Hydro One Networks Inc.

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**Susan Frank** Vice President and Chief Regulatory Officer Regulatory Affairs



## BY COURIER

January 5, 2011

Ms. Kirsten Walli Secretary Ontario Energy Board Suite 2700, 2300 Yonge Street P.O. Box 2319 Toronto, ON. M4P 1E4

Dear Ms. Walli

## EB-2010-0002 – Hydro One Networks' 2011-2012 Electricity Transmission Revenue Requirement – Final Revenue Requirements & Charge Determinants in Accordance with Decision

In its Decision with Reasons dated December 23, 2010, the Board directed Hydro One to file with the Board and all intervenors of record a draft exhibit showing the final revenue requirement to reflect the Board's findings in this Decision and an exhibit showing the calculation of the uniform transmission rates and revenue shares resulting from this Decision.

Attached please find the requested exhibits, as well as documentation providing a clear explanation of all calculations and assumptions used in deriving the amounts used in these exhibits, as specified by the Board. The revenue requirements of \$1345.6 million for 2011 and \$1657.6 million in 2012 are detailed in exhibits 1.0 to 1.9. The calculation of the 2011 UTR's, wholesale meter rates, low voltage switchgear credit, charge determinants and revenue shares resulting from the Board's findings in this decision are detailed in exhibits 2.0 to 6.0. The 2011 UTR's in \$/kW-Month are determined to be 3.22 for Network, 0.79 for Line Connection and 1.77 for Transformation Connection. In addition, a listing of the studies and reports requested by the Board in their Decision and a listing of all variance and deferral accounts as approved by the Board in their Decision are provided in exhibits 7 and 8 respectively.

The attached exhibits reflect all changes as ordered by the Board to Hydro One's proposed submission as summarized in Hydro One's prefiled evidence. In summary, Hydro One has:

• Reduced OM&A costs by 3% for 2011 and 4% for 2012



- Applied the cost of capital parameters released by the Board on November 15, 2010 for purposes of establishing Hydro One's cost of capital for 2011. The 2012 test year cost of capital parameters will be set based upon September 2011 data which will be issued by the OEB in due course.
- Updated the average cost of embedded debt for 2011 and 2012 by incorporating the actual principal amount and cost rate for debt issued in 2010, and the forecast coupon rates for 2011 and 2012 as per the September 2010 consensus forecast and October 2010 long-term consensus forecast respectively.
- In 2012, reflected the \$200 million shift of CAPEX to OM&A due to the transition to IFRS capitalization policy. Rate base was also updated to reflect this change.
- Recalculated the resulting HST-related reduction in OM&A to reflect the above changes in the OM&A envelopes and recognized this reduction in the revenue requirement. Recalculated the capital related HST effect in the revenue requirement to reflect the removal of projects D43 and D44 and the 2012 transition to IFRS capitalization policy.
- Recalculated the rate base to reflect the revised AFUDC rates for 2010, 2011 and 2012 and the removal of the accelerated inclusion of CWIP with respect to the Bruce to Milton project.
- Removed the capital expenditures in both test years for Protection and Control Development projects D43 and D44 as identified by the OEB. As these projects are forecast to come into service in 2011 and 2012, the 2011 and 2012 Revenue Requirement was also reduced.
- Revised the Forecast of External Revenues to reflect the increase to the forecast for Station Maintenance.
- Increased the forecast of Export Transmission Service Revenue.
- Applied a 12 month disposition for all variance accounts.
- Due to the reduced 2011 Revenue Requirement from the above changes, Hydro One has also lowered its Low Voltage Switchgear Credit along with its Wholesale Meter Rate.

In the Decision, the Board has outlined its concerns in some specific areas and provided indications as to how Hydro One could improve its next Transmission Business cost of service application. Hydro One accepts and appreciates the guidance the Board has provided and will reflect it in its next Transmission cost of service application.

As directed by the Board, all intervenors, by copy of this letter, are notified of this filing with the Board and of the fact that they have the opportunity to provide comment, if any, to the Board within 7 calendar days from today.

If you have any questions regarding this submission please contact Anne-Marie Reilly at 416 345-6482.

Sincerely,

ORIGINAL SIGNED BY SUSAN FRANK

Susan Frank

Attach. c. EB-2010-0002 Intervenors (electronic)

# TABLE OF CONTENTSEB-2010-0002 BOARD DECISION WITH REASONSREVENUE REQUIREMENTS, CHARGE DETERMINANTS & OTHER

#### **EXHIBIT** TITLE 1.0 **Revenue Requirement Summary** 1.1 **OM&A** Details 1.2 Rate Base and Depreciation Details 1.3 **Capital Expenditures Details** 1.4 Capital Structure and Return on Capital Details Cost of Long Term Debt Capital 2011 1.4.1 1.4.2 Cost of Long Term Debt Capital 2012 1.5 Income Tax Summary 1.6 **External Revenue Details** 1.7 **Export Transmission Service Revenue** 1.8 Deferral and Variance Account Disposition 1.9 Continuity of Revenue Requirement 2.0 **2011 Revenue Requirement By Rate Pool** 3.0 Summary Charge Determinants (for Setting 2011 UTR's) 4.0 **Uniform Transmission Rates and Revenue Disbursement Factors 2011** 4.1 Revenue Requirement and Charge Determinant Assumptions for Other Transmitters 5.0 Wholesale Meter Service And Exit Fee Schedule 5.1 Wholesale Meter Rate Calculations 2011 6.0 Low Voltage Switchgear (LVSG) Credit Calculation 2011 7.0 **Studies and Reports Deferral and Variance Accounts** 8.0

#### Revenue Requirement Summary

| (\$ millions)                     | Supporting<br>Reference | Hydro One Proposed<br>2011 | Hydro One Proposed<br>2012 | OEB Decision Impact<br>2011 | OEB Decision Impact<br>2012 | OEB Approved<br>2011 | OEB Approved<br>2012 |
|-----------------------------------|-------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------|----------------------|
|                                   |                         |                            |                            |                             |                             |                      |                      |
| OM&A                              | Exhibit 1.1             | 436.3                      | 450.0                      | (17.6)                      | 177.1                       | 418.8                | 627.1                |
| Depreciation                      | Exhibit 1.2             | 302.9                      | 334.8                      | (1.0)                       | (4.1)                       | 301.8                | 330.8                |
| Return on Debt                    | Exhibit 1.4             | 284.8                      | 312.3                      | (27.3)                      | (25.1)                      | 257.5                | 287.1                |
| Return on Equity                  | Exhibit 1.4             | 340.5                      | 380.4                      | (37.0)                      | (28.3)                      | 303.5                | 352.1                |
| Income Tax                        | Exhibit 1.5             | 80.9                       | 70.0                       | (17.0)                      | (9.4)                       | 64.0                 | 60.6                 |
| Base Revenue Requirement          |                         | 1,445.5                    | 1,547.4                    | (99.9)                      | 110.2                       | 1,345.6              | 1,657.6              |
| Deduct: External Revenue          | Exhibit 1.6             | 31.3                       | 24.7                       | 2.4                         | 4.0                         | 33.7                 | 28.7                 |
| Subtotal                          |                         | 1,414.2                    | 1,522.7                    | (102.3)                     | 106.2                       | 1,311.8              | 1,628.9              |
| Deduct: Export Tx Service Revenue | Exhibit 1.7             | (10.1)                     | (10.2)                     | (5.9)                       | (5.8)                       | (16.0)               | (16.0)               |
| Deduct: Other Cost Charges        | Exhibit 1.8             | (10.0)                     | 2.6                        | 2.6                         | (2.6)                       | (7.4)                | -                    |
| Add: Low Voltage Switch Gear      | Note 2                  | 11.8                       | 12.5                       | (0.7)                       | 1.4                         | 11.1                 | 13.9                 |
| Rates Revenue Requirement         |                         | 1,405.8                    | 1,527.5                    | (106.3)                     | 99.3                        | 1,299.5              | 1,626.8              |

Note 1: In 2011, a variance account will be established for the impact of further changes to IFRS; IFRS gains an losses; and the \$200 million impact on 2012 Revenue Requirement of adopting IFRS accounting for overheads capitalized [this is estimated to be \$196.7 million once the rate base impact is taken into account of the shift from capex to OM&A]. Further, the 2012 Revenue Requirement impact if the Bruce to Milton Project in-service date is delayed from 2012 until 2013 will also be tracked in a variance account. Also, variance accounts will continue to be utilized for export revenues, secondary land use, External Station Maintenance and E&CS revenues to track changes from approved amounts.

Note 2: The value of \$13.9M for LVSG in 2012 is an estimate and will be revised once the 2012 Revenue Requirement is finalized in the fall of 2011.

### OM&A

| (\$ millions) | Supporting<br>Reference | Hydro One Proposed<br>2011 | Hydro One Proposed<br>2012 | OEB Decision Impact<br>2011 | OEB Decision Impact<br>2012 | OEB Approved<br>2011 | OEB Approved<br>2012 |
|---------------|-------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------|----------------------|
|               |                         |                            |                            |                             |                             |                      |                      |
|               | See supporting details  |                            |                            |                             |                             |                      |                      |
| OM&A          | below                   | 436.3                      | 450.0                      | (17.6)                      | 177.1                       | 418.8                | 627.1                |

OEB Decision Impact Supporting Details

| Adjustments                               | Reference | 2011 OM&A Impacts | 2012 OM&A Impacts |
|---|-----------|-------------------|-------------------|
| Adjustment for HST                        | Page 11   | (4.6              | ) (5.1)           |
| Envelope Reduction                        | Page 11   | (13.0             | ) (17.8)          |
| IFRS Accounting for Overheads Capitalized | Page 64   |                   | 200.0             |
|   |           | (17.6             | ) 177.1           |

#### Rate Base and Depreciation

| (\$ millions)  | Supporting<br>Reference  | Hydro One Proposed<br>2011    | Hydro One Proposed<br>2012                  | OEB Decision Impact<br>2011 | OEB Decision Impact<br>2012                   | OEB Approved<br>2011                   | OEB Approved<br>2012                         |
|--|--|-------------------------------|---|-----------------------------|---|--|--|
| Rate Base  | See supporting details below                                   | 8,378.5                       | 9,134.6                                     | (526.0)                     | (408.3)                                       | 7,852.6                                | 8,726.3                                      |
| Depreciation   | See supporting details below                                   | 302.9                         | 334.8                                       | (1.0)                       | (4.1)   | 301.8                                  | 330.8  |
| OEB Decision Impact Supporting Details   | Reference  | 2011 Detailed<br>Computation  | 2012 Detailed<br>Computation                | 2011 Rate Base<br>Impact    | 2012 Rate Base<br>Impact                      | 2011 Depreciation<br>Impact            | 2012 Depreciation<br>Impact                  |
| Working Capital Adjustment<br>Rate Base Details<br>Utility plant (average)<br>Gross plant at cost<br>Less: Accumulated depreciation<br>Add: CWIP<br>Net utility plant  | Pre-filed Evidence Exh<br>D1-1-1                               | •                             | 13,509.5<br>(4,690.6)<br>289.0<br>9,107.9   |                             |   |  |  |
| Working capital<br>Cash working capital<br>Materials & supplies inventory<br>Total working capital   |  | 7.1<br>17.4<br>24.5           | 5.0<br>21.7<br>26.7                         |                             |   |  |  |
| Total Rate Base  |  | 8,378.5                       | 9,134.6                                     |                             |   |  |  |
| Working capital as % of OM&A   | (a)  | 5.6%                          | 5.9%  |                             |   |  |  |
| OM&A Reduction (net of adjustment for HST)   | Exhibit 1.1 (b)  | (13.0)                        | 182.2                                       |                             |   |  |  |
| Working capital reduction  | (c) = (a) x (b)  | (0.7)                         | 10.8  | (0.7)                       | 10.8  |  |  |
| Capex Adjustments  |  | 2011 Capex                    | 2012 Capex                                  |                             |   |  |  |
| Adjustment for HST (includes working capital)<br>Adjustment for AFUDC rate<br>D43 and D44 Adjustment<br>Bruce x Milton CWIP removal<br>Bruce x Milton AFUDC add back (Note 1)<br>IFRS Accounting for Overheads Capitalized | Page 30<br>Page 31<br>Page 43<br>Page 47<br>Page 47<br>Page 64 | (39.2)<br>(3.2)<br>(10.0)<br> | (30.6)<br>(2.1)<br>(2.9)<br>35.5<br>(200.0) |                             | (10.3)<br>(24.6)<br>(289.0)<br>18.0<br>(60.0) | (0.8)<br>(0.2)<br>(0.1)<br>-<br>-<br>- | (1.7)<br>(0.2)<br>(0.5)<br>-<br>0.4<br>(2.0) |
| Total  |  | (28.4)                        | (227.0)                                     | (526.0)                     | (408.3)                                       | (1.0)                                  | (4.1)  |

Note 1: The 2012 Rate Base Impact of the Bruce to Milton AFUDC add back is net of a \$23.3 million in-service additions correction. This latter amount will be placed into service in 2013.

## Capital Expenditures

| (\$ millions)                          | Supporting<br>Reference      | Hydro One Proposed<br>2011 | Hydro One Proposed<br>2012 | OEB Decision Impact<br>2011 | OEB Decision Impact<br>2012 | OEB Approved<br>2011 | OEB Approved<br>2012 |
|--|------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------|----------------------|
| Capital expenditures                   | See supporting details below | 1,151.8                    | 1,008.3                    | (28.4)                      | (227.0)                     | 1,123.4              | 781.3                |
| OEB Decision Impact Supporting Details |                              |                            |                            | 2011 Capex<br>Impacts       | 2012 Capex<br>Impacts       |                      |                      |

| Impacts | Impacts                           |
|---------|-----------------------------------|
| (39.2)  | (30.6)                            |
| (3.2)   | (2.1)                             |
| (10.0)  | (29.8)                            |
| 24.0    | 35.5                              |
| -       | (200.0)                           |
| (28.4)  | (227.0)                           |
|         | (39.2)<br>(3.2)<br>(10.0)<br>24.0 |

#### Capital Structure and Return on Capital

| (\$ millions)                                    | Supporting<br>Reference       | Hydro One<br>Proposed<br>2011 | Hydro One<br>Proposed<br>2012 | OEB Decision<br>Impact<br>2011 | OEB Decision<br>Impact<br>2012 | OEB Approved<br>2011 | OEB Approved<br>2012 |
|--|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|----------------------|----------------------|
| Return on Rate Base                              |                               |                               |                               |                                |                                |                      | Note 3               |
| Rate Base  | Exhibit 1.2                   | \$ 8,378.5                    | \$ 9,134.6                    | \$ (526.0) \$                  | (408.3)                        | \$ 7,852.6           | \$ 8,726.3           |
| Capital Structure:<br>Third-Party long-term debt |                               | 54.9%                         | 56.7%                         | 5.0%                           | 3.8%                           | 59.8%                | 60.5%                |
| Deemed long-term debt                            |                               | 1.1%                          |                               | ()                             | (3.8%)                         | -3.8%                | -4.5%                |
| Short-term debt                                  |                               | 4.0%                          |                               | 0.0%                           | 0.0%                           | 4.0%                 | 4.0%                 |
| Common equity                                    |                               | 40.0%                         | 40.0%                         | 0.0%                           | 0.0%                           | 40.0%                | 40.0%                |
| Capital Structure:                               |                               |                               |                               |                                |                                |                      |                      |
| Third-Party long-term debt                       | Exhibit 1.4.1 and 1.4.2       | 4,599.3                       | 5,175.1                       | 100.0                          | 100.0                          | 4,699.3              | 5,275.2              |
| Deemed long-term debt                            |                               | 92.7                          | (59.8)                        | (394.6)                        | (328.7)                        | (301.9)              | (388.5)              |
| Short-term debt                                  |                               | 335.1                         | 365.4                         | (21.0)                         | (16.3)                         | 314.1                | 349.1                |
| Common equity                                    |                               | 3,351.4                       | 3,653.8                       | (210.4)                        | (163.3)                        | 3,141.0              | 3,490.5              |
|  |                               | 8,378.5                       | 9,134.6                       | \$ (526.0) \$                  | (408.3)                        | 7,852.6              | 8,726.3              |
| Allowed Return:                                  |                               |                               |                               |                                |                                |                      |                      |
| Third-Party long-term debt                       | Note 1, Exhibit 1.4.1 & 1.4.2 | 5.67%                         | 5.64%                         | (0.14%)                        | (0.24%)                        | 5.52%                | 5.40%                |
| Deemed long-term debt                            | Note 1, Exhibit 1.4.1 & 1.4.2 | 5.67%                         | 5.64%                         | (0.14%)                        | (0.24%)                        | 5.52%                | 5.40%                |
| Short-term debt                                  | Note 2, Page 50               | 3.99%                         | 5.00%                         | (1.06%)                        | 0.19%                          | 2.93%                | 5.19%                |
| Common equity                                    | Note 2, Page 50               | 10.16%                        | 10.41%                        | (0.50%)                        | (0.32%)                        | 9.66%                | 10.09%               |
| Return on Capital:                               |                               |                               |                               |                                |                                |                      |                      |
| Third-Party long-term debt                       |                               | 260.6                         | 291.7                         | (1.1)                          | (7.1)                          | 259.5                | 284.6                |
| Deemed long-term debt                            |                               | 5.3                           | (3.4)                         | (21.9)                         | (17.6)                         | (16.7)               | (21.0)               |
| Short-term debt                                  |                               | 13.4                          | 18.3                          | (4.2)                          | (0.2)                          | 9.2                  | 18.1                 |
| AFUDC return on Niagara Reinforcement Project    | see below                     | 5.6                           | 5.6                           | (0.1)                          | (0.3)                          | 5.5                  | 5.3                  |
| Total return on debt                             |                               | \$ 284.8                      | \$ 312.3                      | \$ (27.3) \$                   | (25.1)                         | \$ 257.5             | \$ 287.1             |
| Common equity                                    |                               | \$ 340.5                      | \$ 380.4                      | \$ (37.0) \$                   | (28.3)                         | \$ 303.5             | \$ 352.1             |
| AFUDC return on Niagara Reinforcement Project    |                               |                               |                               |                                |                                |                      |                      |
| CWIP   |                               | 99.1                          | 99.1                          |                                |                                | 99.1                 | 99.1                 |
| Deemed long-term debt                            | -                             | 5.7%                          |                               |                                | _                              | 5.52%                | 5.40%                |
|  |                               | 5.6                           | 5.6                           |                                | _                              | 5.5                  | 5.3                  |

Note 1: Long-term debt rates have been updated to reflect actual 2010 debt issuances (as shown in Exhibit 1.4.1 lines 27 and 28 and Exhibit 1.4.2 lines 26 and 27) and the forecast coupon rates for 2011 and 2012 have been updated as per the September 2010 Consensus Forecast and October 2010 long-term Consensus Forecast respectively.

Note 2: The approved rates follow the OEB's November 15, 2010 guidance on cost of capital parameters to reflect the September 2010 Consensus Forecast.

Note 3: The 2012 cost of capital parameters & impacts are based on the October 2010 long-term Consensus Forecast and are for illustrative purposes only. Hydro One will submit a 2012 draft rate order to the OEB reflecting the cost of capital parameters issued by the Board once the September 2011 Consensus Forecast becomes available. At that point the up-to-date cost of capital parameters will be applied to determine the 2012 amounts.

#### Hydro One Networks Inc. Transmission Cost of Long-Term Debt Capital Test Year (2011) Year ending December 31

|             | <i></i>          |                 |                  | Principal<br>Amount     | Premium<br>Discount<br>and | <u>Net Capital</u><br>Total | Per \$100<br>Principal |                        | <u>Total Amount</u><br>at | at                       | Avg. Monthly             | Carrying             | Projected<br>Average   |
|-------------|------------------|-----------------|------------------|-------------------------|----------------------------|-----------------------------|------------------------|------------------------|---------------------------|--------------------------|--------------------------|----------------------|------------------------|
| Line<br>No. | Offering<br>Date | Coupon<br>Rate  | Maturity<br>Date | Offered<br>(\$Millions) | Expenses<br>(\$Millions)   | Amount<br>(\$Millions)      | Amount<br>(Dollars)    | Effective<br>Cost Rate | 12/31/10<br>(\$Millions)  | 12/31/11<br>(\$Millions) | Averages<br>(\$Millions) | Cost<br>(\$Millions) | Embedded<br>Cost Rates |
| 110.        | (a)              | (b)             | (c)              | (d)                     | (e)                        | (\$101110113)<br>(f)        | (g)                    | (h)                    | (i)                       | (i)                      | (\$11110113)<br>(k)      | (0)                  | (m)                    |
|             | (-)              |                 |                  | (-)                     | (-)                        | ()                          | (0)                    | ( )                    | ()                        | 0/                       | ( )                      | ()                   | ( )                    |
| 1           | 3-Jun-00         | 7.350%          | 3-Jun-30         | 278.4                   | 4.5                        | 273.9                       | 98.37                  | 7.49%                  | 278.4                     | 278.4                    | 278.4                    | 20.8                 |                        |
| 2           | 22-Jun-01        | 6.400%          | 1-Dec-11         | 174.0                   | (0.5)                      | 174.5                       | 100.28                 | 6.36%                  | 174.0                     | 0.0                      | 160.6                    | 10.2                 |                        |
| 3           | 22-Jun-01        | 6.930%          | 1-Jun-32         | 109.3                   | 1.0                        | 108.2                       | 99.05                  | 7.01%                  | 109.3                     | 109.3                    | 109.3                    | 7.7                  |                        |
| 4           | 17-Sep-02        | 5.770%          | 15-Nov-12        | 87.0                    | 0.4                        | 86.6                        | 99.55                  | 5.83%                  | 87.0                      | 87.0                     | 87.0                     | 5.1                  |                        |
| 5           | 17-Sep-02        | 6.930%          | 1-Jun-32         | 58.0                    | (2.2)                      | 60.2                        | 103.71                 | 6.64%                  | 58.0                      | 58.0                     | 58.0                     | 3.9                  |                        |
| 6           | 31-Jan-03        | 5.770%          | 15-Nov-12        | 189.0                   | (0.9)                      | 189.9                       | 100.48                 | 5.70%                  | 189.0                     | 189.0                    | 189.0                    | 10.8                 |                        |
| 7           | 31-Jan-03        | 6.350%          | 31-Jan-34        | 126.0                   | 1.0                        | 125.0                       | 99.21                  | 6.41%                  | 126.0                     | 126.0                    | 126.0                    | 8.1                  |                        |
| 8           | 22-Apr-03        | 6.590%          | 22-Apr-43        | 145.0                   | 1.1                        | 143.9                       | 99.26                  | 6.64%                  | 145.0                     | 145.0                    | 145.0                    | 9.6                  |                        |
| 9           | 25-Jun-04        | 6.350%          | 31-Jan-34        | 72.0                    | (0.2)                      | 72.2                        | 100.22                 | 6.33%                  | 72.0                      | 72.0                     | 72.0                     | 4.6                  |                        |
| 10          | 20-Aug-04        | 6.590%          | 22-Apr-43        | 39.0                    | (3.1)                      | 42.1                        | 107.89                 | 6.06%                  | 39.0                      | 39.0                     | 39.0                     | 2.4                  |                        |
| 11          | 24-Aug-04        | 6.350%          | 31-Jan-34        | 39.0                    | (1.4)                      | 40.4                        | 103.48                 | 6.09%                  | 39.0                      | 39.0                     | 39.0                     | 2.4                  |                        |
| 12          | 19-May-05        | 5.360%          | 20-May-36        | 228.9                   | 8.2                        | 220.7                       | 96.44                  | 5.60%                  | 228.9                     | 228.9                    | 228.9                    | 12.8                 |                        |
| 13          | 3-Mar-06         | 4.640%          | 3-Mar-16         | 210.0                   | 1.0                        | 209.0                       | 99.52                  | 4.70%                  | 210.0                     | 210.0                    | 210.0                    | 9.9                  |                        |
| 14          | 24-Apr-06        | 5.360%          | 20-May-36        | 187.5                   | 2.5                        | 185.0                       | 98.68                  | 5.45%                  | 187.5                     | 187.5                    | 187.5                    | 10.2                 |                        |
| 15          | 22-Aug-06        | 4.640%          | 3-Mar-16         | 60.0                    | 0.8                        | 59.2                        | 98.75                  | 4.80%                  | 60.0                      | 60.0                     | 60.0                     | 2.9                  |                        |
| 16          | 19-Oct-06        | 5.000%          | 19-Oct-46        | 30.0                    | 0.2                        | 29.8                        | 99.29                  | 5.04%                  | 30.0                      | 30.0                     | 30.0                     | 1.5                  |                        |
| 17          | 13-Mar-07        | 4.890%          | 13-Mar-37        | 240.0                   | 1.3                        | 238.7                       | 99.45                  | 4.93%                  | 240.0                     | 240.0                    | 240.0                    | 11.8                 |                        |
| 18          | 18-Oct-07        | 5.180%          | 18-Oct-17        | 225.0                   | 0.8                        | 224.2                       | 99.63                  | 5.23%                  | 225.0                     | 225.0                    | 225.0                    | 11.8                 |                        |
| 19          | 3-Mar-08         | 5.180%          | 18-Oct-17        | 180.0                   | (3.1)                      | 183.1                       | 101.73                 | 4.95%                  | 180.0                     | 180.0                    | 180.0                    | 8.9                  |                        |
| 20          | 10-Nov-08        | 5.000%          | 12-Nov-13        | 240.0                   | 1.1                        | 238.9                       | 99.53                  | 5.11%                  | 240.0                     | 240.0                    | 240.0                    | 12.3                 |                        |
| 21          | 14-Jan-09        | 5.000%          | 12-Nov-13        | 130.0                   | (3.7)                      | 133.7                       | 102.87                 | 4.33%                  | 130.0                     | 130.0                    | 130.0                    | 5.6                  |                        |
| 22          | 3-Mar-09         | 6.030%          | 3-Mar-39         | 195.0                   | 1.1                        | 193.9                       | 99.43                  | 6.07%                  | 195.0                     | 195.0                    | 195.0                    | 11.8                 |                        |
| 23          | 16-Jul-09        | 5.490%          | 16-Jul-40        | 210.0                   | 1.3                        | 208.7                       | 99.37                  | 5.53%                  | 210.0                     | 210.0                    | 210.0                    | 11.6                 |                        |
| 24          | 19-Nov-09        | 3.130%          | 19-Nov-14        | 175.0                   | 0.6                        | 174.4                       | 99.64                  | 3.21%                  | 175.0                     | 175.0                    | 175.0                    | 5.6                  |                        |
| 25          | 15-Mar-10        | 5.490%          | 16-Jul-40        | 120.0                   | (0.7)                      | 120.7                       | 100.59                 | 5.45%                  | 120.0                     | 120.0                    | 120.0                    | 6.5                  |                        |
| 26          | 15-Mar-10        | 4.400%          | 1-Jun-20         | 180.0                   | 0.8                        | 179.2                       | 99.56                  | 4.45%                  | 180.0                     | 180.0                    | 180.0                    | 8.0                  |                        |
| 27          | 13-Sep-10        | 2.950%          | 11-Sep-15        | 150.0                   | 0.5                        | 149.5                       | 99.64                  | 3.03%                  | 150.0                     | 150.0                    | 150.0                    | 4.5                  | Note 1                 |
| 28          | 13-Sep-10        | 5.000%          | 19-Oct-46        | 150.0                   | (0.4)                      | 150.4                       | 100.27                 | 4.98%                  | 150.0                     | 150.0                    | 150.0                    | 7.5                  | Note 1                 |
| 29          | 15-Mar-11        | 5.370%          | 15-Mar-41        | 300.0                   | 1.5                        | 298.5                       | 99.50                  | 5.40%                  | 0.0                       | 300.0                    | 230.8                    | 12.5                 | Note 2                 |
| 30          | 15-Jun-11        | 4.460%          | 15-Jun-21        | 300.0                   | 1.5                        | 298.5                       | 99.50                  | 4.52%                  | 0.0                       | 300.0                    | 161.5                    | 7.3                  | Note 2                 |
| 31          | 15-Sep-11        | 3.410%          | 15-Sep-16        | 300.0                   | 1.5                        | 298.5                       | 99.50                  | 3.52%                  | 0.0                       | 300.0                    | 92.3                     | 3.2                  | Note 2                 |
| 32          |                  | Subtotal        |                  |                         |                            |                             |                        |                        | 4228.1                    | 4954.1                   | 4699.3                   | 251.8                |                        |
| 33          |                  | Treasury OM&    |                  |                         |                            |                             |                        |                        |                           |                          |                          | 2.1                  |                        |
| 34          |                  | Other financing | g-related fees   |                         |                            |                             |                        |                        |                           |                          |                          | 5.7                  |                        |
| 35          |                  | Total           |                  |                         |                            |                             |                        |                        | 4228.1                    | 4954.1                   | 4699.3                   | 259.5                | 5.52%                  |
|             |                  |                 |                  |                         |                            |                             |                        |                        |                           |                          |                          |                      |                        |

Note 1: Updated to reflect actual 2010 debt issuance

Note 2: Updated to reflect the forecast coupon rates for 2011 as per the September 2010 Consensus Forecast

#### Hydro One Networks Inc. Transmission Cost of Long-Term Debt Capital Test Year (2012) Year ending December 31

|      |           |                 |           | Principal    | Premium<br>Discount | Net Capital  | Employed<br>Per \$100 |           | Total Amount | Outstanding  |              |              | Projected  |
|------|-----------|-----------------|-----------|--------------|---------------------|--------------|-----------------------|-----------|--------------|--------------|--------------|--------------|------------|
|      |           |                 |           | Amount       | and                 | Total        | Principal             |           | at           | at           | Avg. Monthly | Carrying     | Average    |
| Line | Offering  | Coupon          | Maturity  | Offered      | Expenses            | Amount       | Amount                | Effective | 12/31/11     | 12/31/12     | Averages     | Cost         | Embedded   |
| No.  | Date      | Rate            | Date      | (\$Millions) | (\$Millions)        | (\$Millions) | (Dollars)             | Cost Rate | (\$Millions) | (\$Millions) | (\$Millions) | (\$Millions) | Cost Rates |
|      | (a)       | (b)             | (c)       | (d)          | (e)                 | (f)          | (g)                   | (h)       | (i)          | (j)          | (k)          | (I)          | (m)        |
|      |           |                 |           |              |                     |              |                       |           |              |              |              |              |            |
| 1    | 3-Jun-00  | 7.350%          | 3-Jun-30  | 278.4        | 4.5                 | 273.9        | 98.37                 | 7.49%     | 278.4        | 278.4        | 278.4        | 20.8         |            |
| 2    | 22-Jun-01 | 6.930%          | 1-Jun-32  | 109.3        | 1.0                 | 108.2        | 99.05                 | 7.01%     | 109.3        | 109.3        | 109.3        | 7.7          |            |
| 3    | 17-Sep-02 | 5.770%          | 15-Nov-12 | 87.0         | 0.4                 | 86.6         | 99.55                 | 5.83%     | 87.0         | 0.0          | 73.6         | 4.3          |            |
| 4    | 17-Sep-02 | 6.930%          | 1-Jun-32  | 58.0         | (2.2)               | 60.2         | 103.71                | 6.64%     | 58.0         | 58.0         | 58.0         | 3.9          |            |
| 5    | 31-Jan-03 | 5.770%          | 15-Nov-12 | 189.0        | (0.9)               | 189.9        | 100.48                | 5.70%     | 189.0        | 0.0          | 159.9        | 9.1          |            |
| 6    | 31-Jan-03 | 6.350%          | 31-Jan-34 | 126.0        | 1.0                 | 125.0        | 99.21                 | 6.41%     | 126.0        | 126.0        | 126.0        | 8.1          |            |
| 7    | 22-Apr-03 | 6.590%          | 22-Apr-43 | 145.0        | 1.1                 | 143.9        | 99.26                 | 6.64%     | 145.0        | 145.0        | 145.0        | 9.6          |            |
| 8    | 25-Jun-04 | 6.350%          | 31-Jan-34 | 72.0         | (0.2)               | 72.2         | 100.22                | 6.33%     | 72.0         | 72.0         | 72.0         | 4.6          |            |
| 9    | 20-Aug-04 | 6.590%          | 22-Apr-43 | 39.0         | (3.1)               | 42.1         | 107.89                | 6.06%     | 39.0         | 39.0         | 39.0         | 2.4          |            |
| 10   | 24-Aug-04 | 6.350%          | 31-Jan-34 | 39.0         | (1.4)               | 40.4         | 103.48                | 6.09%     | 39.0         | 39.0         | 39.0         | 2.4          |            |
| 11   | 19-May-05 | 5.360%          | 20-May-36 | 228.9        | 8.2                 | 220.7        | 96.44                 | 5.60%     | 228.9        | 228.9        | 228.9        | 12.8         |            |
| 12   | 3-Mar-06  | 4.640%          | 3-Mar-16  | 210.0        | 1.0                 | 209.0        | 99.52                 | 4.70%     | 210.0        | 210.0        | 210.0        | 9.9          |            |
| 13   | 24-Apr-06 | 5.360%          | 20-May-36 | 187.5        | 2.5                 | 185.0        | 98.68                 | 5.45%     | 187.5        | 187.5        | 187.5        | 10.2         |            |
| 14   | 22-Aug-06 | 4.640%          | 3-Mar-16  | 60.0         | 0.8                 | 59.2         | 98.75                 | 4.80%     | 60.0         | 60.0         | 60.0         | 2.9          |            |
| 15   | 19-Oct-06 | 5.000%          | 19-Oct-46 | 30.0         | 0.2                 | 29.8         | 99.29                 | 5.04%     | 30.0         | 30.0         | 30.0         | 1.5          |            |
| 16   | 13-Mar-07 | 4.890%          | 13-Mar-37 | 240.0        | 1.3                 | 238.7        | 99.45                 | 4.93%     | 240.0        | 240.0        | 240.0        | 11.8         |            |
| 17   | 18-Oct-07 | 5.180%          | 18-Oct-17 | 225.0        | 0.8                 | 224.2        | 99.63                 | 5.23%     | 225.0        | 225.0        | 225.0        | 11.8         |            |
| 18   | 3-Mar-08  | 5.180%          | 18-Oct-17 | 180.0        | (3.1)               | 183.1        | 101.73                | 4.95%     | 180.0        | 180.0        | 180.0        | 8.9          |            |
| 19   | 10-Nov-08 | 5.000%          | 12-Nov-13 | 240.0        | 1.1                 | 238.9        | 99.53                 | 5.11%     | 240.0        | 240.0        | 240.0        | 12.3         |            |
| 20   | 14-Jan-09 | 5.000%          | 12-Nov-13 | 130.0        | (3.7)               | 133.7        | 102.87                | 4.33%     | 130.0        | 130.0        | 130.0        | 5.6          |            |
| 21   | 3-Mar-09  | 6.030%          | 3-Mar-39  | 195.0        | 1.1                 | 193.9        | 99.43                 | 6.07%     | 195.0        | 195.0        | 195.0        | 11.8         |            |
| 22   | 16-Jul-09 | 5.490%          | 16-Jul-40 | 210.0        | 1.3                 | 208.7        | 99.37                 | 5.53%     | 210.0        | 210.0        | 210.0        | 11.6         |            |
| 23   | 19-Nov-09 | 3.130%          | 19-Nov-14 | 175.0        | 0.6                 | 174.4        | 99.64                 | 3.21%     | 175.0        | 175.0        | 175.0        | 5.6          |            |
| 24   | 15-Mar-10 | 5.490%          | 16-Jul-40 | 120.0        | (0.7)               | 120.7        | 100.59                | 5.45%     | 120.0        | 120.0        | 120.0        | 6.5          |            |
| 25   | 15-Mar-10 | 4.400%          | 1-Jun-20  | 180.0        | 0.8                 | 179.2        | 99.56                 | 4.45%     | 180.0        | 180.0        | 180.0        | 8.0          |            |
| 26   | 13-Sep-10 | 2.950%          | 11-Sep-15 | 150.0        | 0.5                 | 149.5        | 99.64                 | 3.03%     | 150.0        | 150.0        | 150.0        | 4.5          | Note 1     |
| 27   | 13-Sep-10 | 5.000%          | 19-Oct-46 | 150.0        | (0.4)               | 150.4        | 100.27                | 4.98%     | 150.0        | 150.0        | 150.0        | 7.5          | Note 1     |
| 28   | 15-Mar-11 | 5.370%          | 15-Mar-41 | 300.0        | 1.5                 | 298.5        | 99.50                 | 5.40%     | 300.0        | 300.0        | 300.0        | 16.2         | Note 2     |
| 29   | 15-Jun-11 | 4.460%          | 15-Jun-21 | 300.0        | 1.5                 | 298.5        | 99.50                 | 4.52%     | 300.0        | 300.0        | 300.0        | 13.6         | Note 2     |
| 30   | 15-Sep-11 | 3.410%          | 15-Sep-16 | 300.0        | 1.5                 | 298.5        | 99.50                 | 3.52%     | 300.0        | 300.0        | 300.0        | 10.6         | Note 2     |
| 31   | 15-Mar-12 | 6.220%          | 15-Mar-42 | 225.0        | 1.1                 | 223.9        | 99.50                 | 6.26%     | 0.0          | 225.0        | 173.1        | 10.8         | Note 3     |
| 32   | 15-Jun-12 | 5.310%          | 15-Jun-22 | 225.0        | 1.1                 | 223.9        | 99.50                 | 5.38%     | 0.0          | 225.0        | 121.2        | 6.5          | Note 3     |
| 33   | 15-Sep-12 | 4.260%          | 15-Sep-17 | 225.0        | 1.1                 | 223.9        | 99.50                 | 4.37%     | 0.0          | 225.0        | 69.2         | 3.0          | Note 3     |
| 00   |           | 1.20070         | .0 000 17 | 220.0        |                     | 220.0        | 00.00                 | 1.07 /0   | 0.0          | 220.0        | 00.2         | 0.0          | 1010 0     |
| 34   |           | Subtotal        |           |              |                     |              |                       |           | 4954.1       | 5353.2       | 5275.2       | 276.8        |            |
| 35   |           | Treasury OM&    | A costs   |              |                     |              |                       |           |              |              |              | 2.1          |            |
| 36   |           | Other financing |           |              |                     |              |                       |           |              |              |              | 5.7          |            |
| 37   |           | Total           | -         |              |                     |              |                       |           | 4954.1       | 5353.2       | 5275.2       | 284.6        | 5.40%      |
|      |           |                 |           |              |                     |              |                       |           |              |              |              |              |            |

Note 1: Updated to reflect actual 2010 debt issuance

Note 2: Updated to reflect the forecast coupon rates for 2011 as per the September 2010 Consensus Forecast

Note 3: Updated to reflect the forecast coupon rates for 2012 as per the October 2010 long-term Consensus Forecast

#### Income Tax

| (\$ millions)   | Suppo<br>Refere                                     | -                                | Hydro One<br>Proposed<br>2011      | Hydro On<br>Proposec<br>2012 |                                       | OEB Decision<br>Impact<br>2011 |    | B Decision<br>Impact<br>2012      | OEB Approved<br>2011           | OEB Approved<br>2012           |
|---|---|----------------------------------|------------------------------------|------------------------------|---------------------------------------|--------------------------------|----|-----------------------------------|--------------------------------|--------------------------------|
| Income Taxes  | See supporting                                      | details below                    | 80.9                               | -                            | 70.0                                  | (17.0)                         |    | (9.4)                             | 64.0                           | 60.6                           |
| Income Tax Supporting Details   |   |                                  | Hydro One<br>Proposed<br>2011      | Hydro On<br>Proposed<br>2012 |                                       | OEB Decision<br>Impact<br>2011 | OE | EB Decision<br>Impact<br>2012     | OEB Approved<br>2011           | OEB Approved<br>2012           |
| Rate Base   | Exhibit 1.2   | а                                | \$<br>8,378.5                      | \$ 9,13                      | 34.6                                  | \$ (526.0)                     | \$ | (408.3)                           | \$ 7,852.6                     | \$ 8,726.3                     |
| Common Equity Capital Structure<br>Return on Equity   | Exhibit 1.4   | b<br>c                           | 40.0%<br>10.16%                    |                              | 0.0%<br>.41%                          | -0.50%                         |    | -0.32%                            | 40.0%<br>9.66%                 | 40.0%<br>10.09%                |
| Return on Equity<br>Regulatory Income Tax   |   | d = a x b x c<br>e = l           | 340.5<br>80.9                      |                              | 80.4<br>70.0                          | (37.0)<br>(17.0)               |    | (28.3)<br>(9.4)                   | 303.5<br>64.0                  | 352.1<br>60.6                  |
| Regulatory Net Income (before tax)  |   | f = d + e                        | <br>421.4                          | 4                            | 50.3                                  | (54.0)                         |    | (37.7)                            | 367.4                          | 412.6                          |
| Timing Differences (Note 1)   |   | g                                | (127.3)                            | (17                          | 75.6)                                 | (0.1)                          |    | 8.0                               | (127.4)                        | (167.7)                        |
| Taxable Income  |   | h = f + g                        | <br>294.1                          | 27                           | 74.7                                  | (54.1)                         |    | (29.7)                            | 240.0                          | 245.0                          |
| Tax Rate<br>Income Tax<br>less: Income Tax Credits<br>Regulatory Income Tax   |   | i<br>j = h x i<br>k<br>l = j + k | <br>28.3%<br>83.1<br>(2.2)<br>80.9 | 7                            | 6.3%<br>72.1<br>( <u>2.2)</u><br>70.0 | (15.3)<br>(1.7)<br>(17.0)      |    | (7.8)<br>(1.6)<br>(9.4)           | 28.3%<br>67.8<br>(3.9)<br>64.0 | 26.3%<br>64.3<br>(3.8)<br>60.6 |
| Note 1. Book to Tax Timing Differences<br>Timing difference adjustments<br>less: lower depreciation due to capex reductions   | Exhibit 1.2   |                                  |                                    |                              |                                       | (1.0)                          |    | (4.1)                             |                                |                                |
| add: CCA changes related to capex reductions<br>Adjustment for HST<br>Adjustment for AFUDC rate<br>D43 and D44 Adjustment<br>Bruce x Milton AFUDC add back<br>IFRS Accounting for Overheads Capitalized | Page 30<br>Page 31<br>Page 43<br>Page 47<br>Page 64 |                                  |                                    |                              |                                       | 2.2<br>0.3<br>0.2<br>-         |    | 4.6<br>0.4<br>1.0<br>(0.7)<br>6.2 |                                |                                |
| add: Tax adjustments<br>Tax Adjustments to CCA<br>Ontario credit addback  |   |                                  |                                    |                              | -                                     | (3.5)<br>1.7<br>(0.1)          |    | (1.1)<br><u>1.6</u><br>8.0        |                                |                                |

#### External Revenue

|   | Supporting |                    | , ,                | •                   | •                   | OEB Approved | OEB Approved |
|---|------------|--------------------|--------------------|---------------------|---------------------|--------------|--------------|
| (\$ millions)                             | Reference  | 2011               | 2012               | 2011                | 2012                | 2011         | 2012         |
| External Revenue                          |            | 31.3               | 24.7               | 2.4                 | 4.0                 | 33.7         | 28.7         |
|   |            |                    |                    |                     |                     |              |              |
|   |            |                    |                    |                     |                     |              |              |
| External Revenue Details                  |            | Hydro One Proposed | Hydro One Proposed | OEB Decision Impact | OEB Decision Impact | OEB Approved | OEB Approved |
| Page 51                                   |            | 2011               | 2012               | 2011                | 2012                | 2011         | 2012         |
|   |            |                    | 2012               |                     |                     |              |              |
| Secondary Land Use                        |            | 12.6               | 12.5               |                     |                     | 12.6         | 12.5         |
| Secondary Land Use<br>Station Maintenance |            |                    |                    |                     |                     |              |              |
|   |            | 12.6               | 12.5               | -                   | -                   | 12.6         | 12.5         |
| Station Maintenance                       |            | 12.6<br>4.6        | 12.5<br>3.0        | - 2.4               | - 4.0               | 12.6<br>7.0  | 12.5<br>7.0  |

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 1.7 Page 1 of 1

#### Hydro One Networks Inc. Implementation of Decision with Reasons on EB-2010-0002

Export Transmission Service Revenue

| (\$ millions)                       | Supporting<br>Reference | Hydro One Proposed<br>2011 | Hydro One Proposed<br>2012 | OEB Decision Impact<br>2011 | OEB Decision Impact<br>2012 | OEB Approved<br>2011 | OEB Approved<br>2012 |
|-------------------------------------|-------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------|----------------------|
|                                     |                         |                            |                            |                             |                             |                      |                      |
| Export Transmission Service Revenue | Page 54                 | (10.1)                     | (10.2)                     | (5.9)                       | (5.8)                       | (16.0)               | (16.0)               |

### Deferral and Variance Accounts

|  | Supporting |                    |                    | •                   | OEB Decision Impact | OEB Approved | OEB Approved |
|--|------------|--------------------|--------------------|---------------------|---------------------|--------------|--------------|
| (\$ millions)                          | Reference  | 2011               | 2012               | 2011                | 2012                | 2011         | 2012         |
|  |            |                    |                    |                     |                     |              |              |
| Deferral and Variance Accounts         | Page 55-56 | (10.0)             | 2.6                | 2.6                 | (2.6)               | (7.4)        | -            |
| Deferral and Variance Accounts Details |            | Hydro One Proposed | Hydro One Proposed | OEB Decision Impact | OEB Decision Impact | OEB Approved | OEB Approved |
| Page 55-56                             |            | 2011               | 2012               | 2011                | 2012                | 2011         | 2012         |
| 1 age 55 56                            |            | 2011               | 2012               | 2011                | 2012                | 2011         | 2012         |
| Export Service Credit Revenue          |            | (4.9)              |                    | -                   | -                   | (4.9)        |              |
| External Secondary Land Use            |            | (3.2)              |                    | -                   | -                   | (3.2)        |              |
| External Station Maint. & E&CS         |            | (4.4)              |                    | -                   | -                   | (4.4)        |              |
| IPSP & Other LT Proj. Planning         |            | 1.0                | 1.0                | 1.0                 | (1.0)               | 2.0          |              |
| Pension Cost Differential              |            | 1.5                | 1.6                | 1.6                 | (1.6)               | 3.1          |              |
| Total                                  |            | (10.0)             | 2.6                | 2.6                 | (2.6)               | (7.4)        | -            |

#### Continuity of Revenue Requirement

|                             | Submi       | ssion  | Remove      | CWIP        | BxM A       | FUDC        | HS          | т      | OM&         | A      | AFUE        | DC          | Cost of C   | Capital | D43 &       | D44    | Tax Adjus   | stments     | IFR         | S       | Total Adju       | stments | Revenue Re     | quirement      |
|-----------------------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|--------|-------------|--------|-------------|-------------|-------------|---------|-------------|--------|-------------|-------------|-------------|---------|------------------|---------|----------------|----------------|
|                             | <u>2011</u> | 2012   | <u>2011</u> | <u>2012</u> | <u>2011</u> | <u>2012</u> | <u>2011</u> | 2012   | <u>2011</u> | 2012   | <u>2011</u> | <u>2012</u> | <u>2011</u> | 2012    | <u>2011</u> | 2012   | <u>2011</u> | <u>2012</u> | <u>2011</u> | 2012    | <u>2011</u>      | 2012    | <u>2011</u>    | 2012           |
| Revenue Requirement         |             |        |             |             |             |             |             |        |             |        |             |             |             |         |             |        |             |             |             |         |                  |         |                |                |
| OM&A                        | 436.3       | 450.0  | 0.0         | 0.0         | 0.0         | 0.0         | (4.6)       | (5.1)  | (13.0)      | (17.8) | 0.0         | 0.0         | 0.0         | 0.0     | 0.0         | 0.0    | 0.0         | 0.0         | 0.0         | 200.0   | (17.6)           | 177.1   | 418.8          | 627.1          |
| Depreciation                | 302.9       | 334.8  | 0.0         | 0.0         | 0.0         | 0.4         | (0.8)       | (1.7)  | 0.0         | 0.0    | (0.2)       | (0.2)       | 0.0         | 0.0     | (0.1)       | (0.5)  | 0.0         | 0.0         | 0.0         | (2.0)   | (1.0)            | (4.1)   | 301.8          | 330.8          |
| Return on debt              | 284.8       | 312.2  | (16.1)      | (9.7)       | 0.0         | 0.6         | (0.9)       | (1.8)  | (0.0)       | (0.0)  | (0.3)       | (0.3)       | (9.9)       | (11.5)  | (0.2)       | (0.8)  | 0.0         | 0.0         | 0.0         | (1.6)   | (27.3)           | (25.1)  | 257.5          | 287.1          |
| Return on common equity     | 340.5       | 380.4  | (19.7)      | (12.0)      | 0.0         | 0.7         | (1.1)       | (2.2)  | (0.0)       | (0.0)  | (0.3)       | (0.4)       | (15.7)      | (11.4)  | (0.2)       | (1.0)  | 0.0         | 0.0         | 0.0         | (1.9)   | (37.0)           | (28.3)  | 303.5          | 352.1          |
| Income tax                  | 80.9        | 70.0   | (7.8)       | (4.3)       | 0.0         | 0.1         | 0.1         | 0.3    | (0.0)       | (0.0)  | (0.1)       | (0.1)       | (6.2)       | (4.0)   | (0.0)       | (0.2)  | (3.1)       | (2.0)       | 0.0         | 0.8     | (17.0)<br>(99.9) | (9.4)   | 64.0<br>1345.6 | 60.6<br>1657.6 |
|                             | 1445.5      | 1547.4 | (43.6)      | (26.0)      | 0.0         | 1.8         | (7.2)       | (10.5) | (13.0)      | (17.9) | (0.8)       | (1.1)       | (31.7)      | (26.9)  | (0.5)       | (2.5)  | (3.1)       | (2.0)       | 0.0         | 195.3   | (99.9)           | 110.3   | 1345.6         | 1657.6         |
| Rate Base                   | 8378.5      | 9134.6 | (485.8)     | (289.0)     | 0.0         | 18.0        | (26.7)      | (53.3) | (0.7)       | (1.1)  | (7.9)       | (10.3)      | 0.0         | 0.0     | (5.0)       | (24.6) | 0.0         | 0.0         | 0.0         | (48.1)  | (526.0)          | (408.3) | 7852.6         | 8726.3         |
| Capex                       | 1151.8      | 1008.3 | 0.0         | 0.0         | 24.0        | 35.5        | (39.2)      | (30.6) | 0.0         | 0.0    | (3.2)       | (2.1)       | 0.0         | 0.0     | (10.0)      | (29.8) | 0.0         | 0.0         | 0.0         | (200.0) | (28.4)           | (227.0) | 1123.4         | 781.3          |
| OEB Decision Page Reference |             |        | Page        | e 47        | Page        | e 47        | Page        | 30     | Page        | 11     | Page        | 31          | Page        | 50      | Page        | 43     | Page        | 11          | Page        | 64      |                  |         |                |                |

## 2011 Revenue Requirement by Rate Pool

|                               |            |         | 2011 Rat        | e Pool Revenue | Requirement (\$ N | Aillion)  |        |
|-------------------------------|------------|---------|-----------------|----------------|-------------------|-----------|--------|
|                               | Supporting |         |                 | Transformation | Uniform Rates     | Wholesale |        |
|                               | Exhibit    | Network | Line Connection | Connection     | Sub-Total         | Meter     | Total  |
| OM&A                          | 1.1        | 203.9   | 38.9            | 104.6          | 347.5             | 0.5       | 348.0  |
| Other Taxes (Grants-in-Lieu)  | Note 1     | 43.5    | 10.9            | 16.4           | 70.7              | 0.0       | 70.8   |
| Depreciation of Fixed Assets  | 1.2        | 167.2   | 39.5            | 78.6           | 285.3             | 0.1       | 285.4  |
| Capitalized Depreciation      | Note 2     | (5.6)   | (1.4)           | (2.2)          | (9.2)             | (0.0)     | (9.2)  |
| Asset Removal Costs           | Note 2     | 11.2    | 2.8             | 4.4            | 18.4              | 0.0       | 18.4   |
| Other Amortization            | Note 2     | 4.5     | 1.1             | 1.7            | 7.2               | 0.0       | 7.3    |
| Return on Debt                | 1.4        | 158.2   | 39.5            | 59.7           | 257.4             | 0.1       | 257.5  |
| Return on Equity              | 1.4        | 186.4   | 46.6            | 70.4           | 303.4             | 0.1       | 303.5  |
| Income Tax                    | 1.5        | 39.3    | 9.8             | 14.8           | 63.9              | 0.0       | 64.0   |
| Base Revenue Requirement      |            | 808.6   | 187.7           | 348.5          | 1344.8            | 0.8       | 1345.6 |
| Less Regulatory Asset Credit  | 1.8        | (4.4)   | (1.0)           | (1.9)          | (7.4)             | (0.0)     | (7.4)  |
| Total Revenue Requirement     |            | 804.1   | 186.7           | 346.6          | 1337.4            | 0.8       | 1338.2 |
| Less Non-Rate Revenues        | 1.6        | (20.3)  | (4.7)           | (8.7)          | (33.7)            | (0.0)     | (33.7) |
| Less Export Revenues          | 1.7        | (16.0)  |                 |                | (16.0)            |           | (16.0) |
| Plus LVSG Credit              | 6.0        |         |                 | 11.1           | 11.1              |           | 11.1   |
| Total Revenue Requirement for | UTR        | 767.9   | 182.0           | 348.9          | 1298.8            | 0.8       | 1299.5 |
| Hydro One Proposed Pool       |            |         |                 |                |                   |           |        |
| Revenue Requirement           | Note 3     | 839.7   | 195.6           | 369.6          | 1405.0            | 0.8       | 1405.8 |

Note 1: Included with OM&A total in Exhibit 1.1. See EB-2010-0002 Exhibit G2, Tab 5, Schedule 1, Page 1.

Note 2: Included with Depreciation total in Exhibit 1.2. See EB-2010-0002 Exhibit G2, Tab 5, Schedule 1, Page 1.

Note 3: See EB-2010-0002 Exhibit G2, Tab 5, Schedule 1, Page 1.

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 3.0 Page 1 of 1

## Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002

Summary Charge Determinants

(for Setting Uniform Transmission Rates for January 1, 2011 to December 31, 2011)

|                           | Total MW * |
|---------------------------|------------|
| Network                   | 241,795    |
| Line Connection           | 233,996    |
| Transformation Connection | 202,198    |

\* 2011 charge determinants per Exhibit H1, Tab 3, Schedule 1, Table 1, multiplied by 12.

#### Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002

## Uniform Transmission Rates and Revenue Disbursement Allocators (for Period January 1, 2011 to December 31, 2011)

| Transmitter      | Revenue Requirement (\$)<br>(Note 3, Note 4) |                    |                              |                 |  |  |  |
|------------------|--|--------------------|------------------------------|-----------------|--|--|--|
| 1 ransmitter     | Network                                      | Line<br>Connection | Transformation<br>Connection | Total           |  |  |  |
| FNEI             | \$4,306,935                                  | \$1,020,593        | \$1,957,135                  | \$7,284,663     |  |  |  |
| CNPI             | \$2,727,030                                  | \$646,211          | \$1,239,202                  | \$4,612,443     |  |  |  |
| GLPL             | \$19,900,913                                 | \$4,715,822        | \$9,043,268                  | \$33,660,003    |  |  |  |
| H1N (Note 1)     | \$767,870,937                                | \$181,958,610      | \$348,931,864                | \$1,298,761,411 |  |  |  |
| All Transmitters | \$794,805,816                                | \$188,341,236      | \$361,171,470                | \$1,344,318,521 |  |  |  |

| Transmitter      | Tot         | Total Annual Charge Determinants (MW)<br>(Note 3, Note 4) |                              |  |  |  |  |  |  |
|------------------|-------------|---|------------------------------|--|--|--|--|--|--|
| I ransmitter     | Network     | Line<br>Connection  | Transformation<br>Connection |  |  |  |  |  |  |
| FNEI             | 187.120     | 213.460   | 76.190                       |  |  |  |  |  |  |
| CNPI             | 583.420     | 668.600   | 668.600                      |  |  |  |  |  |  |
| GLPL             | 4,019.797   | 2,939.425   | 1,057.605                    |  |  |  |  |  |  |
| H1N (Note 2)     | 241,794.994 | 233,995.528   | 202,198.429                  |  |  |  |  |  |  |
| All Transmitters | 246,585.331 | 237,817.013   | 204,000.824                  |  |  |  |  |  |  |

| T   | Uniform Rates and Revenue Allocators<br>(Note 4) |                    |                              |  |  |  |  |
|---|--|--------------------|------------------------------|--|--|--|--|
| Transmitter                                 | Network  | Line<br>Connection | Transformation<br>Connection |  |  |  |  |
| Uniform Transmission Rates<br>(\$/kW-Month) | 3.22   | 0.79               | 1.77                         |  |  |  |  |
|   | Ļ  | Ļ                  | <b>↓</b>                     |  |  |  |  |
| <b>FNEI</b> Allocation Factor               | 0.00542  | 0.00542            | 0.00542                      |  |  |  |  |
| <b>CNPI</b> Allocation Factor               | 0.00343  | 0.00343            | 0.00343                      |  |  |  |  |
| GLPL Allocation Factor                      | 0.02504  | 0.02504            | 0.02504                      |  |  |  |  |
| H1N Alocation Factor                        | 0.96611  | 0.96611            | 0.96611                      |  |  |  |  |
| Total of Allocation Factors                 | 1.00000  | 1.00000            | 1.00000                      |  |  |  |  |

Note 1: Hydro One Networks (H1N) 2011 UTR Revenue Requirement per Exhibit 2.0

Note 2: Hydro One Networks (H1N) Charge Determinant per Exhibit 3.0

Note 3: Data for Other Transmitters per Exhibit 4.1.

Note 4: Calculated data in shaded cells.

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 4.1 Page 1 of 1

## Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002

Revenue Requirement and Charge Determinant Assumptions for Other Transmitters

| <b>T</b> uran and 100 a               | Annual Revenue   | Annual (  | Approval           |                              |           |  |
|---------------------------------------|------------------|-----------|--------------------|------------------------------|-----------|--|
| Transmitter                           | Requirement (\$) | Network   | Line<br>Connection | Transformation<br>Connection | Reference |  |
| Five Nations Energy Inc. (FNEI)       | 7,284,663        | 187.120   | 213.460            | 76.190                       | Note 1    |  |
| Canadian Niagara Power Inc. (CNPI)    | 4,612,443        | 583.420   | 668.600            | 668.600                      | Note 2    |  |
| Great Lakes Power Transmission (GLPT) | 33,660,003       | 4,019.797 | 2,939.425          | 1,057.605                    | Note 3    |  |

 Table 1

 Approved Annual Revenue Requirement and Charge Determinants

Note 1: 2011 Revenue Requirement is based on approved amount of \$6,327,089 effective March 1, 2010 plus forecast 2010 Deferred Rate Impact Amount of \$957,574 (10/12 of annual Revenue Requirement increase of \$1,149,089) per Board Decision and Order on EB-2009-0387 dated December 9, 2010. Charge Determinant per Board Decision on EB-2009-0387 dated November 1,2010, page 26. Values agreed-to by FNEI per Email from R.King to H.Thiessen dated December 23, 2010.

Note 2: Per Board Decision on RP-2001-0034 dated December 11, 2001, pages 8 and 10.

Note 3: 2011 Revenue Requirement is based on approved amount of \$35,141,618 effective January 1, 2010 plus forecast 2010 Deferred Rate Impact Amount of \$356,196 and disposition of variance and deferral accounts per Board Decision and Order on EB-2009-0408 dated August 31, 2010. Charge Determinants per Settlement Agreement on EB-2009-0408 dated May 17, 2010, page 23. Values agreedto by GLPT per Email from C.Keizer to H.Thiessen dated December 20, 2010.

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 5.0 Page 1 of 2

## HYDRO ONE NETWORKS INC. Ontario, Canada

## WHOLESALE METER SERVICE And EXIT FEE SCHEDULE

Rate Schedule: HON-MET Issued: January 5, 2011 Ontario Energy Board

| RATE SCHEDULE: | HON-MET | HYDRO ONE NETWORKS |
|----------------|---------|--------------------|
|----------------|---------|--------------------|

## HYDRO ONE NETWORKS - WHOLESALE METER SERVICE

## **APPLICABILITY:**

This rate schedule is applicable to the *metered market participants*<sup>\*</sup> that are transmission customers of Hydro One Networks ("Networks") and to *metered market participants* that are customers of a Local Distribution Company ("LDC") that is connected to the transmission system owned by Networks.

\* The terms and acronyms that are italicized in this schedule have the meanings ascribed thereto in Chapter 11 of the Market Rules for the Ontario Electricity Market.

## a) Wholesale Meter Service

The *metered market participant* in respect of a *load facility* (including customers of an LDC) shall be required to pay an annual rate of \$ 7,700 for each *meter point* that is under the transitional arrangement for a *metering installation* in accordance with Section 3.2 of Chapter 6 of the Market Rules for the Ontario Electricity Market.

The Wholesale Meter Service rate covered by this schedule shall remain in place until such time as the rate is revised by Order of the Ontario Energy Board.

## b) Fee for Exit from Transitional Arrangement

The *metered market participant* in respect of a *load facility* (including customers of an LDC) or a *generation facility* may exit from the transitional arrangement for a *metering installation* upon payment of a one-time exit fee of \$ 5,200 per *meter point*.

| EFFECTIVE DATE:                     | <b>REPLACING RATE:</b> | <b>BOARD ORDER:</b> | Page 2 of 2                  |
|-------------------------------------|------------------------|---------------------|------------------------------|
| Date To Come (Date of Issue of Rate | EB-2008-0272           | EB-2010-0002        | Wholesale Meter Service Rate |
| Order by Ontario Energy Board)      | January 21, 2010       | 22 2010 0002        | & Exit Fee Schedule for      |
|                                     |                        |                     | Hydro One Networks Inc.      |

## Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002

## Wholesale Meter Rate Calculations

|      |                         | Revenue      |                       |                           |
|------|-------------------------|--------------|-----------------------|---------------------------|
|      | Charge Determinant      | Requirement  | OEB Approved Rate *   | Hydro One Proposed Rate * |
|      | (Avg # of Meter Points) | (\$ Million) | (\$/Meter Point/Year) | (\$/Meter Point/Year)     |
|      | Note 1                  | Note 2       |                       |                           |
|      | (A)                     | (B)          | (B) / (A)             |                           |
| 2011 | 100                     | 0.8          | 7,700                 | 8,400                     |

\* Rate is rounded down to the nearest \$100

Note 1: Per EB-2010-0002, Exhibit H1, Tab 4, Schedule 1, Table 1. Note 2: Per Exhibit 2.0

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 6.0 Page 1 of 1

## Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002

## Low Voltage Switchgear (LVSG) Credit Effective January 1, 2011

| Charge<br>Determinant<br>(MW) | Transformation Pool<br>Revenue Requirement<br>Before LVSG Credit<br>(\$M) | Rate Before LVSG<br>Credit (\$/kw/month) | Average Monthly NCP<br>Demand for Toronto<br>Hydro and Hydro Ottawa<br>(MW) | LVS Proportion<br>(%) | Final LSVG<br>Credit<br>(\$M) |
|-------------------------------|---|--|---|-----------------------|-------------------------------|
| (Note 1)                      | (Note 2)  |  | (Note 3)  | (Note 4)              |                               |
| (A)                           | (B)   | (C) = (B)/(A)                            | (D)   | (E)                   | (F) = (C)x(D)x(E)             |
| 202,198                       | 337.8   | 1.671                                    | 2912  | 19.0%                 | 11.1                          |

Note 1: Per Exhibit 3.0

Note 2: Equals Total Revenue Requirement for Transformation Connection Pool less Non-Rate Revenues allocated to Transformation Connection Pool, as per information in Exhibit 2.0.

Note 3: Per Exhibit G1, Tab 4, Schedule 1, Table 1

Note 4: See EB-2010-0002 Exhibit G1, Tab 4, Schedule 1, page 1.

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 7.0 Page 1 of 1

## Hydro One Networks Inc Implementation of EB-2010-0002 Decision with Reasons Studies and Reports

|              | Decision  | Description                            | Actions Planned            |
|--------------|-----------|--|----------------------------|
|              | Reference |  |                            |
| CDM          | Pages 6   | Hydro One directed to work with the    | Hydro One will consult     |
| Measurement  | & 7       | OPA in devising a robust effective and | with stakeholders and      |
| Study        |           | accurate means of measuring the        | complete the study in      |
|              |           | expected impacts of CDM programs       | time to inform the next    |
|              |           | promulgated by the OPA.                | rate application           |
| Smart Grid   | Page 14   | Hydro One to file a detailed report    | Hydro One will prepare     |
| Development  |           | describing the OM&A activities for     | the report in time for the |
| Report       |           | Smart Grid undertaken along with an    | next transmission rate     |
|              |           | analysis of the results achieved and a | application                |
|              |           | description of how they relate to the  |                            |
|              |           | transmission system.                   |                            |
| Compensation | Page 20   | Hydro One directed to revisit its      | Hydro One will consult     |
| Benchmarking |           | compensation cost benchmarking         | with stakeholders and      |
| Study        |           | study in an effort to more             | complete the study in      |
|              |           | appropriately compare compensation     | time for the next          |
|              |           | costs to those of other regulated      | transmission rate          |
|              |           | transmission and/or distribution       | application                |
|              |           | utilities in North America.            |                            |
| ETS Study by | Page 75   | The IESO is to undertake a genuinely   | Hydro One understands      |
| IESO         |           | comprehensive study to identify a      | that IESO will circulate   |
|              |           | range of proposed rates and the pros   | the terms of reference to  |
|              |           | and cons associated with each          | Hydro One and              |
|              |           | proposed rate.                         | Intervenors and will       |
|              |           |  | complete the study in      |
|              |           |  | time for the next          |
|              |           |  | transmission rate          |
|              |           |  | application                |

Filed: January 5, 2011 EB-2010-0002 Draft Rate Order Exhibit 8.0 Page 1 of 1

## Hydro One Networks Inc. Decision with Reasons on EB-2010-0002 Deferral and Variance Accounts

The Boards' Decision directed the Company to continue or establish a number of deferral/variance accounts. The following table includes a list of those accounts:

| Account Name   | Decision     |
|--|--------------|
|  | Reference    |
| Rights Payments Variance Account - New                         | Page 21      |
| Bruce to Milton Project In-Service Variance Account - New      | Page 28      |
| Impact for Change in IFRS Account (2012 Only) - New            | Page 58      |
| IFRS – Gains and Losses Account (2012 Only) - New              | Page 58      |
| IFRS Incremental Transition Cost Account                       | Page 58      |
| Pension Cost Differential Account                              | Page 59      |
| Long-term Project Development OM&A Account                     | Page 59      |
| Tax Rate Changes Account                                       | Page 59      |
| Export Service Credit Revenue Variance Account                 | Page 54 & 60 |
| External Station Maintenance and E&CS Revenue Variance Account | Page 52 & 60 |
| External Secondary Land Use Revenue Variance Account           | Page 52 & 60 |
| IFRS Capitalization Policy Variance Account - New              | Page 65      |

In its Decision, the Board denied the continuance of the use of the OEB Cost Differential Account by Hydro One Transmission. Effective January 1, 2011, this account will be closed.

For all new accounts identified above, Hydro One will provide the accounting entries that will be used to record the approved deferral and variance accounts by March 31, 2011.