



## ENBRIDGE PIPELINES (NW) INC.

### 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**

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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.

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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.

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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.

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**ISSUED: November 27, 2020**

**EFFECTIVE: January 1, 2021**

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**ISSUED BY:**

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TOLLS IN CAD DOLLARS PER CUBIC METRE FOR CRUDE PETROLEUM		
From	To	Crude Petroleum
Kilometre Post 839.2, Alberta	Zama, Alberta	[I] 4.50
Norman Wells, NWT	Zama, Alberta	[I] 134.71

**SYMBOLS:**

[I] – Increase

[N] – New

[W] – Change in wording only

Enbridge Pipelines (NW) Inc. Breakdown of Transmission Tolls Worksheet Supporting CER Tariff No. 50				
TOLLS IN CAD DOLLARS PER CUBIC METRE Crude Petroleum				
TO	FROM	Toll (\$/m3)		
		Transmission	Abandonment Surcharge*	Total CER No. 50
		(A)	(B)	(C) = A+B
Zama, Alberta	Kilometre Post 839.2, Alberta	4.27	0.23	4.50
	Norman Wells, NWT	127.77	6.94	134.71

\* Interim basis as per NEB Letter Dated 28 December 2018

**ENBRIDGE PIPELINES (NW) INC.**

**Estimate of Full Cost of Service  
For Operating Year  
2021**

**November 2020**

**ENBRIDGE PIPELINES (NW) INC.**  
**Estimate of Full Cost of Service**  
**for Operating Year**  
**2021**

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**ENBRIDGE PIPELINES (NW) INC.**

**Projected Income Statement**

The forward period for which the provisional tolls are calculated is the twelve-month period commencing January 1, 2021.

**Statement 100** provides a summary of the estimated full cost of service for the operating year 2021 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 Board<sup>1</sup>.

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 Effective August 28, 2019, the National Energy Board has been replaced by the Canada Energy Regulator.

**Enbridge Pipelines (NW) Inc.**

Projected Income Statement  
 2021 Operating Year  
 (\$000)

Line No. (a)	Particulars (b)	Supporting Statement (c)	1st Quarter (d)	2nd Quarter (e)	3rd Quarter (f)	4th Quarter (g)	2021 FCOS Estimate (h)
1	Transportation Revenue						
2	Pipeline transportation <sup>(1)</sup>		14,543	14,914	10,811	15,466	55,735
3	Amortization of 1985 Shipper Underpayment <sup>(2)</sup>		(3)	(3)	(3)	(4)	(13)
4	Other Revenue		-	-	-	-	-
5	Total		14,540	14,911	10,808	15,462	55,722
6	Operating Expenses	101					
7	Net incentive costs		5,904	5,904	5,904	5,906	23,618
8	Intercompany charges		2,073	2,073	2,073	2,072	8,291
9	Total Operating Expenses		7,977	7,977	7,977	7,978	31,909
10	Depreciation and Amortization	104	4,179	4,179	4,179	4,177	16,714
11	Operating Income		2,384	2,755	(1,348)	3,307	7,099
12	Less: Interest expense	102.3	72	72	72	70	286
13	Provision for income taxes	103	618	717	(380)	866	1,821
14	Equity Return	102	1,694	1,966	(1,040)	2,371	4,992

(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

**ENBRIDGE PIPELINES (NW) INC.****Operating Expenses**

**Statement 101** is a schedule of estimated operating expenses for the 2021 operating year. The forecast incentive costs of \$23.6 million exclude intercompany charges of \$8.3 million.

**Enbridge Pipelines (NW) Inc.**

Operating Expenses Budget  
2021 Operating Year  
(\$000)

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Salaries and Wages	1,531
Employee Benefits	965
Other Employee Cost	284
Operating Fuel and Power	1,030
Materials and Supplies	208
Property Tax	2,512
Outside Service Purchased	13,089
Rent	3,714
Other Operating Expenses	284
<b>Gross Operating Expenses</b>	<b>23,618</b>

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**2021 Operating Year**

Operating Expenses  
(\$000)

Line No.	Particulars	2020 EFCOS	Inflation	2021 Budget
		Year Total	Forecast <sup>(2)</sup>	Year Total
(a)	(b)	(c)	(d)	(e)
	Incentive Costs			
1	Forecast Incentive Costs <sup>(1)</sup>	23,200	1.8%	23,618
2	Less: Capitalized Charges			-
3	Net Incentive Costs			23,618
4	Intercompany Charges			8,291
5	Total Operating Expenses			31,909

(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. August 2020 in accordance with Section 4.1.1 (a)(iii) of Schedule A of the Norman Wells Pipeline Agreement, as amended.

**ENBRIDGE PIPELINES (NW) INC.****Return on Rate Base**

**Statement 102** outlines the forecast return on rate base for 2021. 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 \$13.0 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 2021 estimated multi-pipeline rate of return of 6.27%, 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 0.85%. This rate is composed of Enbridge (NW)'s projection of 0.60% for the average one month's Banker's Acceptance Rate (BA) for 2021 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 2021 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.

**Enbridge Pipelines (NW) Inc.**  
**Summary of 2021 Estimated Return on Rate Base**  
**(\$000, unless otherwise indicated)**

Line No.	Description	Avg Balance	Capital Ratio	Cost Rate	Wtd Cost	Rate Base <sup>(1)</sup>	Return
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
					(d x e)		(f x g)
1	Equity	86,240	50.00%	6.27% <sup>(2)</sup>	3.13%	159,482	4,992
2	Long Term Debt	-	0.00%	0.00% <sup>(3)</sup>	0.00%	159,482	-
3	(Pre) Unfunded Debt	96,495	55.95%	0.85% <sup>(4)</sup>	0.48%	159,482	766
4	Future Income Taxes <sup>(5)</sup>	<u>(10,256)</u>	<u>-5.95%</u>	0.00%	<u>0.00%</u>	159,482	<u>-</u>
5	Total Capital Required <sup>(6)</sup>	<u>172,479</u>	<u>100.00%</u>		<u>3.61%</u>		<u>5,758</u>

**Notes:**<sup>(1)</sup> Statement 105 - Line 14<sup>(2)</sup> 2021 multi-pipeline rate of return on equity<sup>(3)</sup> Statement 102.2<sup>(4)</sup> Bankers' Acceptance Rate plus Margin of 25 basis points<sup>(5)</sup> Statement 103 - Line 32<sup>(6)</sup> Rate Base plus estimate for Average Construction Work in Progress:

Rate Base (Statement 105 - Line 14)

159,482

Average CWIP Balance (Statement 102.1 - Line 14)

12,997

Total Capital Required (Line 11 + Line 12)

172,479

**ENBRIDGE PIPELINES (NW) INC.**

2021 Estimated Construction Work in Progress (CWIP)  
 13-Point Average  
 (\$000)

<u>Line No.</u>	<u>Date</u>	<u>Monthly Expenditures</u>	<u>Month-end Clearances</u>	<u>Month-end Balance</u>
(a)	(b)	(c)	(d)	(e)
1	Jan-01		-	8,870
2	Jan-31	4,527	-	13,397
3	Feb-28	6,994	-	20,391
4	Mar-31	19,986	(26,342)	14,034
5	Apr-30	1,309	(1,309)	14,034
6	May-31	1,134	(1,134)	14,034
7	Jun-30	929	(929)	14,034
8	Jul-31	1,198	(1,198)	14,034
9	Aug-31	137	(137)	14,034
10	Sep-30	22	(22)	14,034
11	Oct-31	7	(7)	14,034
12	Nov-30	-	-	14,034
13	Dec-31	-	(14,034)	1
14	<b>13-point average</b>			<b><u>12,997</u></b>

**Enbridge Pipelines (NW) Inc.**

Weighted Average Cost of Debt  
2021 Operating Year

All long term debt was retired in 1999.

**Enbridge Pipelines (NW) Inc.**  
**Total Estimated Interest Expense**  
**2021 Operating Year**  
(\$000)

Line No.	Description				
1	<u>Deemed Interest Expense</u>				
2	Deemed Long Term Debt			-	
3	Unfunded Debt			766	
4	Total Deemed Interest Expense <sup>(1)</sup>			766	766
5	<u>Amortization of Discount &amp; Expense</u>				
		January 1	December 31	Amortization	
6	Unamortized Discount & Expense				
7	Series A	-	-	-	
8	Series B	-	-	-	
9	Series C	-	-	-	
10	Total Unamortized Discount & Expense	-	-	-	
11	<u>Amortization of 1996 Debt Redemption Premium and Costs <sup>(3)</sup></u>	Balance	Balance		
		January 1	December 31	Amortization	
12	Unamortized Discount & Expense				
13	Series A	105	95	11	
14	Series B	95	86	10	
15	Total	200	180	20	
16	<u>Amortization of 1999 Debt Redemption Premium and Costs <sup>(3)</sup></u>	Balance	Balance		
		January 1	December 31	Amortization	
17	Redemption Premium				
18	Series A - April 1	27	24	3	
19	Series B - November 15	15	14	2	
20	Total	42	38	5	
21	Total Unamortized Redemption Premium & Costs (Line 15 + Line 20)	243	218	25	25
22	Allowance for Interest During Construction <sup>(2)</sup>				(505)
23	Total Interest Expense (Line 4 + Line 10 + Line 21 + Line 22)				286

**Notes:**<sup>(1)</sup> Statement 102 - Line 3<sup>(2)</sup> Statement 103 - Line 24<sup>(3)</sup> Amortization has been extended due to the extension of the NW Agreement to Dec. 31, 2030

**ENBRIDGE PIPELINES (NW) INC.****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 2021. 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 2021 (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 2030<sup>1</sup>, 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 26.3%, which is based on current federal and provincial income tax rates in effect for 2021. The estimated 2021 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 26.3%.

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.

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

**ENBRIDGE PIPELINES (NW) INC.**  
 2021 Operating Year  
 Provision for Income Taxes and Future Income Tax Balances  
 (\$000)

Line No.	<u>Particulars</u>	
(a)	(b)	
1	PROVISION FOR INCOME TAXES	
2	Return Related to Equity (Statement 102 - Line 1)	4,992
3	Adjustments for Permanent Differences:	
4	Depreciation on AEDC	91
5	Depreciation on Land Rights (Statement 104 - Line 1)	12
6	Differential on Future Income Tax Between Current and Future Income Tax Rates	(4)
7	Meals & Entertainment (50%)	15
8	Income Tax Base	<u>5,106</u>
9	Provision for Income Taxes:	
10	2021 Statutory Corporate Income Tax rate (Statement 103.1 - Line 8)	26.3299%
11	Gross-up factor (current tax rate / (1 - current tax rate))	35.7403%
12	Provision for Income Taxes (Line 8 X 0.263299 / (1 - 0.263299))	1,825
13	Difference in FIT rate and current rate	(4)
14	<b>Total Provision for Income Taxes</b>	<u>1,821</u>
15	FUTURE INCOME TAX BALANCES	
16	Provision for Future Income Taxes	
17	Estimated Gross Depreciation (Statement 104 - Line 53)	16,714
18	Less: Depreciation on AEDC (Line 4)	(91)
19	Depreciation on Land Rights (Line 5)	<u>(12)</u>
20	Estimated Net Depreciation	16,611
21	Amortization of Shipper Underpayment	13
22	Capital Cost Allowance	(18,254)
23	Capitalized G&A Deduction	(3,593)
24	Allowance for Interest During Construction	(505)
25	Leak Accrual	-
26	Amortization of Debt Redemption Premiums and Costs (Statement 102.3 - Line 21)	<u>25</u>
27	Net Timing Differences	(5,702)
28	Current Tax Rate for Future Income Tax accumulation (Line 10)	<u>26.3299%</u>
29	<b>Provision for Future Income Taxes</b>	(1,501)
30	Opening Future Income Tax Balance	<u>11,006</u>
31	Closing Future Income Tax Balance (Line 29 + Line 30)	<u>9,505</u>
32	Average Future Tax Balance ((Line 30 + Line 31) / 2)	<u>10,256</u>
33	INCOME TAX PROVISION	
34	Provision for Income Taxes	1,821
35	Add: Provision for Future Income Taxes	<u>(1,501)</u>
36	Income Taxes Payable (Line 34 + Line 35)	<u>320</u>



**Enbridge Pipelines (NW) Inc.**  
**Determination of the Statutory Corporate Income Tax Rate**  
**2021 Operating Year**

Line No.	Particulars				Statutory Income Tax Rate
1	Federal tax provision				15.0000%
2	Provincial taxes	Rate	X Allocator <sup>(1)</sup>	Effective = Rate	
3	Alberta	9.00%	6.8045%	0.6124%	
4	Northwest Territories	11.50%	93.1955%	10.7175%	
5			<u>100.0000%</u>	<u>11.3299%</u>	
6					11.3299%
7	Federal Surtax				<u>0.0000%</u>
8	2021 Statutory Corporate Income Tax rate				<u><u>26.3299%</u></u>

<sup>(1)</sup> 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.

**ENBRIDGE PIPELINES (NW) INC.****Provision for Depreciation**

**Statement 104** details the calculation of depreciation expense through the asset account sub-classes. The depreciation rates are effective January 1, 2021 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 \$16.7 million.

Plant additions for 2021 are estimated to be \$45.1 million as provided below.

<b>Project Name</b>	<b>Estimated Plant Additions 2021 (\$000)</b>
Line 21 Little Smith Meander	31,078
2021 Norman Wells Digs	14,000
Other	34
<b>Total Estimated Plant Additions</b>	<b>45,112</b>

**ENBRIDGE PIPELINES (NW) INC.**
 Provision for Depreciation  
 2021 Operating Year  
 (\$000)

Line No.	Account Number	Plant Code	Depr. Rate	Plant Bal 1/2021	Additions			Retirements			Total Provision	
					Prov. on Opening Balance	Plant Additions	Number of Months	Prov. on Additions	Plant Retirements	Number of Months		Over Prov. on Retirements
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
<b>Account 30 - Transportation Plant</b>												
1	152-0	152000	0.76%	1,596	12	-	-	-	-	-	-	12
2	153-0	153000	0.53%	47,073	248	-	-	-	-	-	-	248
3	153-A	153A00	0.57%	1,284	7	-	-	-	-	-	-	7
4	153-B	153B00	0.34%	254,010	860	-	-	-	-	-	-	860
5	153-C	153C00	1.15%	1,576	18	-	-	-	-	-	-	18
6	153-C49	153C49	5.54%	8,230	456	-	-	-	-	-	-	456
7	153-D	153D00	1.50%	894	13	-	-	-	-	-	-	13
8	153-D49	153D49	2.65%	6,529	173	-	-	-	-	-	-	173
9	153-E	153E00	1.09%	2,258	25	-	-	-	-	-	-	25
10	153-E49	153E49	6.94%	189,323	10,475	45,112	9	2,667	-	-	-	13,142
11	156-B	156B00	0.42%	13,553	57	-	-	-	-	-	-	57
12	156-C	156C00	0.96%	4,018	39	-	-	-	-	-	-	39
13	156-D	156D00	1.15%	1,410	16	-	-	-	-	-	-	16
14	156-E	156E00	0.83%	754	6	-	-	-	-	-	-	6
15	156-H	156H00	0.83%	405	3	-	-	-	-	-	-	3
16	156-H06	156H06	4.61%	587	27	-	-	-	-	-	-	27
17	158-A	158A00	0.45%	7,280	32	-	-	-	-	-	-	32
18	158-A07	158A07	2.24%	5,516	124	-	-	-	-	-	-	124
19	159-A	159A00	0.54%	3,348	18	-	-	-	-	-	-	18
20	159-B	159B00	0.94%	49	-	-	-	-	-	-	-	-
21	159-B	159B07	2.38%	45	1	-	-	-	-	-	-	1
22	159-C	159C00	1.28%	250	3	-	-	-	-	-	-	3
23	159-C07	159C07	4.26%	3,870	165	-	-	-	-	-	-	165
24	160-A	160A00	0.99%	258	3	-	-	-	-	-	-	3
25	160-C	160C00	2.38%	40,999	975	-	-	-	-	-	-	975
26	160-C45	160C45	1.42%	984	14	-	-	-	-	-	-	14
27	160-C65(2)	160C65	0.00%	-	-	-	-	-	-	-	-	-
28	160-D	160D00	3.07%	1,147	35	-	-	-	-	-	-	35
29	160-E	160E00	1.64%	463	8	-	-	-	-	-	-	8
30	163-A	163A00	1.51%	1,450	22	-	-	-	-	-	-	22
31	184-A	184A00	1.01%	240	2	-	-	-	-	-	-	2
32	184-B(2)	184B00	0.00%	-	-	-	-	-	-	-	-	-
33	184-C(2)	184C00	0.05%	9	-	-	-	-	-	-	-	-
34	184-C45	184C45	8.09%	12	1	-	-	-	-	-	-	1
35	184-C52	184C52	4.50%	6	-	-	-	-	-	-	-	-
36	184-C55	184C55	2.24%	27	1	-	-	-	-	-	-	1
37	184-D(2)	184D00	0.00%	-	-	-	-	-	-	-	-	-
38	184-D	184D09	1.25%	36	-	-	-	-	-	-	-	-
39	185-A(2)	185A00	0.00%	-	-	-	-	-	-	-	-	-
40	185-D	185D00	0.16%	3,841	6	-	-	-	-	-	-	6
41	185-E	185E00	0.05%	52	-	-	-	-	-	-	-	-
42	185-F	185F00	1.67%	1,585	26	-	-	-	-	-	-	26
43	185-G	185G00	2.25%	2,160	48	-	-	-	-	-	-	48
44	185-I	185I00	0.05%	664	-	-	-	-	-	-	-	-
45	185-J	185J00	75.23%	-	-	-	-	-	-	-	-	-
46	185-S	185S00	0.89%	1,595	14	-	-	-	-	-	-	14
47	186-0(2)	186000	0.00%	-	-	-	-	-	-	-	-	-
48	186-A	186A00	0.05%	51	-	-	-	-	-	-	-	-
49	186-A01(2)	186A01	0.00%	-	-	-	-	-	-	-	-	-
50	186-B45	186B45	0.80%	19	-	-	-	-	-	-	-	-
51	186-B55	186B55	4.13%	2,752	114	-	-	-	-	-	-	114
52	190-0(2)	190000	0.05%	-	-	-	-	-	-	-	-	-
53	Total <sup>(1)(2)</sup>			612,209	14,048	45,112		2,667	-		-	16,714
54	Land			136								
55	Total			612,345								

<sup>(1)</sup> Excludes cost of Land<sup>(2)</sup> Original assets have been fully depreciated, therefore, depreciation is on new additions.

**ENBRIDGE PIPELINES (NW) INC.**

Comparison of Depreciation Rate Changes  
2021 Operating Year  
(\$000)

Line No.	Account Number	Plant Code	Prior Depreciation Rate	Depreciation At Prior Rates	New Depreciation Rate	Depreciation for 2021
(a)	(b)	(c)	(d)	(e)	(f)	(g)
<u>Account 30 - Transportation Plant</u>						
1	152-0	152000	0.65%	10	0.76%	12
2	153-0	153000	0.42%	198	0.53%	248
3	153-A	153A00	0.46%	6	0.57%	7
4	153-B	153B00	0.28%	711	0.34%	860
5	153-C	153C00	1.05%	17	1.15%	18
6	153-C49	153C49	5.62%	463	5.54%	456
7	153-D	153D00	1.40%	13	1.50%	13
8	153-D49	153D49	2.56%	167	2.65%	173
9	153-E	153E00	0.99%	22	1.09%	25
10	153-E49	153E49	5.52%	12,217	6.94%	13,142
11	156-B	156B00	0.31%	42	0.42%	57
12	156-C	156C00	0.86%	35	0.96%	39
13	156-D	156D00	1.05%	15	1.15%	16
14	156-E	156E00	0.73%	6	0.83%	6
15	156-H	156H00	0.73%	3	0.83%	3
16	156-H06	156H06	4.55%	27	4.61%	27
17	158-A	158A00	0.34%	25	0.45%	32
18	158-A07	158A07	11.25%	621	2.24%	124
19	159-A	159A00	0.43%	14	0.54%	18
20	159-B	159B00	3.12%	2	0.94%	-
21	159-B	159B07	3.12%	1	2.38%	1
22	159-C	159C00	1.18%	3	1.28%	3
23	159-C07	159C07	4.20%	163	4.26%	165
24	160-A	160A00	0.89%	2	0.99%	3
25	160-C	160C00	2.28%	935	2.38%	975
26	160-C45	160C45	1.32%	13	1.42%	14
27	160-C65	160C65	0.00%	-	0.00%	-
28	160-D	160D00	2.99%	34	3.07%	35
29	160-E	160E00	1.55%	7	1.64%	8
30	163-A	163A00	2.67%	39	1.51%	22
31	184-A	184A00	0.91%	2	1.01%	2
32	184-B	184B00	0.00%	-	0.00%	-
33	184-C	184C00	0.00%	-	0.05%	-
34	184-C45	184C45	8.07%	1	8.09%	1
35	184-C52	184C52	4.44%	-	4.50%	-
36	184-C55	184C55	2.15%	1	2.24%	1
37	184-D	184D00	1.15%	-	0.00%	-
38	184-D	184D09	1.15%	-	1.25%	-
39	185-A	185A00	0.00%	-	0.00%	-
40	185-D	185D00	0.05%	2	0.16%	6
41	185-E	185E00	0.00%	-	0.05%	-
42	185-F	185F00	1.53%	24	1.67%	26
43	185-G	185G00	2.16%	47	2.25%	48
44	185-I	185I00	0.00%	-	0.05%	-
45	185-J	185J00	75.94%	-	75.23%	-
46	185-S	185S00	0.78%	12	0.89%	14
47	186-0	186000	0.00%	-	0.00%	-
48	186-A	186A00	0.00%	-	0.05%	-
49	186-A01	186A01	0.00%	-	0.00%	-
50	186-B45	186B45	0.69%	-	0.80%	-
51	186-B55	186B55	4.06%	112	4.13%	114
52	190-0	190000	0.00%	-	0.05%	-
53	Total			16,009		16,714

**ENBRIDGE PIPELINES (NW) INC.**

**Rate Base**

The Enbridge (NW) pipeline system rate base, itemized in **Statement 105**, is forecast to be \$159.5 million for the 2021 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**  
**2021 Operating Year**  
(\$000)

Line No.	Particulars	January 1	December 31	Average
(a)	(b)	(c)	(d)	(e) = [(c) + (d)]/2
1	Net Book Value			
2	Transportation Plant in Service <sup>(1)</sup>	612,345	657,457	634,901
3	Less: Accumulated Depreciation <sup>(2)</sup>	(471,763)	(488,475)	(480,119)
4	NBV Balance (Line 2 + Line 3)	140,582	168,982	154,782
5	<u>Other Rate Base Items</u>			
6	Equity Portion of Unamort. Shipper Underpayment	127	115	121
7	Inventory	1,689	1,689	1,689
8	Unamortized Debt Redemption Costs <sup>(3)</sup>	243	218	231
9	Unamortized Debt Issuance Costs	-	-	-
10	Total Other Rate Base Items	2,059	2,022	2,041
11	Working Capital Allowance			
12	Operating Expenses <sup>(4)</sup>	31,909		
13	(1/12 x Line 12)			2,659
14	Total Rate Base (Line 4 + Line 10 + Line 13)			159,482

**Notes:**

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

**ENBRIDGE PIPELINES (NW) INC.**

Transportation Plant  
2021 Operating Year  
(\$000)

Line No.	Account Number	Plant Code	Balance Beginning of Period	Additions	Transfers	Retirements	Balance End of Period <sup>(1)</sup>
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	151-0	151000	136	-	-	-	136
2	152-0	152000	1,596	-	-	-	1,596
3	153-0	153000	47,073	-	-	-	47,073
4	153-A	153A00	1,284	-	-	-	1,284
5	153-B	153B00	254,010	-	-	-	254,010
6	153-C	153C00	1,576	-	-	-	1,576
7	153-C49	153C49	8,230	-	-	-	8,230
8	153-D	153D00	894	-	-	-	894
9	153-D49	153D49	6,529	-	-	-	6,529
10	153-E	153E00	2,258	-	-	-	2,258
11	153-E49	153E49	189,323	45,112	-	-	234,435
12	156-B	156B00	13,553	-	-	-	13,553
13	156-C	156C00	4,018	-	-	-	4,018
14	156-D	156D00	1,410	-	-	-	1,410
15	156-E	156E00	754	-	-	-	754
16	156-H	156H00	405	-	-	-	405
17	156-H06	156H06	587	-	-	-	587
18	158-A	158A00	7,280	-	-	-	7,280
19	158-A07	158A07	5,516	-	-	-	5,516
20	159-A	159A00	3,348	-	-	-	3,348
21	159-B	159B00	49	-	-	-	49
22	159-B	159B07	45	-	-	-	45
23	159-C	159C00	250	-	-	-	250
24	159-C07	159C07	3,870	-	-	-	3,870
25	160-A	160A00	258	-	-	-	258
26	160-C	160C00	40,999	-	-	-	40,999
27	160-C45	160C45	984	-	-	-	984
28	160-C65	160C65	-	-	-	-	-
29	160-D	160D00	1,147	-	-	-	1,147
30	160-E	160E00	463	-	-	-	463
31	163-A	163A00	1,450	-	-	-	1,450
32	184-A	184A00	240	-	-	-	240
33	184-B	184B00	-	-	-	-	-
34	184-C	184C00	9	-	-	-	9
35	184-C45	184C45	12	-	-	-	12
36	184-C52	184C52	6	-	-	-	6
37	184-C55	184C55	27	-	-	-	27
38	184-D00	184D00	-	-	-	-	-
39	184-D09	184D09	36	-	-	-	36
40	185-A	185A00	-	-	-	-	-
41	185-D	185D00	3,841	-	-	-	3,841
42	185-E	185E00	52	-	-	-	52
43	185-F	185F00	1,585	-	-	-	1,585
44	185-G	185G00	2,160	-	-	-	2,160
45	185-I	185I00	664	-	-	-	664
46	185-J	185J00	-	-	-	-	-
47	185-S	185S00	1,595	-	-	-	1,595
48	186-0	186000	-	-	-	-	-
49	186-A	186A00	51	-	-	-	51
50	186-A01	186A01	-	-	-	-	-
51	186-B45	186B45	19	-	-	-	19
52	186-B55	186B55	2,752	-	-	-	2,752
53	190-0	190000	-	-	-	-	-
54	Total		612,345	45,112	-	-	657,457
55	Average Transportation Plant in Service (Line 55: [Col (d) + Col (h)] ÷ 2 )			634,901			

<sup>(1)</sup> Assumes asset fully depreciated by Dec. 31, 2030

**ENBRIDGE PIPELINES (NW) INC.**

Transportation Plant - Accumulated Depreciation  
2021 Operating Year  
(\$000)

Line No.	Account Number	Plant Code	Balance Beginning of Period	Additions	Transfers	Retirements	Balance End of Period <sup>(1)</sup>
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	151-0	151000	-	-	-	-	-
2	152-0	152000	1,475	12	-	-	1,487
3	153-0	153000	44,591	248	-	-	44,839
4	153-A	153A00	1,211	7	-	-	1,219
5	153-B	153B00	245,414	860	-	-	246,274
6	153-C	153C00	1,395	18	-	-	1,413
7	153-C49	153C49	3,673	456	-	-	4,128
8	153-D	153D00	760	13	-	-	773
9	153-D49	153D49	4,801	173	-	-	4,974
10	153-E	153E00	2,012	25	-	-	2,036
11	153-E49	153E49	84,570	13,142	-	-	97,711
12	156-B	156B00	12,986	57	-	-	13,043
13	156-C	156C00	3,633	39	-	-	3,671
14	156-D	156D00	1,248	16	-	-	1,264
15	156-E	156E00	691	6	-	-	697
16	156-H	156H00	371	3	-	-	374
17	156-H06	156H06	317	27	-	-	344
18	158-A	158A00	6,956	32	-	-	6,988
19	158-A07	158A07	4,279	124	-	-	4,403
20	159-A	159A00	3,167	18	-	-	3,186
21	159-B	159B00	44	-	-	-	44
22	159-B	159B07	34	1	-	-	35
23	159-C	159C00	218	3	-	-	221
24	159-C07	159C07	2,220	165	-	-	2,385
25	160-A	160A00	232	3	-	-	235
26	160-C	160C00	31,253	975	-	-	32,228
27	160-C45	160C45	844	14	-	-	858
28	160-C65	160C65	-	-	-	-	-
29	160-D	160D00	795	35	-	-	830
30	160-E	160E00	387	8	-	-	395
31	163-A	163A00	1,231	22	-	-	1,253
32	184-A	184A00	216	2	-	-	219
33	184-B	184B00	-	-	-	-	-
34	184-C	184C00	9	-	-	-	9
35	184-C45	184C45	2	1	-	-	3
36	184-C52	184C52	4	-	-	-	4
37	184-C55	184C55	21	1	-	-	21
38	184-D	184D00	-	-	-	-	-
39	184-D	184D09	31	-	-	-	31
40	185-A	185A00	0	-	-	-	-
41	185-D	185D00	3,780	6	-	-	3,786
42	185-E	185E00	52	-	-	-	52
43	185-F	185F00	1,321	26	-	-	1,347
44	185-G	185G00	1,675	48	-	-	1,723
45	185-I	185I00	661	-	-	-	661
46	185-J	185J00	47	-	-	-	47
47	185-S	185S00	1,453	14	-	-	1,467
48	186-0	186000	-	-	-	-	-
49	186-A	186A00	51	-	-	-	51
50	186-A01	186A01	-	-	-	-	-
51	186-B45	186B45	17	-	-	-	17
52	186-B55	186B55	1,616	114	-	-	1,729
53	190-0	190000	-	-	-	-	-
54	Total		471,763	16,714	-	-	488,475
55	Average Accumulated Depreciation (Line 55: [Col (d) + Col (h)] ÷ 2 )					480,119	

<sup>(1)</sup> Assumes asset fully depreciated by Dec. 31, 2030



**ENBRIDGE PIPELINES (NW) INC.****2021 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.

	<b><u>Cubic Metres</u></b>
<b><i>Norman Wells to Zama</i></b>	
Imperial Oil Resources	435,220
Total Injections at NW, NWT	<u>435,220</u>
<b><i>km Post 839.2 to Zama</i></b>	
Alberta Petroleum Marketing Commission	365
Tidal Energy Marketing	29,200
Total Injections at KP839.2	<u>29,565</u>
Total Deliveries to Zama	<u>464,785</u>

**Statement 106.1** provides the details of the 2021 estimated deliveries by quarter.

The calculation of the 2021 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, CER No. 50, revises the existing tariff, CER No. 49. The changes relate to transportation tolls only and not to abandonment surcharges.

## Enbridge Pipelines (NW) Inc.

Determination of Provisional Tolls  
2021 Operating Year

Line No.	Particulars	Norman Wells to Zama	KP 839.2 to Zama	Total
(a)	(b)	(c)	(d)	(e)
1	Estimated total deliveries (m <sup>3</sup> ) <sup>(1)</sup>	435,220	29,565	464,785
2	Distance Shipped (km)	868	29	
3	Volume x Distance (000 m <sup>3</sup> km)	377,771	857	378,628
4	Estimated Full Cost of Service (\$000) <sup>(2)</sup>			\$ 55,735
5	Unit Transportation Rate (\$/m <sup>3</sup> km)			\$ 0.147203
6	<b>Provisional Tolls (\$/m<sup>3</sup>)</b>	<b>\$ 127.77</b>	<b>\$ 4.27</b>	

**Notes:**<sup>(1)</sup> Statement 106.1 - Line 9<sup>(2)</sup> Statement 100 - Line 2

**Enbridge Pipelines (NW) Inc.**Deliveries by Quarter  
2021 Operating Year

Line No. (a)	Particulars (b)	1st Quarter (c)	2nd Quarter (d)	3rd Quarter (e)	4th Quarter (f)	Total Year (g)
1	Average daily deliveries (m <sup>3</sup> /day)					
2	Norman Wells to Zama	1,262	1,280	917	1,313	1,192
3	km Post 839.2 to Zama	81	81	81	81	81
4	Total	1,343	1,361	998	1,394	1,273
5	Number of Days in Period	90	91	92	92	365
6	Estimated total deliveries (m <sup>3</sup> )					
7	Norman Wells to Zama	113,580	116,480	84,364	120,796	435,220
8	km Post 839.2 to Zama	7,290	7,371	7,452	7,452	29,565
9	Total	120,870	123,851	91,816	128,248	464,785

**ENBRIDGE PIPELINES (NW) INC.**

Minimum Bill for Imperial Oil Resources  
2021 Operating Year  
(\$000)

<u>Line</u> <u>No.</u>	<u>Particulars</u>	<u>2021</u> <u>Year</u> <u>Total</u>
1	Operating expenses <sup>(1)</sup>	31,909
2	Depreciation <sup>(2) (3)</sup>	9,650
3	Income taxes payable <sup>(4)</sup>	320
4	Cost of Debt <sup>(5)</sup>	<u>286</u>
5	Total Minimum Bill	<u>42,165</u>
6	Monthly Minimum Bill (Line 5/12)	<u>3,514</u>

Notes:

<sup>(1)</sup> Statement 101 - Line 5

<sup>(2)</sup> Statement 102 - Line 3 Average balance for Unfunded Debt \$96,495

<sup>(3)</sup> As there is no Original Debt outstanding in 2021, 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, 2021 to December 31, 2030 as per Schedule C, Section 3.4(C) of the Norman Wells Pipeline Agreement, as amended.

<sup>(4)</sup> Statement 103 - Line 36

<sup>(5)</sup> Statement 102.3 - Line 22