridge	2010 Test
	Operation Supervision and Engineering	158,745	145,958	190,683	241,139	283,714	288,455
	Transformer Station Equipment - Operation Labour	24,088	32,737	36,182	55,013	46,692	48,574
	Transformer Station Equipment - Operation Supplies and Expenses	96,185	(220,769)	46,763	55,068	58,720	63,679
	Distribution Station Equipment - Operation Labour	131,451	72,451	65,354	73,860	30,341	15,806
	Distribution Station Equipment - Operation Supplies and Expenses	120,752	71,399	73,373	52,326	57,850	38,749
	Overhead Distribution Lines and Feeders - Operation Labour	784,461	796,326	809,462	950,915	1,007,853	1,088,365
	Overhead Distribution Lines & Feeders - Operation Supplies and Expenses	260,409	210,432 323,330	230,864	282,260	256,303	278,639 432,221
	Underground Distribution Lines and Feeders - Operation Labour Underground Distribution Lines & Feeders - Operation Supplies & Expenses	426,775 66,037	323,330	334,176 121,655	342,110 150,499	342,663 153,938	432,221
	Underground Distribution Transformers - Operation	38,847	55,957	50,678	46,298	52,645	53,516
	Meter Expense	228,579	202,908	269,233	257,241	272,616	282,276
	Customer Premises - Operation Labour	46.844	40.984	50,740	73.294	57,894	68,238
	Customer Premises - Materials and Expenses	12,348	11.065	14.750	23.929	19,459	21,569
	Overhead Distribution Lines and Feeders - Rental Paid	25.097	32,124	30,948	31,003	32,000	32,000
0000	Sub Total - Operations	2,420,617	1,859,546	2,324,862	2,634,955	2,672,688	2,872,659
		2,.20,017	.,000,040	2,02.1,002	2,001,000	2,0.2,000	2,012,000
5110	Maintenance of Buildings and Fixtures - Distribution Stations	-	-	-	2,188	400	400
	Maintenance of Transformer Station Equipment	15,510	6,245	14,022	36,175	21,250	42,259
	Maintenance of Poles, Towers and Fixtures	113,194	125,124	126,801	135,434	100,099	111,442
5125	Maintenance of Overhead Conductors and Devices	116,822	129,134	130,865	139,777	135,844	152,203
5130	Maintenance of Overhead Services	14,568	17,775	18,013	19,228	13,998	15,582
5135	Overhead Distribution Lines and Feeders - Right of Way	363,254	340,777	448,013	417,669	498,359	451,187
5145	Maintenance of Underground Conduit	26,760	23,838	32,794	62,358	63,783	66,532
	Maintenance of Underground Conductors and Devices	20,585	18,337	25,226	47,968	49,064	51,178
	Maintenance of Underground Services	17,456	15,550	21,391	38,974	39,865	41,583
	Maintenance of Line Transformers	64,331	45,873	27,995	83,035	94,407	95,975
5175	Maintenance of Meters	138,221	114,086	130,369	134,656	128,272	137,898
	Sub Total - Maintenance	890,701	836,739	975,488	1,117,462	1,145,341	1,166,239
	Meter Reading Expense	597,136	588,074	605,866	534,054	530,277	455,227
5315	Meter Reading Expense Customer Billing	597,136 129,083	588,074 115,589	605,866 155,915	534,054 169,921	530,277 306,106	455,227 444,868
5315 5320	Meter Reading Expense Customer Billing Collecting	597,136 129,083 181,561	588,074 115,589 158,544	605,866 155,915 138,419	534,054 169,921 139,869	530,277 306,106 151,884	455,227 444,868 249,504
5315 5320 5325	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short	597,136 129,083 181,561 112	588,074 115,589 158,544 517	605,866 155,915 138,419 376	534,054 169,921 139,869 421	530,277 306,106 151,884 350	455,227 444,868 249,504 350
5315 5320 5325 5330	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges	597,136 129,083 181,561 112 -	588,074 115,589 158,544 517 (53,051)	605,866 155,915 138,419 376 (5,100)	534,054 169,921 139,869 421 (2,310)	530,277 306,106 151,884 350 (2,400)	455,227 444,868 249,504 350 (2,355)
5315 5320 5325 5330 5335	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges Bad Debt Expense	597,136 129,083 181,561 112	588,074 115,589 158,544 517	605,866 155,915 138,419 376	534,054 169,921 139,869 421	530,277 306,106 151,884 350	455,227 444,868 249,504 350
5315 5320 5325 5330 5335	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges Bad Debt Expense Miscellaneous Customer Accounts Expenses	597,136 129,083 181,561 112 - 108,670	588,074 115,589 158,544 517 (53,051) 100,961	605,866 155,915 138,419 376 (5,100) 258,213	534,054 169,921 139,869 421 (2,310) 375,980	530,277 306,106 151,884 350 (2,400) 210,000	455,227 444,868 249,504 350 (2,355) 300,000
5315 5320 5325 5330 5335	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges Bad Debt Expense	597,136 129,083 181,561 112 -	588,074 115,589 158,544 517 (53,051)	605,866 155,915 138,419 376 (5,100)	534,054 169,921 139,869 421 (2,310)	530,277 306,106 151,884 350 (2,400)	455,227 444,868 249,504 350 (2,355)
5315 5320 5325 5330 5335 5340	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub- Total Billing and Collecting	597,136 129,083 181,561 112 - 108,670 - 1,016,562	588,074 115,589 158,544 517 (53,051) 100,961 910,634	605,866 155,915 138,419 376 (5,100) 258,213 - 1,153,689	534,054 169,921 139,869 421 (2,310) 375,980 - <b>1,217,935</b>	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 - 1,447,594
5315 5320 5325 5330 5335 5340 5410	Meter Reading Expense Customer Billing Collecting Collecting-Cash Over and Short Collection Charges Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub- Total Billing and Collecting Community Relations - Sundry	597,136 129,083 181,561 112 - 108,670 - 1,016,562 35,257	588,074 115,589 158,544 517 (53,051) 100,961 910,634 6,242	605,866 155,915 138,419 376 (5,100) 258,213 1,153,689 7,458	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 - 1,447,594 12,866
5315 5320 5325 5330 5335 5340 5410 5420	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub- Total Billing and Collecting Community Relations - Sundry Community Satety Program	597,136 129,083 181,561 112 - 108,670 - 1,016,562	588,074 115,589 158,544 517 (53,051) 100,961 910,634 6,242 6,242	605,866 155,915 138,419 376 (5,100) 258,213 1,153,689 7,458 8,022	534,054 169,921 139,869 421 (2,310) 375,980 <b>1,217,935</b> 16,093 7,376	530,277 306,106 151,884 350 (2,400) 210,000 1,196,217 17,650 8,125	455,227 444,868 249,504 350 (2,355) 300,000 
5315 5320 5325 5330 5335 5340 5410 5420	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Community Relations - Sundry Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses	597,136 129,083 181,561 112 - 108,670 - <b>1,016,562</b> 35,257 45	588,074 115,589 158,544 517 (53,051) 100,961 - - 910,634 6,242 6,242 6,242 16,234	605,866 155,915 138,419 376 (5,100) 258,213 - - <b>1,153,689</b> 7,458 8,022 41,600	534,054 169,921 139,869 421 (2,310) 375,980 <b>1,217,935</b> 16,093 7,376 15,963	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 - 1,447,594 12,866 8,315 25,788
5315 5320 5325 5330 5335 5340 5410 5420	Meter Reading Expense Customer Billing Collecting Collecting- Cash Over and Short Collection Charges Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub- Total Billing and Collecting Community Relations - Sundry Community Satety Program	597,136 129,083 181,561 112 - 108,670 - 1,016,562 35,257 45	588,074 115,589 158,544 517 (53,051) 100,961 910,634 6,242 6,242	605,866 155,915 138,419 376 (5,100) 258,213 1,153,689 7,458 8,022	534,054 169,921 139,869 421 (2,310) 375,980 <b>1,217,935</b> 16,093 7,376	530,277 306,106 151,884 350 (2,400) 210,000 1,196,217 17,650 8,125	455,227 444,868 249,504 350 (2,355) 300,000 
5315 5320 5325 5330 5335 5340 5410 5420 5425	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Community Relations - Sundry Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses	597,136 129,083 181,561 112 - 108,670 - <b>1,016,562</b> 35,257 45	588,074 115,589 158,544 517 (53,051) 100,961 - - 910,634 6,242 6,242 6,242 16,234	605,866 155,915 138,419 376 (5,100) 258,213 - - <b>1,153,689</b> 7,458 8,022 41,600	534,054 169,921 139,869 421 (2,310) 375,980 <b>1,217,935</b> 16,093 7,376 15,963	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 
5315 5320 5325 5330 5335 5340 5410 5420 5425 5425 5605	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub-Total Billing and Collecting Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub-Total Community Relations	597,136 129,083 181,561 112 - 108,670 - 1,016,562 35,257 45 - 35,302	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432	530,277 306,106 151,884 350 (2,400) 210,000 1,196,217 17,650 8,125 35,597 61,372	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969
5315 5320 5325 5330 5335 5340 5410 5420 5425 5425 5605 5610	Meter Reading Expense           Customer Billing           Collecting           Collecting-Cash Over and Short           Collection Charges           Bad Debt Expense           Miscellaneous Customer Accounts Expenses           Sub- Total Billing and Collecting           Community Relations - Sundry           Community Safety Program           Miscellaneous Customer Service and Informational Expenses           Sub- Total Community Relations           Executive Salaries and Expenses	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 35,257 - 35,302 - 1,034,882	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 
5315 5320 5325 5330 5335 5340 5410 5420 5425 5425 5605 5610 5615 5620	Meter Reading Expense Customer Billing Collecting Collecting-Cash Over and Short Collection Charges Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub- Total Billing and Collecting Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub- Total Community Relations Executive Salaries and Expenses Management Salaries and Expenses General Administrative Salaries and Expenses Office Supplies and Expenses	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 45 - 35,302 - 1,034,882 358,140 961,669 465,773	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080 1,177,852 455,478 926,923 533,394	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294	530,277 306,106 151,884 350 (2,400) 210,000 210,000 1,196,217 17,650 8,125 35,597 61,372 1,191,968 507,859 988,218 668,107	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 531,221
5315 5320 5325 5330 5335 5340 5410 5420 5420 5425 5605 5610 5615 5620 5630	Meter Reading Expense Customer Billing Collecting Collecting Collecting Bad Debt Expense Miscellaneous Customer Accounts Expenses Sub-Total Billing and Collecting Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub-Total Community Relations Executive Salaries and Expenses General Administrative Salaries and Expenses Office Supplies and Expenses	597,136 129,083 181,561 108,670 	588,074 115,589 158,544 517 (53,051) 100,961 	605.866 155.915 138.419 376 (5.100) 258.213 7.458 8.022 41.600 <b>57.080</b> 1.177.852 41.600 <b>57.080</b> 1.177.852 455.478 926.923 533.394 87.144	534,054 169,921 139,869 421 (2,310) 375,980 16,093 7,376 15,963 39,432 1,190,921 1,190,921 476,379 941,330 514,294	530.277 306,106 151,884 350 (2,400) 210,000 1,196,217 1,196,217 1,196,217 61,372 61,372 61,372 507,859 988,218 668,107 128,000	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 531,221 1,175,449 531,221 1,175,449 532,363 137,695
5315 5320 5325 5330 5335 5340 5410 5420 5425 5605 5610 5615 5620 5630 5635	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Collecting Community Relations Community Relations - Sundry Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub- Total Community Relations Executive Salaries and Expenses General Administrative Salaries and Expenses Office Supplies and Expenses Outside Services Employed Property Insurance	597,136 129,083 181,561 181,561 12 108,670 	588,074 115,589 158,544 517 (53,051) 100,961 - - 910,634 6,242 6,242 6,242 6,242 16,234 28,718 1,034,657 404,060 789,924 518,397 79,760 43,846	605.866 155.915 138.419 376 (5,100) 258.213 7.458 8.022 41,600 57,080 1,177,852 455,478 926,923 533,394 87,144 83,378	534,054 169,921 139,869 421 (2,310) 375,980 	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 - 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 592,363 137,695 44,411
5315 5320 5325 5330 5335 5340 5410 5420 5425 5425 5425 5605 5610 5615 5620 5635 5640	Meter Reading Expense         Customer Billing         Collecting-Cash Over and Short         Collecting-Cash Over and Short         Collection Charges         Bad Debt Expense         Miscellaneous Customer Accounts Expenses         Sub- Total Billing and Collecting         Community Relations - Sundry         Community Safety Program         Miscellaneous Customer Service and Informational Expenses         Sub- Total Community Relations         Executive Salaries and Expenses         Management Salaries and Expenses         General Administrative Salaries and Expenses         Otfice Supplies and Expenses         Outside Services Employed         Property Insurance         Injuries and Damages	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 35,257 35,257 35,302 - 35,257 35,302 - 35,8140 961,669 961,669 961,669 91,034,882 358,140 961,669 119,290	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080 57,080 1,177,852 455,478 926,923 533,394 87,144 38,378 131,939	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 59,469 41,375 128,843	530,277 306,106 151,884 350 (2,400) 210,000 210,000 1,196,217 17,650 8,125 35,597 61,372 61,372 507,859 988,218 507,859 988,218 507,859 988,218 507,859 988,218 1,191,968	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 531,221 1,175,449 137,695 44,411 136,689
5315 5320 5325 5330 5335 5340 5410 5420 5420 5425 5605 5610 5615 5620 56635 5620 56635 5640 56645	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Collecting Community Relations - Sundry Community Relations - Sundry Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub- Total Expenses Sub- Total Community Relations Executive Salaries and Expenses General Administrative Salaries and Expenses Office Supplies and Expenses Office Supplies and Expenses Office Supplies and Expenses Cotaid Services Employed Property Insurance Injuries and Damages Employee Pensions and Benefits	597,136 129,083 181,561 181,561 12 108,670 	588,074 115,589 158,544 517 (53,051) 100,961 - - 910,634 6,242 6,242 6,242 6,242 16,234 28,718 1,034,657 404,060 789,924 518,397 79,760 43,846	605.866 155.915 138.419 376 (5,100) 258.213 7.458 8.022 41,600 57,080 1,177,852 455,478 926,923 533,394 87,144 83,378	534,054 169,921 139,869 421 (2,310) 375,980 	530,277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 
5315 5320 5325 5330 5335 5340 5410 5420 5420 5420 5425 5615 5660 5615 5660 5630 5635 5645 5645 5645 5645 5645	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Collecting Collecting Community Relations Community Relations Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub- Total Community Relations Executive Salaries and Expenses General Administrative Salaries and Expenses General Administrative Salaries and Expenses Otfice Supplies and Expenses Otfice Services Employed Property Insurance Injuries and Damages Employee Pensions and Benefits Franchise Requirements	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 45 - 35,302 - 1,034,882 358,140 961,669 961,669 961,669 961,669 961,663 97,633 97,633 97,633 9119,290 75,339	588,074 115,589 158,544 517 (53,051) 100,961 - - 910,634 6,242 6,242 16,234 28,718 1,034,657 404,060 789,924 518,397 79,760 43,846 131,939 104,988	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080 1,177,852 455,478 926,923 533,394 87,144 87,144 83,378 131,939 102,366 -	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 59,469 41,375 128,843 105,144	530,277 306,106 151,884 350 (2,400) 210,000 1,196,217 17,650 8,125 35,597 61,372 1,191,968 507,859 988,218 668,107 128,000 45,152 132,708 107,400	455,227 444,868 249,504 350 (2,355) 300,000 
5315 5320 5325 5330 5335 5340 5420 5420 5420 5425 5610 5645 5660 5650 5645 5645 5665	Meter Reading Expense Costomer Billing Collecting Collecting-Cash Over and Short Collecting Sub-Total Billing and Collecting Community Relations - Sundry Community Relations - Sundry Community Relations - Sundry Community Relations Executive Salaries and Expenses Management Salaries and Expenses General Administrative Salaries and Expenses Office Supplies and Expenses Distries Employee Property Insurance Injuries and Damages Employee Pensions and Benefits Franchise Requirements Regulatory Expenses	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 35,257 35,257 35,302 - 35,257 35,302 - 35,8140 961,669 961,669 961,669 91,034,882 358,140 961,669 91,034,882 358,140 961,669 91,192,903 119,290	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080 57,080 1,177,852 455,478 926,923 533,394 87,144 38,378 131,939	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 59,469 41,375 128,843	530,277 306,106 151,884 350 (2,400) 210,000 210,000 1,196,217 17,650 8,125 35,597 61,372 61,372 507,859 988,218 507,859 988,218 507,859 988,218 507,859 988,218 1,191,968	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 531,221 1,175,449 137,695 44,411 136,689
5315 5320 5325 5330 5335 5340 5410 5425 5410 5425 5410 5425 5640 5640 5665 5660 5665 56640 5665 5665	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Collecting Collecting Community Relations Community Relations Community Relations Community Relations Community Relations Executive Salaries and Expenses Management Salaries and Expenses General Administrative Salaries and Expenses Outside Services Employed Property Insurance Injuries and Damages Eranchise Requirements Regulatory Expenses Centeral Community C	597,136 129,083 181,561 122 - - - - - - - - - - - - - - - - -	588,074 115,589 158,544 517 (53,051) 100,961 - 910,634 6,242 6,242 6,242 16,234 16,234 28,718 1,034,657 404,060 789,924 518,397 79,760 43,846 131,939 104,938 104	605.866 155.915 138.419 376 (5,100) 258.213 7,458 8,022 41,600 57,080 1,177,852 455,478 926,923 533,394 87,144 87,144 926,923 533,394 87,144 97,145 926,923 533,394 87,145 926,923 533,394 87,145 926,923 533,394 87,145 926,923 533,394 87,145 926,923 533,394 87,145 87,145 926,923 533,394 87,145 87,145 87,145 926,923 53,394 131,939 102,306 53,585	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 476,379 128,843 105,144 105,144 - 179,402 -	530.277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 592,363 137,695 44,411 136,689 120,103 
5315 5320 5325 5330 5335 5335 5340 5410 5420 5420 5420 5420 5420 5420 5425 5610 5665 5660 56635 56600 56655 56600 56665	Meter Reading Expense Customer Billing Collecting Collecting-Cash Over and Short Collecting-Cash Over Accounts Expenses Sub- Total Billing and Collecting Community Relations - Sundry Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub- Total Community Relations Executive Salaries and Expenses Management Salaries and Expenses General Administrative Salaries and Expenses Outside Services Employed Property Insurance Injuries and Damages Employee Pensions and Benefits Franchise Requirements Regulatory Expenses General Advertising Expenses	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 45 - 35,302 - 1,034,882 358,140 961,669 9465,773 67,633 43,009 119,290 75,339 - 207,934 - 190,683	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080 1,177,852 455,478 926,923 926,923 926,923 933,394 87,144 88,714 38,378 131,939 102,306 - 53,585 - - 53,585	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 59,469 41,375 128,843 105,144 	530,277           306,106           151,884           350           (2,400)           210,000           210,000           1,196,217           17,650           8,125           35,597           61,372           1,191,968           507,859           988,218           668,107           128,000           45,152           132,708           107,400           262,080           171,300	455,227 444,868 249,504 350 (2,355) 300,000 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 552,363 137,695 44,411 136,689 120,103 - 313,959 - 177,042
5315 5320 5325 5330 5335 5340 5410 5420 5420 5420 5420 5420 5420 5420 542	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Collecting Collecting Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub-Total Billing and Collecting Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub-Total Community Relations Executive Safaries and Expenses General Administrative Safaries and Expenses Office Supplies and Benefits Franchise Requirements Regulatory Expenses General Advertising Expenses General Advertising Expenses Miscellaneous Guest Plant	597,136 129,083 181,561 181,561 108,670 	588,074 115,589 158,544 517 (53,051) 100,961 	605.866 155.915 138.419 376 (5.100) 258.213 	534,054 534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 41,375 128,843 105,144 - 179,402 - 16,7,140 266,400	530.277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,175,449 531,221 1,175,449 531,221 1,175,449 532,363 137,695 44,411 136,689 120,103 
5315 5320 5325 5330 5335 5340 5410 5420 5420 5420 5420 5420 5420 5420 542	Meter Reading Expense Customer Billing Collecting Collecting-Cash Over and Short Collecting-Cash Over Accounts Expenses Sub- Total Billing and Collecting Community Relations - Sundry Community Relations - Sundry Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub- Total Community Relations Executive Salaries and Expenses Management Salaries and Expenses General Administrative Salaries and Expenses Outside Services Employed Property Insurance Injuries and Damages Employee Pensions and Benefits Franchise Requirements Regulatory Expenses General Advertising Expenses	597,136 129,083 181,561 112 - 108,670 - 1,016,562 - 35,257 45 - 35,302 - 1,034,882 358,140 961,669 465,773 67,633 43,009 119,290 75,339 - 207,934 - -	588,074 115,589 158,544 517 (53,051) 100,961 	605,866 155,915 138,419 376 (5,100) 258,213 7,458 8,022 41,600 57,080 1,177,852 455,478 926,923 926,923 926,923 933,394 87,144 38,378 131,939 102,306 - 53,585 - - 53,585	534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 59,469 41,375 128,843 105,144 	530,277           306,106           151,884           350           (2,400)           210,000           210,000           1,196,217           17,650           8,125           35,597           61,372           1,191,968           507,859           988,218           668,107           128,000           45,152           132,708           107,400           262,080           171,300	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 552,363 137,695 44,411 136,689 120,103 - 313,959 - 177,042
5315 5320 5325 5330 5335 5340 5410 5420 5420 5420 5420 5420 5420 5420 542	Meter Reading Expense Customer Billing Collecting Collecting Collecting Collecting Collecting Collecting Collecting Collecting Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub-Total Billing and Collecting Community Safety Program Miscellaneous Customer Service and Informational Expenses Sub-Total Community Relations Executive Safaries and Expenses General Administrative Safaries and Expenses Office Supplies and Benefits Franchise Requirements Regulatory Expenses General Advertising Expenses General Advertising Expenses Miscellaneous Guest Plant	597,136 129,083 181,561 181,561 108,670 	588,074 115,589 158,544 517 (53,051) 100,961 	605.866 155.915 138.419 376 (5.100) 258.213 7.458 8.022 41.600 <b>57.080</b> 1.177.852 455.478 926.923 533.394 87.144 38.378 131.939 102.306 	534,054 534,054 169,921 139,869 421 (2,310) 375,980 1,217,935 16,093 7,376 15,963 39,432 1,190,921 476,379 941,330 514,294 41,375 128,843 105,144 - 179,402 - 16,7,140 266,400	530.277 306,106 151,884 350 (2,400) 210,000 	455,227 444,868 249,504 350 (2,355) 300,000 1,447,594 12,866 8,315 25,788 46,969 1,267,449 531,221 1,175,449 531,221 1,175,449 592,363 137,695 44,411 136,689 120,103 

## **UPDATED OM&A CALCULATION**

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## ATTACHMENT F

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# **Updated Tax Calculation**

## Updated CCA Schedules for 2009 as per Settlement Conference

				CC	A Continuity Sche	dule (2009)							
Class	Class Description	UCC Prior Year Ending Balance	Less: Non-Distribution Portion	Less: Disallowed FMV Increment	UCC Bridge Year Opening Balance	Additions	Dispositions	UCC Before 1/2 Yr Adjustment	1/2 Year Rule {1/2 Additions Less Disposals}	Reduced UCC	Rate %	CCA	UCC Ending Balance
1	Distribution System - 1988 to 22-Feb-2005	34,498,531	0	0	34,498,531	-	-	34,498,531	0	34.498.531	4%	1.379.941	33.118.590
2	Distribution System - pre 1988	31,864,903	0	0	31,864,903	-	-	31,864,903	0	31,864,903	6%	1,911,894	29,953,009
6	Buildings (No footings below ground)	42,073	0	0	42,073	-	-	42,073	0	42,073	10%	4,207	37,866
8	General Office/Stores Equip	482,701	0	0	482,701	159,000.00	-	641,701	79,500	562,201	20%	112,440	529,261
10	Computer Hardware/ Vehicles	838,593	0	0	838,593	729,000.00	57,777.00	1,509,816	335,612	1,174,205	30%	352,261	1,157,555
10.1	Certain Automobiles	0	0	0	0	-	-	0	0	0	30%	0	0
12	Computer Software	296,208	0	0	296,208	194,000.00	-	490,208	97,000	393,208	100%	393,208	97,000
3	Building including Components after 1978 and before 1988	768,229	0	0	768,229	-	-	768,229	0	768,229	5%	38,411	729,818
			0	0	0	-	-	0	0	0		0	0
13 3	Lease # 3	0	0	0	0	-	-	0	0	0		0	0
13 4	Lease # 4	0	0	0	0	-	-	0	0	0		0	0
14	Franchise	0	0	0	0	-	-	0	0	0		0	0
17	New Electrical Generating Equipment Acq'd after Feb 27/00 Other Than Bldgs	265,816	0	0	265,816		-	265,816	0	265,816	8%	21,265	244,551
43.1	Certain Energy-Efficient Electrical Generating Equipment	0	0	0	0	-	-	0	0	0	30%	0	0
45	Computers & Systems Hardware acq'd post Mar 22/04	29,721	0	0	29,721		-	29,721	0	29,721	45%	13,374	16,347
50	Computers & Systems Hardware acq'd post Mar 19/07	156,625	0	0	156,625		-	156,625	0	156,625	55%	86,144	70,481
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	0	0	0	0	-	-	0	0	0	30%	0	0
47	Distribution System - post 22-Feb-2005	23,531,206			23,531,206	8,002,000.00	-	31,533,206	4,001,000	27,532,206	8%	2,202,576	29,330,630
52	Computer Hardware & System Purchase after Jan 27, 2009 and Prior feb 20100	0	0	0	0	149,000.00	-	149,000	0	149,000	100%	149,000	0
	SUB-TOTAL - UCC	92,774,606	0	0	92,774,606	9,233,000	57,777	101,949,829	4,513,112	97,436,718		6,664,724	95,285,105

## Updated CCA Schedules for 2010 as per Settlement Conference

				CCA	A Continuity Sched	lule (2010)							
		UCC Prior Year	Less: Non-Distribution		UCC Bridge Year			UCC Before 1/2 Yr	1/2 Year Rule {1/2 Additions				UCC Ending
Class		Ending Balance	Portion	Increment	Opening Balance	Additions	Dispositions	Adjustment	Less Disposals}	Reduced UCC		CCA	Balance
1	Distribution System - 1988 to 22-Feb-2005	33,118,590	0	0	33,118,590	-	-	33,118,590	0	33,118,590	4%	1,324,744	31,793,846
2	Distribution System - pre 1988	29,953,009	0	0	29,953,009	-	-	29,953,009	0	29,953,009	6%	1,797,181	28,155,828
6	Buildings (No footings below ground)	37,866	0	0	37,866	-	-	37,866	0	37,866	10%	3,787	34,079
8	General Office/Stores Equip	529,261	0	0	529,261	178,000.00	-	707,261	89,000	618,261	20%	123,652	583,609
10	Computer Hardware/ Vehicles	1,157,555	0	0	1,157,555	125,000.00	4,500.00	1,278,055	60,250	1,217,805	30%	365,341	912,713
10.1	Certain Automobiles	0	0	0	0	-	-	0	0	0	30%	0	0
12	Computer Software	97,000	0	0	97,000	2,985,000.00	-	3,082,000	1,492,500	1,589,500	100%	1,589,500	1,492,500
	Building including Components after 1978 and before												
3	1988	729,818	0	0	729,818	-	-	729,818	0	729,818	5%	36,491	693,327
		0	0	0	0	-	-	0	0	0	0%	0	0
13 3	Lease # 3	0	0	0	0	-	-	0	0	0		0	0
13 4	Lease # 4	0	0	0	0	-	-	0	0	0		0	0
14	Franchise	0	0	0	0	-	-	0	0	0		0	0
	New Electrical Generating Equipment Acq'd after Feb												
17	27/00 Other Than Bldgs	244,551	0	0	244,551	-	-	244,551	0	244,551	8%	19,564	224,987
	Certain Energy-Efficient Electrical Generating												
43.1	Equipment	0	0	0	0	-	-	0	0	0	30%	0	0
45	Computers & Systems Hardware acg'd post Mar 22/04	16.347	0	0	16.347			16.347	0	16.347	45%	7.356	8.991
.0	compatible a officially hardware and a poor mar 22/04	10,011	Ŭ		10,0 11			10,017	Ů	10,011	1070	1,000	0,001
50	Computers & Systems Hardware acq'd post Mar 19/07	70,481	0	0	70,481	-	-	70,481	0	70,481	55%	38,765	31,717
	Data Network Infrastructure Equipment (acq'd post Mar												
46	22/04)	0	0	0	0	-	-	0	0	0	30%	0	0
47	Distribution System - post 22-Feb-2005	29,330,630	0		29,330,630	7,915,000.00	-	37,245,630	3,957,500	33,288,130	8%	2,663,050	34,582,579
	Computer Hardware & System Purchase after Jan 27,												
52	2009 and Prior feb 20100	0	0	0	0	167,000.00	-	167,000	0	167,000	100%	167,000	0
	SUB-TOTAL - UCC	95,285,105	0	0	95,285,105	11,370,000	4,500	106,650,605	5,599,250	101,051,355		8,136,430	98,514,175

## Revised Table 42 – Detail Tax Calculation – UPDATED FEBRUARY 17, 2010

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Description	2009 Bridge	2010 Test
Determination of Taxable Income		
Utility Income Before Taxes	4,112,698	4,032,283
Book to Tax Adjustments		
Additions to Accounting Income:	0	0
Interest and penalties on taxes Amortization of tangible assets	6,730,783	6,628,626
Charitable donations	4,500	0,028,020
Non-deductible club dues and fees	4,500	0
Non-deductible meals and entertainment expense	0	0
Reserves from financial statements- balance at end of year	1,800,360	1,800,360
Pensions	0	0
Non-deductible penalties	0	0
Debt Financing Expenses for Book Purposes	0	0
Other Additions	23,607	34,047
otal Additions	8,559,250	8,463,033
Industions from A accounting Income.		
eductions from Accounting Income: Gain on disposal of assets per financial statements	0	0
Dividends not taxable under section 83	0	0
Capital cost allowance from Schedule 8	6,664,724	8,136,430
Terminal loss from Schedule 8	0	0
Cumulative eligible capital deduction from Schedule 10	159,030	147,898
Reserves from financial statements - balance at beginning of year	1,800,360	1,800,360
Other Deductions	14,813	14,813
otal Deductions	8,638,927	10,099,501
Regulatory Taxable Income	4,033,021	2,395,815
Corporate Income Tax Rate	33.00%	28.53%
Regulatory Income Tax	1,330,897	683,526
Calculation of Utility Income Taxes Income Taxes	1,330,897	683,526
Large Corporation Tax	0	0
Ontario Capital Tax	196,505	67,139
otal Taxes	1,527,402	750,665
arge Corporation Tax		
Calculation of Ontario Capital Tax	102 225 720	10/ 519 02
Total Rate Base Less Exemption	102,335,730 15,000,000	104,518,02 15,000,000
axable Capital /Deemed taxable capital	87,335,730	89,518,021
OCT Rate	0.225%	0.075%
		0.07070
Ontario Capital Tax	196,505	67,139
summary of Income Taxes		
Description	2009 Bridge	2010 Test
Income Taxes	1,330,897	683,526
Large Corporation Tax Ontario Capital Tax	0	67 120
Ontario Capital Tax	196,505	67,139
	1,527,402	750,665

## Summary of Taxes - UPDATED FEBRUARY 17, 2010

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2010 P	ILs Schedu	le	2010 Total Taxes				
Description	Source or Input	Tax Payable	Description	Tax Payable			
Accounting Income	10' Rev Def	4,032,283	Total PILs	683,529			
Tax Adj to Accounting Income	10' Rev Def	(1,636,468)	Net Capital Tax Payable	67,139			
Taxable Income		2,395,815	PILs including Capital Taxes	750,667			
Combined Income Tax Rate	PILs Rates	31.00%		_			
Total Income Taxes		742,703					
Investment Tax Credits Miscellaneous Tax Credits Total Tax Credits		59,174					
Total PILs		683,529					

У	742,703
	67,139
	809,841
(27,174)	
(30,000)	
(2,000)	<u>(59,174)</u> 750,667
	(27,174) (30,000)

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# ATTACHMENT G

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Updated Weighted Average Cost of Debt Calculation

Description	Debt	Rate	Interest Cost
Shareholder loan	3,019,703	4.99%	150,683
Demand loan	35,000,000	4.99%	1,747,550
Total	38,019,703		1,898,233
Weighted Average Co = Total Interest Cost/			4.99%

## UPDATED WEIGHTED AVERAGE COST OF DEBT FOR 2010

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## ATTACHMENT H

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## **Bill Impacts**

#### EB-2009-0260 Cambridge and North Dumfries Hydro Inc. Settlement Agreement Filed February 10, 2010/<u>Updated February 17, 2010</u> Page 44 of 47

				2	010 Total Bill In	mpact (Prefile	d Evidence)					
				2009	Rates			20 <sup>-</sup>	10 Rates		2010 Char	nge
					Non-			Rate Rider	Non-			<b>J</b> .
	kWh	kW	Distribution	Rate Rider (\$)	Distribution (\$)	Total	Distribution	(\$)	Distribution (\$)	Total	\$	%
Residential												
	100		10.15			20.31	11.34	0.18	9.02	20.54	0.23	1.13%
	250		12.28	1.00	22.16	35.44	13.70	(1.06)	21.75	34.39	(1.05)	-2.96%
	500		15.83			60.67	17.65	(3.12)		57.48	(3.19)	-5.26%
	800		20.09	1.00	72.08	93.17	22.39	(5.58)	70.51	87.32	(5.85)	-6.28%
	1,000		22.93			115.29	25.55	(7.23)		107.73	(7.56)	-6.56%
	1,500		30.03			170.66	33.45	(11.35)		158.78	(11.88)	-6.96%
	2,000		37.13	1.00	187.90	226.03	41.35	(15.46)	183.95	209.84	(16.19)	-7.16%
GS<50 kW										-		
	1,000		25.37	1.00		115.67	25.22	(5.89)		106.65	(9.02)	-7.80%
	2,000		38.47	1.00		224.49	38.22	(12.78)		206.50	(17.99)	-8.01%
	5,000		77.77	1.00		550.96	77.22	(33.45)		506.07	(44.89)	-8.15%
	10,000		143.27	1.00	950.81	1,095.08	142.22	(67.90)	931.03	1,005.35	(89.73)	-8.19%
	15,000		208.77	1.00	1,429.43	1,639.20	207.22	(102.35)	1,399.75	1,504.62	(134.58)	-8.21%
GS >50- 999 kW										-		
	20,000	60	300.79	1.00	1,945.66	2,247.45	334.94	(118.30)	1,922.26	2,138.90	(108.55)	-4.83%
	30,000	100	435.19	1.00	2,968.78	3,404.97	484.70	(197.83)	2,898.32	3,185.19	(219.78)	-6.45%
	100,000	199	767.83	1.00	9,175.13	9,943.96	855.36	(394.68)	8,992.49	9,453.17	(490.79)	-4.94%
GS >1,000 - 4, 999	kW									-		
	500,000	1,500	5,063.18	1.00	46,764.19	51,828.37	5,580.33	(3,389.59)	45,724.15	47,914.89	(3,913.48)	-7.55%
	1,200,000	3,000	7,539.23	1.00	105,527.43	113,067.66	8,481.78	(6,780.18)	104,393.82	106,095.42	(6,972.24)	-6.179
	1,600,000	4,000	9,789.93	1.00	140,690.11	150,481.04	11,017.08	(9,041.57)	139,177.09	141,152.60	(9,328.44)	-6.20%
Large Users > 5000	) kW									-		
	2,850,000	5,500	11,165.89	1.00	243,727.06	254,893.95	15,847.37	(14,390.51)	241,529.58	242,986.44	(11,907.51)	-4.67%
	16,500,000	33,000	45,081.64	1.00	1,414,381.60	1,459,464.24	63,977.87	(86,348.07)	1,400,851.14	1,378,480.94	(80,983.30)	-5.55%
Street Lighting	Connections									-		
	2,118	640	1,674.52		15,488.81	17,163.33	7,022.76	(1,174.01)	15,419.09	21,267.84	4,104.51	23.919
	9,871	1,563	5,358.06		35,542.36	40,900.42	22,484.12	(2,867.16)	35,605.34	55,222.30	14,321.88	35.029
Unmetered												
Scattered Load	Connections									-		
	126	32,529	1,198.50		2,832.09	4,030.59	1,630.08	(234.71)		4,188.42	157.83	3.92%
	271	112,194	3,130.98		9,717.99	12,848.97	4,502.64	(809.53)	8,727.51	12,420.62	(428.35)	-3.339

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				2009	Rates				0 Rates		2010 Char	nge
					Non-			Rate Rider	Non-			
	kWh	kW	Distribution	Rate Rider (\$)	Distribution (\$)	Total	Distribution	(\$)	Distribution (\$)	Total	\$	%
Residential												
	100		10.15	1.00	9.16	20.31	11.84	0.23	9.05	21.12	0.81	3.99%
	250		12.28	1.00	22.16	35.44	14.33	(0.92)	21.78	35.19	(0.25)	-0.71%
	500		15.83	1.00	43.84	60.67	18.48	(2.83)	43.00	58.65	(2.02)	-3.33%
	800		20.09	1.00	72.08	93.17	23.46	(5.13)	70.58	88.91	(4.26)	-4.57%
	1,000		22.93	1.00	91.36	115.29	26.78	(6.67)	89.50	109.61	(5.68)	-4.93%
	1,500		30.03	1.00	139.63	170.66	35.08	(10.50)	136.80	161.38	(9.28)	-5.44%
	2,000		37.13	1.00	187.90	226.03	43.38	(14.33)	184.11	213.16	(12.87)	-5.69%
GS<50 kW										-		
	1,000		25.37	1.00	89.30	115.67	26.21	(5.81)	87.38	107.78	(7.89)	-6.82%
	2,000		38.47	1.00	185.02	224.49	39.71	(12.61)	181.14	208.24	(16.25)	-7.24%
	5,000		77.77	1.00	472.19	550.96	80.21	(33.03)	462.47	509.65	(41.31)	-7.50%
	10,000		143.27	1.00	950.81	1,095.08	147.71	(67.06)	931.34	1,011.99	(83.09)	-7.59%
	15,000		208.77	1.00	1,429.43	1,639.20	215.21	(101.09)	1,400.21	1,514.33	(124.87)	-7.62%
GS >50- 999 kW										-		
	20,000	60	300.79	1.00	1,945.66	2,247.45	348.12	(117.41)	1,922.96	2,153.67	(93.78)	-4.17%
	30,000	100	435.19	1.00	2,968.78	3,404.97	503.76	(196.35)	2,899.35	3,206.76	(198.21)	-5.82%
	100,000	199	767.83	1.00	9,175.13	9,943.96	888.98	(391.72)	8,994.32	9,491.58	(452.38)	-4.55%
GS >1,000 - 4, 999 kW	1									-	. ,	
	500,000	1,500	5,063.18	1.00	46,764.19	51,828.37	5,795.84	(3,355.95)	45,736.61	48,176.50	(3,651.87)	-7.05%
	1,200,000	3,000	7,539.23	1.00	105,527.43	113,067.66	6,973.69	(6,712.89)	106,316.78	106,577.58	(6,490.08)	-5.74%
	1,600,000	4,000	9,789.93	1.00	140,690.11	150,481.04	11,525.59	(8,950.86)	139,207.06	141,781.79	(8,699.25)	-5.78%
Large Users >5000 kl	N									-		
-	2,850,000	5,500	11,165.89	1.00	243,727.06	254,893.95	16,732.45	(14,276.29)	241,579.54	244,035.70	(10,858.25)	-4.26%
	16,500,000	33,000	45,081.64	1.00	1,414,381.60	1,459,464.24	67,555.20	(85,662.74)	1,401,064.27	1,382,956.73	(76,507.51)	-5.24%
Street Lighting	Connections									-		
5 5	2.118	640	1.674.52		15,488.81	17.163.33	6.992.19	(1,158.37)	15.418.34	21,252.16	4.088.83	23.82%
	9.871	1.563	5,358,06		35,542,36	40,900,42	22.385.48	(2.828.95)	35,602,32	55,158,85	14,258,43	34.86%
Unmetered Scattered		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,			.,	,	( ,,======)			,	
Load	Connections											
	126	32,529	1.198.50		2.832.09	4.030.59	1.395.22	(231.84)	2.781.45	3.944.83	(85.76)	-2.13%
	271	112,194	3,130,98		9.717.99	12.848.97	3.642.76	(799.63)	8.695.42	11,538.55	(1,310.42)	-10.20%
			.,		.,	,		()	-,	,	( ) /	

2010 Total Bill Impact (Per Response to Interrogary, OEB Question 55) - UPDATED FEBRUARY 17, 2010

EB-2009-0260 Cambridge and North Dumfries Hydro Inc. Settlement Agreement Filed February 10, 2010/Updated February 17, 2010 Page 46 of 47

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				200	19 Rates Non-				0 Rates Non- Distribution		2010 Char	nge
	kWh	kW	Distribution	Rate Rider (\$)	Distribution (\$)	Total	Distribution	Rate Rider (\$)	(\$)	Total	\$	%
Residential			1									
	100		10.15	1.00	9.16	20.31	11.40	0.62	9.04	21.06	0.75	3.69%
	250		12.28	1.00	22.16	35.44	13.80	0.04	21.80	35.64	0.20	0.56%
	500		15.83	1.00	43.84	60.67	17.80	(0.92)	43.07	59.95	(0.72)	-1.19%
	800		20.09	1.00	72.08	93.17	22.60	(2.07)	70.70	91.23	(1.94)	-2.08%
	1,000		22.93	1.00	91.36	115.29	25.80	(2.83)	89.64	112.61	(2.68)	-2.32%
	1,500		30.03	1.00	139.63	170.66	33.80	(4.75)	137.03	166.08	(4.58)	-2.68%
	2,000		37.13	1.00	187.90	226.03	41.80	(6.67)	184.42	219.55	(6.48)	-2.87%
GS<50 kW												
	1,000		25.37	1.00	89.30	115.67	25.20	(2.40)	87.49	110.29	(5.38)	-4.65%
	2,000		38.47	1.00	185.02	224.49	38.20	(5.81)	181.42	213.81	(10.68)	-4.76%
	5,000		77.77	1.00	472.19	550.96	77.20	(16.02)	463.17	524.35	(26.61)	-4.83%
	10,000		143.27	1.00	950.81	1,095.08	142.20	(33.03)	932.77	1,041.94	(53.14)	-4.85%
	15,000		208.77	1.00	1,429.43	1,639.20	207.20	(50.05)	1,402.37	1,559.52	(79.68)	-4.86%
GS >50- 999 kW												
	20,000	60	300.79	1.00	1,945.66	2,247.45	335.20	(58.20)	1,925.28	2,202.28	(45.17)	-2.01%
	30,000	100	435.19	1.00	2,968.78	3,404.97	485.10	(97.67)	2,903.35	3,290.78	(114.19)	-3.35%
	100,000	199	767.83	1.00	9,175.13	9,943.96	856.10	(195.36)	9,002.50	9,663.24	(280.72)	-2.82%
GS >1,000 - 4, 999 kV	1											
	500,000	1,500	5,063.18	1.00	46,764.19	51,828.37	5,609.59	(1,677.47)	45,811.21	49,743.33	(2,085.04)	-4.02%
	1,200,000	3,000	7,539.23	1.00	105,527.43	113,067.66	8,535.34	(3,355.95)	104,567.71	109,747.10	(3,320.56)	-2.94%
	1,600,000	4,000	9,789.93	1.00	140,690.11	150,481.04	11,085.84	(4,474.93)	139,408.87	146,019.78	(4,461.26)	-2.96%
Large Users >5000 k	N											
	2,850,000	5,500	11,165.89	1.00	243,727.06	254,893.95	15,956.63	(7,137.65)	241,897.69	250,716.67	(4,177.28)	-1.64%
	16,500,000	33,000	45,081.64	1.00	1,414,381.60	1,459,464.24	64,433.63	(42,830.87)	1,403,049.78	1,424,652.54	(34,811.70)	-2.39%
Street Lighting	Connections											
	2,118	640	1,674.52		15,488.81	17,163.33	6,813.41	(579.18)	15,438.36	21,672.59	4,509.26	26.27%
	9,871	1,563	5,358.06		35,542.36	40,900.42	21,813.08	(1,414.47)	35,644.43	56,043.04	15,142.62	37.02%
Unmetered Scattered	I											
Load	Connections											
	126	32,529	1,198.50		2,832.09	4,030.59	1,575.41	(115.92)	2,796.25	4,255.74	225.15	5.59%
	271	112,194	3,130.98		9,717.99	12,848.97	4,114.76	(399.81)	9,158.81	12,873.76	24.79	0.19%
			I				I					

2010 Total Bill Impact (As per ADR, using 2009 ROE of 8.01%) - UPDATED FEBRUARY 17, 2010

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				2009 Rates 2010 Rates							2010 Change	
					Non-			Rate Rider	Non-			•
	kWh	kW	Distribution	Rate Rider (\$)	Distribution (\$)	Total	Distribution	(\$)	Distribution (\$)	Total	\$	%
Residential												
	100		10.15	1.00	9.16	20.31	11.95	0.62	9.07	21.64	1.33	6.55%
	250		12.28	1.00	22.16	35.44	14.47	0.04	21.84	36.35	0.91	2.57%
	500		15.83	1.00	43.84	60.67	18.67	(0.92)	43.11	60.86	0.19	0.31%
	800		20.09	1.00	72.08	93.17	23.71	(2.07)	70.76	92.40	(0.77)	-0.83%
	1,000		22.93	1.00	91.36	115.29	27.07	(2.83)	89.70	113.94	(1.35)	-1.17%
	1,500		30.03	1.00	139.63	170.66	35.47	(4.75)	137.11	167.83	(2.83)	-1.66%
	2,000		37.13	1.00	187.90	226.03	43.87	(6.67)	184.52	221.72	(4.31)	-1.91%
GS<50 kW												
	1,000		25.37	1.00	89.30	115.67	26.35	(2.40)	87.55	111.50	(4.17)	-3.61%
	2,000		38.47	1.00	185.02	224.49	39.95	(5.81)	181.50	215.64	(8.85)	-3.94%
	5,000		77.77	1.00	472.19	550.96	80.75	(16.02)	463.36	528.09	(22.87)	-4.15%
	10,000		143.27	1.00	950.81	1,095.08	148.75	(33.03)	933.09	1,048.81	(46.27)	-4.23%
	15,000		208.77	1.00	1,429.43	1,639.20	216.75	(50.05)	1,402.84	1,569.54	(69.66)	-4.25%
GS >50- 999 kW												
	20,000	60	300.79	1.00	1,945.66	2,247.45	351.25	(58.20)	1,926.08	2,219.13	(28.32)	-1.26%
	30,000	100	435.19	1.00	2,968.78	3,404.97	508.29	(97.67)	2,904.51	3,315.13	(89.84)	-2.64%
	100,000	199	767.83	1.00	9,175.13	9,943.96	896.95	(195.36)	9,004.54	9,706.13	(237.83)	-2.39%
GS >1,000 - 4, 999 k\	N											
	500,000	1,500	5,063.18	1.00	46,764.19	51,828.37	5,839.75	(1,677.47)	45,822.72	49,985.00	(1,843.37)	-3.56%
	1,200,000	3,000	7,539.23	1.00	105,527.43	113,067.66	8,953.45	(3,355.95)	104,588.62	110,186.12	(2,881.54)	-2.55%
	1,600,000	4,000	9,789.93	1.00	140,690.11	150,481.04	11,626.25	(4,474.93)	139,439.04	146,590.36	(3,890.68)	-2.59%
Large Users >5000 k	w											
	2,850,000	5,500	11,165.89	1.00	243,727.06	254,893.95	16,706.55	(7,137.65)	241,935.18	251,504.08	(3,389.87)	-1.33%
	16,500,000	33,000	45,081.64	1.00	1,414,381.60	1,459,464.24	67,449.55	(42,830.87)	1,403,200.58	1,427,819.26	(31,644.98)	-2.17%
Street Lighting	Connections											
5 5	2,118	640	1.674.52		15.488.81	17.163.33	7.195.56	(579.18)	15,457.47	22,073.85	4.910.52	28.61%
	9.871	1.563	5,358,06		35,542,36	40,900,42	23.036.74	(1,414,47)	35,705,61	57.327.88	16,427,46	40.16%
Unmetered Scattere		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,			.,	.,	( , ,		. ,======	.,.=	
Load	Connections											
	126	32,529	1,198.50		2,832.09	4,030.59	1,659.05	(115.92)	2,800.44	4,343.57	312.98	7.77%
	271	112.194	3,130.98		9.717.99	12,848.97	4.332.67	(399.81)	9,169,70	13,102.56	253.59	1.97%
			0,100.00		0,	12,010.01	1,002.07	(000.01)	0,100.10	.0,.02.00	200.00	

2010 Total Bill Impact (ADR plus 9.75% ROE) - UPDATED FEBRUARY 17, 2010

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