

EB-2011-0268

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 Hydro One Networks Inc. for an order or orders approving a transmission revenue requirement and rates and other charges for the transmission of electricity for 2011 and 2012.

AND IN THE MATTER OF a hearing on the Board's Own Motion under section 78 of the *Ontario Energy Board Act, 1998* to consider adjustments to Hydro One's 2012 Transmission revenue requirement and other adjustments and variance accounts that may be necessary should Hydro One Networks Inc. use US GAAP rather than modified IFRS for regulatory purposes.

BEFORE: Cynthia Chaplin

Presiding Member

Paul Sommerville

Member

Marika Hare Member

REVENUE REQUIREMENT ORDER ARISING FROM THE EB-2011-0268
DECISION WITH REASONS (NOVEMBER 23, 2011)
AND
2012 UNIFORM ELECTRICITY TRANSMISSION RATE ORDER

On July 15, 2011, Hydro One Networks Inc. ("Hydro One") filed a Notice of Motion with the Ontario Energy Board (the "Board") seeking to vary the Board's EB-2010-0002 transmission revenue requirement and rates decision. The Motion sought to review and vary the EB-2010-0002 decision to permit Hydro One to use United States Generally Accepted Accounting Principles ("USGAAP") as the basis for rate application filings, regulatory accounting and regulatory reporting commencing January 1, 2012.

In a decision issued on August 25, 2011, the Board dismissed Hydro One's motion, but commenced a hearing on its own motion, under section 78 of the *Ontario Energy Board Act, 1998* to consider adjustments to Hydro One's 2012 Transmission revenue requirement and other adjustments and variance accounts that may be necessary should Hydro One use USGAAP rather than modified International Financial Reporting Standards (MIFRS) for regulatory purposes. The Board restricted its consideration of the 2012 Transmission revenue requirement and transmission rates to adjustments consequent on the adoption of USGAAP by Hydro One. The Board also granted intervenor status in the proceeding to all intervenors in the EB-2010-0002 proceeding.

On November 23, 2011, the Board issued its EB-2011-0268 Decision with Reasons (the "Decision") granting Hydro One's request to use USGAAP for regulatory purposes in its transmission business. The Board also approved all the resulting adjustments to the 2012 transmission revenue requirement, capital expenditures and rate base as identified by Hydro One in its evidence.

The Board indicated that the Decision would result in a modification of the Board's EB-2001-0002 Transmission Revenue Requirement and Rates Decision issued on December 23, 2010 and directed Hydro One to file with the Board and all intervenors of record, a draft exhibit showing the final 2012 revenue requirement to reflect the Board's findings in the Decision.

The Board indicated that the exhibit should reflect the relevant aspects of the Board's original EB-2010-0002 decision as appropriate, and should also include the update of the Board's Cost of Capital parameters issued on November 10, 2011.

The Board also directed Hydro One to file an exhibit showing the calculation of the uniform transmission rates and revenue shares resulting from the Decision. This exhibit would include the most recent approved 2012 revenue requirements and pool load forecasts for each of the other Ontario transmitters including the most recent decisions

for Great Lakes Power Transmission Inc., Canadian Niagara Power Inc. and Five Nations Energy Inc.

On December 1, 2011, Hydro One filed its draft Rate Order including Hydro One Networks' updated 2012 transmission revenue requirement reflecting the Decision and the relevant information for the calculation of the 2012 uniform transmission rates.

The Board notes that the draft Rate Order implements the Board's November 23, 2011 decision for Hydro One as well as decisions for:

- Great Lakes Power Transmission Inc. (EB-2010-0291) decision issued February 2, 2011 and 2012 revenue requirement and rate order issued December 19, 2011.
- Five Nations Energy Inc. (EB-2009-0387) issued December 9, 2010.
- Canadian Niagara Power Inc. (EB-2001-0034) issued December 11, 2001

The Board also notes that all Ontario electricity transmitters were intervenors in this proceeding.

Intervenors were invited to review the draft rate order and submit comments. Energy Probe Research Foundation and the Vulnerable Energy Consumers Coalition submitted that they had no concerns with the material filed by Hydro One. No other party commented on or objected to the draft Rate Order or the exhibits.

The Board finds that Hydro One has reasonably and appropriately reflected the Board's November 23, 2011 Decision in the draft Rate Order. The Board also finds that Hydro One has appropriately reflected the relevant Board decisions regarding the other Ontario transmitters in the draft Rate Order.

Therefore, the Board finds it appropriate to issue a final Rate Order approving Hydro One's 2012 transmission revenue requirements and charge determinants for use in setting the 2012 Ontario Uniform Electricity Transmission rates.

THEREFORE, THE BOARD ORDERS THAT:

- 1. The Hydro One Transmission Rates Revenue Requirement for 2012, \$1,385.1 million as shown in Exhibit 1.0 in Appendix A, is approved for recovery through the Uniform Electricity Transmission Rates.
- 2. The allocation of the approved revenue requirements to the three electricity transmission rate pools as shown in Exhibit 2.0 in Appendix A is approved.
- 3. The Hydro One charge determinants for each rate pool as shown in Exhibit 3.0 in Appendix A are approved.
- 4. The final revenue requirements by rate pool and the uniform electricity transmission rates and revenue allocators for rates effective January 1, 2012 as shown in Exhibit 4.0 in Appendix A are approved.
- 5. The Wholesale Meter Service and Exit Fee Schedule, attached as Exhibit 5.0 in Appendix A, is approved.
- 6. The 2012 Ontario Uniform Transmission Rate Schedules, attached as Appendix B, are approved.

ISSUED at Toronto, December 20, 2011

ONTARIO ENERGY BOARD

Original Signed By

Kirsten Walli Board Secretary

APPENDIX A REVENUE REQUIREMENT SUMMARY HYDRO ONE NETWORKS INC. TRANSMISSION RATE ORDER EB-2011-0268

DECEMBER 20, 2011

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Hydro On e Networks Inc. 2012 Rate Order

Revenue Requirement Summary

	Supporting	Hydro One Proposed	OEB Decision Impact	OEB Approved	US GAAP Impact	Cost of Capital Update	Revised OEB Approved
(\$ millions)	Reference	2012	2012	2012	2012	2012	2012
				Note 3	Note 4	Note 5	
OM&A	Exhibit 1.1	450.0	177.1	627.1	(200.0)	-	427.1
Depreciation	Exhibit 1.2	334.8	(4.1)	330.8	2.0	-	332.8
Return on Debt	Exhibit 1.4	312.3	(25.1)	287.1	1.6	(12.3)	276.4
Return on Equity	Exhibit 1.4	380.4	(28.3)	352.1	1.9	(23.4)	330.6
Income Tax	Exhibit 1.5	70.0	(9.4)	60.6	(0.8)	(8.3)	51.5
Base Revenue Requirement		1,547.4	110.2	1,657.6	(195.3)	(43.9)	1,418.4
Deduct: External Revenue	Exhibit 1.6	24.7	4.0	28.7	-	-	28.7
Subtotal		1,522.7	106.2	1,628.9	(195.3)	(43.9)	1,389.7
Deduct: Export Tx Service Revenue	Exhibit 1.7	(10.2)	(5.8)	(16.0)	-	-	(16.0)
Deduct: Other Cost Charges	Exhibit 1.8	2.6	(2.6)	-	-	-	-
Add: Low Voltage Switch Gear	Note 2	12.5	1.4	13.9	-	(2.4)	11.5
Rates Revenue Requirement		1,527.5	99.3	1,626.8	(195.3)	(46.3)	1,385.1

Note 1: In 2011, a variance account was established for property rights payments to track changes from approved amounts. 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 amount of LVSG in 2012 has been revised to reflect the change in 2012 Revenue Requirement due to US GAAP impact as per EB-2001-0268 Decision with Reasons on November 23, 2011 and Cost of Capital parameters update issued by the OEB on November 10, 2011.

Note 3: As per K. Walli Jan. 18, 2011 "Revenue Requirement and Charge Determinant Order Arising From The EB-2010-0002 Decision With Reaons of December 23, 2010 and 2011 Uniform Electricity Transmission Rate Order (Revised)", Appendix A; and as per S. Frank, Jan. 5, 2011 "EB-2010-0002 Hydro One Networks' 2011-2012 Electricity Transmission Revenue Requirement - Final Revenue Requirements & Charge Determinants in Accordance With Decision".

Note 4: As per EB-2011-0268 Decision, Page 12, issued on November 23, 2011, adjustments have been made to reflect the impact on Revenue Requirement upon the adoption of US GAAP.

Note 5: As per EB-2010-0002 and EB-2011-0268 Decisions, the 2012 Cost of Capital is updated to reflect OEB approved parameters issued on November 10, 2011, updated forecast 2012 third-party long-term debt rate and 2011 actual debt issua

^{****} Notes 3, 4 and 5 apply to Exhibit 1.1 to 1.9 inclusive

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Hydro One Networks Inc.

2012 Rate Order

OM&A

(\$ millions)	Supporting Reference	Hydro One Proposed 2012	OEB Decision Impact 2012	OEB Approved 2012	US GAAP Impact 2012	Cost of Capital Update 2012	Revised OEB Approved 2012
	See supporting details						
OM&A	below	450.0	177.1	627.1	(200.0)	-	427.1
OEB Decision Impact Supporting Details							

Adjustments	EB-2010-0002 Decision Reference	2012 OM&A Impacts US	GAAP Impact Adjustment
Adjustment for HST Page	11	(5.1)	
Envelope Reduction	Page 11	(17.8)	
IFRS Ac counting for Overheads Capitalized	Page 62	200.0	(200.0)
		177.1	(200.0)

Hydro One Networks Inc.

2012 Rate Order

Rate Bas e and Depreciation

Stationary Sta								
Page Base definite holive 9,154.6 (488.3 8,786.3 48.1 . 8,774.4	(\$ millions)	Supporting Reference						
Computation Code Code Code Code Code Code Computation	Rate Base		9,134.6	(408.3)	8,726.3	48.1	-	8,774.4
Montaing Capital Adustment Montain Part Monta	Depreciation		334.8	(4.1)	330.8	2.0	-	332.8
Rate Base Details	OEB Decision Impact Supporting Details				•			
Solution Solution	Rate B ase Details Utility plant (average) Gross pl ant at cost Less: Acc umulated depreciation Add: CWIP		(4,690.6) 289.0		(4,690.6) 289.0			
Working cap ital as % of OM&A (a) 5.9% OM&A Re duction (net of adjustment for HST) Exhibit 1.1 (b) 182.2 Working cap ital reduction (c) = (a) x(b) 10.8 10.8 11.9 (11.9) Capex Adjustments Adjustment for HST (includes working capital) Page 30 Adjustment for HST (includes working capital) Page 47 (289.0) Bruce x Milton AFUDC add back (Note 1) Page 47 18.0 IFRS Accounting for Overheads Capitalized Page 62 (60.0) Adjustment for HST (includes working capital) Page 30 (408.3) 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 Adjustment for HST (includes working capital) Page 30 (1.7) Adjustment for HST (includes working capital) Page 31 (0.2) Depreciation Adjustments Adjustment for HST (includes working capital) Page 43 (0.5) Bruce x Milton CWIP removal Page 47 (0.5) Bruce x Milton CWIP removal Page 47 (0.5) Bruce x Milton CWIP removal Page 47 (0.5) Bruce x Milton OFWIP removal Page 47	Cash w orking capital Materials & supplies inventory Total w orking capital		21.7 26.7		21.7 26.7			
OM&A Reduction (net of adjustment for HST) Exhibit 1.1 (b) 182.2 200.0 Working cap Ital reduction (c) = (a) x(b) 10.8 11.9 (11.9) Capex Adjustments Adjustment for HST (includes working capital) Page 30 (53.3) Adjustment for AFUDC rate Page 31 (10.3) D43 and D44 Adjustment Page 43 (24.6) Bruce x Milton CWIP removal Page 47 (289.0) Bruce x Milton AFUDC add back (Note 1) Page 47 18.0 IFRS Accounting for Overheads Capitalized Page 62 (60.0) 60.0 Total (408.3) 48.1 Note 1: The 2012 Rate Base Impact of the Bruce to Millton AFUDC add back is net of a \$23.3 million in-service additions correction. This latter amount will be placed into service in 2013. Depreciation Adjustments Adjustment for HST (includes working capital) Page 30 (1.7) Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 47 - Bruce x Milton CWIP removal Page 47 - Bruce x Milton CWIP removal<	Total Ra te Base		9,134.6		9,134.6			
Capex Adjustments		, ,						
Capex Adjustments	OM&A Re duction (net of adjustment for HST)	Exhibit 1.1 (b)	182.2		200.0			
Adjustment for HST (includes working capital) Page 30 (53.3) Adjustment for AFUDC rate Page 31 (10.3) D43 and D44 Adjustment Page 43 (28.9.0) Bruce x Milton CWIP removal Page 47 (289.0) IFRS Accounting for Overheads Capitalized Page 62 (60.0) 60.0 Total (408.3) 60.0 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. Depreciation Adjustments Adjustment for AFUDC rate Page 30 (1.7) Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton CWIP removal Page 47 -	Working cap ital reduction	(c) = (a) $x(b)$	10.8	10.8	11.9	(11.9)		
Adjustment for AFUDC rate Page 31 (10.3) D43 and D44 Adjustment Page 43 (24.6) Bruce x Milton CWIP removal Page 47 (289.0) Bruce x Milton AFUDC add back (Note 1) Page 47 (80.0) Total (408.3) 60.0 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. Depreciation Adjustments Adjustment for HST (includes working capital) Page 30 (1.7) Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton AFUDC add back (Note 1) Page 47 - Bruce x Milton AFUDC add back (Note 1) Page 47 0.4	Capex Adjustments							
Total (408.3) 48.1 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. Depreciation Adjustments Adjustment for HST (includes working capital) Page 30 (1.7) Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton CWIP removal Page 47 - Bruce x Milton AFUDC add back (Note 1) Page 47 0.4	Adjustment for AFUDC rate D43 an d D44 Adjustment Bruce x Milton CWIP removal Bruce x Milton AFUDC add back (Note 1)	Page 31 Page 43 Page 47 Page 47		(10.3) (24.6) (289.0) 18.0		60.0		
2013. Depreciation Adjustments Adjustment for HST (includes working capital) Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton CWIP removal Page 47	Total	<u>-</u>			- -	48.1		
Adjustment for HST (includes working capital) Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton CWIP removal Page 47 Bruce x Milton AFUDC add back (Note 1) Page 47 0.4	·	e to Milton AFUDC add back	is net of a \$23.3 million in-ser	· · · · ·	latter amount will be placed in	to service in	•	
Adjustment for AFUDC rate Page 31 (0.2) D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton CWIP removal Page 47 - Bruce x Milton AFUDC add back (Note 1) Page 47 0.4	 	D 00						
D43 and D44 Adjustment Page 43 (0.5) Bruce x Milton CWIP removal Page 47								
Bruce x Milton CWIP removal Page 47 - Bruce x Milton AFUDC add back (Note 1) Page 47 0.4								
	Bruce x Milton CWIP removal	Page 47		= '				
						2.0		

(4.1)

2.0

Total

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Revised OEB Approved

2012

Cost of Capital Update

2012

Hydro One Networks Inc.

2012 Rate Order

Capital Expenditures

OEB Approved

2012

US GAAP Impact

2012

OEB Decision Impact

2012

Hydro One Proposed

2012

Supporting

Reference

(\$ millions)

Capital expenditures	See supporting details below	1,008.3	(227.0)	781.3	200.0	- 981.3
	EB-2010-0002 Decision					
OEB D ecision Impact Supporting Details	Reference		Capex Adjustment	I	US GAAP Impact Adjustment	l e e e e e e e e e e e e e e e e e e e
Adjustment for HST (includes working capital)	Page 30		(30.6)			
Adjustment for AFUDC rate	Page 31		(2.1)			
D43 and D44 Adjustment	Page 43		(29.8)			
Bruce x Milton AFUDC add back	Page 47		35.5			
IFRS Ac counting for Overheads Capitalized	Page 62		(200.0)		200.0	
,	-	-	(227.0)	-	200.0	
		-				

Hydro One Networks Inc. 2012 Rate Order

Capital Structure and Return on Capital

	Supporting H	ydro On	e Proposed OEB	Decision Impact	OEB Approved	US GAAP Impact	Cost of Capital Update	Revised OEB Approved
(\$ millions)	Reference 2012			2012	2012	2012	2012	2012
Return on Rate Base					Note 3			
Rate Base	Exhibit 1.2	\$	9,134.6 \$	(408.3) \$	8,726.3	48.1	-	8,774.4
Capital Structure:								
Third-Party long-term debt			56.7%	3.8% 60.5%		-0.3%	-5.9%	54.2%
Deemed long-term debt			-0.7%	(3.8%)	-4.5%	0.3%	5.9%	1.8%
Short-term debt			4.0%	0.0%	4.0%	0.0%	0.0%	4.0%
Common equity			40.0%	0.0% 40.0%		0.0%	0.0%	40.0%
Capital Structure:								
Third-Party long-term debt	Exhibit 1.4.1		5,175.1	100.0	5,275.2	-	(520.0)	4,755.1
Deemed long-term debt			(59.8) (328.7)		(388.5)	27.0	520.0	158.5
Short-term debt			365.4 (16.3)		349.1	1.9	-	351.0
Common equity			3,653.8 (163.3)		3,490.5	19.3	-	3,509.8
			9,134.6 \$	(408.3)	8,726.3 48.1		-	8,774.4
Allowed Return:								
Third-Party long-term debt	Note 1, Exhibit 1.4.1		5.64% (0.24%))	5.40%	0.00%	-0.03%	5.37%
Deemed long-term debt	Note 2		5.64% (0.24%))	5.40%	0.00%	-0.03%	5.37%
Short-term debt	Note 3		5.00%	0.19%	5.19%	0.00%	-3.11%	2.08%
Common equity	Note 3		10.41%	(0.32%)	10.09%	0.00%	-0.67%	9.42%
Return on Capital:								
Third-Party long-term debt			291.7 (7.1)		284.6	-	(29.3)	255.3
Deemed long-term debt			(3.4) (17.6)		(21.0)	1.5	28.0	8.5
Short-term debt			18.3 (0.2)		18.1	0.1	(10.9)	7.3
AFUDC return on Niagara Reinforcement Project	see below		5.6	(0.3)	5.3	-	(0.0)	5.3
Total return on debt		\$ 312.3	\$	(25.1) \$	287.1 \$	1.6	\$ (12.3)	\$ 276.4
Common equity		\$ 380.4	\$	(28.3) \$	352.1 \$	1.9	\$ (23.4)	\$ 330.6
AFUDC return on Niagara Reinforcement Project								
CWIP			99.1		99.1			99.1
Deemed long-term debt			5.7%		5.40%			5.37%
			5.6		5.3			5.3

Note 1: As per EB-2010-0002 Decision with Reasons on December 23, 2010, the 2012 long-term debt rates have been updated to reflect the actual 2011 debt issuances and the September 2011 Consensus forecast.

Note 2: As per EB-2008-0272 Decision with Reasons on May 28, 2009, page 54, the deemed long-term rate has been updated to reflect Hydro One's embedded long-term debt rate.

Note 3: The approved rates follow the OEB's November 10, 2011 guidance on cost of capital parameters to reflect the September 2011 Consensus Forecast.

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Test Year (2012) Year ending December 31

				Principal D Amount	Premium iscount and	Net Capita	Per \$100 Principal		Total Amoun at	t Outstanding at	Avg. Monthly	Carrying	Projected 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	
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	
28	26-Sep-11	4.390%	26-Sep-41	205.0	`1.3 [′]	203.7	99.36	4.43%	205.0	205.0	205.0	9.1	Note 1
29	15-Dec-11	3.786%	15-Dec-21	175.0	0.9	174.1	99.50	3.85%	175.0	175.0	175.0	6.7	Note 1
30	15-Mar-12	4.957%	15-Mar-42	225.0	1.1	223.9	99.50	4.99%	0.0	225.0	173.1	8.6	Note 2
31	15-Jun-12	3.936%	15-Jun-22	225.0	1.1	223.9	99.50	4.00%	0.0	225.0	121.2	4.8	Note 2
32	15-Sep-12	2.900%	15-Sep-17	225.0	1.1	223.9	99.50	3.01%	0.0	225.0	69.2	2.1	Note 2
33		Subtotal							4434.1	4833.2	4755.1	247.5	
34		Treasury OM8	&A costs									2.1	
35		Other financin										5.7	
36		Total							4434.1	4833.2	4755.1	255.3	5.37%

Note 1: As per EB-2010-0002 Decision with Reasons on December 23, 2010, long-term debt rates have been updated to reflect actual 2011 debt issuances. Note 2: Rates have been updated to reflect September 2011 Consensus forecast as per OEB's November 10, 2011 direction on cost of capital parameters.

Filed: December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 1.5 Page 1 of 1

Revised OEB Approved

Cost of Capital Update

Hydro One Networks Inc.

2012 Rate Order

Income Tax

Hydro One Proposed

Supporting

OEB Decision Impact

OEB Approved

US GAAP Impact

(\$ millions)	Reference	2012	2012	2012	2012	2012	2012
Income Taxes	See supporting details below	70.0	(9.4)	60.6	(0.8)	(8.3)	51.4
Income Tax Supporting Details		Hydro One Proposed 2012	OEB D ecision Impact 2012	OEB Ap proved 2012	US GAAP Impact Co 2012	st of Capital Update 2012	Revised OEB Approved 2012
Rate Base	Exhibit 1.2 a	\$ 9,134.6	(408.3)	\$ 8,726.3 4	3.1	0.0	8774.4
Common Equity Capital Structure Return on Equity	b Exhibit 1.4 c	40.0% 10.41%	-0.32%	40.0% 10.09%	40.0% 10.09%	40.0% -0.67%	40.0% 9.42%
Return on Equity Regulatory Income Tax	d = a x b x c e = I 70.0	380.4 (9	(28.3) .4) 60	352.1	1.9 .8) (8	(23.4)	330.6 51.4
Regulatory Net Income (before tax)	f = d + e	450.3	(37.7)	412.6	1.1	(31.7)	382.0
Timing Differences (Note 1)	g	(175.6)	8.0 (1	67.7)	(4.2)	-	(171.8)
Taxable Income	h = f + g	274.7	(29.7)	245.0	(3.0)	(31.7)	210.2
Tax Rate Income Tax less: Income Tax Credits Regulatory Income Tax	i j = h x i k l = j + k	26.3% 72.1 (2.2) 70.0	26.3% (7.8) (1.6) (9.4)	26.3% 64.3 (3.8) 60.6	26.3% (0.8) - (0.8)	26.3% (8.3) - (8.3)	26.3% 55.2 (3.8) 51.4
Note 1. Book to Tax Timing Differences Timing difference adjustments less: lower depreciation due to capex reductions	Exhibit 1.2 EB-2010-0002		(4.1)		2.0		
add: CCA changes related to capex reductions Adjustment for HST Pag Adjustment for AFUDC rate Pag D43 and D44 Adjustment Bruce x Milton AFUDC add back Pag IFRS Accounting for Overheads Capitalized	e 30 e 31 Page 43 e 47 Page 62		4.6 0.4 1.0 (0.7) 6.2		(6.2)		
add: Tax adjustments Tax Adjustments to CCA Ontario credit addback		=	(1.1) 1.6 8.0	-	(4.2)		

Filed: De cember 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 1.6 Page 1 of 1

Hydro One Networks Inc.

2012 Rate Order

External Revenue

(\$ millions)	Supporting Reference	Hydro One Proposed 2012	OEB Decision Impact 2012	OEB Approved 2012	US GAAP Impact 2012	Cost of Capital Update 2012	Revised OEB Approved 2012
External Revenue		24.7	4.0	28.7	-	-	28.7
External Re venue Details		Hydro One Proposed	OEB Decision Impact OEB	• •	GAAP Impact Cost	of Capital Update Rev	
EB-2010-0002 Decision Reference Page 51		2012	2012 2012	2012	2012		2012
Secondary Land Use		12.5	-	12.5	-	-	12.5
Station Maintenance		3.0	4.0	7.0			7.0
Engineering & Construction		6.0	-	6.0			6.0
Other		3.2	-	3.2			3.2
Total		24 7	4.0	28.7	-	-	28.7

Filed: De cember 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 1.7 Page 1 of 1

Hydro One Networks Inc.

2012 Rate Order

Export Transmission Service Revenue

	Supporting	Hydro One Proposed	OEB Decision Impact	OEB Approved	US GAAP Impact	Cost of Capital Update	Revised OEB Approved
(\$ millions)	Reference	2012	2012	2012	2012	2012	2012
	ED 0040 0000						
	EB-2010-0002						
	Decision Reference						
			(= -)				
Export T ransmission Service Revenue	Page 54	(10.2)	(5.8)	(16.0)	-	-	(16.0)

Filed: December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 1.8 Page 1 of 1

Revised OEB Approved

Cost of Capital Update

Hydro On e Networks Inc.

2012 Rate Order

Deferral and Variance Accounts

OEB Approved

US GAAP Impact

OEB Decision Impact

Supporting

Hydro One Proposed

(\$ millions)	Reference	2012	2012	2012	2012	2012	2012
Deferral and Variance Accounts	Page 55-56	2.6	(2.6)	-	-	-	-
Deferral and Variance Accounts Details		Hydro One Proposed	OEB Decision Impact	OEB Approved	US GAAP Impact	Cost of Capital Update	Revised OEB Approved
Deferral and Variance Accounts Details		2012	2012	2012 2012	US GAAP IIIIpact	2012 2012	Revised OEB Approved
EB-2010-0002 Decision Reference Page 55-56							
Export Service Credit Revenue			-			-	
External Secondary Land Use			-			-	
External Station Maint. & E&CS IPSP & Other LT Proj. Planning		1.0	(1.0)			-	_
Pension Cost Differential		1.6	(1.6)			-	
Total		2.6 (2	2.6)	-	-	-	-

Hydro One Networks Inc.

2012 Rate Order

Continuity of Revenue Requirement

	H1 Proposed										OEB Decision Impact				
	Submission	Remove CWIP	BxM AFUDC	HST	OM&A	AFUDC	Cost of Capital	D43 & D44	Tax Adjustments	IFRS	Total Adjustments	OEB Approved	US GAAP Impact Adjustmen		Revised OEB
	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	<u>2012</u>	<u>2012</u> 2012	2012	
Revenue Requirement															
OM&A	450.0	0.0	0.0	(5.1)	(17.8)	0.0	0.0	0.0	0.0	200.0	177.1	627.1	(200.0)	0.0	427.1
Depreciation	334.8	0.0	0.4	(1.7)	0.0	(0.2)	0.0	(0.5)	0.0	(2.0)	(4.1)	330.8	2.0	0.0	332.8
Return on debt	312.2	(9.7)	0.6	(1.8)	(0.0)	(0.3)	(11.5)	(0.8)	0.0	(1.6)	(25.1)	287.1	1.6	(12.3)	276.4
Return on common equity	380.4	(12.0)	0.7	(2.2)	(0.0)	(0.4)	(11.4)	(1.0)	0.0	(1.9)	(28.3)	352.1	1.9	(23.4)	330.6
Income tax	70.0	(4.3)	0.1	0.3	(0.0)	(0.1)	(4.0)	(0.2)	(2.0)	0.8	(9.4)	60.6	(0.8)	(8.3)	51.5
	1547.4	(26.0)	1.8	(10.5)	(17.9)	(1.1)	(26.9)	(2.5)	(2.0)	195.3	110.3	1657.6	(195.3)	(43.9)	1418.4
Rate Bas e	9134.6	(289.0)	18.0	(53.3)	(1.1)	(10.3)	0.0	(24.6)	0.0	(48.1)	(408.3)	8726.3 781.3	48.1	0.0	8774.4 981.3
Capex	1008.3	0.0	35.5	(30.6)	0.0	(2.1)	0.0	(29.8)	0.0	(200.0)	(227.0)	701.3	200.0	0.0	961.3
EB-2010-0002 D ecision Referen		Page 47	Page 47	Page 30	Page 11	Page 31	Page 50	Page 43	Page 11	Page 62			Page 12	Page 50 Page 14	

Filed: December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 2.0 Page 1 of 1

Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002 and EB-2011-0268

Final 2012 Revenue Requirement by Rate Pool

		2012 Rate Pool Revenue Requirement (\$ Million)					
	Supporting			Transformation	Uniform Rates	Wholesale	
	Exhibit	Network	Line Connection	Connection	Sub-Total	Meter	Total
OM&A	1.1	210.9	38.1	105.5	354.5	0.4	354.9
Other Taxes (Grants-in-Lieu)	Note 1	45.4	10.4	16.4	72.2	0.0	72.2
Depreciation of Fixed Assets	1.2	191.3	41.3	83.0	315.7	0.1	315.7
Capitalized Depreciation	Note 2	(5.5)	(1.3)	(2.0)	(8.8)	(0.0)	(8.8)
Asset Removal Costs	Note 2	11.3	2.6	4.2	18.1	0.0	18.1
Other Amortization	Note 2	4.9	1.1	1.8	7.8	0.0	7.8
Return on Debt	1.4	173.7	39.7	63.0	276.4	0.1	276.4
Return on Equity	1.4	207.8	47.5	75.3	330.6	0.1	330.6
Income Tax	1.5	32.3	7.4	11.7	51.4	0.0	51.4
Base Revenue Requirement		872.1	186.8	358.9	1417.8	0.6	1418.4
Less Regulatory Asset Credit	1.8	0.0	0.0	0.0	0.0	0.0	0.0
Total Revenue Requirement		872.1	186.8	358.9	1417.8	0.6	1418.4
Less Non-Rate Revenues	1.6	(17.7)	(3.8)	(7.3)	(28.7)	(0.0)	(28.7)
Less Export Revenues	1.7	(16.0)			(16.0)		(16.0)
Plus LVSG Credit	6.0			11.5	11.5		11.5
Total Revenue Requirement for UTR		838.5	183.0	363.1	1384.6	0.6	1385.1
Hydro One Proposed Pool Revenue Requirement	Note 3	933.0	201.1	392.7	1526.8	0.6	1527.5

Note 1: Included with OM&A total in Exhibit 1.1. See EB-2010-0002 Exhibit G2, Tab 5, Schedule 1, Page 2.

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

Note 3: See EB-2010-0002 Exhibit G2, Tab 5, Schedule 1, Page 2.

Filed: December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 3.0 Page 1 of 1

Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002 and EB-2011-0268

Final 2012 Charge Determinants (for Setting Uniform Transmission Rates for January 1, 2012 to December 31, 2012)

	Total MW *
Network	238,134
Line Connection	231,434
Transformation Connection	200,008

^{* 2012} charge determinants per EB-2010-0002 Exhibit H1, Tab 3, Schedule 1, Table 1, multiplied by 12.

Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002 and EB-2011-0268

Uniform Transmission Rates and Revenue Disbursement Allocators (for Period January 1, 2012 to December 31, 2012)

Transmitter	Revenue Requirement (\$) (Note 3, Note 4)					
Transmitter	Network	Line Connection	Transformation Connection	Total		
FNEI	\$3,831,576	\$836,127	\$1,659,387	\$6,327,089		
CNPI	\$2,793,216	\$609,536	\$1,209,692	\$4,612,443		
GLPT	\$21,345,462	\$4,658,009	\$9,244,336	\$35,247,808		
H1N (Note 1)	\$838,477,537	\$182,972,674	\$363,129,562	\$1,384,579,773		
All Transmitters	\$866,447,790	\$189,076,346	\$375,242,977	\$1,430,767,113		

Transmitter	Total Annual Charge Determinants (MW) (Note 3, Note 4)					
1 ransmitter	Network	Line Connection	Transformation Connection			
FNEI	187.120	213.460	76.190			
CNPI	583.420	668.600	668.600			
GLPT	3,954.620	2,937.438	985.415			
H1N (Note 2)	238,134.047	231,433.958	200,008.248			
All Transmitters	242,859.207	235,253.456	201,738.453			

Transmitter	Uniform Rates and Revenue Allocators (Note 4)					
1 ransmitter	Network	Line Connection	Transformation Connection			
Uniform Transmission Rates (\$/kW-Month)	3.57	0.80	1.86			
FNEI Allocation Factor	0.00442	0.00442	0.00442			
CNPI Allocation Factor	0.00322	0.00322	0.00322			
GLPT Allocation Factor	0.02464	0.02464	0.02464			
H1N Alocation Factor	0.96772	0.96772	0.96772			
Total of Allocation Factors	1.00000	1.00000	1.00000			

- Note 1: Hydro One Networks (H1N) 2012 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: December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 4.1 Page 1 of 1

Hydro One Networks Inc.

Implementation of Decision with Reasons on EB-2010-0002 and EB-2011-0268

2012 Revenue Requirement and Charge Determinant Assumptions for Other Transmitters

T	Annual Revenue	Annual Charge Determinants (MW)			Approval	
Transmitter	Requirement (\$)	Network	Line Connection	Transformation Connection	Reference	
Five Nations En ergy Inc. (FNEI)	6,327,089	187.120	213.460	76.190	Note 1	
Canadian Niag ara Power (CNPI)	4,612,443	583.420	668.600	668.600	Note 2	
Great Lakes Power Transmission (GLPT)	35,247,808	3,954.620	2,937.438	985.415	Note 3	

Note 1: Rates Revenue Requirement and Charge Determinants per Board Decision and Order on EB-2009-0387 dated December 9, 2010.

Note 2: Rates Revenue Requirement and Charge Determinants per Board Decision on RP-2001-0034 dated December 11, 2001.

Note 3: Rates Revenue Requirement and Charge Determinants per Board Decision and Order on EB-2010-0291 dated on February 2, 2011, and 2012 Revenue Requirement Work Form submitted by GLPT to OEB in letter dated November 17, 2011.

December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 5.0 Page 1 of 2

HYDRO ONE NETWORKS INC. TRANSMISSION RATE ORDER EB-2011-0268

WHOLESALE METER SERVICE And EXIT FEE SCHEDULE

Rate Schedule: HON-MET Issued: December 20, 2011 Ontario Energy Board

APPLICABILITY:

This rate schedule is ap plicable to the *metered market participants** that are transmission customers of Hydro One Networks ("Networks") and to *metered market participants* that are customers of a Local D istribution Company ("LD C") that is connected to the trans mission 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 \$ 7,900 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.

APPENDIX B ONTARIO UNIFORM TRANSMISSION RATE SCHEDULES HYDRO ONE NETWORKS INC. TRANSMISSION RATE ORDER EB-2011-0268

DECEMBER 20, 2011

December 1, 2011 EB-2011-0268 2012 Rate Order Exhibit 4.2 Page 1 of 6

ONTARIO TRANSMISSION RATE SCHEDULES EB-2011-0268

The rate schedules contained herein shall be effective January 1, 2012.

Issued: December 20, 2011 Ontario Energy Board

TRANSMISSION RATE SCHEDULES

TERMS AND CONDITIONS

(A) APPLICABILITY The rate schedules contained herein pertain to the transmission service applicable to: •The provision of Provincial Transmission Service (PTS) to the Transmission Customers who are defined as the entities that withdraw electricity directly from the transmission system in the province of Ontario. •The provision of Export Transmission Service (ETS) to electricity market participants that export electricity to points outside Ontario utilizing the transmission system in the province of Ontario. The Rate Schedule ETS applies to the wholesale market participants who utilize the Export Service in accordance with the Market Rules of the Ontario Electricity Market, referred to hereafter as Market Rules. These rate schedules do not apply to the distribution services provided by any distributors in Ontario, nor to the purchase of energy, hourly uplift, ancillary services or any other charges that may be applicable in electricity markets administered by the Independent Electricity System Operator (IESO) of Ontario. (B) TRANSMISSION SYSTEM CODE The transmission service provided under these rate schedules is in accordance with the Transmission System Code (Code) issued by the Ontario Energy Board (OEB). The Code sets out the requirements, standards, terms and conditions of the transmitter's obligation to offer to connect to, and maintain the operation of, the transmission system. The Code also sets out the requirements, standards, terms and conditions under which a Transmission Customer may connect to, and remain connected to, the transmission system. The Code stipulates that a transmitter shall connect new customers, and continue to offer transmission services to existing customers, subject to a Connection Agreement between the customer and a transmitter.

(C) TRANSMISSION DELIVERY POINT The

Transmission Delivery Point is defined as the transformation station, owned by a transmission company or by the Transmission Customer, which steps down the voltage from above 50 kV to below 50 kV and which connects the customer to the transmission system. The demand registered by two or more meters at any one delivery point shall be aggregated for the purpose of assessing transmission charges at that delivery point if the corresponding distribution feeders from that delivery point, or the plants taking power from that delivery point, are owned by the same entity within the meaning of Ontario's Business Corporations Act. The billing demand supplied from the transmission system shall be adjusted for losses, as appropriate, to the Transmission Point of Settlement, which shall be the high voltage side of the transformer that steps down the voltage from above 50 kV to below 50 kV. (D) TRANSMISSION **SERVICE POOLS** The transmission facilities owned by the licenced transmission companies are categorized into three functional pools. The transmission lines that are used for the common benefit of all customers are categorized as Network Lines and the corresponding terminating facilities are Network Stations. These facilities make up the Network Pool. The transformation station facilities that step down the voltage from above 50 kV to below 50 kV are categorized as the Transformation Connection Pool. Other electrical facilities (i.e. that are neither Network nor Transformation) are categorized as the Line Connection Pool. All PTS customers incur charges based on the Network Service Rate (PTS-N) of Rate Schedule PTS.

TRANSMISSION RATE SCHEDULES

The PTS customers that utilize transformation connection assets owned by a licenced transmission company also incur charges based on the Transformation Connection Service Rate (PTS-T). The customer demand supplied from a transmission delivery point will not incur transformation connection service charges if a customer fully owns, or has fully contributed toward the costs of, all transformation connection assets associated with that transmission delivery point. The PTS customers that utilize lines owned by a licenced transmission company to connect to Network Station(s) also incur charges based on the Line Connection Service Rate (PTS-L). The customer demand supplied from a transmission delivery point will not incur line connection service charges if a customer fully owns, or has fully contributed toward the costs of, all line connection assets connecting that delivery point to a Network Station. Similarly, the customer demand will not incur line connection service charges for demand at a transmission delivery point located at a Network Station. (E) MARKET RULES The IESO will provide transmission service utilizing the facilities owned by the licenced transmission companies in Ontario in accordance with the Market Rules. The Market Rules and appropriate associated Market Manuals define the procedures and processes under which the transmission service is provided in real or operating time (on an hourly basis) as well as service billing and settlement processes for transmission service charges based on rate schedules contained herein. (F) METERING REQUIREMENTS In accordance with the Market Rules and the Transmission System Code, the transmission service charges payable by Transmission Customers shall be collected by the IESO. The IESO will utilize Registered Wholesale Meters and a Metering Registry in order to calculate the monthly transmission service charges payable by the Transmission Customers. Every Transmission Customer shall ensure that each metering installation in respect of which the customer has an obligation to pay transmission service charges

arising from the Rate Schedule PTS shall satisfy the Wholesale Metering requirements and associated obligations specified in Chapter 6 of the Market Rules, including the appendices therein, whether or not the subject meter installation is required for settlement purposes in the IESO-administered energy market. A meter installation required for the settlement of charges in the IESO-administered energy market may be used for the settlement of transmission service charges. The Transmission Customer shall provide to the IESO data required to maintain the information for the Registered Wholesale Meters and the Metering Registry pertaining to the metering installations with respect to which the Transmission Customers have an obligation to pay transmission charges in accordance with Rate Schedule PTS. The Metering Registry for metering installations required for the calculation of transmission charges shall be maintained in accordance with Chapter 6 of the Market Rules. The Transmission Customers, or Transmission Customer Agents if designated by the Transmission Customers, with each Transmission Delivery Point will be identified as Metered Market Participants within the IESO's Metering Registry. The metering data recorded in the Metering Registry shall be used as the basis for the calculation of transmission charges on the settlement statement for the Transmission Customers identified as the Metered Market Participants for each Transmission Delivery Point. The Metering Registry for metering installations required for calculation of transmission charges shall also indicate whether or not the demand associated with specific Transmission Delivery Point(s) to which a Transmission Customer is connected attracts Line and/or Transformation Connection Service Charges. This information shall be consistent with the Connection Agreement between the Transmission Customer and the licenced Transmission Company that connects the customer to the IESO-Controlled Grid. (G) EMBEDDED GENERATION The Transmission Customers shall ensure conformance of Registered Wholesale Meters in accordance with Chapter 6 of Market Rules, including

EFFECTIVE DATE: January 1, 2012

BOARD ORDER: EB-2011-0268 REPLACING BOARD ORDER: EB-2010-0002

January 18, 2011

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TRANSMISSION RATE SCHEDULES

Metering Registry obligations, with respect to metering installations for embedded generation that is located behind the metering installation that measures the net demand taken from the transmission system if (a) the required approvals for such generation are obtained after October 30, 1998; and (b) the generator unit rating is 2 MW or higher for renewable generation and 1 MW or higher for non-renewable generation; and (c) the Transmission Delivery Point through which the generator is connected to the transmission system attracts Line or Transformation Connection Service charges. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. Accordingly, the distributors that are Transmission Customers shall ensure that connection agreements between them and the generators, load customers, and embedded distributors connected to their distribution system have provisions requiring the Transmission Customer to satisfy the requirements for Registered Wholesale Meters and Metering Registry for such embedded generation even if the subject embedded generator(s) do not participate in the IESO-administered energy markets. (H) EMBEDDED CONNECTION **POINT** In accordance with Chapter 6 of the Market Rules, the IESO may permit a Metered Market Participant, as defined in the Market Rules, to register a metering installation that is located at the embedded connection point for the purpose of recording transactions in the IESO-administered markets. (The Market Rules define an embedded connection point as a point of connection between load or generation facility and distribution system). In special situations, a metering installation at the embedded connection point that is used to settle energy market charges may also be used to settle transmission service charges, if there is no metering installation at the point of connection of a distribution feeder to the Transmission Delivery Point. In above situations: •The Transmission Customer may utilize the metering installation at the embedded connection point, including all embedded generation and load connected to that point, to satisfy the requirements described in Section (F) above provided that the

same metering installation is also used to satisfy the requirement for energy transactions in the IESO-administered market. •The Transmission Customer shall provide the Metering Registry information for the metering installation at the embedded connection point, including all embedded generation and load connected to that point, in accordance with the requirements described in Section (F) above so that the IESO can calculate the monthly transmission service charges payable by the Transmission Customer.

January 18, 2011

RATE SCHEDULE: PTS

PROVINCIAL TRANSMISSION SERVICE

APPLICABILITY:

The Provincial Transmission Service (PTS) is applicable to all Transmission Customers in Ontario who own facilities that are directly connected to the transmission system in Ontario and that withdraw electricity from this system.

Monthly Rate (\$ per kW)

Network Service Rate (PTS-N):

3.57

\$ Per kW of Network Billing Demand^{1,2}

Line Connection Service Rate (PTS-L):

0.80

\$ Per kW of Line Connection Billing Demand^{1,3}

Transformation Connection Service Rate (PTS-T):

1.86

\$ Per kW of Transformation Connection Billing Demand^{1,3,4}

The rates quoted above shall be subject to adjustments with the approval of the Ontario Energy Board.

Notes:

- 1 The demand (MW) for the purpose of this rate schedule is measured as the energy consumed during the clock hour, on a "Per Transmission Delivery Point" basis. The billing demand supplied from the transmission system shall be adjusted for losses, as appropriate, to the Transmission Point of Settlement, which shall be the high voltage side of the transformer that steps down the voltage from above 50 kV to below 50 kV at the Transmission Delivery Point.

 2. The Network Service Billing Demand is defined as the higher of (a) customer coincident peak demand (MW) in the hour of the month when the total hourly demand of all PTS customers is highest for the month, and (b) 85 % of the customer peak demand in any hour during the peak period 7 AM to 7 PM (local time) on weekdays, excluding the
- hour of the month when the total hourly demand of all PTS customers is highest for the month, and (b) 85 % of the customer peak demand in any hour during the peak period 7 AM to 7 PM (local time) on weekdays, excluding the holidays as defined by IESO. The peak period hours will be between 0700 hours to 1900 hours Eastern Standard Time during winter
- (i.e. during standard time) and 0600 hours to 1800 hours Eastern Standard Time during summer (i.e. during daylight savings time), in conformance with the meter time standard used by the IMO settlement systems.
- 3 The Billing Demand for Line and Transformation Connection Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss-adjusted demand supplied from the transmission system plus (b) the demand that is supplied by embedded generation for which the required government approvals are obtained after October 30, 1998 and which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for losses.
- 4 The Transformation Connection rate includes recovery for OEB approved Low Voltage Switchgear compensation for Toronto Hydro Electric System Limited and Hydro Ottawa Limited.

TERMS AND CONDITIONS OF SERVICE:

The attached Terms and Conditions pertaining to the Transmission Rate Schedules, the relevant provisions of the Transmission System Code, in particular the Connection Agreement as per Appendix 1 of the Transmission System Code, and the Market Rules for the Ontario Electricity Market shall apply, as contemplated therein, to services provided under this Rate Schedule.

EFFECTIVE DATE: January 1, 2012	BOARD ORDER: EB-2011-0268	REPLACING BOARD ORDER:	Page 5 of 6 Ontario Uniform Transmission Rate Schedule
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RATE SCHEDULE: ETS EXPORT TRANSMISSION SERVICE

APPLICABILITY:

The Export Transmission Service is applicable for the use of the transmission system in Ontario to deliver electrical energy to locations external to the Province of Ontario, irrespective of whether this energy is supplied from generating sources within or outside Ontario.

Hourly Rate

Export Transmission Service Rate (ETS):

\$2.00 / MWh

The ETS rate shall be applied to the export transactions in the Interchange Schedule Data as per the Market Rules for Ontario's Electricity Market. The ETS rate shall be subject to adjustments with the approval of the Ontario Energy Board.

TERMS AND CONDITIONS OF SERVICE:

The attached Terms and Conditions pertaining to the Transmission Rate Schedules, the relevant provisions of the Transmission System Code and the Market Rules for the Ontario Electricity Market shall apply, as contemplated therein, to service provided under this Rate Schedule.

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