

TARIFF APPLYING ON CRUDE PETROLEUM

FROM

NORMAN WELLS, NORTHWEST TERRITORIES AND A POINT IN THE PROVINCE OF ALBERTA (PIPELINE KILOMETRE POST 839.2)

TO

ZAMA, ALBERTA

The tolls listed in this tariff are provisional only and are subject to a calendar year end adjustment based on the Carrier's actual full cost of service during the calendar year and in accordance with the Norman Wells Pipeline Agreement.

The tolls listed in this tariff are for the trunk line transportation of Crude Petroleum by pipeline subject to the Rules and Regulations published in Enbridge Pipelines (NW) Inc.'s Tariff NEB No. 24, and reissues thereof, all of which are specifically incorporated herein.

The tolls listed in this tariff include interim Abandonment Surcharges pursuant to NEB Decision MH-001-2013, Order MO-094-2014 and NEB Decision Letter dated December 28, 2018.

The tolls listed in this tariff are payable in Canadian currency.

The tene noted in the tarm are payable in Canadian canoney

ISSUED BY:

ISSUED: December 13, 2019

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EFFECTIVE: January 1, 2020

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TOLLS IN CAD DOLLARS PER CUBIC METRE FOR CRUDE PETROLEUM				
From To Crude Petroleur				
Kilometre Post 839.2, Alberta	Zama, Alberta	[I] 3.48		
Norman Wells, NWT	Zama, Alberta	[I] 104.09		

SYMBOLS:

[I] – Increase [W] – Change in wording only

Enbridge Pipelines (NW) Inc. Breakdown of Transmission Tolls Worksheet Supporting CER Tariff No. 49

TOLLS IN CAD DOLLARS PER CUBIC METRE

		iude Petroleum	Toll (\$/m3)		
то	FROM	Transmission	Abandonment Surcharge*	Total CER No. 49	
		(A)	(B)	(C) = A+B	
Zama, Alberta	Kilometre Post 839.2, Alberta	3.25	0.23	3.48	
Zama, Alberta	Norman Wells, NWT	97.15	6.94	104.09	

^{*} Interim basis as per NEB Letter Dated 28 December 2018

Estimate of Full Cost of Service For Operating Year 2020

December 2019

ENBRIDGE PIPELINES (NW) INC. Estimate of Full Cost of Service for Operating Year 2020

_____ INDEX _____

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Projected Income Statement

The forward period for which the provisional tolls are calculated is the twelve-month period commencing January 1, 2020.

Statement 100 provides a summary of the estimated full cost of service for the operating year 2020 in an income statement format. The estimated full cost of service is the basis for the provisional tolls and has been calculated in accordance with the terms of Article 4, Schedule "A" of the January 1, 1980 Norman Wells Pipeline Agreement, between Imperial Oil Ltd., Interprovincial Pipe Line (NW) Ltd. and Interprovincial Pipe Line Ltd. as amended and approved by the National Energy Board¹.

¹ Effective August 28, 2019, the National Energy Board has been replaced by the Canada Energy Regulator.

Enbridge Pipelines (NW) Inc.

Projected Income Statement 2020 Operating Year (\$000)

Line <u>No.</u> (a)	<u>Particulars</u> (b)	Supporting Statement (c)	1st <u>Quarter</u> (d)	2nd Quarter (e)	3rd <u>Quarter</u> (f)	4th <u>Quarter</u> (g)	2020 FCOS Estimate (h)
1	Transportation Revenue						
2	Pipeline transportation (1)		13,352	13,087	13,016	12,972	52,427
3	Amortization of 1985 Shipper Underpayment (2)		(3)	(3)	(3)	(4)	(13)
4	Other Revenue						
5	Total		13,349	13,084	13,013	12,968	52,414
6	Operating Expenses	101					
7	Net incentive costs		5,799	5,799	5,799	5,803	23,200
8	Intercompany charges		1,785	1,785	1,785	1,791	7,146
9	Total Operating Expenses		7,584	7,584	7,584	7,594	30,346
10	Depreciation and Amortization	104	3,381	3,381	3,381	3,382	13,525
11	Operating Income		2,384	2,119	2,048	1,992	8,543
12	Less: Interest expense	102.3	429	429	429	429	1,716
13	Provision for income taxes	103	523	453	434	418	1,828
14	Equity Return	102	1,432	1,237	1,185	1,145	4,999

⁽¹⁾ Pipeline transportation revenue is equal to the estimated full cost of service (2) Amortization has been extended due to the new Agreement term of Dec 31, 2030

Operating Expenses

Statement 101 is a schedule of estimated operating expenses for the 2020 operating year. The forecast incentive costs of \$23.2 million exclude intercompany charges of \$7.1 million.

Enbridge Pipelines (NW) Inc.

Operating Expenses Budget 2020 Operating Year (\$000)

Salaries and Wages	1,504
Employee Benefits	948
Other Employee Cost	279
Operating Fuel and Power	1,012
Materials and Supplies	204
Property Tax	2,468
Outside Service Purchased	12,858
Rent	3,648
Other Operating Expenses	279
Gross Operating Expenses	23,200

Enbridge Pipelines (NW) Inc.

Operating Expenses 2020 Operating Year (\$000)

Line <u>No.</u> (a)	<u>Particulars</u> (b)	2019 EFCOS Year <u>Total</u> (c)	Inflation Forecast (2) (d)	2020 Budget Year <u>Total</u> (e)
1 2	Incentive Costs Forecast Incentive Costs (1) Less: Capitalized Charges	22,767	1.9%	23,200
3	Net Incentive Costs			23,200
4	Intercompany Charges			7,146
5	Total Operating Expenses			30,346

⁽¹⁾ Calculated pursuant to the incentive cost methodology outlined in Schedule A, Section 4.1.1 (a)(ii)(C) of the Norman Wells Pipeline Agreement, as amended, and incorporates the negotiated forecast incentive cost for 2019 as the starting point.

⁽²⁾ As published by Consensus Economics Inc. October 2018 in accordance with Section 4.1.1 (a) (iii) of Schedule A of the Norman Wells Pipeline Agreement, as amended.

Return on Rate Base

Statement 102 outlines the forecast return on rate base for 2020. In accordance with Article 1.1 of the Norman Wells Pipeline Agreement as amended, the capital structure for the Enbridge (NW) pipeline system is based on a deemed equity component of 50% with the remaining 50% capital financed by debt (long term debt and (pre or un) funded debt) and future income taxes. The sum of these components as shown on Statement 102 Line 5, Column (c) equals the sum of rate base plus construction work in progress ("CWIP"). The forecast 13-point average for CWIP of \$9.5 million is outlined in **Statement 102.1**.

Since outstanding long-term debt was retired by the end of 1999 and future income taxes are less than 50% of the total capital required, the short fall is made up with unfunded debt, as shown on Statement 102, Line 3, Column (c).

The forecast return on equity of \$5.0 million is based on the 2020 multi-pipeline rate of return of 6.63%², based on the current methodology to calculate Return on Equity, as described in Section 4.6 of Schedule A to the Norman Wells Pipeline Agreement as amended. **Statement 102**, Line 1 details the calculation of the equity return. As indicated on **Statement 102.2**, no long-term debt issues are anticipated. The deemed short-term rate for unfunded debt is forecast to be 2.25%. This rate is composed of Enbridge (NW)'s projection of 2.00% for the average one month's Banker's Acceptance Rate (BA) for 2020 plus a margin of 25 basis points pursuant to Section 7.2.1 (v), of the Norman Wells Pipeline Agreement as amended. Future income taxes are included in the capital structure at no cost.

Statement 102.3 shows the calculation of the forecast total interest expense for 2020 in accordance with the definition of Capital Structure as set out in Article 1.1 of the Norman Wells Pipeline Agreement as amended. Total interest expense is the sum of deemed interest expense, amortization of debt discount & issue expense and the amortization of the debt redemption premium and costs partially offset by an allowance for interest during construction (AIDC) related to capital expenditures.

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² Released by the Canada Energy Regulator on December 10, 2019 [C03549]

Enbridge Pipelines (NW) Inc. Summary of 2020 Estimated Return on Rate Base (\$000, unless otherwise indicated)

Line No. (a)		Avg Balance (c)	Capital Ratio (d)	Cost Rate (e)	Wtd Cost (f) (d x e)	Rate Base ⁽¹⁾ (g)	Return (h) (f x g)
1	Equity	80,058	50.00%	6.63% ⁽²⁾	3.32%	150,572	4,999
2	Long Term Debt	-	0.00%	0.00% (3)	0.00%	150,572	-
3	(Pre) Unfunded Debt	93,186	58.20%	2.25% ⁽⁴⁾	1.31%	150,572	1,972
4	Future Income Taxes (5)	(13,128)	-8.20%	0.00%	0.00%	150,572	
5	Total Capital Required (6)	160,116	100.00%		4.63%	<u>-</u>	6,971

Notes:

⁽⁵⁾ Statement 103 - Line 32

⁽⁶⁾ Rate Base plus estimate for Average Construction Work in Progress:	
Rate Base (Statement 105 - Line 14)	150,572
Average CWIP Balance (Statement 102.1 - Line 14)	9,544
Total Capital Required (Line 11 + Line 12)	160,116

⁽¹⁾ Statement 105 - Line 14

^{(2) 2020} multi-pipeline rate of return on equity

⁽³⁾ Statement 102.2

⁽⁴⁾ Bankers' Acceptance Rate plus Margin of 25 basis points

2020 Estimated Construction Work in Progress (CWIP) 13-Point Average (\$000)

Line No.	<u>Date</u>	Monthly Expenditures	Month-end <u>Clearances</u>	Month-end Balance
(a)	(b)	(c)	(d)	(e)
1	Jan-01		-	5,946
2	Jan-31	1,729	(57)	7,618
3	Feb-28	593	(353)	7,858
4	Mar-31	468	(126)	8,201
5	Apr-30	696	(361)	8,536
6	May-31	573	(226)	8,883
7	Jun-30	559	(221)	9,221
8	Jul-31	507	(192)	9,537
9	Aug-31	528	(192)	9,873
10	Sep-30	828	(87)	10,614
11	Oct-31	1,054	-	11,668
12	Nov-30	(690)	214	11,191
13	Dec-31	12,166	(8,436) _	14,922
14	13-point average		_	9,544

Enbridge Pipelines (NW) Inc.

Weighted Average Cost of Debt 2020 Operating Year

All long term debt was retired in 1999.

Enbridge Pipelines (NW) Inc. Total Estimated Interest Expense 2020 Operating Year (\$000)

	(4000)				
Line					
No.	<u>Description</u>				
1	Deemed Interest Expense				
2	Deemed Long Term Debt			_	
3	Unfunded Debt			1,972	
			•		
4	Total Deemed Interest Expense (1)			1,972	1,972
5	Amortization of Discount & Expense				
6	Unamortized Discount & Expense	January 1	December 31	Amortization	
6 7	Series A	_	_	_	
8	Series B	_	_	_	
9	Series C	-	_	_	
		-			
10	Total Unamortized Discount & Expense				-
11	Amortization of 1996 Debt Redemption Premium and Costs (3)	Balance	Balance		
		January 1	December 31	Amortization	
	Unamortized Discount & Expense	440	405	44	
13 14	Series A Series B	116 105	105 95	11	
14	Series B	105	95	10	
15	Total	220	200	20	
16	Amortization of 1999 Debt Redemption Premium and Costs (3)	Balance	Balance		
	·	January 1	December 31	Amortization	
17	Redemption Premium	-			
18	Series A - April 1	30	27	3	
19	Series B - November 15	17	15	2	
20	Total	47	42	4	
20	Total		42		
21	Total Unamortized Redemption Premium & Costs (Line 15 + Line 20)	267	243	24	24
	,				
22	Allowance for Interest During Construction (2)				(280)
	J			_	<u> </u>
23	Total Interest Expense (Line 4 + Line 10 + Line 21 + Line 22)				1,716
(1)	Notes:				
	Statement 102 - Line 3				
(2)	Statement 103 - Line 24				

(3) Amortization has been extended due to the extension of the NW Agreement to Dec. 31, 2030

Provision for Income Taxes and Future Income Tax Balances

Statement 103 details the provision for income taxes and future income taxes for the operating year as well as the opening, closing and average future income tax balances for 2020. Pursuant to the Norman Wells Pipeline Agreement as amended, Schedule A, Article 4.4, amounts charged to Account 413, Provision for Income Taxes inclusive of future income taxes, are recoverable through provisional tolls. The average future income tax balance for 2020 (Line 32) is used in the determination of Return on Rate Base in Statement 102.

The provision for depreciation on the allowance for equity funds used during construction, on Line 4 of Statement 103 that relates to the balance of allowance for equity funds recorded in the assets at January 1, 2000, follows an amortized schedule through to 2030¹, the expiry of the Norman Wells Pipeline Agreement as amended, Article 2.1.

The provision for income taxes is on Line 12 of **Statement 103**. The provision was calculated using an income tax rate expected to be approximately 26.4%, which is based on current federal and provincial income tax rates in effect for 2020. The estimated 2020 distribution of taxable income is based on the relative kilometres of pipe, in addition to salaries and wages of employees residing in Alberta and the Northwest Territories, as specified in Regulation 411 of the Income Tax Act. **Statement 103.1** illustrates the derivation of the income tax rate. The provision for future income taxes on Line 28 of Statement 103 is calculated at the expected future tax rate of approximately 26.4%.

The timing difference for the amortized debt redemption premiums and costs (Line 26 of Statement 103) follows an amortization schedule through to 2030, the expiry of the Norman Wells Pipeline Agreement as amended, Article 2.1.

¹ The Enbridge Pipelines (NW) Inc. Agreement term has been extended to December 31, 2030.

2020 Operating Year
Provision for Income Taxes and Future Income Tax Balances (\$000)

Line <u>No.</u> (a)	<u>Particulars</u> (b)	
1	PROVISION FOR INCOME TAXES	
2 3	Return Related to Equity (Statement 102 - Line 1) Adjustments for Permanent Differences:	4,999
4 5 6 7	Depreciation on AEDC Depreciation on Land Rights (Statement 104 - Line 1) Differential on Future Income Tax Between Current and Future Income Tax Rates Meals & Entertainment (50%)	91 10 (5) 15
8	Income Tax Base	5,110
9 10 11 12 13	Provision for Income Taxes: 2020 Statutory Corporate Income Tax rate (Statement 103.1 - Line 8) Gross-up factor (current tax rate / (1 - current tax rate)) Provision for Income Taxes (Line 8 X 0.263979 / (1 - 0.263979)) Difference in FIT rate and current rate	35.8657% 1,833 (5)
14	Total Provision for Income Taxes	1,828
15	FUTURE INCOME TAX BALANCES	
16	Provision for Future Income Taxes	
17 18 19	Estimated Gross Depreciation (Statement 104 - Line 53) Less: Depreciation on AEDC (Line 4) Depreciation on Land Rights (Line 5)	13,525 (91) (10)
20 21 22 23 24 25	Estimated Net Depreciation Amortization of Shipper Underpayment Capital Cost Allowance Capitalized G&A Deduction Allowance for Interest During Construction Leak Accrual	13,424 13 (17,143) (780) (280)
26	Amortization of Debt Redemption Premiums and Costs (Statement 102.3 - Line 21)	24
27 28	Net Timing Differences Current Tax Rate for Future Income Tax accumulation (Line 10)	(4,741) 26.3979%
29	Provision for Future Income Taxes	(1,252)
30	Opening Future Income Tax Balance	13,754
31	Closing Future Income Tax Balance (Line 29 + Line 30)	12,502
32	Average Future Tax Balance ((Line 30 + Line 31) / 2)	13,128
33 34 35	INCOME TAX PROVISION Provision for Income Taxes Add: Provision for Future Income Taxes	1,828 (1,252)
36	Income Taxes Payable (Line 34 + Line 35)	576

Enbridge Pipelines (NW) Inc. Determination of the Statutory Corporate Income Tax Rate 2020 Operating Year

Line No.	Particulars	_		_	Statutory Income Tax Rate
1	Federal tax provision				15.0000%
				Effective	
2	Provincial taxes	Rate	X Allocator (1)	= Rate	
3 4	Alberta Northwest Territories	10.00% 11.50%	6.8045% 93.1955%	0.6805% 10.7175%	
5		_	100.0000%	11.3979%	
6					11.3979%
7	Federal Surtax			_	0.0000%
8	2020 Statutory Corporate	Income Tax	c rate	<u>-</u>	26.3979%

⁽¹⁾ Based on the relative percentages of kilometers of pipe and the proportion of taxable income for salaries and wages of employees residing in the provinces of Alberta and the Northwest Territories.

Provision for Depreciation

Statement 104 details the calculation of depreciation expense through the asset account sub-classes. The depreciation rates are effective January 1, 2020 according to the terms of depreciation expense under Schedule "A", Section 4.2, of the Norman Wells Pipeline Agreement as amended, for the major pipeline accounts 152 through 186. Depreciation rates have been adjusted to reflect rates that would be required to effectively amortize the undepreciated plant balance of each account by the end of the term of this agreement (December 31, 2030). **Statement 104.1** provides a comparison of the impact of the change in depreciation rates. Forecast depreciation expense is \$13.5 million.

Plant additions for 2020 are estimated to be \$12.0 million as provided below.

Project Name	Estimated Plant Additions 2020 (\$000)
L21 Segment Replacement Project	1,815
2020 Norman Wells Digs	10,182
Other	32
Total Estimated Plant Additions	12,029

Provision for Depreciation 2020 Operating Year (\$000)

							Additions	;		Retirement	s	
Line No.	Account Number	Plant Code	Depr. Rate	Plant Bal 1/2020	Prov. on Opening Balance	Plant Additions	Number of Months	Prov. on Additions	Plant Retirements	Number of Months	Over Prov. on Retirements	Total Provision
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
	Account 30 - Trans	sportation Plant										
1	152-0	152000	0.65%	1,578	10	-	-	-	-	-	-	10
2	153-0	153000	0.42%	46,557	195	-	-	-	-	-	-	195
3	153-A	153A00	0.46%	1,270	6	-	-	-	-	-	-	6
4 5	153-B 153-C	153B00 153C00	0.28% 1.05%	251,217 1,559	707	-	-	-	-	-	-	707
5 6	153-C 153-C49	153C00 153C49	5.62%	8,124	16 456		-	-	-	-	-	16 456
7	153-D	153D00	1.40%	884	12	_	_	_	_	_	_	12
8	153-D49	153D49	2.56%	6,457	165	-	-	-	-	-	-	165
9	153-E	153E00	0.99%	2,233	22	-	-	-	-	-	-	22
10	153-E49	153E49	5.52%	186,479	10,088	11,997	2	200	-	-	-	10,288
11	156-B	156B00	0.31%	13,404	41	-	-	-	-	-	-	41
12	156-C	156C00	0.86%	3,974 1,395	34	-	-	-	-	-	-	34 15
13 14	156-D 156-E	156D00 156E00	1.05% 0.73%	746	15 5			-	_	-	-	5
15	156-H	156H00	0.73%	400	3	_	_	_	_	_	-	3
16	156-H06	156H06	4.55%	581	26	-	_	-	_	-	-	26
17	158-A	158A00	0.34%	7,201	24	-	-	-	-	-	-	24
18	158-A07	158A07	2.16%	5,456	118	-	-	-	-	-	-	118
19	159-A	159A00	0.43%	3,311	14	-	-	-	-	-	-	14
20	159-B	159B00	0.00%	49	-	-	-	-	-	-	-	-
21 22	159-B 159-C	159B07 159C00	2.26% 1.17%	44 247	1	-	-	-	-	-	-	1
23	159-C07	159C00	4.20%	3,827	161						-	161
24	160-A	160A00	0.90%	255	2	_	_	_	_	_	-	2
25	160-C	160C00	2.28%	40,549	925	-	-	-	-	-	-	925
26	160-C45	160C45	1.32%	973	13	-	-	-	-	-	-	13
27	160-C65(2)	160C65	0.00%	-	-	-	-	-	-	-	-	-
28	160-D	160D00	2.99%	1,135	34	-	-	-	-	-	-	34
29 30	160-E	160E00	1.55%	458	7 22	32	1	-	-	-	-	7
30 31	163-A 184-A	163A00 184A00	1.51% 0.92%	1,434 238	22	32	1	-	_	-	_	22 2
32	184-B(2)	184B00	0.00%	230	_				-	-	-	-
33	184-C(2)	184C00	0.00%	9	-	-	-	-	_	-	-	-
34	184-C45	184C45	7.85%	11	1	-	-	-	-	-	-	1
35	184-C52	184C52	0.00%	6	-	-	-	-	-	-	-	-
36	184-C55	184C55	2.26%	27	1	-	-	-	-	-	-	1
37	184-D(2)	184D00	0.00%	-	-	-	-	-	-	-	-	-
38 39	184-D	184D09 185A00	0.00%	35	-	-	-	-	-	-	-	-
39 40	185-A(2) 185-D	185D00	0.00% 0.05%	3,799	2			-	_	-	-	2
41	185-E	185E00	0.00%	52	-	_	_	_	_	-	-	-
42	185-F	185F00	1.53%	1,567	24	-	-	-	_	-	-	24
43	185-G	185G00	2.15%	2,136	46	-	-	-	-	-	-	46
44	185-I	185100	0.00%	657	-	-	-	-	-	-	-	-
45	185-J	185J00	0.00%	-	-	-	-	-	-	-	-	-
46 47	185-S 186-0(2)	185S00 186000	0.79% 0.00%	1,577	12	-	-	-	-	-	-	12
47 48	186-0(2) 186-A	186000 186A00	0.00%	50	-	-	-	-	-	-	-	-
49	186-A01(2)	186A01	0.00%	-	-	-	-	_	_	-	-	-
50	186-B45	186B45	0.00%	19	-	-	-	-	-	-	-	-
51	186-B55	186B55	4.06%	2,722	111	-	-	-	-	-	-	111
52	190-0(2)	190000	0.00%	-	-	-	-	-	-	-	-	-
53	Total (1) (2)			604,703	13,325	12,029		200	-		-	13,525
54	Land			142								
55	Total		•	604,844								

⁽¹⁾ Excludes cost of Land

 $[\]ensuremath{^{(2)}}$ Original assets have been fully depreciated, therefore, depreciation is on new additions.

Comparison of Depreciation Rate Changes 2020 Operating Year (\$000)

(a) (b) (c) (d) (e) (f) Account 30 - Transportation Plant 1	eciation 2020
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51 186-855 186855 4,02% 109 4.06%	-
	111
52 190-0 190000 <u>0.00%</u> - <u>0.00%</u>	
53 Total 14,260	13,525

Rate Base

The Enbridge (NW) pipeline system rate base, itemized in **Statement 105**, is forecast to be \$150.6 million for the 2020 Operating Year.

The primary component of the rate base is the simple average of the opening and closing balances of the net book value of the Enbridge (NW) pipeline system. The two schedules following Statement 105 summarize the opening and closing positions of Transportation Plant (**Statement 105.1**) and Accumulated Depreciation (**Statement 105.2**), pursuant to Schedule "F" of the Norman Wells Pipeline Agreement as amended.

Enbridge Pipelines (NW) Inc. Determination of Rate Base 2020 Operating Year (\$000)

Line					
No.	<u>Particulars</u>		January 1	December 31	Average
(a)	(b)	_	(c)	(d)	(e) = [(c) + (d)]/2
1	Net Book Value				
2	Transportation Plant in Service (1)		604,844	616,873	610,859
3	Less: Accumulated Depreciation (2)		(458,131)	(471,656)	(464,894)
4	NBV Balance (Line 2 + Line 3)	_	146,713	145,217	145,965
5	Other Rate Base Items				
6	Equity Portion of Unamort. Shipper Underpayment		140	127	134
7	Inventory		1,689	1,689	1,689
8	Unamortized Debt Redemption Costs (3)		267	243	255
9	Unamortized Debt Issuance Costs	_	-		<u>-</u>
10	Total Other Rate Base Items	_	2,096	2,059	2,078
11	Working Capital Allowance				
12	Operating Expenses (4)	30,346			0.500
13	(1/12 x Line 12)				2,529
14	Total Rate Base (Line 4 + Line 10 + Line 13)				150,572

Notes:

- (1) Statement 105.1 Line 54
- (2) Statement 105.2 Line 54
- (3) Statement 102.3 Line 21
- (4) Statement 101 Line 5

Transportation Plant 2020 Operating Year (\$000)

Number Code Period Additions Transfers Retirements Period (h)	Line	Account	Plant	Balance Beginning of				Balance End of
1 151-0 151000 142 - 142 2 152-0 152000 1,578 - 1,578 3 153-0 153000 46,557 - 46,557 4 153-A 153000 127,17 - 251,217 5 153-B 153000 251,217 - 251,217 6 153-C49 153000 1,559 - 1,559 7 155-C49 153049 8,124 - 8,124 8 153-D4 153000 84 - 84 9 153-B4 153E00 2,233 - 2,233 11 153-E49 155E00 2,233 - 2,233 11 155-E49 156E00 3,374 - 1,394 12 156-B 156E00 1,395 - 1,394 13 166-C 156C00 1,395 - 1,394 14 156-D 156E00	No.		Code	Period	Additions		Retirements	Period (1)
152-0	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
152-0		454.0	454000	4.40				440
153-0					-	-	-	
4 153-A 15300 1,270 - 251,217 - 251,217 - 251,217 - 251,217 - 251,217 - 251,217 - 251,217 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 1,589 - 6,467 - 6,467 - 6,467 - 6,467 - 6,467 - 6,467 - 6,467 - 6,467 - 6,447 - 1,404 - 1,584 186,479 11,997 198,475 198,475 11,404 - 13,404 - 13,404 - 13,404 - 13,404 - 13,404 - 13,404 - 1,305 - 1,305 - 1,365 - 1,365 - 1,365 - 1,365 - -					-	-	-	
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10					-	-	-	
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13	11	153-E49	153E49	186,479	11,997	-	-	198,475
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53 190-0 190000 <u> </u>					-	-	-	
					-	_	_	2,122
54 Total 604,844 12,029 616,873	-		.0000					
	54	Total		604,844	12,029	-		616,873

⁵⁵ Average Transportation Plant in Service (Line 55: [Col (d) + Col (h)] \div 2)

610,859

 $^{^{\}left(1\right)}$ Assumes asset fully depreciated by Dec. 31, 2030

Transportation Plant - Accumulated Depreciation 2020 Operating Year (\$000)

Line	Account	Plant	Balance Beginning of				Balance End of
No.	Number	Code	Period	Additions	Transfers	Retirements	Period (1)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	151.0	151000					
1 2	151-0 152-0	151000 152000	1,466	10	-	-	- 1,476
3	153-0	153000	44,412	195			44,607
4	153-0 153-A	153A00	1,206	6			1,212
5	153-B	153B00	243,405	707	_	_	244,112
6	153-C	153C00	1,379	16	_	_	1,395
7	153-C49	153C49	3,106	456	_	_	3,562
8	153-D	153D00	748	12	_	_	760
9	153-D49	153D49	4,638	165	_	_	4,803
10	153-E	153E00	1,990	22	_	-	2,012
11	153-E49	153E49	75,511	10,288	-	-	85,799
12	156-B	156B00	12,950	41	-	-	12,991
13	156-C	156C00	3,600	34	-	-	3,634
14	156-D	156D00	1,234	15	-	-	1,248
15	156-E	156E00	686	5	-	-	691
16	156-H	156H00	368	3	-	-	371
17	156-H06	156H06	290	26	-	-	317
18	158-A	158A00	6,934	24	-	-	6,958
19	158-A07	158A07	4,158	118	-	-	4,276
20	159-A	159A00	3,154	14	-	-	3,169
21	159-B	159B00	44	-	-	-	44
22	159-B	159B07	33	1	-	-	34
23	159-C	159C00	215	3	-	-	218
24	159-C07	159C07	2,060	161	-	-	2,221
25	160-A	160A00	230	2	-	-	232
26	160-C	160C00	30,373	925	-	-	31,298
27	160-C45	160C45	832	13	-	-	845
28	160-C65	160C65	-	-	-	-	-
29	160-D	160D00	761	34	-	-	795
30 31	160-E 163-A	160E00 163A00	380 1,197	7 22	-	-	388
32	184-A	184A00	214	2	-	-	1,218 216
33	184-B	184B00	-	-			210
34	184-C	184C00	9	- -			g
35	184-C45	184C45	1	1			2
36	184-C52	184C52	3	-	_	_	3
37	184-C55	184C55	20	1	_	_	21
38	184-D	184D00	-	· -	_	_	
39	184-D	184D09	31	-	_	-	31
40	185-A	185A00	_	-	_	_	-
41	185-D	185D00	3,779	2	_	_	3,781
42	185-E	185E00	52	-	_	-	52
43	185-F	185F00	1,303	24	-	-	1,327
44	185-G	185G00	1,629	46	-	-	1,675
45	185-I	185100	661	-	-	-	661
46	185-J	185J00	52	-	-	-	52
47	185-S	185S00	1,441	12	-	-	1,454
48	186-0	186000	-	-	-	-	-
49 50	186-A	186A00	51	-	-	-	51
50 51	186-A01	186A01	- 17	-	-	-	17
51 52	186-B45 186-B55	186B45 186B55	1,506	111	-	- -	1,616
53	190-0	190000	1,500	-	_	-	1,010
	Total		458,131	13,525			471,656

Average Accumulated Depreciation (Line 55: [Col (d) + Col (h)] ÷ 2)

464,894

 $^{^{\}left(1\right)}$ Assumes asset fully depreciated by Dec. 31, 2030

2020 Provisional Tolls and Tariffs

Statement 106 illustrates the determination of the provisional tolls as approved by the NEB Board Order AO-1-TO-2-81. The estimated deliveries are based on information received from the shippers noted below.

	Cubic Metres
Norman Wells to Zama	
Imperial Oil Resources	538,436
Total Injections at NW, NWT	538,436
km Post 839.2 to Zama	
Alberta Petroleum Marketing Commission	366
Tidal Energy Marketing	36,600
Total Injections at KP839.2	36,966
Total Deliveries to Zama	575,402

Statement 106.1 provides the details of the 2020 estimated deliveries by quarter.

The calculation of the 2020 provisional toll is based upon an annual unit transportation rate per cubic metre kilometre. For each receipt location the unit transportation rate multiplied by the distance from that receipt point to Zama is the provisional toll for the movement.

Tariff Applying on Crude Petroleum, NEB No. 49, revises the existing tariff, NEB No. 48. The changes relate to transportation tolls only and not to abandonment surcharges.

Enbridge Pipelines (NW) Inc.

Determination of Provisional Tolls 2020 Operating Year

Line		Norma	n Wells	KP	839.2	
No.	Particulars	to Z	'ama	to 2	Zama	Total
(a)	(b)	(c)	((d)	(e)
1	Estimated total deliveries (m³) (1)		538,436		36,966	575,402
2	Distance Shipped (km)		868		29	
3	Volume x Distance (000 m³km)		467,362		1,072	468,434
4	Estimated Full Cost of Service (\$000) (2)					\$ 52,427
5	Unit Transportation Rate (\$/m³km)					\$ 0.111920
6	Provisional Tolls (\$/m³)	\$	97.15	\$	3.25	

Notes:
(1) Statement 106.1 - Line 9
(2) Statement 100 - Line 2

Enbridge Pipelines (NW) Inc.

Deliveries by Quarter 2020 Operating Year

Line <u>No.</u> (a)	<u>Particulars</u> (b)	1st <u>Quarter</u> (c)	2nd <u>Quarter</u> (d)	3rd <u>Quarter</u> (e)	4th <u>Quarter</u> (f)	Total <u>Year</u> (g)
1	Average daily deliveries (m³/day)					
2	Norman Wells to Zama	1,507	1,477	1,453	1,448	1,471
3	km Post 839.2 to Zama	101	101	101	101	101
4	Total	1,608	1,578	1,554	1,549	1,572
5	Number of Days in Period	91	91	92	92	366
6	Estimated total deliveries (m³)					
7	Norman Wells to Zama	137,137	134,407	133,676	133,216	538,436
8	km Post 839.2 to Zama	9,191	9,191	9,292	9,292	36,966
9	Total	146,328	143,598	142,968	142,508	575,402

Minimum Bill for Imperial Oil Resources 2020 Operating Year (\$000)

Line <u>No.</u>	<u>Particulars</u>	2020 Year <u>Total</u>
1	Operating expenses	30,346
2	Depreciation (1)	8,471
3	Income taxes payable	576
4	Cost of Debt	1,716
5	Total Minimum Bill	41,109
6	Monthly Minimum Bill (Line 5/12)	3,426

⁽¹⁾ As there is no Original Debt outstanding in 2020, the Depreciation for minimum bill purposes consists of the amortization of debt incurred by Enbridge (NW) for its regulated operations relating to the Pipeline System from January 1, 2020 to December 31, 2030 as per Schedule C, Section 3.4(C) of the Norman Wells Pipeline Agreement, as amended.