FIRM SERVICE TOLL CHARGE LINE 8 OIL PRODUCTS TRANSPORTATION SYSTEM

2020 OPERATING YEAR

April 2020

ENBRIDGE PIPELINES INC. FIM SERVICE TOLL CHARGE Line 8 Products Transportation System 2020 Operating Year

INDEX

	Statement Number
Firm Service Charge	
Firm Service Charge	FS-0
Operating and Maintenace Charge	
Operating and Maintenance (O&M) Charge	OM-0
Inflation Adjustment	OM-1
Non-Routine Adjustment Forecast (expensed)	OM-2
Deferred Amount O&M Adjustment	OM-3
Non-Routine Adjustment Forecast (expensed)	OM-4
Property Tax Adjustment	OM-5
Capital Charge	
Capital Charge	CC-0
Return on Equity and Interest Expense	CC-1
Forecast Tax Allowance	CC-2
Tax Allowance Variance	CC-3
Deferred Amount Capital Adjustment	CC-4
2019 Return on Equity and Interest Expense	CC-4.1
2019 Determination of Rate Base - 13 Point Average	CC-4.2
2019 Fixed Assets Account 30 - Transportation Plant	
Accured Depreciation, Interest Expense, and Return	
on Equity associated with Non-Routine Adjustment	
Variance (capitalized)	CC-5
Rate Base	
Determination of Rate Base - 13 Point Average	RB-0
Fixed Assets Account 30 - Transportation Plant	RB-1
Fixed Assets Account 30 - Transportation Plant - 13 Point Average	RB-2
Fixed Assets Account 31 - Accumulated Depreciation	
- Transportation Plant	RB-3
Fixed Assets Account 31 - Accumulated Depreciation	
- Transportation Plant - 13 Point Average	RB-4
Appendix C	
2020 O&M Rebase	Appendix C

Statement FS-0

Line 8 Oil Products Transportation System Firm Service Charge 2020

\$ 000

Line		Supporting	
No.	Particulars	Statement	2020
(a)	(b)	(c)	(d)
1	Firm Service Charge:		
2	Monthly O&M Charge	OM-0	410
3	Monthly Capital Charge	CC-0	742
4	Total (Line 2 + Line 3)	_	1,152
5 6	Allocated Capacity (m³/day) Imperial Oil	_	14,800
7	Total	_	14,800
8	Firm Service Toll [(Line 4/Line 7) * 1,000] (\$/m³/month)		77.838
9	Abandonment Surcharge (\$/m³/month)	Note 1	1.343
10	Total Firm Service Charge (\$/m³/month) (Line 8 + Line 9)		79.1808

Note 1: Abandonment Surcharge pursuant to NEB Decision MH-001-2013 and Order MO-030-2014.

Abandonment Surcharge as per Appendix B, Sarnia - Millgrove Junction ("Line 8") surcharge of \$0.007 per bbl. Line 8 = (\$0.007/bbl * 6.289811) = \$0.044/m3 * (366/12) = \$1.343/m3/month.

Statement OM-0

Line 8 Oil Products Transportation System Operating and Maintenance Charge 2020

Line No.	Particulars	Supporting Statement	2020
(a)	(b)	(c)	(d)
1	Annual O&M Charge		
2 3	Rebase Starting Point O&M Charge Inflation Adjustment	OM-1	4,788
4 5	Subtotal Forecast Inflation of 1.9% for 2020	Note 1	4,788 91
6	Current Year Starting Point O&M Charge	_	4,879
7	Non-Routine Adjustment Forecast (expensed)	OM-2	342
8 9 10 11 12 13	Adjustments - Prior Year Inflation Adjustment Deferred Amount O&M Adjustment Non-Routine Adjustment Variance (expensed) Property Tax Adjustment Carrying Charges on Lines 9 through 12 @ 3%	OM-1 OM-3 OM-4 OM-5 Note 2	(168) (122) - (9)
14	Total Adjustments - Prior Year (sum Lines 9 through Line 13)		(299)
15	Annual O&M Charge (Line 6 + Line 7 + Line 14)	_	4,922
16	Monthly O&M Charge (Line 15 divided by 12)	_	410

Note 1: 2020 Forecast CPI of 1.9% based on rate published in January by Consensus Economics Inc., per article 1.13 of the Financial Support & Service Agreement.

Note 2: The 2019 average of 12 monthly Bank rates in effect at the end of the month as published in the Bank of Canada Statistical Review plus 100 basis points, per article 1.8 of the FSA.

Statement OM-1

Line 8 Oil Products Transportation System Inflation Adjustment 2019 \$ 000

Line No.	Particulars	Actual
(a)	(b)	(c)
1	2019 Starting Point O&M Charge before Inflation	3,435
2	Actual Inflation Factor for 2019 @	1.95%
3	Forecast Inflation Factor for 2019 @	1.90%
4	Variance (Line 2 - Line 3)	0.05%
5	Inflation Adjustment (Line 1 x Line 4)	

Statement OM-2

Line 8 Oil Products Transportation System Non-Routine Adjustment Forecast (Expensed) 2020

\$ 000

Line No. **Particulars** Total (a) (b) (c) NRA Operating & Maintenance Expenses¹ 1 2 Cathodic Protection 67 3 Geo-hazard Assessment 199 4 Cleaning Program 76 5 Non-Routine Adjustments Forecast (Expensed) 342

Notes:

⁽¹⁾ The proposed NRA operating and maintenance expenses are estimated in the September 27, 2019 letter to Imperial Oil.

Statement OM-3

Line 8 Oil Products Transportation System Deferred Amount O&M Adjustment 2019 \$ 000

Line No.	Particulars	Total System
(a)	(b)	(c)
1 2	Monthly O&M Charge in Effect April 1 - December 31, 2019 Interim Monthly Charge in Effect January 1 - March 31, 2019	256 312
3	Difference in Monthly O&M Charge (Line 1 - Line 2)	(56)
4	Difference in Monthly O&M charge times 3 Months (Line 3 x 3)	(168)

Statement OM-4

Line 8 Oil Products Transportation System Non-Routine Adjustment Variance (Expensed) 2019 \$ 000

Line		Forecast for	Actual for	
No.	Particulars	2019	2019	Variance
(a)	(b)	(c)	(d)	(e)=(d)-(c)
1	NRA Operating & Maintenance Expenses			
2	In-Line Inspection	-	17	17
3	Cleaning Program	105	45	(60)
4	Geo-hazard Assessment	136	81	(55)
5	Cathodic Protection Program	40	11	(29)
6	Network Upgrade		5	5
7	Non-Routine Adjustments (Expensed)	281	159	(122)

Statement OM-5

Line 8 Oil Products Transportation System Property Tax Adjustment 2019 \$ 000

Line No.	Particulars	Amount
(a)	(b)	(c)
1 2	Actual Property Tax Expense 2019 Property Tax Included in O&M Charge 2019	779 771
3	Amount of Property Tax (Over)/Under Charged (Line 1 - Line 2)	8
4	Percentage (Over) / Under Charged (Line 3 / Line 2)	1.00%
5	Property Tax Adjustment if Line 4 greater than + / - 2%	<u>-</u> _

Statement CC-0

Line 8 Oil Products Transportation System Capital Charge 2020

Line		Supporting	
No.	Particulars	Statement	2020
(a)	(b)	(c)	(d)
1	Depreciation	RB-3	4,122
2	Interest Expense	CC-1	2,105
3	Return on Equity	CC-1	2,223
4	Forecast Tax Allowance	CC-2	426
5	Current Year Annual Capital Charge	_	8,876
6	Adjustments related to the prior year:		
7	Tax Allowance Variance	CC-3	168
8	Deferred Amount Capital Adjustment	CC-4	165
9	Capital Non Routine Adjustment Variance	CC-5	(304)
10	2019 Rate Base Adjustment	CC-4.1	` (1)
11	Carrying Charges on Lines 7 through 10 @ 3%	-	<u> </u>
12	Total Adjustments	, -	29
13	Annual Capital Charge (Line 5 + Line 12)	_	8,905
14	Monthly Capital Charge (Line 13 divided by 12)	<u>-</u>	742

Statement CC-1

Line 8 Oil Products Transportation System Return on Equity and Interest Expense 2020

\$ 000

Line No.	Particulars	Capital Ratio	Cost Rate	Weighted Cost	Rate Base RB-0	Return
(a)	(b)	(c)	(d)	(e)=(c) x (d)	(f)	(g)=(e) x (f)
1	Return on Equity	45.00%	6.88% ¹	3.10%	71,715	2,223
2	Interest:					
3	Original Rate Base	55.00%	10.75% ²	5.91%	1,080	64
4	Rate Base Additions & Working Capital	55.00%	5.26% ³	2.89%	70,635	2,041
5	Total Interest (Line 3 + Line 4)					2,105
6	Total Return (Line 1 + Line 5)					4,328

Notes:

^{(1) 2020} Multi-pipeline rate of return of 6.63% + 25 basis points, per article 8.5 of the FSA.

^{(2) 10.75%} per article 8.4(a) of the FSA.

⁽³⁾ The Main System of Enbridge Pipelines Inc. 2020 weighted average cost of debt of 4.76% + 50 basis points, per article 8.4(b) of the FSA.

Statement CC-2

Line 8 Oil Products Transportation System Forecast Tax Allowance 2020

Line No.	Particulars	Supporting Statement	2020
(a)	(b)	(c)	(d)
1	Return on Equity	CC-1	2,223
2	Permanent Differences:		-
3	Timing Differences:		<i>(</i> -)
4 5	AIDC Capitalized G&A		(3) (1)
6	Depreciation	RB-3	4,122
7	Capital Cost Allowance		(4,851)
8	Prior Year Toll Deferral Accounts	CC-3	(270)
9	Total Timing Differences (Sum of Lines 4-8)		(1,003)
10	Income Tax Base (Line 1 + Line 2 + Line 9)		1,220
11	Income Tax Factor (tax rate / (1 - tax rate))	-	34.9389%
12	Income Taxes (Line 10 x Line 11)		426
13	Ontario Provincial Capital Tax	-	
14 15	Forecast Tax Allowance before Carry-forward (Line 12 + Line 13) Forecast Tax Allowance Carry-Forward (Used)		426 -
16	Forecast Tax Allowance (Line 14 + Line 15)		426
17	ITA Carry-Forward Continuity	<u>.</u>	Cumulative
18 19	Forecast ITA for Carry-Forward (Used) Prior Year ITA Carry-Forward balance	CC-3	- -
20	Forecast Ending Cumulative ITA Carry-Forward (Line 18 + Line 19)		

Line 8 Oil Products Transportation System Tax Allowance Variance 2019 \$ 000

Return on Equity	Line No.	Particulars	2019 Actual	2019 Forecast	Variance (d-e)
Permanent Differences: - - - - - - - - -					
Timing Differences: Capital Cost Allowance (5,092) (5,039) (53) Depreciation 3,943 4,031 (88) AIDC (26) (98) 72 Capitalized G&A (55) (371) 316 Current Year Deferrals 270 - 270 Prior Year Deferrals (601) (601) (601) Total Timing Differences (Sum of Lines 4-9) (1,561) (2,078) 517 Income Tax Base 923 455 468 Income Tax Factor (tax rate / (1 - tax rate)) 33,3955% 36,8955% Income Tax Ses (Line 11 x Line 12) 336 168 168 Income Tax Allowance before Carry-Forward 336 168 168 Income Tax Allowance Carry-Forward 336 168 168 Income Tax Allowance (Line 15 + Line 16) 336 168 168 If A Carry-Back Prior Year ITA Available for Carry-Back The After Carry-Back ITA before Carry-Back ITA after Carry-Back 174 175 175 175 ITA after Carry-Back ITA for Carry-Forward - Current Year 175 175 175 175 ITA for Carry-Forward - Current Year 175 175 175 175 Tax for Carry-Forward - Current Year	1	Return on Equity	2,484	2,533	(49)
Capital Cost Allowance	2	Permanent Differences:	-	-	-
5 Depreciation 3,943 4,031 (88) 6 AIDC (26) (98) 72 7 Capitalized G&A (55) (371) 316 8 Current Year Deferrals 270 - 270 9 Prior Year Deferrals (601) (601) - 10 Total Timing Differences (Sum of Lines 4-9) (1,561) (2,078) 517 11 Income Tax Base 923 455 468 12 Income Tax Base 923 455 468 13 Income Tax Factor (tax rate / (1 - tax rate)) 336 168 168 14 Book to File - - - - 15 Income Tax Allowance before Carry-Forward 336 168 168 16 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - -		•	(F.002)	/F 020\	(52)
6 AIDC (26) (98) 72 7 Capitalized G&A (55) (371) 316 8 Current Year Deferrals 270 - 270 9 Prior Year Deferrals (601) (601) - 10 Total Timing Differences (Sum of Lines 4-9) (1,561) (2,078) 517 11 Income Tax Base 923 455 468 12 Income Tax Factor (tax rate / (1 - tax rate)) 36.3955% 36.8955% 468 13 Income Taxes (Line 11 x Line 12) 336 168 168 14 Book to File - - - - 15 Income Tax Allowance before Carry-Forward 336 168 168 16 Income Tax Allowance (Line 15 + Line 16) 336 168 168 17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - - - 20 Carry-Back - - - 21 Remainder Prior Year ITA After Carry-Back <td></td> <td></td> <td></td> <td></td> <td></td>					
7 Capitalized G&A (55) (371) 316 8 Current Year Deferrals 270 - 270 9 Prior Year Deferrals (601) (601) - 270 10 Total Timing Differences (Sum of Lines 4-9) (1,561) (2,078) 517 11 Income Tax Base 923 455 468 12 Income Tax Base 923 455 468 12 Income Tax Factor (tax rate / (1 - tax rate)) 36.3955% 36.8955% 13 Income Tax Selcine 11 x Line 12) 336 168 168 14 Book to File - - 15 Income Tax Allowance before Carry-Forward 336 168 168 16 Income Tax Allowance (Line 15 + Line 16) 336 168 168 17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 21 Remainder Prior Year ITA After Carry-Back					
8 Current Year Deferrals 270 (601) (601) 270 9 Prior Year Deferrals (601) (601) - 10 Total Timing Differences (Sum of Lines 4-9) (1,561) (2,078) 517 11 Income Tax Base 923 455 468 12 Income Tax Factor (tax rate / (1 - tax rate)) 36.3955% 36.8955% 36.8955% 13 Income Taxes (Line 11 x Line 12) 336 168 168 168 14 Book to File - - - 15 Income Tax Allowance before Carry-Forward 336 168 168 168 16 Income Tax Allowance (Line 15 + Line 16) 336 168 168 168 17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - - - 20 Carry-Back - - - 21 Remainder Prior Year ITA After Carry-Back - - - 22 ITA before Carry-Back - - - 23 Carry-Back - - - 24 ITA after Carry-Back (Line 22 + Line 23) -					
Prior Year Deferrals (601) (601)		·		(371)	
10 Total Timing Differences (Sum of Lines 4-9) (1,561) (2,078) 517 11 Income Tax Base 923 455 468 12 Income Tax Factor (tax rate / (1 - tax rate)) 36.3955% 36.8955% 468 13 Income Taxes (Line 11 x Line 12) 336 168 168 168 14 Book to File - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -				(601)	
11 Income Tax Base 923 455 468 12 Income Tax Factor (tax rate / (1 - tax rate)) 36.3955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.8955% 36.				`	
12 Income Tax Factor (tax rate / (1 - tax rate)) 36.3955% 36.8955% 13 Income Taxes (Line 11 x Line 12) 336 168 168 14 Book to File	10	Total Tilling Differences (Suff of Lines 4-9)	(1,301)	(2,070)	317
13 Income Taxes (Line 11 x Line 12) 336 168 168 14 Book to File - - - - 15 Income Tax Allowance before Carry-Forward - - - - - 17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - - - 20 Carry-Back - - - 21 Remainder Prior Year ITA After Carry-Back - - - 22 ITA before Carry-Back - - - 23 Carry-Back - - - 24 ITA after Carry-Back (Line 22 + Line 23) 336 25 ITA for Carry-Forward - Current Year - - 26 Prior Year ITA Carry-Forward balance - -	11	Income Tax Base	923	455	468
14 Book to File	12	Income Tax Factor (tax rate / (1 - tax rate))	36.3955%	36.8955%	
14 Book to File	13	Income Tayes (Line 11 v Line 12)	336	168	168
16 Income Tax Allowance Carry-Forward - - - - 17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - - - - 20 Carry-Back - - - - - 21 Remainder Prior Year ITA After Carry-Back - - - - - 22 ITA before Carry-Back 336 - - - - - 24 ITA after Carry-Back (Line 22 + Line 23) 336 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -			-	-	-
16 Income Tax Allowance Carry-Forward - - - - 17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - - - - 20 Carry-Back - - - - - 21 Remainder Prior Year ITA After Carry-Back - - - - - 22 ITA before Carry-Back 336 - - - - - 24 ITA after Carry-Back (Line 22 + Line 23) 336 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -					
17 Income Tax Allowance (Line 15 + Line 16) 336 168 168 18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back - - - 20 Carry-Back - - - 21 Remainder Prior Year ITA After Carry-Back - - - 22 ITA before Carry-Back - - - 23 Carry-Back - - - 24 ITA after Carry-Back (Line 22 + Line 23) 336 25 ITA for Carry-Forward - Current Year - - 26 Prior Year ITA Carry-Forward balance - -			336	168	168
18 ITA Carry-Back / Carry-Forward Continuity 2017 2018 Cumulative 19 Prior Year ITA Available for Carry-Back Carry-Back 10 Remainder Prior Year ITA After Carry-Back 11 ITA before Carry-Back 12 ITA before Carry-Back 13 Carry-Back 14 ITA after Carry-Back (Line 22 + Line 23) 15 ITA for Carry-Forward - Current Year 16 Prior Year ITA Carry-Forward balance 18 Cumulative 2017 2018 Cumulative 2018 Cumulative 336 336 336 336	16	income Tax Allowance Carry-Forward		-	<u>-</u> _
19 Prior Year ITA Available for Carry-Back	17	Income Tax Allowance (Line 15 + Line 16)	336	168	168
19 Prior Year ITA Available for Carry-Back					
20 Carry-Back - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td< td=""><td>18</td><td>ITA Carry-Back / Carry-Forward Continuity</td><td>2017</td><td>2018</td><td>Cumulative</td></td<>	18	ITA Carry-Back / Carry-Forward Continuity	2017	2018	Cumulative
20 Carry-Back - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td< td=""><td>19</td><td>Prior Year ITA Available for Carry-Back</td><td>-</td><td>_</td><td>_</td></td<>	19	Prior Year ITA Available for Carry-Back	-	_	_
22 ITA before Carry-Back 23 Carry-Back 24 ITA after Carry-Back (Line 22 + Line 23) 25 ITA for Carry-Forward - Current Year 26 Prior Year ITA Carry-Forward balance 36 37 37 38 38 38 38 38 38 38 38				-	<u>-</u> _
23 Carry-Back - 24 ITA after Carry-Back (Line 22 + Line 23) 25 ITA for Carry-Forward - Current Year 26 Prior Year ITA Carry-Forward balance -	21	Remainder Prior Year ITA After Carry-Back		-	_
23 Carry-Back - 24 ITA after Carry-Back (Line 22 + Line 23) 25 ITA for Carry-Forward - Current Year 26 Prior Year ITA Carry-Forward balance -					
23 Carry-Back - 24 ITA after Carry-Back (Line 22 + Line 23) 25 ITA for Carry-Forward - Current Year 26 Prior Year ITA Carry-Forward balance -	22	ITA before Carry-Back			336
25 ITA for Carry-Forward - Current Year - 26 Prior Year ITA Carry-Forward balance -		Carry-Back			<u> </u>
26 Prior Year ITA Carry-Forward balance	24	ITA after Carry-Back (Line 22 + Line 23)			336
27 Ending Cumulative ITA Carry-Forward (Line 25 + Line 26)					- -
	27	Ending Cumulative ITA Carry-Forward (Line 25 + Line 26)			

Statement CC-4

Line 8 Oil Products Transportation System Deferred Amount Capital Adjustment 2019 \$ 000

Line No.	Particulars	Amount
(a)	(b)	(c)
1 2	Monthly Capital Charge in Effect April 1 - December 31, 2019 Interim Monthly Charge in Effect January 1 - March 31, 2019	752 697
3	Difference in Monthly Capital Charge (Line 1 - Line 2)	55
4	Difference in Monthly Capital Charge Times 3 Months (Line 3 x 3)	165

Statement CC-4.1

Line 8 Oil Products Transportation System Return on Equity and Interest Expense 2019

Line No. (a)	Particulars (b)	Capital Ratio (c)	Cost Rate (d)	Weighted Cost (e)=(c) x (d)	Rate Base CC-4.2 (f)	2019 Actual (g)=(e) x (f)	2019 Forecast (h)	Variance Btwn Actual & Approved (i)=(g) - (h)
1	Return on Equity	45.00%	7.69% ¹	3.46%	71,782	2,484	2,533	(49)
2	Interest:							
3	Original Rate Base	55.00%	10.75% ²	5.91%	1,552	92	92	-
4	Rate Base Additions & Working Capital	55.00%	4.99% ³	2.74%	70,230	1,924	2,092	(168)
5	Total Interest (Line 3 + Line 4)				-	2,016	2,184	(168)
6	Total Return (Line 1 + Line 5)				_	4,500	4,717	(217)
7	Less amount associated with Non-Routine	Adjustment \	/ariance (Cap	italized) CC-5 (e:	xcluding depred	ciation componer	t)	(216)
8	Net Adjustment (Line 6 - Line 7)							(1)

Notes:

(1) 2019 Multi-pipeline rate of return of 7.44% + 25 basis points, per article 8.5 of the FSA.
(2) 10.75% per article 8.4(a) of the FSA.
(3) The Main System of Enbridge Pipelines Inc. 2019 weighted average cost of debt of 4.4885% + 50 basis points, per article 8.4(b) of the FSA.

Statement CC-4.2

Line 8 Oil Products Transportation System Determination of Actual Rate Base 13 - Point Average 2019

			Rate Base	
Line		Original	on Add'l	Total
No.	Date	Rate Base	Assets	Rate Base
(a)	(b)	(c)	(d)	(e)
1	January 1	1,787	71,267	73,054
2	January 31	1,748	70,884	72,632
3	February 28	1,709	70,662	72,371
4	March 31	1,670	70,342	72,012
5	April 30	1,631	70,064	71,695
6	May 31	1,592	69,772	71,364
7	June 30	1,553	69,482	71,035
8	July 31	1,514	69,196	70,710
9	August 31	1,475	68,906	70,381
10	September 30	1,435	68,616	70,051
11	October 31	1,395	68,327	69,722
12	November 30	1,355	71,378	72,733
13	December 31	1,315	71,076	72,391
14	Total	20,179	909,972	930,151
15	13 - Point Average Rate Base	1,552	69,998	71,550
16	Working Capital (1/12 of Annual O&M Charge)		232	232
17	Rate Base (Line 15 + Line 16)	1,552	70,230	71,782

Statement CC-4.3

Line 8 Oil Products Transportation System Fixed Assets Account 30 - Transportation Plant 2019

	Prime		Balance				Balance
Line	Acct		Beginning				End of
No.	No.	Description	of Period	Additions	Transfers	Retirements	Period
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1		Original Fixed Assets					
2	153	Pipe Lines	9,197	-	-	-	9,197
3	156	Buildings	3	-	-	-	3
4	159	Station Oil Lines	799	-	-	-	799
5	160	Other Station Equipment	1,431	-	-	-	1,431
6	184	Computer Equip. & Supplies	-	-	-	-	-
7	185	Work Equip Non Mobile	15	-	-	-	15
8	186	Pipeline Control Computer Equip.			-		
9		Total Original Fixed Assets	11,445	-	-		11,445
10		Additional Fixed Assets					
11	152	Land Rights	14	-	-	-	14
12	153	Pipe Lines	78,634	3,280	-	-	81,914
13	156	Buildings	466	-	-	-	466
14	159	Station Oil Lines	4,204	-	-	-	4,204
15	160	Other Station Equipment	3,582	-	-	-	3,582
16	184	Computer Equip. & Supplies	-	-	-	-	-
17	185	Work Equip Non Mobile	-	-	-	-	-
18	186	Pipeline Control Computer Equip.	10	-	-		10
19		Total Additional Fixed Assets	86,910	3,280	_	-	90,190

Statement CC-5

Line 8 Oil Products Transportation System Accrued Depreciation, Interest Expense, and Return on Equity Associated with Non-Routine Adjustment Variance (Capitalized) 2019

Line <u>No.</u> (a)	<u>Particulars</u> (b)	Total (c)
1	2019 Actual	
2	Average Rate Base	69,998
3	Depreciation	3,471
4	Interest Expense	1,918
5	Return on Equity	2,422
6	Total Adjustments (Sum of Lines 3-5)	7,811
7 8	2019 Forecast Average Rate Base	71,403
U	Average Nate Base	71,400
9	Depreciation	3,559
10	Interest Expense	2,085
11	Return on Equity	2,471
12	Total Adjustments (Sum of Lines 9-11)	8,115
13	Variance	
14	Depreciation	(88)
15	Interest Expense	(167)
16	Return on Equity	(49)
17	Accrued depreciation, interest expense and return on equity	
	associated with Non-Routine Adjustment Variance (Capitalized)	
	(Sum of Lines 14-16)	(304)

Statement RB-0

Line 8 Oil Products Transportation System Determination of Rate Base 13 - Point Average 2020

Line	Dete	Original	Rate Base	Total
No.	Date	Rate Base	Additions	Rate Base
(a)	(b)	(c)	(d)	(e)
1	January 1	1,315	71,076	72,391
2	January 31	1,276	70,775	72,051
3	February 28	1,237	70,609	71,846
4	March 31	1,198	71,108	72,306
5	April 30	1,159	70,969	72,128
6	May 31	1,120	70,692	71,812
7	June 30	1,081	70,470	71,551
8	July 31	1,042	70,248	71,290
9	August 31	1,003	69,943	70,946
10	September 30	963	69,638	70,601
11	October 31	923	69,333	70,256
12	November 30	883	69,028	69,911
13	December 31	843	69,035	69,878
14	Total	14,043	912,924	926,967
15	13 - Point Average	1,080	70,225	71,305
16	Working Capital (1/12 of Annual O&M Charge)	1,000	410	410
10	Training Sapital (1712 of 7 tillidal Salvi Olidigo)		710	710
17	Rate Base (Line 15 + Line 16)	1,080	70,635	71,715
	•			

Statement RB-1

Line 8 Oil Products Transportation System Fixed Assets Account 30 - Transportation Plant 2020

	Prime		Balance				Balance
Line	Acct		Beginning				End of
No.	No.	Description	of Period	Additions	Transfers	Retirements	Period
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1		Original Fixed Assets					
2	153	Pipe Lines	9,197	-	-	-	9,197
3	156	Buildings	3	-	-	-	3
4	159	Station Oil Lines	799	-	-	-	799
5	160	Other Station Equipment	1,431	-	-	-	1,431
6	184	Computer Equip. & Supplies	-	-	-	-	-
7	185	Work Equip Non Mobile	15	-	-	-	15
8	186	Pipeline Control Computer Equip.			-		<u>-</u>
9		Total Original Fixed Assets	11,445		-	-	11,445
10		Additional Fixed Assets					
11	152	Land Rights	14	-	-	-	14
12	153	Pipe Lines	81,914	250	-	-	82,164
13	156	Buildings	466	-	-	-	466
14	159	Station Oil Lines	4,204	1,359	-	-	5,563
15	160	Other Station Equipment	3,582	-	-	-	3,582
16	184	Computer Equip. & Supplies	-	-	-	-	-
17	185	Work Equip Non Mobile	-	-	-	-	-
18	186	Pipeline Control Computer Equip.	10	-	-	-	10
19		Total Additional Fixed Assets	90,190	1,609	-	-	91,799

Line 8 Oil Products Transportation System Fixed Assets Account 30 - Transportation Plant 13 - Point Average 2020

Line No.	Date	Balance as at Jan 1, 2020	Additions	Cumulative Additions	Retirements/ Transfers	Cumulative Retirements/ Transfers	Cumulative Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Original Assets						
2	January 1	11,445	_	_	_	_	11,445
3	January 31	11,445	_	_	_	_	11,445
4	February 28	11,445	_	_	_	_	11,445
5	March 31	11,445	_	_	_	_	11,445
6	April 30	11,445	_	-	_	-	11,445
7	May 31	11,445	_	_	_	_	11,445
8	June 30	11,445	_	_	_	_	11,445
9	July 31	11,445	_	_	_	-	11,445
10	August 31	11,445	_	_	_	_	11,445
11	September 30	11,445	_	_	_	-	11,445
12	October 31	11,445	_	_	_	-	11,445
13	November 30	11,445	_	_	_	-	11,445
14	December 31	11,445			-	-	11,445
15	Total	148,785	-	-	-	-	148,785
16	13 - Point Average	11,445	-	-	-	-	11,445
17	Additional Assets						
18	January 1	90,190	-	-	-	-	90,190
19	January 31	90,190	-	-	-	-	90,190
20	February 28	90,190	135	135	-	-	90,325
21	March 31	90,190	803	938	-	-	91,128
22	April 30	90,190	165	1,103	-	-	91,293
23	May 31	90,190	27	1,130	-	-	91,320
24	June 30	90,190	83	1,213	-	-	91,403
25	July 31	90,190	83	1,296	-	-	91,486
26	August 31	90,190	-	1,296	-	-	91,486
27	September 30	90,190	-	1,296	-	-	91,486
28	October 31	90,190	-	1,296	-	-	91,486
29	November 30	90,190	-	1,296	-	-	91,486
30	December 31	90,190	313	1,609	-	-	91,799
31	Total	1,172,470	1,609	12,608	-	-	1,185,078
32	13 - Point Average	90,190	124	970	-	_	91,160

Statement RB-3

Line 8 Oil Products Transportation System Fixed Assets Account 31 - Accumulated Depreciation - Transportation Plant 2020

	Prime		Balance				Balance
Line No.	Acct No.	Description	Beginning of Period	Additions	Transfers	Retirements	End of Period
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1		Original Plant in Service					
2	153	Pipe Lines	8,141	382			8,523
3	156	Buildings	0,141	302	-	-	0,323
	150	Station Oil Lines	709	32	-	-	711
4					-	-	741
5	160	Other Station Equipment	1,259	57	-	-	1,316
6	184	Computer Equip. & Supplies	-	-	-	-	- 04
7	185	Work Equip Non Mobile	20	1	-	-	21
8	186	Pipeline Control Computer Equipment				-	
9		Total Original Plant in Service	10,130	472	_	-	10,602
10		Additional Plant in Service					
11	152	Land Rights	7	1	-	_	8
12	153	Pipe Lines	17,414	3,286	-	_	20,700
13	156	Buildings	176	19	-	_	195
14	159	Station Oil Lines	681	201	-	-	882
15	160	Other Station Equipment	836	143	-	_	979
16	184	Computer Equip. & Supplies	-	-	-	-	-
17	185	Work Equip Non Mobile	_	_	-	_	_
18	186	Pipeline Control Computer Equip.			-	<u>-</u>	<u> </u>
19		Total Additional Fixed Assets	19,114	3,650	-	-	22,764
20		Total Accumulated Depreciation	29,244	4,122	-	-	33,366

Line 8 Oil Products Transportation System Account 31 - Accumulated Depreciation - Transportation Plant 13 - Point Average 2020

		Balance				Cumulative	
Line		as at		Cumulative	Retirements/	Retirements/	Cumulative
No.	Date	Jan 1, 2020	Additions	Additions	Transfers	Transfers	Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Original Assets						
2	January 1	10,130	-	-	-	-	10,130
3	January 31	10,130	39	39	-	-	10,169
4	February 28	10,130	39	78	-	-	10,208
5	March 31	10,130	39	117	-	-	10,247
6	April 30	10,130	39	156	-	-	10,286
7	May 31	10,130	39	195	-	-	10,325
8	June 30	10,130	39	234	-	-	10,364
9	July 31	10,130	39	273	-	-	10,403
10	August 31	10,130	39	312	-	-	10,442
11	September 30	10,130	40	352	-	-	10,482
12	October 31	10,130	40	392	-	-	10,522
13	November 30	10,130	40	432	-	-	10,562
14	December 31	10,130	40	472	-	-	10,602
15	Total	131,690	472	3,052	-	-	134,742
16	13 - Point Average	10,130	36	235	-	-	10,365
17	Additional Assets						
18	January 1	19,114	_	_	_	_	19,114
19	January 31	19,114	301	301	_	_	19,415
20	February 28	19,114	301	602	_	_	19,716
21	March 31	19,114	304	906	_	_	20,020
22	April 30	19,114	304	1,210	_	_	20,324
23	May 31	19,114	304	1,514	_	_	20,628
24	June 30	19,114	305	1,819	_	_	20,933
25	July 31	19,114	305	2,124	_	_	21,238
26	August 31	19,114	305	2,429	_	_	21,543
27	September 30	19,114	305	2,734			21,848
28	October 31	19,114	305	3,039	-	-	22,153
20 29	November 30	19,114	305	3,344	-	-	22,153
30	December 31	19,114	306	3,650			22,764
31	Total	248,482	3,650	23,672	-	-	272,154
32	13 - Point Average	19,114	281	1,821	_	-	20,935

APPENDIX C

Rebased Starting Point O & M Charge 2020

To the Line 8 Oil Products Transportation and Financial Support Service Agreement Between Enbridge and Imperial dated the 2nd day of October, 1995

1. ALLOCATED COSTS

			O & M	Charge (2	2015)	O&M	Charge (2	2020)
Department	Work Performed on Line 8	Cost Allocation Basis	Total Dept. Costs ³ (\$000)			Total Dept. Costs ³ (\$000)	Allocated Percent ³	Allocated Cost ⁴ (\$000)
Sarnia PLM	Pipeline repairs and maintenance; ROW maintenance and inspections	L8 oil product system kilometres of pipe in Sarnia PLM jurisdiction as a % of total kilometres of pipe in Sarnia PLM jurisdiction; Salaries per time estimate	1,147	31.30%	358	972	31.29%	304
Westover PLM	Pipeline repairs and maintenance; ROW maintenance and inspections	L8 oil product system kilometres of pipe in Westover PLM jurisdiction as a % of total kilometres of pipe in Westover PLM jurisdiction; Salaries per time estimate.	2,267	11.91%	269	2,427	11.33%	275
Enbridge Inc, EESCI and EESI	Administration services	Based on allocation factors consistent with Enbridge Inc. cost allocation methodologies	n/a	n/a	744	n/a	n/a	2,337
Eastern Region Office	Cathodic protection; communications and SCADA system maintenance; landowner consultation; administration.	S&W ² of E. Div. office personnel allocated to L8 oil products system as a % of total E. Div. office S&W.	5,658	6.31%	357	3,561	5.90%	210
Aviation	Pipeline patrol.	Based on an hourly rate, calculated by total departmental budgeted costs for the year over the estimated number of hours expected to be flown for that year.	n/a	n/a	58	n/a	n/a	9
Insurance	Comprehensive general liability & sudden and accidental pollution coverage. Property loss & business interruption (loss of earnings) coverage.	Enbridge Pipelines Inc. no longer carries insurance on the entire pipeline and only carries insurance on major water crossings. Therefore, the liability premium allocated to Line 8 is a fixed premium amount based on Property Replacement Costs.			9			9
NEB Cost Recovery Fee	NEB cost recovery fee associated with L8.	Enbridge's NEB Cost Recovery fee over the previous two years, allocated to L8 based on average throughput for L8 and Enbridge Sysytem over the same period.			607			738
TOTAL ALLOCATED					2,402			3,882

2. DIRECT COSTS

		O & M Charges (\$2015)	O & M Charges (\$2020)
Purpose	Description	Direct Cost (\$000)	Direct Cost (\$000)
Property Tax	Line 8 property taxes.	707	789
Materials/Contractors/Consultants	Non-capitalized pipeline materials and contractor/consultants charges for routine pipeline maintenance and administration (average of previous 5 years).		
		100	117
TOTAL DIRECT		807	906
3. TOTAL COSTS			
Total Allocated Costs		2,402	3,882
Total Direct Costs		807	906
TOTAL ANNUAL O & M CHARGE		3,209	4.788

¹ Enbridge Pipelines Inc. cost allocation methodology utilizes various allocation bases. The bases are determined by using allocation methods that best represent support being provided.

² Salaries and Wages

 $^{^{\}rm 3}$ Average 2018 and 2019 allocable department costs and allocation percentages.

 $^{^{\}rm 4}$ Average 2018 and 2019 actual Line 8 allocation, unless noted otherwise.