



ENBRIDGE PIPELINES INC.

IN CONNECTION WITH

ENBRIDGE ENERGY, LIMITED PARTNERSHIP INTERNATIONAL JOINT RATE TARIFF

APPLYING ON

CRUDE PETROLEUM, CONDENSATES AND NATURAL GAS LIQUIDS

FROM

POINTS IN THE PROVINCES OF ALBERTA, SASKATCHEWAN, AND MANITOBA,

TO

**POINTS IN THE PROVINCE OF ONTARIO AND POINTS IN THE STATES OF ILLINOIS, INDIANA,
MICHIGAN, MINNESOTA, AND WISCONSIN**

USING JOINT ROUTING AS DEPICTED ON PAGE 7 OF THIS TARIFF

The transportation rates listed in this tariff are subject to the Rules and Regulations published by:

Enbridge Pipelines Inc., Canada Energy Regulator (CER) Tariff Nos. 497, 498, and 499 and reissues thereof, on file with the CER, for transportation within Canada.

Enbridge Energy, Limited Partnership FERC Tariff Nos. 41.18.0 and 42.5.0, and reissues thereof, for transportation within the United States.

The rates listed in this tariff are payable in Canadian and United States currency and are applicable on the international movement of Crude Petroleum, Condensates and Natural Gas Liquids tendered to Enbridge Pipelines Inc. at established receiving points in Canada for delivery to established receiving points in Canada for delivery to established delivery points in the United States and Canada.

Filed in compliance with 18 CFR 341.3 (Form of Tariff).

The provisions published herein will, if effective, not result in an effect on the quality of the human environment.

ISSUED: November 26, 2024

EFFECTIVE: January 1, 2025

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TRANSPORTATION RATES

Commodities shall be classified on the basis of the density and viscosity of such commodities at the time of receipt by Enbridge Pipelines Inc. and assessed a transportation rate as listed in the transportation rate tables below. Density shall be based on 15°C. Viscosity shall be based on Enbridge Pipelines Inc.'s reference line temperature at the time of receipt. Where the density of a commodity falls within the density range of one commodity classification and the viscosity of the commodity falls within the viscosity range of another commodity classification, then the commodity shall be deemed to be in the commodity classification with the higher transportation rate.

NATURAL GAS LIQUIDS (NGL) - A commodity having a maximum absolute vapor pressure of 1,250 kilopascals at 37.8°C and a density of up to but not including 600 kilograms per cubic meter (kg/m^3) and a viscosity of up to but not including 0.4 square millimeters per second (mm^2/s) will be classified as **Natural Gas Liquids**.

CONDENSATES (CND) – A commodity having a density from 600 kg/m^3 up to but not including 800 kg/m^3 and a viscosity of 0.4 mm^2/s up to but not including 2 mm^2/s will be classified as **Condensates**.

LIGHT CRUDE PETROLEUM (LIGHT) - A commodity having a density from 800 kg/m^3 up to but not including 876 kg/m^3 and a viscosity from 2 mm^2/s up to but not including 20 mm^2/s will be classified as **Light Crude Petroleum**.

MEDIUM CRUDE PETROLEUM (MEDIUM) - A commodity having a density from 876 kg/m^3 up to but not including 904 kg/m^3 and a viscosity from 20 mm^2/s up to but not including 100 mm^2/s will be classified as **Medium Crude Petroleum**.

HEAVY CRUDE PETROLEUM (HEAVY) - A commodity having a density from 904 kg/m^3 to 940 kg/m^3 inclusive and a viscosity from 100 mm^2/s up to and including 350 mm^2/s will be classified as **Heavy Crude Petroleum**.

The following tables provide rates including Canadian Dollar and US Dollar Base Tolls, as well as the LMCI Surcharges, the Non-Performance Penalty, and the Line 3 Replacement Surcharges. For further information on the applicable tankage charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. **[W] 560 550**, Enbridge Pipelines Inc.'s CER RT Tariff No. **[W] 24-2 24-1**, and Enbridge Energy, Limited Partnership's FERC Tariff No. **[W] 43.51.0 43.50.0**. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. **[W] 560 550**, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.18.0.

**INTERNATIONAL JOINT TRANSPORTATION RATES FOR ENBRIDGE PIPELINES INC.
AND ENBRIDGE ENERGY, LIMITED PARTNERSHIP**

[D] All rates on this page have decreased unless otherwise noted.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US AND CANADIAN DOLLARS PER CUBIC METER							
From	To	Rate					
		NGL		CND		LIGHT	
		Canadian Dollar Component	[U] US Dollar Component	Canadian Dollar Component	[U] US Dollar Component	Canadian Dollar Component	[U] US Dollar Component
Edmonton Terminal, Alberta	Clearbrook, Minnesota			9.2912	5.5344	9.9864	5.7132
	Superior, Wisconsin	9.1174	8.9956	9.2912	9.1030	9.9864	9.5324
	Lockport, Illinois			9.2912	17.9019	9.9864	18.9494
	Mokena, Illinois			9.2912	17.9019	9.9864	18.9494
	Flanagan, Illinois			9.2912	17.9019	9.9864	18.9494
	Griffith, Indiana			9.2912	17.9019	9.9864	18.9494
	Stockbridge, Michigan			9.2912	21.1307	9.9864	22.4048
	Rapid River, Michigan	9.1174	13.8001				
	Marysville, Michigan			9.2912	21.1307	9.9864	22.4048
	Corunna or Sarnia Terminal, Ontario	9.7367	20.5100	9.9120	20.8284	10.6139	22.1025
	Westover, Ontario			11.1996	21.2056	12.0103	22.4797
	Nanticoke, Ontario			11.6881	21.3487	12.5401	22.6228
Hardisty Terminal, Alberta	Clearbrook, Minnesota					8.7334	5.3747
	Superior, Wisconsin					8.7334	9.1939
	Lockport, Illinois					8.7334	18.6110
	Mokena, Illinois					8.7334	18.6110
	Flanagan, Illinois					8.7334	18.6110
	Griffith, Indiana					8.7334	18.6110
	Stockbridge, Michigan					8.7334	22.0663
	Rapid River, Michigan						
	Marysville, Michigan					8.7334	22.0663
	Corunna or Sarnia Terminal, Ontario					9.3608	21.7641
	Westover, Ontario					10.7571	22.1412
	Nanticoke, Ontario					11.2869	22.2843

[D] All rates on this page have decreased unless otherwise noted.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US AND CANADIAN DOLLARS PER CUBIC METER					
From	To	Rate			
		MEDIUM		HEAVY	
		Canadian Dollar Component	[U] US Dollar Component	Canadian Dollar Component	[U] US Dollar Component
Edmonton Terminal, Alberta	Clearbrook, Minnesota	10.6814	5.8923	11.8979	6.2053
	Superior, Wisconsin	10.6814	9.9620	11.8979	10.7137
	Lockport, Illinois	10.6814	19.9968	11.8979	21.8296
	Mokena, Illinois	10.6814	19.9968	11.8979	21.8296
	Flanagan, Illinois	10.6814	19.9968	11.8979	21.8296
	Griffith, Indiana	10.6814	19.9968	11.8979	21.8296
	Stockbridge, Michigan	10.6814	23.6790	11.8979	25.9087
	Rapid River, Michigan				
	Marysville, Michigan	10.6814	23.6790	11.8979	25.9087
	Corunna or Sarnia Terminal, Ontario	11.3158	23.3767	12.5439	25.6064
	Westover, Ontario	12.8209	23.7539	14.2396	25.9836
	Nanticoke, Ontario	13.3921	23.8970	14.8831	26.1267
Hardisty Terminal, Alberta	Clearbrook, Minnesota	9.3308	5.5538	10.3762	5.8668
	Superior, Wisconsin	9.3308	9.6235	10.3762	10.3752
	Lockport, Illinois	9.3308	19.6584	10.3762	21.4912
	Mokena, Illinois	9.3308	19.6584	10.3762	21.4912
	Flanagan, Illinois	9.3308	19.6584	10.3762	21.4912
	Griffith, Indiana	9.3308	19.6584	10.3762	21.4912
	Stockbridge, Michigan	9.3308	23.3405	10.3762	25.5702
	Rapid River, Michigan				
	Marysville, Michigan	9.3308	23.3405	10.3762	25.5702
	Corunna or Sarnia Terminal, Ontario	9.9649	23.0383	11.0222	25.2680
	Westover, Ontario	11.4701	23.4154	12.7178	25.6451
	Nanticoke, Ontario	12.0414	23.5585	13.3615	25.7882

[D] All rates on this page have decreased unless otherwise noted.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US AND CANADIAN DOLLARS PER CUBIC METER							
From	To	Rate					
		NGL		CND		LIGHT	
		Canadian Dollar Component	[U] US Dollar Component	Canadian Dollar Component	[U] US Dollar Component	Canadian Dollar Component	[U] US Dollar Component
Kerrobot Station, Saskatchewan	Clearbrook, Minnesota					7.4732	4.7827
	Superior, Wisconsin	6.8491	8.0651			7.4732	8.6019
	Lockport, Illinois					7.4732	18.0189
	Mokena, Illinois					7.4732	18.0189
	Flanagan, Illinois					7.4732	18.0189
	Griffith, Indiana					7.4732	18.0189
	Stockbridge, Michigan					7.4732	21.4743
	Rapid River, Michigan	6.8491	12.8696				
	Marysville, Michigan					7.4732	21.4743
	Corunna or Sarnia Terminal, Ontario	7.4684	19.5795			8.1006	21.1720
	Westover, Ontario					9.4968	21.5492
	Nanticoke, Ontario					10.0266	21.6923
Regina Terminal, Saskatchewan	Clearbrook, Minnesota					4.9454	4.0999
	Superior, Wisconsin					4.9454	7.9191
	Lockport, Illinois					4.9454	17.3362
	Mokena, Illinois					4.9454	17.3362
	Flanagan, Illinois					4.9454	17.3362
	Griffith, Indiana					4.9454	17.3362
	Stockbridge, Michigan					4.9454	20.7916
	Rapid River, Michigan						
	Marysville, Michigan					4.9454	20.7916
	Corunna or Sarnia Terminal, Ontario					5.5731	20.4893
	Westover, Ontario					6.9694	20.8665
	Nanticoke, Ontario					7.4992	21.0096
Cromer Terminal, Manitoba	Clearbrook, Minnesota					3.1196	3.6067
	Superior, Wisconsin	2.9199	6.8891			3.1196	7.4259
	Lockport, Illinois					3.1196	16.8430
	Mokena, Illinois					3.1196	16.8430
	Flanagan, Illinois					3.1196	16.8430
	Griffith, Indiana					3.1196	16.8430
	Stockbridge, Michigan					3.1196	20.2984
	Rapid River, Michigan	2.9199	11.6937				
	Marysville, Michigan					3.1196	20.2984
	Corunna or Sarnia Terminal, Ontario	3.5391	18.4035			3.7472	19.9960
	Westover, Ontario					5.1434	20.3733
	Nanticoke, Ontario					5.6733	20.5164

[D] All rates on this page have decreased unless otherwise noted.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US AND CANADIAN DOLLARS PER CUBIC METER					
From	To	Rate			
		MEDIUM		HEAVY	
		Canadian Dollar Component	[U] US Dollar Component	Canadian Dollar Component	[U] US Dollar Component
Kerrobot Station, Saskatchewan	Clearbrook, Minnesota			8.8458	5.2748
	Superior, Wisconsin			8.8458	9.7832
	Lockport, Illinois			8.8458	20.8991
	Mokena, Illinois			8.8458	20.8991
	Flanagan, Illinois			8.8458	20.8991
	Griffith, Indiana			8.8458	20.8991
	Stockbridge, Michigan			8.8458	24.9782
	Rapid River, Michigan				
	Marysville, Michigan			8.8458	24.9782
	Corunna or Sarnia Terminal, Ontario			9.4918	24.6759
	Westover, Ontario			11.1873	25.0531
	Nanticoke, Ontario			11.8307	25.1962
Regina Terminal, Saskatchewan	Clearbrook, Minnesota			5.7762	4.5920
	Superior, Wisconsin			5.7762	9.1004
	Lockport, Illinois			5.7762	20.2164
	Mokena, Illinois			5.7762	20.2164
	Flanagan, Illinois			5.7762	20.2164
	Griffith, Indiana			5.7762	20.2164
	Stockbridge, Michigan			5.7762	24.2955
	Rapid River, Michigan				
	Marysville, Michigan			5.7762	24.2955
	Corunna or Sarnia Terminal, Ontario			6.4221	23.9932
	Westover, Ontario			8.1179	24.3704
	Nanticoke, Ontario			8.7613	24.5135
Cromer Terminal, Manitoba	Clearbrook, Minnesota	3.2793	3.7858	3.5587	4.0988
	Superior, Wisconsin	3.2793	7.8555	3.5587	8.6072
	Lockport, Illinois	3.2793	17.8904	3.5587	19.7232
	Mokena, Illinois	3.2793	17.8904	3.5587	19.7232
	Flanagan, Illinois	3.2793	17.8904	3.5587	19.7232
	Griffith, Indiana	3.2793	17.8904	3.5587	19.7232
	Stockbridge, Michigan	3.2793	21.5726	3.5587	23.8023
	Rapid River, Michigan				
	Marysville, Michigan	3.2793	21.5726	3.5587	23.8023
	Corunna or Sarnia Terminal, Ontario	3.9134	21.2702	4.2046	23.4999
	Westover, Ontario	5.4186	21.6475	5.9003	23.8772
	Nanticoke, Ontario	5.9897	21.7906	6.5438	24.0203

Notes

- a) The Canadian Dollar component of the transportation rates are invoiced in Canadian currency and the US Dollar component of the transportation rates are invoiced in US currency.
- b) **LMCI Surcharge:** The Canadian Dollar component of the transportation rates include LMCI Surcharges for transmission and terminalling pursuant to National Energy Board Decision MH-001-2013 and Order MO-030-2014 **[N]** and CER Five-Year Review of Abandonment Cost Estimates and Set-Aside and Collection Mechanisms 2021 Decisions and Direction (C29751-1) for movements of all commodities. All movements to the United States incur a receipt terminalling LMCI Surcharge. Movements to Corunna or Sarnia Terminal, Ontario and Nanticoke, Ontario incur both a receipt and delivery terminalling LMCI Surcharge.
- c) **Non-Performance Penalty:** The Canadian Dollar component of the transportation tolls for all commodity movements include a surcredit for refund of collections under the Non-Performance Penalty, which is adjusted for distance only.
- d) **Line 3 Replacement (L3R) Surcharges:** Pursuant to CER Toll Order TO-03-2021, the US Dollar component of the transportation rates for all movements include a transmission surcharge, which is adjusted for distance only, and a receipt terminalling rate for all movements from Edmonton or Hardisty, Alberta. The L3R Surcharges include, if applicable, an ex-Gretna volume related transmission rate adjustments in accordance with Final IRS # 2013-02-A and Final IRS #2013-02-B. The US Dollar component of the transportation rates includes both the Canadian and US components of the L3R Surcharges.
- e) **Interim IJT Sur-Credit:** Pursuant to CER Toll Order TO-002-2024, the Canadian Dollar Component of the transportation rates for all movements include a surcharge to refund an amount collected during the MTS interim refund period, which is adjusted for Canadian distance and commodity.
- f) **Minnesota Abandonment Surcharge:** The US Dollar component of the transportation rates include a surcharge for movements of all commodities, which is adjusted for US distance only, pursuant to the Minnesota Public Utilities Commission Order issued in Docket No. PL-9/CN-21-823.

JOINT ROUTING

Receipt Points in the provinces of Alberta, Saskatchewan, and Manitoba to delivery points in the province of Ontario and the states of Illinois, Indiana, Michigan, Minnesota and Wisconsin.

Enbridge Pipelines Inc. – Edmonton or Hardisty, Alberta; Kerrobert or Regina, Saskatchewan; or Cromer, Manitoba to the International Border near Gretna, Manitoba, connecting to;

Enbridge Energy, Limited Partnership – International Border near Neche, North Dakota to Clearbrook, Minnesota; Superior, Wisconsin; Flanagan, Lockport or Mokena, Illinois; Griffith, Indiana; Stockbridge or Rapid River, Michigan; or Marysville, Michigan, connecting to;

Enbridge Pipelines Inc. – International Border near Sarnia, Ontario to Corunna or Sarnia Terminal, Ontario or Westover, Ontario or Nanticoke, Ontario

EXCEPTIONS

For exceptions to Enbridge Pipelines Inc., Rules and Regulations and Enbridge Energy, Limited Partnership, Rules and Regulations, see the following:

- a) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. 41.18.0 Item 9 (h) and FERC No. 42.5.0 Item 10 (i).** For the purposes of this international joint tariff, Enbridge Pipelines Inc. shall collect in kind a percentage, in the amount of 1/10th of 1 percent of all hydrocarbons physically delivered at the designated Regular Delivery Point.
- b) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. 41.18.0 Item 7 (a) and FERC No. 42.5.0 Item 8 (c).** For the purposes of this international joint tariff, Enbridge Pipelines Inc. shall charge a shipper the rate for the transportation of Crude Petroleum that is in effect on the date of delivery at the designated Regular Delivery Point for such Crude Petroleum.

SYMBOLS:

[D] – Decrease

[N] – New

[U] – Unchanged rate

[W] – Change in wording only

IJT Joint Rate versus Combination of Local Rates
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates
CER Tariff No. 560 + FERC Tariff No. 43.51.0 versus CER No. 561/FERC No. 45.39.0
Effective: January 1, 2025

Natural Gas Liquids (NGL)									
Line No.	From	To	Canadian Local Toll per CER No. 560 ^{1,2}	US Local Rate per FERC No. 43.51.0	Total of Local Rates	CAD IJT Component per CER No. 561/ FERC No. 45.39.0 ³	USD IJT Component per CER No. 561/ FERC No. 45.39.0	Total IJT per CER No. 561/ FERC No. 45.39.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
			(d)	(e)	(f) = (d) + (e)	(g)	(h)	(i) = (g) + (h)	(j) = (i) - (f)
1	Edmonton	Superior	13.9703	6.4047	20.3750	6.5124	8.9956	15.5080	(4.8670)
2	Edmonton	Rapid River	13.9703	10.5760	24.5463	6.5124	13.8001	20.3125	(4.2338)
3	Edmonton	Sarnia	14.4097	16.4344	30.8441	6.9548	20.5100	27.4648	(3.3793)
4	Kerrobert	Superior	12.7767	6.4047	19.1814	4.8922	8.0651	12.9573	(6.2241)
5	Kerrobert	Rapid River	12.7767	10.5760	23.3527	4.8922	12.8696	17.7618	(5.5909)
6	Kerrobert	Sarnia	13.2161	16.4344	29.6505	5.3346	19.5795	24.9141	(4.7365)
7	Cromer	Superior	11.1376	6.4047	17.5423	2.0856	6.8891	8.9747	(8.5675)
8	Cromer	Rapid River	11.1376	10.5760	21.7136	2.0856	11.6937	13.7793	(7.9342)
9	Cromer	Sarnia	11.5770	16.4344	28.0114	2.5279	18.4035	20.9314	(7.0800)

1. Column (d) shows the Canadian Local Toll CER No. 560 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.

2. The CLT to Sarnia, Westover and Nanticoke are calculated by adding the applicable tolls to the International Boundary near Gretna, Manitoba and the tolls from the International Boundary near Sarnia, Ontario to Sarnia, Westover and Nanticoke, respectively.

3. Column (g) shows the Canadian dollar component of the International Joint Rate CER No. 561/FERC No. 45.39.0 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.

IJT Joint Rate versus Combination of Local Rates
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates
CER Tariff No. 560 + FERC Tariff No. 43.51.0 versus CER No. 561/FERC No. 45.39.0
Effective: January 1, 2025

Condensates (CND)									
Line No.	From	To	Canadian Local Toll per CER No. 560 ^{1,2}	US Local Rate per FERC No. 43.51.0	Total of Local Rates	CAD IJT Component per CER No. 561/ FERC No. 45.39.0 ³	USD IJT Component per CER No. 551/ FERC No. 45.38.0	Total IJT per CER No. 551/ FERC No. 45.38.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3) (d)	(US\$/m3) (e)	(US\$/m3) (f) = (d) +(e)	(US\$/m3) (g)	(US\$/m3) (h)	(US\$/m3) (i) = (g) + (h)	(US\$/m3) (j) = (i) - (f)
1	Edmonton	Clearbrook	14.2020	3.5081	17.7101	6.6366	5.5344	12.1710	(5.5391)
2	Edmonton	Superior	14.2020	7.2176	21.4196	6.6366	9.1030	15.7396	(5.6800)
3	Edmonton	Lockport	14.2020	15.5559	29.7579	6.6366	17.9019	24.5385	(5.2194)
4	Edmonton	Mokena	14.2020	15.5559	29.7579	6.6366	17.9019	24.5385	(5.2194)
5	Edmonton	Flanagan	14.2020	15.5559	29.7579	6.6366	17.9019	24.5385	(5.2194)
6	Edmonton	Griffith	14.2020	15.5559	29.7579	6.6366	17.9019	24.5385	(5.2194)
7	Edmonton	Stockbridge	14.2020	18.7034	32.9054	6.6366	21.1307	27.7673	(5.1381)
8	Edmonton	Marysville	14.2020	18.7034	32.9054	6.6366	21.1307	27.7673	(5.1381)
9	Edmonton	Sarnia	14.6419	18.2836	32.9255	7.0800	20.8284	27.9084	(5.0171)
10	Edmonton	Westover	15.5052	18.2836	33.7888	7.9997	21.2056	29.2053	(4.5835)
11	Edmonton	Nanticoke	15.8328	18.2836	34.1164	8.3486	21.3487	29.6973	(4.4190)

- Column (d) shows the Canadian Local Toll CER No. 560 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.
- The CLT to Sarnia, Westover and Nanticoke are calculated by adding the applicable tolls to the International Boundary near Gretna, Manitoba and the tolls from the International Boundary near Sarnia, Ontario to Sarnia, Westover and Nanticoke, respectively.
- Column (g) shows the Canadian dollar component of the International Joint Rate CER No. 561/FERC No. 45.39.0 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.

IJT Joint Rate versus Combination of Local Rates
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates
CER Tariff No. 560 + FERC Tariff No. 43.51.0 versus CER No. 561/ FERC No. 45.39.0
Effective: January 1, 2025

Light Crude Petroleum (LGT)									
Line No.	From	To	Canadian Local Toll per CER No. 560 ^{1,2}	US Local Rate per FERC No. 43.51.0	Total of Local Rates	CAD IJT Component per CER No. 561/ FERC No. 45.39.0 ³	USD IJT Component per CER No. 561/ FERC No. 45.39.0	Total IJT per CER No. 561/ FERC No. 45.39.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3) (d)	(US\$/m3) (e)	(US\$/m3) (f) = (d) + (e)	(US\$/m3) (g)	(US\$/m3) (h)	(US\$/m3) (i) = (g) + (h)	(US\$/m3) (j) = (i) - (f)
1	Edmonton	Clearbrook	15.1291	3.5081	18.6372	7.1331	5.7132	12.8463	(5.7909)
2	Edmonton	Superior	15.1291	7.2176	22.3467	7.1331	9.5324	16.6655	(5.6812)
3	Edmonton	Lockport	15.1291	15.5559	30.6850	7.1331	18.9494	26.0825	(4.6025)
4	Edmonton	Mokena	15.1291	15.5559	30.6850	7.1331	18.9494	26.0825	(4.6025)
5	Edmonton	Flanagan	15.1291	15.5559	30.6850	7.1331	18.9494	26.0825	(4.6025)
6	Edmonton	Griffith	15.1291	15.5559	30.6850	7.1331	18.9494	26.0825	(4.6025)
7	Edmonton	Stockbridge	15.1291	18.7034	33.8325	7.1331	22.4048	29.5379	(4.2946)
8	Edmonton	Marysville	15.1291	18.7034	33.8325	7.1331	22.4048	29.5379	(4.2946)
9	Edmonton	Sarnia	15.5716	18.2836	33.8552	7.5814	22.1025	29.6839	(4.1713)
10	Edmonton	Westover	16.4753	18.2836	34.7589	8.5788	22.4797	31.0585	(3.7004)
11	Edmonton	Nanticoke	16.8184	18.2836	35.1020	8.9572	22.6228	31.5800	(3.5219)
12	Hardisty	Clearbrook	14.6444	3.5081	18.1525	6.2381	5.3747	11.6128	(6.5396)
13	Hardisty	Superior	14.6444	7.2176	21.8620	6.2381	9.1939	15.4320	(6.4296)
14	Hardisty	Lockport	14.6444	15.5559	30.2003	6.2381	18.6110	24.8491	(5.3511)
15	Hardisty	Mokena	14.6444	15.5559	30.2003	6.2381	18.6110	24.8491	(5.3511)
16	Hardisty	Flanagan	14.6444	15.5559	30.2003	6.2381	18.6110	24.8491	(5.3511)
17	Hardisty	Griffith	14.6444	15.5559	30.2003	6.2381	18.6110	24.8491	(5.3511)
18	Hardisty	Stockbridge	14.6444	18.7034	33.3478	6.2381	22.0663	28.3044	(5.0433)
19	Hardisty	Marysville	14.6444	18.7034	33.3478	6.2381	22.0663	28.3044	(5.0433)
20	Hardisty	Sarnia	15.0868	18.2836	33.3704	6.6863	21.7641	28.4504	(4.9200)
21	Hardisty	Westover	15.9905	18.2836	34.2741	7.6836	22.1412	29.8248	(4.4493)
22	Hardisty	Nanticoke	16.3336	18.2836	34.6172	8.0621	22.2843	30.3464	(4.2708)
23	Kerrobert	Clearbrook	13.9098	3.5081	17.4179	5.3380	4.7827	10.1207	(7.2972)
24	Kerrobert	Superior	13.9098	7.2176	21.1274	5.3380	8.6019	13.9399	(7.1875)
25	Kerrobert	Lockport	13.9098	15.5559	29.4657	5.3380	18.0189	23.3569	(6.1088)
26	Kerrobert	Mokena	13.9098	15.5559	29.4657	5.3380	18.0189	23.3569	(6.1088)
27	Kerrobert	Flanagan	13.9098	15.5559	29.4657	5.3380	18.0189	23.3569	(6.1088)
28	Kerrobert	Griffith	13.9098	15.5559	29.4657	5.3380	18.0189	23.3569	(6.1088)
29	Kerrobert	Stockbridge	13.9098	18.7034	32.6132	5.3380	21.4743	26.8123	(5.8009)
30	Kerrobert	Marysville	13.9098	18.7034	32.6132	5.3380	21.4743	26.8123	(5.8009)
31	Kerrobert	Sarnia	14.3522	18.2836	32.6358	5.7861	21.1720	26.9581	(5.6777)
32	Kerrobert	Westover	15.2559	18.2836	33.5395	6.7834	21.5492	28.3326	(5.2069)
33	Kerrobert	Nanticoke	15.5990	18.2836	33.8826	7.1619	21.6923	28.8542	(5.0284)
34	Regina	Clearbrook	12.9318	3.5081	16.4399	3.5324	4.0999	7.6323	(8.8076)
35	Regina	Superior	12.9318	7.2176	20.1494	3.5324	7.9191	11.4515	(8.6979)
36	Regina	Lockport	12.9318	15.5559	28.4877	3.5324	17.3362	20.8686	(7.6191)
37	Regina	Mokena	12.9318	15.5559	28.4877	3.5324	17.3362	20.8686	(7.6191)
38	Regina	Flanagan	12.9318	15.5559	28.4877	3.5324	17.3362	20.8686	(7.6191)
39	Regina	Griffith	12.9318	15.5559	28.4877	3.5324	17.3362	20.8686	(7.6191)
40	Regina	Stockbridge	12.9318	18.7034	31.6352	3.5324	20.7916	24.3240	(7.3112)
41	Regina	Marysville	12.9318	18.7034	31.6352	3.5324	20.7916	24.3240	(7.3112)
42	Regina	Sarnia	13.3742	18.2836	31.6578	3.9808	20.4893	24.4701	(7.1877)
43	Regina	Westover	14.2779	18.2836	32.5615	4.9781	20.8665	25.8446	(6.7169)
44	Regina	Nanticoke	14.6210	18.2836	32.9046	5.3566	21.0096	26.3662	(6.5384)
45	Cromer	Clearbrook	12.2255	3.5081	15.7336	2.2283	3.6067	5.8350	(9.8986)
46	Cromer	Superior	12.2255	7.2176	19.4431	2.2283	7.4259	9.6542	(9.7889)
47	Cromer	Lockport	12.2255	15.5559	27.7814	2.2283	16.8430	19.0713	(8.7101)
48	Cromer	Mokena	12.2255	15.5559	27.7814	2.2283	16.8430	19.0713	(8.7101)
49	Cromer	Flanagan	12.2255	15.5559	27.7814	2.2283	16.8430	19.0713	(8.7101)
50	Cromer	Griffith	12.2255	15.5559	27.7814	2.2283	16.8430	19.0713	(8.7101)
51	Cromer	Stockbridge	12.2255	18.7034	30.9289	2.2283	20.2984	22.5267	(8.4022)
52	Cromer	Marysville	12.2255	18.7034	30.9289	2.2283	20.2984	22.5267	(8.4022)
53	Cromer	Sarnia	12.6679	18.2836	30.9515	2.6766	19.9960	22.6726	(8.2790)
54	Cromer	Westover	13.5716	18.2836	31.8552	3.6739	20.3733	24.0472	(7.8081)
55	Cromer	Nanticoke	13.9147	18.2836	32.1983	4.0524	20.5164	24.5688	(7.6296)

1. Column (d) shows the Canadian Local Toll CER No. 560 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.

2. The CLT to Sarnia, Westover and Nanticoke are calculated by adding the applicable tolls to the International Boundary near Grenn, Manitoba and the tolls from the International Boundary near Sarnia, Ontario to Sarnia, Westover and Nanticoke, respectively.

3. Column (g) shows the Canadian dollar component of the International Joint Rate CER No. 561/ FERC No. 45.39.0 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.

IJT Joint Rate versus Combination of Local Rates
 Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates
CER Tariff No. 560 + FERC Tariff No. 43.51.0 versus CER No. 561/FERC No. 45.39.0
 Effective: January 1, 2025

Medium Crude Petroleum (MED)									
Line No.	From	To	Canadian Local Toll per CER No. 560 ^{1,2}	US Local Rate per FERC No. 43.51.0	Total of Local Rates	CAD IJT Component per CER No. 561/ FERC No. 45.39.0 ³	USD IJT Component per CER No. 561/ FERC No. 45.39.0	Total IJT per CER No. 561/ FERC No. 45.39.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h)	(i) = (g) + (h)	(j) = (i) - (f)
1	Edmonton	Clearbrook	16.0562	3.7005	19.7567	7.6296	5.8923	13.5219	(6.2348)
2	Edmonton	Superior	16.0562	7.6819	23.7381	7.6296	9.9620	17.5916	(6.1465)
3	Edmonton	Lockport	16.0562	16.6844	32.7406	7.6296	19.9968	27.6264	(5.1142)
4	Edmonton	Mokena	16.0562	16.6844	32.7406	7.6296	19.9968	27.6264	(5.1142)
5	Edmonton	Flanagan	16.0562	16.6844	32.7406	7.6296	19.9968	27.6264	(5.1142)
6	Edmonton	Griffith	16.0562	16.6844	32.7406	7.6296	19.9968	27.6264	(5.1142)
7	Edmonton	Stockbridge	16.0562	20.0762	36.1324	7.6296	23.6790	31.3086	(4.8238)
8	Edmonton	Marysville	16.0562	20.0762	36.1324	7.6296	23.6790	31.3086	(4.8238)
9	Edmonton	Sarnia	16.5011	19.6589	36.1600	8.0827	23.3767	31.4594	(4.7006)
10	Edmonton	Westover	17.4456	19.6589	37.1045	9.1578	23.7539	32.9117	(4.1929)
11	Edmonton	Nanticoke	17.8041	19.6589	37.4630	9.5658	23.8970	33.4628	(4.0002)
12	Hardisty	Clearbrook	15.5611	3.7005	19.2616	6.6649	5.5538	12.2187	(7.0430)
13	Hardisty	Superior	15.5611	7.6819	23.2430	6.6649	9.6235	16.2884	(6.9547)
14	Hardisty	Lockport	15.5611	16.6844	32.2455	6.6649	19.6584	26.3233	(5.9223)
15	Hardisty	Mokena	15.5611	16.6844	32.2455	6.6649	19.6584	26.3233	(5.9223)
16	Hardisty	Flanagan	15.5611	16.6844	32.2455	6.6649	19.6584	26.3233	(5.9223)
17	Hardisty	Griffith	15.5611	16.6844	32.2455	6.6649	19.6584	26.3233	(5.9223)
18	Hardisty	Stockbridge	15.5611	20.0762	35.6373	6.6649	23.3405	30.0054	(5.6320)
19	Hardisty	Marysville	15.5611	20.0762	35.6373	6.6649	23.3405	30.0054	(5.6320)
20	Hardisty	Sarnia	16.0061	19.6589	35.6650	7.1178	23.0383	30.1561	(5.5089)
21	Hardisty	Westover	16.9506	19.6589	36.6095	8.1929	23.4154	31.6083	(5.0011)
22	Hardisty	Nanticoke	17.3090	19.6589	36.9679	8.6010	23.5585	32.1595	(4.8084)
23	Cromer	Clearbrook	13.0959	3.7005	16.7964	2.3424	3.7858	6.1282	(10.6682)
24	Cromer	Superior	13.0959	7.6819	20.7778	2.3424	7.8555	10.1979	(10.5799)
25	Cromer	Lockport	13.0959	16.6844	29.7803	2.3424	17.8904	20.2328	(9.5475)
26	Cromer	Mokena	13.0959	16.6844	29.7803	2.3424	17.8904	20.2328	(9.5475)
27	Cromer	Flanagan	13.0959	16.6844	29.7803	2.3424	17.8904	20.2328	(9.5475)
28	Cromer	Griffith	13.0959	16.6844	29.7803	2.3424	17.8904	20.2328	(9.5475)
29	Cromer	Stockbridge	13.0959	20.0762	33.1721	2.3424	21.5726	23.9150	(9.2571)
30	Cromer	Marysville	13.0959	20.0762	33.1721	2.3424	21.5726	23.9150	(9.2571)
31	Cromer	Sarnia	13.5408	19.6589	33.1997	2.7953	21.2702	24.0655	(9.1342)
32	Cromer	Westover	14.4853	19.6589	34.1442	3.8704	21.6475	25.5179	(8.6263)
33	Cromer	Nanticoke	14.8437	19.6589	34.5026	4.2784	21.7906	26.0690	(8.4337)

- Column (d) shows the Canadian Local Toll CER No. 560 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.
- The CLT to Sarnia, Westover and Nanticoke are calculated by adding the applicable tolls to the International Boundary near Gretna, Manitoba and the tolls from the International Boundary near Sarnia, Ontario to Sarnia, Westover and Nanticoke, respectively.
- Column (g) shows the Canadian dollar component of the International Joint Rate CER No. 561/FERC No. 45.39.0 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.

IJT Joint Rate versus Combination of Local Rates
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates
CER Tariff No. 560 + FERC Tariff No. 43.51.0 versus CER No. 561/ FERC No. 45.39.0
Effective: January 1, 2025

Heavy Crude Petroleum (HVY)									
Line No.	From	To	Canadian Local Toll per CER No. 560 ^{1,2}	US Local Rate per FERC No. 43.51.0	Total of Local Rates	CAD IJT Component per CER No. 561/ FERC No. 45.39.0 ³	USD IJT Component per CER No. 561/ FERC No. 45.39.0	Total IJT per CER No. 561/ FERC No. 45.39.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3) (d)	(US\$/m3) (e)	(US\$/m3) (f) = (d) + (e)	(US\$/m3) (g)	(US\$/m3) (h)	(US\$/m3) (i) = (g) + (h)	(US\$/m3) (j) = (i) - (f)
1	Edmonton	Clearbrook	17.6787	4.0396	21.7183	8.4985	6.2053	14.7038	(7.0145)
2	Edmonton	Superior	17.6787	8.4921	26.1708	8.4985	10.7137	19.2122	(6.9586)
3	Edmonton	Lockport	17.6787	18.6641	36.3428	8.4985	21.8296	30.3281	(6.0147)
4	Edmonton	Mokena	17.6787	18.6641	36.3428	8.4985	21.8296	30.3281	(6.0147)
5	Edmonton	Flanagan	17.6787	18.6641	36.3428	8.4985	21.8296	30.3281	(6.0147)
6	Edmonton	Griffith	17.6787	18.6641	36.3428	8.4985	21.8296	30.3281	(6.0147)
7	Edmonton	Stockbridge	17.6787	22.4863	40.1650	8.4985	25.9087	34.4072	(5.7578)
8	Edmonton	Marysville	17.6787	22.4863	40.1650	8.4985	25.9087	34.4072	(5.7578)
9	Edmonton	Sarnia	18.1281	22.0632	40.1913	8.9599	25.6064	34.5663	(5.6249)
10	Edmonton	Westover	19.1436	22.0632	41.2068	10.1711	25.9836	36.1547	(5.0520)
11	Edmonton	Nanticoke	19.5291	22.0632	41.5923	10.6308	26.1267	36.7575	(4.8348)
12	Hardisty	Clearbrook	17.1654	4.0396	21.2050	7.4116	5.8668	13.2784	(7.9266)
13	Hardisty	Superior	17.1654	8.4921	25.6575	7.4116	10.3752	17.7868	(7.8707)
14	Hardisty	Lockport	17.1654	18.6641	35.8295	7.4116	21.4912	28.9028	(6.9267)
15	Hardisty	Mokena	17.1654	18.6641	35.8295	7.4116	21.4912	28.9028	(6.9267)
16	Hardisty	Flanagan	17.1654	18.6641	35.8295	7.4116	21.4912	28.9028	(6.9267)
17	Hardisty	Griffith	17.1654	18.6641	35.8295	7.4116	21.4912	28.9028	(6.9267)
18	Hardisty	Stockbridge	17.1654	22.4863	39.6517	7.4116	25.5702	32.9818	(6.6699)
19	Hardisty	Marysville	17.1654	22.4863	39.6517	7.4116	25.5702	32.9818	(6.6699)
20	Hardisty	Sarnia	17.6147	22.0632	39.6779	7.8730	25.2680	33.1410	(6.5369)
21	Hardisty	Westover	18.6302	22.0632	40.6934	9.0841	25.6451	34.7292	(5.9642)
22	Hardisty	Nanticoke	19.0157	22.0632	41.0789	9.5439	25.7882	35.3321	(5.7468)
23	Kerrobert	Clearbrook	16.4022	4.0396	20.4418	6.3184	5.2748	11.5932	(8.8486)
24	Kerrobert	Superior	16.4022	8.4921	24.8943	6.3184	9.7832	16.1016	(8.7927)
25	Kerrobert	Lockport	16.4022	18.6641	35.0663	6.3184	20.8991	27.2175	(7.8488)
26	Kerrobert	Mokena	16.4022	18.6641	35.0663	6.3184	20.8991	27.2175	(7.8488)
27	Kerrobert	Flanagan	16.4022	18.6641	35.0663	6.3184	20.8991	27.2175	(7.8488)
28	Kerrobert	Griffith	16.4022	18.6641	35.0663	6.3184	20.8991	27.2175	(7.8488)
29	Kerrobert	Stockbridge	16.4022	22.4863	38.8885	6.3184	24.9782	31.2966	(7.5919)
30	Kerrobert	Marysville	16.4022	22.4863	38.8885	6.3184	24.9782	31.2966	(7.5919)
31	Kerrobert	Sarnia	16.8516	22.0632	38.9148	6.7799	24.6759	31.4558	(7.4590)
32	Kerrobert	Westover	17.8671	22.0632	39.9303	7.9909	25.0531	33.0440	(6.8862)
33	Kerrobert	Nanticoke	18.2526	22.0632	40.3158	8.4505	25.1962	33.6467	(6.6691)
34	Regina	Clearbrook	15.3669	4.0396	19.4065	4.1259	4.5920	8.7179	(10.6886)
35	Regina	Superior	15.3669	8.4921	23.8590	4.1259	9.1004	13.2263	(10.6327)
36	Regina	Lockport	15.3669	18.6641	34.0310	4.1259	20.2164	24.3423	(9.6887)
37	Regina	Mokena	15.3669	18.6641	34.0310	4.1259	20.2164	24.3423	(9.6887)
38	Regina	Flanagan	15.3669	18.6641	34.0310	4.1259	20.2164	24.3423	(9.6887)
39	Regina	Griffith	15.3669	18.6641	34.0310	4.1259	20.2164	24.3423	(9.6887)
40	Regina	Stockbridge	15.3669	22.4863	37.8532	4.1259	24.2955	28.4214	(9.4318)
41	Regina	Marysville	15.3669	22.4863	37.8532	4.1259	24.2955	28.4214	(9.4318)
42	Regina	Sarnia	15.8162	22.0632	37.8794	4.5872	23.9932	28.5804	(9.2990)
43	Regina	Westover	16.8317	22.0632	38.8949	5.7985	24.3704	30.1689	(8.7260)
44	Regina	Nanticoke	17.2172	22.0632	39.2804	6.2581	24.5135	30.7716	(8.5088)
45	Cromer	Clearbrook	14.6190	4.0396	18.6586	2.5419	4.0988	6.6407	(12.0179)
46	Cromer	Superior	14.6190	8.4921	23.1111	2.5419	8.6072	11.1491	(11.9620)
47	Cromer	Lockport	14.6190	18.6641	33.2831	2.5419	19.7232	22.2651	(11.0180)
48	Cromer	Mokena	14.6190	18.6641	33.2831	2.5419	19.7232	22.2651	(11.0180)
49	Cromer	Flanagan	14.6190	18.6641	33.2831	2.5419	19.7232	22.2651	(11.0180)
50	Cromer	Griffith	14.6190	18.6641	33.2831	2.5419	19.7232	22.2651	(11.0180)
51	Cromer	Stockbridge	14.6190	22.4863	37.1053	2.5419	23.8023	26.3442	(10.7611)
52	Cromer	Marysville	14.6190	22.4863	37.1053	2.5419	23.8023	26.3442	(10.7611)
53	Cromer	Sarnia	15.0684	22.0632	37.1316	3.0033	23.4999	26.5032	(10.6284)
54	Cromer	Westover	16.0839	22.0632	38.1471	4.2145	23.8772	28.0917	(10.0554)
55	Cromer	Nanticoke	16.4694	22.0632	38.5326	4.6741	24.0203	28.6944	(9.8381)

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- Column (g) shows the Canadian dollar component of the International Joint Rate CER No. 561/ FERC No. 45.39.0 converted into United States currency using a factor of \$1.40 CAD per \$1.00 U.S.