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COST OF CAPITAL/CAPITAL STRUCTURE 1 2 1. **INTRODUCTION** 3 4 The purpose of this evidence is to summarize the method and cost of financing Hydro 5 One Transmission's capital requirements for the rebasing year 2020. 6 7 The cost of capital as described in this Exhibit has been reflected in the revenue 8 requirements for each year of this Application. Hydro One anticipates updating the 9 revenue requirement for the 2020 to 2022 test years when the Board releases its 2020 cost 10 of capital parameters, reflecting: (a) the Board-approved 2020 return on equity and short-11 term debt rates; and (b) a long-term debt rate based on Hydro One's actual 2019 debt 12 issuances to-date and the September 2019 Consensus Forecast. Hydro One proposes that 13 the 2020 cost of capital parameters established at that time be used to determine the final 14 revenue requirements for 2020 to 2022 test years. 15 16 2. **CAPITAL STRUCTURE** 17 18 Hydro One Transmission's deemed capital structure for rate-making purposes is 60% 19 debt and 40% common equity of utility rate base. This capital structure was approved by 20 the Board, most recently as part of its Decision on Hydro One Transmission's 2017 and

21 2018 Rate Application (EB-2016-0160) and Hydro One Distribution's 2018-2022 Rate 22 Application (EB-2017-0049). This is consistent with the report of the Board on the Cost 23 of Capital for Ontario's Regulated Utilities, dated December 11, 2009, (EB-2009-0084), 24 and its subsequent Review of the Existing Methodology of the Cost of Capital for 25 Ontario's Regulated Utilities, dated January 14, 2016. The 60% debt component is 26 comprised 4% deemed debt 56% of short-term and long-term debt. 27

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3. RETURN ON COMMON EQUITY

2

Hydro One Transmission's evidence reflects a return on equity ("ROE") of 8.98% as a
placeholder for 2020 to 2022 based on the Cost of Capital Parameters released by the
OEB on November 22, 2018, for rates effective January 1, 2019. It is calculated as per
the Board's formulaic approach in Appendix B of the Cost of Capital for Ontario's
Regulated Utilities report, dated December 11, 2009, (EB-2009-0084).

8

As set out above, Hydro One will update the equity cost of capital for the 2020 to 2022
test years using the 2020 ROE to be calculated and released by the Board in the fall of
2019.

- 12
- 13

4. **DEEMED SHORT-TERM DEBT**

14

The Board has determined that the deemed amount of short-term debt that should be factored into rate-setting be fixed at 4% of rate base. The deemed short-term rate of 2.82% is being used by Hydro One as a placeholder for 2020 to 2022. This rate is based on the September 2018 average 3-month bankers' acceptance rate of 1.923% and the 0.9% average annual spread from the Cost of Capital Parameters released by the OEB on November 22, 2018, for rates effective January 1, 2019.

21

Hydro One will update the short-term debt rate for the 2020 to 2022 test years based on
the 2020 deemed short-term debt rate to be calculated and released by the Board in the
fall of 2019.

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1 5. LONG-TERM DEBT

2

The Board has determined that the deemed amount of long-term debt that should be 3 factored into rate-setting be fixed at 56% of rate base. The long-term debt rate is 4 calculated to be 4.57% for 2020 to 2022. The long-term debt rate is calculated as the 5 weighted average rate on embedded debt, new debt, and forecast debt planned to be 6 issued in 2020, as discussed in Exhibit G, Tab 1, Schedule 2. Details of Hydro One 7 Transmission's long-term debt rate calculation for the 2020 rebasing year are identified at 8 Exhibit G, Tab 1, Schedule 4. A detailed discussion of Hydro One Transmission's debt 9 and forecast interest rate is provided at Exhibit G, Tab 1, Schedule 2. 10

11

Historical long-term debt cost information is available at Exhibit G, Tab 1, Schedule 4.

13

As discussed in this Exhibit, Hydro One proposes updating the long-term debt rate for 2020 to 2022 based on Hydro One's actual 2019 debt issuances to-date and the September 2019 Consensus Forecast, consistent with the proposed update of the return on common equity and deemed short-term interest rate.

18

As Hydro One Transmission has a market-determined cost of debt, the weighted average long-term debt rate is also applied to any notional debt that is required to match the actual amount of long-term debt to the deemed amount of long-term debt, consistent with the Board's Decisions in EB-2016-0160 and EB-2017-0049. Filed: 2019-03-21 EB-2019-0082 Exhibit G Tab 1 Schedule 1 Page 4 of 4

6. COST OF CAPITAL SUMMARY

2

3 Historical, bridge, test and 2018 OEB approved debt and equity summary schedules are

4 available at Exhibit G, Tab 1, Schedule 3.

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COST OF THIRD PARTY LONG-TERM DEBT

1

3

4

1. HYDRO ONE TRANSMISSION LONG-TERM DEBT

The debt portfolio for Hydro One Transmission is detailed in Exhibit G, Tab 1, Schedule 4. Hydro One Transmission is allocated a portion of the debt issued by Hydro One Networks Inc. to Hydro One Inc. Hydro One Networks Inc. issues debt to Hydro One Inc. to reflect debt issued by Hydro One Inc. to third-party public debt investors.

9

Third-party public debt investors hold all of the long-term debt issued by Hydro One Inc. Hydro One Inc.'s debt financing strategy takes into consideration the objectives of cost effectiveness, distributing debt maturities evenly over time, and ensuring the term of the debt portfolio is compatible with the long life of the Company's assets.

14

Hydro One Inc. has a Medium Term Note ("MTN") Program that provides ready access to issue debt with a term greater than one year into the Canadian debt capital markets. The standard maturity terms of five, ten and thirty years are preferred by investors and represent the main financing that Hydro One Inc. utilizes to execute its financing strategy and raise the required funds. The short form base shelf prospectus for the current \$4.0 billion MTN Program is provided in Exhibit A, Tab 6, Schedule 5.

21

As noted in Exhibit G, Tab 1, Schedule 1, Hydro One proposed to update the long-term debt rate. In this exhibit, Hydro One has updated the debt rates for 2019 and 2020 to reflect the September 2018 consensus forecast and October 2018 long term consensus forecast. These will be further updated as part of the draft rate order process to include Hydro One's actual 2019 debt issuances to-date and the September 2019 Consensus Forecast. Updated: 2019-06-19 EB-2019-0082 Exhibit G Tab 1 Schedule 2 Page 2 of 8

1 2. CREDIT RATINGS

2

Credit ratings are a requirement because Hydro One Inc. issues medium term notes in the
Canadian public debt markets. Table 1 lists the credit ratings of Hydro One Inc.'s debt
obligations by DBRS, Moody's Investors Service and Standard & Poor's Rating
Services:

7

 Table 1: Credit Ratings for Hydro One Inc.

Rating Agency	Short-term Debt	Long-term Debt
Standard & Poor's Rating Services (S&P)	A-1(low)	A-
DBRS	R-1(low)	A(high)
Moody's Investors Service (Moody's)	Prime-2	Baa1

8

9 The most recent rating agency reports are provided in Exhibit A, Tab 6, Schedule 3.

10

3. COST OF LONG-TERM DEBT

12

The long-term debt rate is calculated as the weighted average cost rate on embedded debt, new debt (debt issued after the last OEB-approved rate application) and forecast debt planned to be issued in 2019 and 2020. The weighted average rate on long-term debt is 4.65% for 2019 and 4.57% for 2020. Details of Hydro One Transmission's long-term debt rate calculation for the 2019 bridge year and 2020 test year are identified at Exhibit G, Tab 1, Schedule 4.

19

The amount of each Hydro One Networks Inc. debt issue that is allocated to the Transmission business is based on its most recent forecast of borrowing requirements. Borrowing requirements are driven mainly by debt retirement, capital expenditures net of internally generated funds, and the maintenance of its capital structure. For example, in June 2018, Hydro One Inc. issued \$750 million of 31-year notes with a 3.63% coupon

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rate. Hydro One Transmission was allocated \$468 million, as shown on line 33 of
Exhibit G, Tab 1, Schedule 4, page 4. The coupon rates of debt issues allocated to the
Transmission business, as shown in Exhibit G, Tab 1, Schedule 4, are equal to the actual
interest rates on debt issued by Hydro One Networks Inc. to Hydro One Inc., and by
Hydro One Inc. to third-party public debt investors.

6

7

3.1 EMBEDDED DEBT

8

9 The Board has determined in its Cost of Capital Report that for embedded debt, the rate 10 approved in prior Board decisions shall be maintained for the life of each active 11 instrument, unless a new rate is negotiated, in which case it will be treated as new debt. 12 Hydro One Transmission's embedded long-term debt, which was issued during the period 13 from 2000 to 2016, is shown on lines 1 to 36 of Exhibit G, Tab 1, Schedule 4, page 2. 14 The effective cost rates on these embedded debt issues were approved by the Board as 15 part of EB-2016-0160.

16

17 **3.2 NEW DEBT**

18

The Board has determined in its Cost of Capital Report that the rate for new debt that is held by a third-party public debt investor will be the prudently negotiated contract rate. This would include recognition of premiums and discounts.

22

In June of 2018, Hydro One Inc. issued \$350 million of seven-year notes with a 2.97%
coupon rate, of which \$218.4 million was mapped to Hydro One Transmission, as shown
on lines 34 of Exhibit G, Tab 1, Schedule 4, page 4.

26

In June 2018, Hydro One Inc. also issued three-year notes worth \$300 million. At the time of the issue, Hydro One entered into a \$300 million notional principal amount fixed Filed: 2019-03-21 EB-2019-0082 Exhibit G Tab 1 Schedule 2 Page 4 of 8

to floating interest rate swap to convert this note into floating rate or short-term debt

2 paying an effective interest rate of three-month bankers' acceptance plus a spread. This

3 short-term debt is being used to finance the deemed short-term debt amount equal to 4%

4 of rate base.

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1 3.3 FORECAST DEBT

2

Hydro One Transmission's forecast borrowing requirements are \$1,278.5 million for
2019 and \$495.1 million for 2020.

5

⁶ Table 2 lists the fixed rate MTN's that Hydro One Transmission plans to issue in 2019, as

⁷ shown in lines 35 to 37 of Exhibit G, Tab 1, Schedule 4, page 5.

8

9

 Table 2: Forecast Debt Issues for 2019

Year	Principal Amount (\$Millions)	Term (Years)	Coupon
	426.2	5	3.45%
2019	426.2	10	3.81%
	426.2	30	4.19%

10

11 Table 3 lists the fixed rate MTN's which Hydro One Transmission plans to issue in 2020,

as shown on lines 37 to 39 of Exhibit G, Tab 1, Schedule 4, page 6.

13

14

Table 3:	Forecast	Debt	Issues	for 2020	
----------	----------	------	--------	----------	--

Year	Principal Amount (\$Millions)	Term (Years)	Coupon
	165.0	5	3.85%
2020	165.0	10	4.21%
	165.0	30	4.59%

15

16 3.4 INTEREST RATES FOR 2019 AND 2020 FORECAST DEBT ISSUES

17

18 Transmission business borrowing will be financed at market rates applicable to Hydro 19 One Inc. Table 4 summarizes the derivation of the forecast Hydro One Inc. yield for each 20 of the planned issuance terms for 2019 and 2020. Updated: 2019-06-19 EB-2019-0082 Exhibit G Tab 1 Schedule 2 Page 6 of 8

		2019		2020			
	5-year	10-year	30-year	5-year	10-year	30-year	
Government of Canada	2.61%	2.70%	2.71%	3.01%	3.10%	3.11%	
Hydro One Spread	0.84%	1.11%	1.48%	0.84%	1.11%	1.48%	
Forecast Hydro One Yield	3.45%	3.81%	4.19%	3.85%	4.21%	4.59%	

2

1

Each rate is comprised of the forecast Government of Canada bond yield plus the Hydro 3 One Inc. credit spread applicable to that term. The ten-year Government of Canada bond 4 yield forecast for 2019 is based on the average of the three-month and 12-month forecast 5 from the September 2018 Consensus Forecast. The ten-year Government of Canada 6 bond yield forecast for 2020 is based on the October 2018 Long Term Consensus 7 Forecast. The five-year Government of Canada bond yield forecasts are derived by 8 subtracting the September 2018 average spreads (five-year to ten-year for the five-year 9 forecast) from the ten-year Government of Canada bond yield forecast. The thirty-year 10 Government of Canada bond yield forecasts are derived by adding the September 2018 11 average spreads (30-year to ten-year for the 30-year forecast) to the ten-year Government 12 of Canada bond yield forecast. Hydro One's credit spreads over the Government of 13 Canada bonds are based on the average of indicative new issue spreads for September 14 2018 obtained from the Company's MTN dealer group for each planned issuance term. 15

16

Hydro One assumes that, for rates effective January 1, 2020, the forecast interest rate for Hydro One Transmission debt issues will be based on the September 2019 Consensus Forecasts and the average of indicative new issue spreads for September 2019 that will be obtained from the Company's MTN dealer group for each planned issuance term. In

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1	addit	ion, Hydro One assu	umes that long-term	debt rate will be up	dated to reflect the a	ctual
2	issua	nces of debt since	the time of origin	nal application, con	nsistent with the O	EB's
3	Decis	sion on Hydro One	Transmission's 201	7 to 2018 rate appli	cation in EB-2016-0	0160,
4	and c	changes in the intere	st rate forecast.			
5						
6	3.5	TREASURY ON	A&A COSTS			
7						
8	Treas	sury OM&A costs a	re incurred to:			
9	•	execute borrowin	g plans and issue co	mmercial paper and	long-term debt;	
10	•	ensure complianc	e with securities reg	gulations, bank and d	lebt covenants;	
11	•	manage Hydro (One's daily liquidi	ty position, control	cash, and manage	e the
12		company's bank a	accounts;			
13	•	settle all transacti	ons and manage rela	ationships with cred	itors; and	
14	•	communicate with	h debt investors, bar	nks and credit rating	agencies.	
15						
16	Treas	sury OM&A costs a	are provided in the	long-term debt sche	edules for the bridge	e and
17	test y	vears in Exhibit G, T	ab 1, Schedule 4 and	d are summarized in	Table 5:	
18						
19		Ta	able 5: Forecast Tr	easury OM&A Co	sts	
		Year	Amount	Line	Page	
		1 cai	(\$Millions)	Line	1 age	
		2019	1.8	39	5	
		2020	1.9	41	6	

20

21 **3.6 OTHER FINANCING-RELATED FEES**

22

Column (e) of Exhibit G, Tab 1, Schedule 4 ("Premium, Discount and Expenses")
represents the costs of issuing debt. These costs are specific to each debt issue and

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include commissions, legal fees, debt discounts or premiums on issues or re-openings of
 issues relative to par, and hedge gains or losses.

3

Other financing-related fees include the Transmission allocation of Hydro One Inc.'s standby credit facility, annual credit rating agency, filing fees to security regulators, letter of credit, banking, custodial and trustee fees. The amount of these fees are summarized in Table 6 below and are also provided in the long term debt schedules for the bridge and test years in Exhibit G, Tab 1, Schedule 4:

9

10

Table 6: Forecast Other Financing-Related Fees

Year	Amount (\$Millions)	Line	Page
2019	5.4	40	5
2020	5.3	42	6

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HYDRO ONE NETWORKS INC. TRANSMISSION Debt and Equity Summary Historical Years (2015, 2016, 2017, 2018) and Bridge Year (2019) As at December 31

(\$ Millions)

Updated Line		Amount Outstanding 2015	Amount Outstanding 2016	Amount Outstanding 2017	Amount Outstanding 2018	Amount Outstanding 2019	I
No.	Particulars	Actual (a)	Actual (b)	Actual (c)	Actual (d)	Bridge (e)	
Ι	Long-term debt *	4,819.1	5,489.1	5,084.1	5,358.0	6,046.4	I
2	Short-term debt	915.9	649.9	1,507.9	1,635.0	472.6	I
3	Preference shares	-	-	-	-	-	
4	Common equity	4,125.0	4,273.0	4,458.0	4,728.6	4,726.0	I

* Includes debt payable within one year; excludes variable rate debt, unamortized debt premiums/discount, hedging gains/losses and marks to market

Witness: Samir Chhelavda

HYDRO ONE NETWORKS INC.

TRANSMISSION

Summary of Cost of Capital Test Year 2020 Utility Capital Structure Year Ending December 31 (\$ Millions)

Line No.	Particulars	(\$M) (a)	2020 % (b)	Cost Rate (%) (c)	Return (\$M) (d)	-
Ι	Long-term debt	6,806.2	55.0%	4.57%	311.0	I
2	Short-term debt	495.0	4.0%	2.82%	14.0	I
3	Deemed long-term debt	123.5	1.0%	4.57%	5.6	I
4	Total debt	7,424.7	60.0%	4.45%	330.6	I
5	Common equity	4,949.8	40.0%	8.98%	444.5	I
6	Total rate base	12,374.5	100.0%	6.26%	775.0	

HYDRO ONE NETWORKS INC. TRANSMISSION Summary of Cost of Capital

Last Board-approved year (2018) Utility Capital Structure Year Ending December 31 (\$ Millions)

			201	8	
Line No.	Particulars	(\$M)	%	Cost Rate (%)	Return (\$M)
		(a)	(b)	(c)	(d)
Ι	Long-term debt	5468.1	49.05%	4.68%	255.8
2	Short-term debt	445.9	4.00%	2.29%	10.2
3	Deemed long-term debt	774.8	6.95%	4.68%	36.2
4	Total debt	6688.8	60.00%	4.52%	302.3
5	Common equity	4459.2	40.00%	9.00%	401.3
6	Total rate base	11,148.0	100.00%	6.31%	703.6

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Historic Year (2015) Year ending December 31

					Premium	Net Capital							
				Principal	Discount	T - 4 - 1	Per \$100			t Outstanding	A		Projected
Line	Offering	Courses	Maturity	Amount Offered	and	Total Amount	Principal	⊏ffe etive	at 12/31/14	at 12/31/15	Avg. Monthly	Carrying Cost	Average Embedded
	Date	Coupon Rate	Maturity Date		Expenses (\$Millions)	(\$Millions)	Amount (Dollars)	Effective Cost Rate	(\$Millions)	(\$Millions)	Averages	(\$Millions)	Cost Rates
No.		(b)	(c)	(\$Millions)	()	(/		-	(, /	()	(\$Millions)	(1	
	(a)	(d)	(0)	(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	98.4	7.49%	278.4	278.4	278.4	20.8	
2	22-Jun-01	6.930%	1-Jun-32	109.3	1.3	107.9	98.8	7.03%	109.3	109.3	109.3	7.7	
3	17-Sep-02	6.930%	1-Jun-32	58.0	(2.1)	60.1	103.6	6.65%	58.0	58.0	58.0	3.9	
4	31-Jan-03	6.350%	31-Jan-34	126.0	1.0	125.0	99.2	6.41%	126.0	126.0	126.0	8.1	
5	22-Apr-03	6.590%	22-Apr-43	145.0	1.1	143.9	99.3	6.64%	145.0	145.0	145.0	9.6	
6	25-Jun-04	6.350%	31-Jan-34	72.0	(0.2)	72.2	100.2	6.33%	72.0	72.0	72.0	4.6	
7	20-Aug-04	6.590%	22-Apr-43	39.0	(3.1)	42.1	107.9	6.06%	39.0	39.0	39.0	2.4	
8	24-Aug-04	6.350%	31-Jan-34	39.0	(1.4)	40.4	103.5	6.09%	39.0	39.0	39.0	2.4	
9	19-May-05	5.360%	20-May-36	228.9	8.7	220.2	96.2	5.62%	228.9	228.9	228.9	12.9	
10	3-Mar-06	4.640%	3-Mar-16	210.0	1.0	209.0	99.5	4.70%	210.0	210.0	210.0	9.9	
11	24-Apr-06	5.360%	20-May-36	187.5	2.5	185.0	98.7	5.45%	187.5	187.5	187.5	10.2	
12	22-Aug-06	4.640%	3-Mar-16	60.0	0.8	59.2	98.7	4.80%	60.0	60.0	60.0	2.9	
13	19-Oct-06	5.000%	19-Oct-46	30.0	0.2	29.8	99.3	5.04%	30.0	30.0	30.0	1.5	
14	13-Mar-07	4.890%	13-Mar-37	240.0	1.3	238.7	99.4	4.93%	240.0	240.0	240.0	11.8	
15	18-Oct-07	5.180%	18-Oct-17	225.0	0.8	224.2	99.6	5.23%	225.0	225.0	225.0	11.8	
16	3-Mar-08	5.180%	18-Oct-17	180.0	(3.1)	183.1	101.7	4.95%	180.0	180.0	180.0	8.9	
17	3-Mar-09	6.030%	3-Mar-39	195.0	1.2	193.8	99.4	6.07%	195.0	195.0	195.0	11.8	
18	16-Jul-09	5.490%	16-Jul-40	210.0	1.4	208.6	99.4	5.53%	210.0	210.0	210.0	11.6	
19	15-Mar-10	5.490%	24-Jul-40	120.0	(0.7)	120.7	100.6	5.45%	120.0	120.0	120.0	6.5	
20	15-Mar-10	4.400%	4-Jun-20	180.0	0.8	179.2	99.5	4.46%	180.0	180.0	180.0	8.0	
21	13-Sep-10	2.950%	11-Sep-15	150.0	0.6	149.4	99.6	3.03%	150.0	0.0	103.8	3.1	
22	13-Sep-10	5.000%	19-Oct-46	150.0	(0.4)	150.4	100.2	4.98%	150.0	150.0	150.0	7.5	
23	26-Sep-11	4.390%	26-Sep-41	205.0	1.3	203.7	99.3	4.43%	205.0	205.0	205.0	9.1	
24	22-Dec-11	4.000%	22-Dec-51	70.0	0.4	69.6	99.5	4.03%	70.0	70.0	70.0	2.8	
25	13-Jan-12	3.200%	13-Jan-22	154.0	0.8	153.2	99.5	3.26%	154.0	154.0	154.0	5.0	
26	22-May-12	3.200%	13-Jan-22	165.0	(1.6)	166.6	101.0	3.08%	165.0	165.0	165.0	5.1	
27	22-May-12	4.000%	22-Dec-51	68.8	0.3	68.4	99.5	4.02%	68.8	68.8	68.8	2.8	
28	31-Jul-12	3.790%	31-Jul-62	52.5	0.3	52.2	99.5	3.81%	52.5	52.5	52.5	2.0	
29	16-Aug-12	3.790%	31-Jul-62	141.0	1.1	139.9	99.2	3.83%	141.0	141.0	141.0	5.4	
30	9-Oct-13	4.590%	9-Oct-43	239.3	1.4	237.9	99.4	4.63%	239.3	239.3	239.3	11.1	
31	9-Oct-13	2.780%	9-Oct-18	412.5	1.7	410.8	99.6	2.87%	412.5	412.5	412.5	11.8	
32	29-Jan-14	4.290%	29-Jan-64	30.0	0.2	29.8	99.4	4.32%	30.0	30.0	30.0	1.3	
33	3-Jun-14	4.170%	3-Jun-44	198.0	1.2	196.8	99.4	4.21%	198.0	198.0	198.0	8.3	

34	Subtotal	4969.1	4819.1	4922.9	242.6	
35	Treasury OM&A costs				1.4	
36	Other financing-related fees				3.5	
37	Total	4969.1	4819.1	4922.9	247.4	5.03%

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Historic Year (2016) Year ending December 31

					Premium	Net Capital			1/1/2015	1/1/2016			
				Principal	Discount		Per \$100		Total Amount		1/1/2016	A 1	Projected
				Amount	and	Total	Principal		at	at	Avg. Monthly	Carrying	Average
Line	Offering	Coupon	Maturity	Offered	Expenses	Amount	Amount	Effective	12/31/15	12/31/16	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	98.4	7.49%	278.4	278.4	278.4	20.8	
2	22-Jun-01	6.930%	1-Jun-32	109.3	1.3	107.9	98.8	7.03%	109.3	109.3	109.3	7.7	
3	17-Sep-02	6.930%	1-Jun-32	58.0	(2.1)	60.1	103.6	6.65%	58.0	58.0	58.0	3.9	
4	31-Jan-03	6.350%	31-Jan-34	126.0	1.0	125.0	99.2	6.41%	126.0	126.0	126.0	8.1	
5	22-Apr-03	6.590%	22-Apr-43	145.0	1.1	143.9	99.3	6.64%	145.0	145.0	145.0	9.6	
6	25-Jun-04	6.350%	31-Jan-34	72.0	(0.2)	72.2	100.2	6.33%	72.0	72.0	72.0	4.6	
7	20-Aug-04	6.590%	22-Apr-43	39.0	(3.1)	42.1	107.9	6.06%	39.0	39.0	39.0	2.4	
8	24-Aug-04	6.350%	31-Jan-34	39.0	(1.4)	40.4	103.5	6.09%	39.0	39.0	39.0	2.4	
9	19-May-05	5.360%	20-May-36	228.9	8.7	220.2	96.2	5.62%	228.9	228.9	228.9	12.9	
10	3-Mar-06	4.640%	3-Mar-16	210.0	1.0	209.0	99.5	4.70%	210.0	0.0	48.5	2.3	
11	24-Apr-06	5.360%	20-May-36	187.5	2.5	185.0	98.7	5.45%	187.5	187.5	187.5	10.2	
12	22-Aug-06	4.640%	3-Mar-16	60.0	0.8	59.2	98.7	4.80%	60.0	0.0	13.8	0.7	
13	19-Oct-06	5.000%	19-Oct-46	30.0	0.2	29.8	99.3	5.04%	30.0	30.0	30.0	1.5	
14	13-Mar-07	4.890%	13-Mar-37	240.0	1.3	238.7	99.4	4.93%	240.0	240.0	240.0	11.8	
15	18-Oct-07	5.180%	18-Oct-17	225.0	0.8	224.2	99.6	5.23%	225.0	225.0	225.0	11.8	
16	3-Mar-08	5.180%	18-Oct-17	180.0	(3.1)	183.1	101.7	4.95%	180.0	180.0	180.0	8.9	
17	3-Mar-09	6.030%	3-Mar-39	195.0	1.2	193.8	99.4	6.07%	195.0	195.0	195.0	11.8	
18	16-Jul-09	5.490%	16-Jul-40	210.0	1.4	208.6	99.4	5.53%	210.0	210.0	210.0	11.6	
19	15-Mar-10	5.490%	24-Jul-40	120.0	(0.7)	120.7	100.6	5.45%	120.0	120.0	120.0	6.5	
20	15-Mar-10	4.400%	4-Jun-20	180.0	0.8	179.2	99.5	4.46%	180.0	180.0	180.0	8.0	
21	13-Sep-10	5.000%	19-Oct-46	150.0	(0.4)	150.4	100.2	4.98%	150.0	150.0	150.0	7.5	
22	26-Sep-11	4.390%	26-Sep-41	205.0	1.3	203.7	99.3	4.43%	205.0	205.0	205.0	9.1	
23	22-Dec-11	4.000%	22-Dec-51	70.0	0.4	69.6	99.5	4.03%	70.0	70.0	70.0	2.8	
24	13-Jan-12	3.200%	13-Jan-22	154.0	0.8	153.2	99.5	3.26%	154.0	154.0	154.0	5.0	
25	22-May-12	3.200%	13-Jan-22	165.0	(1.6)	166.6	101.0	3.08%	165.0	165.0	165.0	5.1	
26	22-May-12	4.000%	22-Dec-51	68.8	0.3	68.4	99.5	4.02%	68.8	68.8	68.8	2.8	
27	31-Jul-12	3.790%	31-Jul-62	52.5	0.3	52.2	99.5	3.81%	52.5	52.5	52.5	2.0	
28	16-Aug-12	3.790%	31-Jul-62	141.0	1.1	139.9	99.2	3.83%	141.0	141.0	141.0	5.4	
29	9-Oct-13	4.590%	9-Oct-43	239.3	1.1	237.9	99.4	4.63%	239.3	239.3	239.3	11.1	
30	9-Oct-13	2.780%	9-Oct-18	412.5	1.7	410.8	99.6	2.87%	412.5	412.5	412.5	11.8	
31	29-Jan-14	4.290%	29-Jan-64	30.0	0.2	29.8	99.4	4.32%	30.0	30.0	30.0	1.3	
32	3-Jun-14	4.170%	3-Jun-44	198.0	1.2	196.8	99.4	4.21%	198.0	198.0	198.0	8.3	
32	24-Feb-16	3.910%	24-Feb-46	198.0	1.2	190.8	99.4 99.36	3.95%	0.0	198.0	148.1	5.8	
33	24-Feb-10 24-Feb-16	2.770%	24-Feb-26	245.0	1.1	243.9	99.50 99.56	2.82%	0.0	245.0	207.3	5.8	
34	24-Feb-16	1.840%	24-Feb-20 24-Feb-21	245.0	0.9	243.9	99.50 99.63	1.92%	0.0	245.0	207.5	4.1	
36	18-Nov-16	3.720%	18-Nov-47	270.0	1.4	268.7	99.50	3.75%	0.0	270.0	41.5	1.6	
37		Subtotal							4819.1	5489.1	5219.8	246.9	
38		Treasury OM&	A costs									1.7	
39		Other financing										4.6	
40		Total	- ·-						4819.1	5489.1	5219.8	253.2	4.85%

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Historic Year (2017) Year ending December 31

				<u> </u>	Premium	Net Capital			1/1/2016	1/1/2017			
				Principal	Discount	T - 4 - 1	Per \$100			t Outstanding	1/1/2017	O a ma da a	Projected
1.1	Offering a	0	N - 4	Amount	and	Total	Principal	Effective	at 12/31/16	at	Avg. Monthly	Carrying	Average Embedded
Line No.	Offering Date	Coupon Rate	Maturity Date	Offered	Expenses (\$Millions)	Amount (\$Millions)	Amount (Dollars)	Cost Rate	(\$Millions)	12/31/17 (©Milliona)	Averages (\$Millions)	Cost (\$Millions)	Cost Rates
INO.				(\$Millions)						(\$Millions)	()	<u>, , , , , , , , , , , , , , , , , , , </u>	
	(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	98.4	7.49%	278.4	278.4	278.4	20.8	
2	22-Jun-01	6.930%	1-Jun-32	109.3	1.3	107.9	98.8	7.03%	109.3	109.3	109.3	7.7	
3	17-Sep-02	6.930%	1-Jun-32	58.0	(2.1)	60.1	103.6	6.65%	58.0	58.0	58.0	3.9	
4	31-Jan-03	6.350%	31-Jan-34	126.0	1.0	125.0	99.2	6.41%	126.0	126.0	126.0	8.1	
5	22-Apr-03	6.590%	22-Apr-43	145.0	1.1	143.9	99.3	6.64%	145.0	145.0	145.0	9.6	
6	25-Jun-04	6.350%	31-Jan-34	72.0	(0.2)	72.2	100.2	6.33%	72.0	72.0	72.0	4.6	
7	20-Aug-04	6.590%	22-Apr-43	39.0	(3.1)	42.1	107.9	6.06%	39.0	39.0	39.0	2.4	
8	24-Aug-04	6.350%	31-Jan-34	39.0	(1.4)	40.4	103.5	6.09%	39.0	39.0	39.0	2.4	
9	19-May-05	5.360%	20-May-36	228.9	8.7	220.2	96.2	5.62%	228.9	228.9	228.9	12.9	
10	24-Apr-06	5.360%	20-May-36	187.5	2.5	185.0	98.7	5.45%	187.5	187.5	187.5	10.2	
11	19-Oct-06	5.000%	19-Oct-46	30.0	0.2	29.8	99.3	5.04%	30.0	30.0	30.0	1.5	
12	13-Mar-07	4.890%	13-Mar-37	240.0	1.3	238.7	99.4	4.93%	240.0	240.0	240.0	11.8	
13	18-Oct-07	5.180%	18-Oct-17	225.0	0.8	224.2	99.6	5.23%	225.0	0.0	173.1	9.0	
14	3-Mar-08	5.180%	18-Oct-17	180.0	(3.1)	183.1	101.7	4.95%	180.0	0.0	138.5	6.9	
15	3-Mar-09	6.030%	3-Mar-39	195.0	1.2	193.8	99.4	6.07%	195.0	195.0	195.0	11.8	
16	16-Jul-09	5.490%	16-Jul-40	210.0	1.4	208.6	99.4	5.53%	210.0	210.0	210.0	11.6	
17	15-Mar-10	5.490%	24-Jul-40	120.0	(0.7)	120.7	100.6	5.45%	120.0	120.0	120.0	6.5	
18	15-Mar-10	4.400%	4-Jun-20	180.0	0.8	179.2	99.5	4.46%	180.0	180.0	180.0	8.0	
19	13-Sep-10	5.000%	19-Oct-46	150.0	(0.4)	150.4	100.2	4.98%	150.0	150.0	150.0	7.5	
20	26-Sep-11	4.390%	26-Sep-41	205.0	1.3	203.7	99.3	4.43%	205.0	205.0	205.0	9.1	
21	22-Dec-11	4.000%	22-Dec-51	70.0	0.4	69.6	99.5	4.03%	70.0	70.0	70.0	2.8	
22	13-Jan-12	3.200%	13-Jan-22	154.0	0.8	153.2	99.5	3.26%	154.0	154.0	154.0	5.0	
23	22-May-12	3.200%	13-Jan-22	165.0	(1.6)	166.6	101.0	3.08%	165.0	165.0	165.0	5.1	
24	22-May-12	4.000%	22-Dec-51	68.8	0.3	68.4	99.5	4.02%	68.8	68.8	68.8	2.8	
25	31-Jul-12	3.790%	31-Jul-62	52.5	0.3	52.2	99.5	3.81%	52.5	52.5	52.5	2.0	
26	16-Aug-12	3.790%	31-Jul-62	141.0	1.1	139.9	99.2	3.83%	141.0	141.0	141.0	5.4	
27	9-Oct-13	4.590%	9-Oct-43	239.3	1.4	237.9	99.4	4.63%	239.3	239.3	239.3	11.1	
28	9-Oct-13	2.780%	9-Oct-18	412.5	1.7	410.8	99.6	2.87%	412.5	412.5	412.5	11.8	
29	29-Jan-14	4.290%	29-Jan-64	30.0	0.2	29.8	99.4	4.32%	30.0	30.0	30.0	1.3	
30	3-Jun-14	4.170%	3-Jun-44	198.0	1.2	196.8	99.4	4.21%	198.0	198.0	198.0	8.3	
31	24-Feb-16	3.910%	24-Feb-46	175.0	1.1	173.9	99.36	3.95%	175.0	175.0	175.0	6.9	
32	24-Feb-16	2.770%	24-Feb-26	245.0	1.1	243.9	99.56	2.82%	245.0	245.0	245.0	6.9	
33	24-Feb-16	1.840%	24-Feb-21	250.0	0.9	249.1	99.63	1.92%	250.0	250.0	250.0	4.8	
34	18-Nov-16	3.720%	18-Nov-47	270.0	1.4	268.7	99.50	3.75%	270.0	270.0	270.0	10.1	
04	10 1404 10	0.72070	101101 -11	210.0	1.4	200.1	00.00	0.7070	210.0	210.0	210.0	10.1	
35		Subtotal							5489.1	5084.1	5395.7	250.6	
00		Sastotai							0-100.1	0007.1	0000.1	200.0	

35	Subtotal	5489.1	5084.1	5395.7	250.6	
36	Treasury OM&A costs				1.5	
37	Other financing-related fees				4.3	
38	Total	5489.1	5084.1	5395.7	256.5	4.75%

Witness: Samir Chhelavda

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Historic Year (2018) Year ending December 31

				Principal	Premium Discount	<u>Net Capital</u>	Employed Per \$100		1/1/2017 <u>Total Amount</u>	1/1/2018 Outstanding	1/1/2018		Projected
				Amount	and	Total	Principal		at	at	Avg. Monthly	Carrying	Average
Line	Offering	Coupon	Maturity	Offered	Expenses	Amount	Amount	Effective	12/31/2017	12/31/2018	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	1.3	107.9	98.78	7.03%	109.3	109.3	109.3	7.7	
3	17-Sep-02	6.930%	1-Jun-32	58.0	(2.1)	60.1	103.57	6.65%	58.0	58.0	58.0	3.9	
4	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	
5	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	
6	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	
7	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	
8	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	
9	19-May-05	5.360%	20-May-36	228.9	8.7	220.2	96.19	5.62%	228.9	228.9	228.9	12.9	
10	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	
11	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	
12	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	
13	3-Mar-09	6.030%	3-Mar-39	195.0	1.2	193.8	99.41	6.07%	195.0	195.0	195.0	11.8	
14	16-Jul-09	5.490%	16-Jul-40	210.0	1.4	208.6	99.36	5.53%	210.0	210.0	210.0	11.6	
15	15-Mar-10	5.490%	24-Jul-40	120.0	(0.7)	120.7	100.58	5.45%	120.0	120.0	120.0	6.5	
16	15-Mar-10	4.400%	4-Jun-20	180.0	0.8	179.2	99.55	4.46%	180.0	180.0	180.0	8.0	
17	13-Sep-10	5.000%	19-Oct-46	150.0	(0.4)	150.4	100.25	4.98%	150.0	150.0	150.0	7.5	
18	26-Sep-11	4.390%	26-Sep-41	205.0	1.3	203.7	99.35	4.43%	205.0	205.0	205.0	9.1	
19	22-Dec-11	4.000%	22-Dec-51	70.0	0.4	69.6	99.47	4.03%	70.0	70.0	70.0	2.8	
20	13-Jan-12	3.200%	13-Jan-22	154.0	0.8	153.2	99.47	3.26%	154.0	154.0	154.0	5.0	
21	22-May-12	3.200%	13-Jan-22	165.0	(1.6)	166.6	100.97	3.08%	165.0	165.0	165.0	5.1	
22	22-May-12	4.000%	22-Dec-51	68.8	0.3	68.4	99.51	4.02%	68.8	68.8	68.8	2.8	
23	31-Jul-12	3.790%	31-Jul-62	52.5	0.3	52.2	99.47	3.81%	52.5	52.5	52.5	2.0	
24	16-Aug-12	3.790%	31-Jul-62	141.0	1.1	139.9	99.20	3.83%	141.0	141.0	141.0	5.4	
25	9-Oct-13	4.590%	9-Oct-43	239.3	1.4	237.9	99.42	4.63%	239.3	239.3	239.3	11.1	
26	9-Oct-13	2.780%	9-Oct-18	412.5	1.7	410.8	99.59	2.87%	412.5	0.0	317.3	9.1	
27	29-Jan-14	4.310%	29-Jan-64	30.0	0.2	29.8	99.44	4.34%	30.0	30.0	30.0	1.3	
28	3-Jun-14	4.190%	3-Jun-44	198.0	1.2	196.8	99.40	4.23%	198.0	198.0	198.0	8.4	
29	24-Feb-16	3.910%	24-Feb-46	175.0	1.1	173.9	99.36	3.95%	175.0	175.0	175.0	6.9	
30	24-Feb-16	2.770%	24-Feb-26	245.0	1.1	243.9	99.56	2.82%	245.0	245.0	245.0	6.9	
31	24-Feb-16	1.840%	24-Feb-21	250.0	0.9	249.1	99.63	1.92%	250.0	250.0	250.0	4.8	
32	18-Nov-16	3.720%	18-Nov-47	270.0	1.4	268.7	99.50	3.75%	270.0	270.0	270.0	10.1	
33	26-Jun-18	3.630%	25-Jun-49	468.0	2.4	465.6	99.48	3.66%	0.0	468.0	252.0	9.2	
34	26-Jun-18	2.970%	26-Jun-25	218.4	0.9	217.5	99.60	3.03%	0.0	218.4	117.6	3.6	
54	20-0011-10	2.57070	20-001-20	210.4	0.5	217.5	55.00	0.0070	0.0	210.4	117.0	5.0	
35		Subtotal							5084.1	5358.0	5358.5	244.8	
36		Treasury OM8	&A costs									1.8	
37		Other financin										4.9	
20		Total							509/ 1	5259.0	5259 F	251.5	4 60%

- 36 37 Other financing-related fees Total
- 38

5084.1

5358.0

5358.5

251.5

4.69%

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Bridge Year (2019) Year ending December 31

<u>No.</u> 1 2 2	Offering Date (a)	Coupon Rate	Maturity	Amount	and					Outstanding			Projected
<u>No.</u> 1 2 2	Date	Rate			unu	Total	Principal		at	at	Avg. Monthly	Carrying	Average
1 2 2				Offered	Expenses	Amount	Amount	Effective	12/31/2018	12/31/2019	Averages	Cost	Embedded
2 2	(a)	(h)	Date	(\$Millions)	(\$Millions)	(\$Millions)	(Dollars)	Cost Rate	(\$Millions)	(\$Millions)	(\$Millions)	(\$Millions)	Cost Rates
2 2		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)
	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	
<u> </u>	22-Jun-01	6.930%	1-Jun-32	109.3	1.3	107.9	98.78	7.03%	109.3	109.3	109.3	7.7	
	17-Sep-02	6.930%	1-Jun-32	58.0	(2.1)	60.1	103.57	6.65%	58.0	58.0	58.0	3.9	
4 3	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	
5	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	
6 2	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	
7 2	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	
8 2	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	
9 1	19-May-05	5.360%	20-May-36	228.9	8.7	220.2	96.19	5.62%	228.9	228.9	228.9	12.9	
10 2	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	
11	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	
12 1	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	
13	3-Mar-09	6.030%	3-Mar-39	195.0	1.2	193.8	99.41	6.07%	195.0	195.0	195.0	11.8	
14	16-Jul-09	5.490%	16-Jul-40	210.0	1.4	208.6	99.36	5.53%	210.0	210.0	210.0	11.6	
15 ´	15-Mar-10	5.490%	24-Jul-40	120.0	(0.7)	120.7	100.58	5.45%	120.0	120.0	120.0	6.5	
16 ´	15-Mar-10	4.400%	4-Jun-20	180.0	0.8	179.2	99.55	4.46%	180.0	180.0	180.0	8.0	
17 1	13-Sep-10	5.000%	19-Oct-46	150.0	(0.4)	150.4	100.25	4.98%	150.0	150.0	150.0	7.5	
18 2	26-Sep-11	4.390%	26-Sep-41	205.0	1.3	203.7	99.35	4.43%	205.0	205.0	205.0	9.1	
19 2	22-Dec-11	4.000%	22-Dec-51	70.0	0.4	69.6	99.47	4.03%	70.0	70.0	70.0	2.8	
20	13-Jan-12	3.200%	13-Jan-22	154.0	0.8	153.2	99.47	3.26%	154.0	154.0	154.0	5.0	
21 2	22-May-12	3.200%	13-Jan-22	165.0	(1.6)	166.6	100.97	3.08%	165.0	165.0	165.0	5.1	
22 2	22-May-12	4.000%	22-Dec-51	68.8	0.3	68.4	99.51	4.02%	68.8	68.8	68.8	2.8	
23	31-Jul-12	3.790%	31-Jul-62	52.5	0.3	52.2	99.47	3.81%	52.5	52.5	52.5	2.0	
24 1	16-Aug-12	3.790%	31-Jul-62	141.0	1.1	139.9	99.20	3.83%	141.0	141.0	141.0	5.4	
25	9-Oct-13	4.590%	9-Oct-43	239.3	1.4	237.9	99.42	4.63%	239.3	239.3	239.3	11.1	
26 2	29-Jan-14	4.310%	29-Jan-64	30.0	0.2	29.8	99.44	4.34%	30.0	30.0	30.0	1.3	
27	3-Jun-14	4.190%	3-Jun-44	198.0	1.2	196.8	99.40	4.23%	198.0	198.0	198.0	8.4	
28 2	24-Feb-16	3.910%	24-Feb-46	175.0	1.1	173.9	99.36	3.95%	175.0	175.0	175.0	6.9	
29 2	24-Feb-16	2.770%	24-Feb-26	245.0	1.1	243.9	99.56	2.82%	245.0	245.0	245.0	6.9	
31 2	24-Feb-16	1.840%	24-Feb-21	250.0	0.9	249.1	99.63	1.92%	250.0	250.0	250.0	4.8	
32 1	18-Nov-16	3.720%	18-Nov-47	270.0	1.4	268.7	99.50	3.75%	270.0	270.0	270.0	10.1	
33 2	26-Jun-18	3.630%	25-Jun-49	468.0	2.4	465.6	99.48	3.66%	468.0	468.0	468.0	17.1	
34 2	26-Jun-18	2.970%	26-Jun-25	218.4	0.9	217.5	99.60	3.03%	218.4	218.4	218.4	6.6	
35 ´	15-Mar-19	4.195%	15-Mar-49	426.2	2.1	424.1	99.50	4.22%	0.0	426.2	327.8	13.8	
	15-Jun-19	3.814%	15-Jun-29	426.2	2.1	424.1	99.50	3.87%	0.0	426.2	229.5	8.9	
37 1	15-Sep-19	3.447%	15-Sep-24	426.2	2.1	424.1	99.50	3.56%	0.0	426.2	131.1	4.7	

38	Subtotal	5358.0	6636.5	6046.4	274.1		
39	Treasury OM&A costs				1.8		-
40	Other financing-related fees				5.4		
41	Total	5358.0	6636.5	6046.4	281.4	4.65%	

Witness: Samir Chhelavda

HYDRO ONE NETWORKS INC. TRANSMISSION Cost of Long-Term Debt Capital Test Year (2020) Year ending December 31

				Principal Amount	Premium Discount and	<u>Net Capital</u> Total	Employed Per \$100 Principal		1/1/2019 <u>Total Amount</u> at	1/1/2020 <u>Outstanding</u> at	1/1/2020 Avg. Monthly	Carrying	Projected Average
Line	Offering	Coupon	Maturity	Offered	Expenses	Amount	Amount	Effec ive	12/31/2019	12/31/2020	Averages	Cost	Embedded
No.	Date	Rate	Date		(\$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	1.3	107 9	98.78	7 03%	109.3	109.3	109.3	7.7	
3	17-Sep-02	6.930%	1-Jun-32	58.0	(2.1)	60.1	103.57	6.65%	58.0	58.0	58.0	39	
4	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	
5	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	
6	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	
7	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	
8	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	
9	19-May-05	5.360%	20-May-36	228.9	8.7	220 2	96.19	5.62%	228.9	228.9	228.9	12 9	
10	24-Apr-06	5.360%	20-May-36	187.5	25	185 0	98.68	5.45%	187.5	187.5	187.5	10 2	
11	19-Oct-06	5.000%	19-Oct-46	30.0	0.2	29.8	99.29	5 04%	30.0	30.0	30.0	15	
12	13-Mar-07	4.890%	13-Mar-37	240.0	13	238.7	99.45	4 93%	240.0	240.0	240.0	11 8	
13	3-Mar-09	6.030%	3-Mar-39	195.0	12	193 8	99.41	6 07%	195.0	195.0	195.0	118	
14	16-Jul-09	5.490%	16-Jul-40	210.0	1.4	208.6	99.36	5 53%	210.0	210.0	210.0	11.6	
15	15-Mar-10	5.490%	24-Jul-40	120.0	(0.7)	120.7	100.58	5.45%	120.0	120.0	120.0	6 5	
16	15-Mar-10	4.400%	4-Jun-20	180.0	0.8	179 2	99.55	4.46%	180.0	0.0	83.1	3.7	
17	13-Sep-10	5.000%	19-Oct-46	150.0	(0.4)	150.4	100.25	4 98%	150.0	150.0	150.0	7 5	
18	26-Sep-11	4.390%	26-Sep-41	205.0	1.3	203.7	99.35	4.43%	205.0	205.0	205.0	9.1	
19	22-Dec-11	4.000%	22-Dec-51	70.0	0.4	69.6	99.47	4 03%	70.0	70.0	70.0	2.8	
20	13-Jan-12	3.200%	13-Jan-22	154.0	0.8	153 2	99.47	3 26%	154.0	154.0	154.0	50	
20	22-May-12	3.200%	13-Jan-22	165.0	(1.6)	166.6	100.97	3 08%	165.0	165.0	165.0	5.1	
22	22-May-12 22-May-12	4.000%	22-Dec-51	68.8	0.3	68.4	99.51	4 02%	68.8	68.8	68.8	2.8	
22	31-Jul-12	4.000%	31-Jul-62	52.5	0.3	52.2	99.31 99.47	3 81%	52.5	52.5	52.5	20	
23	16-Aug-12	3.790%	31-Jul-62	141.0	1.1	139 9	99.47	3 83%	141.0	141.0	141.0	5.4	
24 25	9-Oct-13	4.590%	9-Oct-43	239.3		237 9	99.20 99.42	4.63%	239.3	239.3	239.3	11.1	
	29-Jan-14			239.3	1.4	237 9	99.42 99.44						
26	3-Jun-14	4.310%	29-Jan-64		0.2			4 34%	30.0	30.0	30.0	13	
27		4.190%	3-Jun-44	198.0	1.2	196 8	99.40	4 23%	198.0	198.0	198.0	8.4	
28	24-Feb-16	3.910%	24-Feb-46	175.0	1.1	173 9	99.36	3 95%	175.0	175.0	175.0	69	
29	24-Feb-16	2.770%	24-Feb-26	245.0	1.1	243 9	99.56	2 82%	245.0	245.0	245.0	69	
30	24-Feb-16	1.840%	24-Feb-21	250.0	0.9	249.1	99.63	1 92%	250.0	250.0	250.0	48	
31	18-Nov-16	3.720%	18-Nov-47	270.0	1.4	268.7	99.50	3.75%	270.0	270.0	270.0	10.1	
32	26-Jun-18	3.630%	25-Jun-49	468.0	2.4	465.6	99.48	3.66%	468.0	468.0	468.0	17.1	
33	26-Jun-18	2.970%	26-Jun-25	218.4	0.9	217 5	99.60	3 03%	218.4	218.4	218.4	6.6	
34	15-Mar-19	4.195%	15-Mar-49	426.2	2.1	424.1	99.50	4 22%	426.2	426.2	426.2	18 0	
35	15-Jun-19	3.814%	15-Jun-29	426.2	2.1	424.1	99.50	3 87%	426.2	426.2	426.2	16 5	
36	15-Sep-19	3.447%	15-Sep-24	426.2	2.1	424.1	99.50	3 56%	426.2	426.2	426.2	15 2	
37	15-Mar-20	4.595%	15-Mar-50	165.0	0.8	164 2	99.50	4.63%	0.0	165.0	126.9	59	
38	15-Jun-20	4.214%	15-Jun-30	165.0	0.8	164 2	99.50	4 28%	0.0	165.0	88.9	38	
39	15-Sep-20	3.847%	15-Sep-25	165.0	0.8	164 2	99.50	3 96%	0.0	165.0	50.8	20	
40													
40		Subtotal	0.4						6636.5	6951.6	6806.2	303.7	
/1		I reseury OM	X.A. costs									10	

40	Subtotal	0030.3	6951.6	6806.2	303.7	
41	Treasury OM&A costs				19	
42	Other financing-related fees				53	
43	Total	6636.5	6951.6	6806.2	311 0	4.57%