



# 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 5 OF THIS TARIFF

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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.

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The rates listed in this tariff are payable in 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.

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Issued on **[W] fifteen (15) ~~sixteen (16)~~** days' notice under authority of 18 CFR 341.14. This tariff publication is conditionally accepted subject to refund pending a 30-day review period.

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

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

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**ISSUED: September 15, 2022**

**EFFECTIVE: October 1, 2022**

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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<sup>3</sup>) and a viscosity of up to but not including 0.4 square millimeters per second (mm<sup>2</sup>/s) will be classified as **Natural Gas Liquids**.

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

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

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

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

The following tables provide rates including Transmission and Terminalling Charges, as well as the Abandonment Surcharges, the Edmonton Transportation Surcharge, the Phase 1 Southern Access Expansion Surcharge, the Interim Lakehead Operational Tank Surcharge, the Line 78 (Line 62 Twin) Surcharge, the CTS Section 20.1 surcharge, 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 Interim CER Tariff No. [W] 511 507, Enbridge Pipelines Inc.'s Interim CER RT Tariff No. 22-1, and Enbridge Energy, Limited Partnership's FERC Tariff No. 43.45.0. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. [W] 511 507, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.18.0.

[!] All rates on this page have increased.

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

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER						
From	To	Rate				
		NGL	CND	LIGHT	MEDIUM	HEAVY
Edmonton Terminal, Alberta	Clearbrook, Minnesota		19.6233	20.5452	21.6162	23.4925
	Superior, Wisconsin	22.3138	23.1459	24.0750	25.3636	27.6176
	Lockport, Illinois		32.0347	32.9807	34.8016	37.9917
	Mokena, Illinois		32.0347	32.9807	34.8016	37.9917
	Flanagan, Illinois		31.5732	32.5192	34.3401	37.5302
	Griffith, Indiana		32.0347	32.9807	34.8016	37.9917
	Stockbridge, Michigan		35.0872	36.0397	38.0565	41.5904
	Rapid River, Michigan	27.2147				
	Marysville, Michigan		35.0872	36.0397	38.0565	41.5904
	Corunna or Sarnia Terminal, Ontario	33.8313	35.4878	36.4491	38.4765	42.0220
	Westover, Ontario		37.6088	38.7140	40.8848	44.6818
	Nanticoke, Ontario		38.4139	39.5735	41.7988	45.6912
Hardisty Terminal, Alberta	Clearbrook, Minnesota			16.8644	17.8064	19.4573
	Superior, Wisconsin			20.3942	21.5538	23.5824
	Lockport, Illinois			29.3001	30.9920	33.9564
	Mokena, Illinois			29.3001	30.9920	33.9564
	Flanagan, Illinois			28.8386	30.5305	33.4949
	Griffith, Indiana			29.3001	30.9920	33.9564
	Stockbridge, Michigan			32.3589	34.2468	37.5551
	Rapid River, Michigan					
	Marysville, Michigan			32.3589	34.2468	37.5551
	Corunna or Sarnia Terminal, Ontario			32.7688	34.6671	37.9872
	Westover, Ontario			35.0334	37.0753	40.6467
	Nanticoke, Ontario			35.8926	37.9892	41.6560

[!] All rates on this page have increased.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER						
From	To	Rate				
		NGL	CND	LIGHT	MEDIUM	HEAVY
Kerrobot Station, Saskatchewan	Clearbrook, Minnesota			14.5689		16.8051
	Superior, Wisconsin	16.6605		18.0987		20.9302
	Lockport, Illinois			27.0045		31.3043
	Mokena, Illinois			27.0045		31.3043
	Flanagan, Illinois			26.5430		30.8428
	Griffith, Indiana			27.0045		31.3043
	Stockbridge, Michigan			30.0634		34.9030
	Rapid River, Michigan	21.5616				
	Marysville, Michigan			30.0634		34.9030
	Corunna or Sarnia Terminal, Ontario	28.1781		30.4729		35.3348
	Westover, Ontario			32.7377		37.9944
	Nanticoke, Ontario			33.5971		39.0038
Regina Terminal, Saskatchewan	Clearbrook, Minnesota			10.4694		11.9905
	Superior, Wisconsin			13.9990		16.1156
	Lockport, Illinois			22.9049		26.4898
	Mokena, Illinois			22.9049		26.4898
	Flanagan, Illinois			22.4434		26.0283
	Griffith, Indiana			22.9049		26.4898
	Stockbridge, Michigan			25.9637		30.0886
	Rapid River, Michigan					
	Marysville, Michigan			25.9637		30.0886
	Corunna or Sarnia Terminal, Ontario			26.3732		30.5203
	Westover, Ontario			28.6380		33.1800
	Nanticoke, Ontario			29.4976		34.1892
Cromer Terminal, Manitoba	Clearbrook, Minnesota			7.5077	7.8724	8.5124
	Superior, Wisconsin	10.1593		11.0377	11.6199	12.6376
	Lockport, Illinois			19.9435	21.0577	23.0115
	Mokena, Illinois			19.9435	21.0577	23.0115
	Flanagan, Illinois			19.4820	20.5962	22.5500
	Griffith, Indiana			19.9435	21.0577	23.0115
	Stockbridge, Michigan			23.0024	24.3126	26.6102
	Rapid River, Michigan	15.0604				
	Marysville, Michigan			23.0024	24.3126	26.6102
	Corunna or Sarnia Terminal, Ontario	21.6768		23.4117	24.7325	27.0421
	Westover, Ontario			25.6765	27.1410	29.7019
	Nanticoke, Ontario			26.5361	28.0549	30.7112

### Notes

- a) **Abandonment Surcharge:** The transportation rates include Abandonment Surcharges for transmission and terminalling pursuant to National Energy Board Decision MH-001-2013 and Order MO-030-2014 for movements of all commodities. All movements to the United States incur a receipt terminalling Abandonment Surcharge. Movements to Corunna or Sarnia Terminal, Ontario and Nanticoke, Ontario incur both a receipt and delivery terminalling Abandonment Surcharge.
- b) **Edmonton Transportation Surcharge:** Pursuant to CTS Section 16.3, the transportation tolls from the Edmonton Terminal, Alberta receiving point include a surcharge for transmission and terminalling, which is not adjusted for distance or commodity type.
- c) **Phase 1 Southern Access Expansion Surcharge:** Pursuant to CTS Section 16.3, the transportation tolls for all movements downstream of Superior, Wisconsin include a surcharge, which is not adjusted for distance or commodity type.
- d) **Interim Lakehead Operational Tank Surcharge:** Pursuant to CTS Section 16.3, the transportation tolls for all movements downstream of Superior, Wisconsin include a surcharge, which is not adjusted for distance or commodity type.
- e) **Line 78 (Line 62 Twin) Surcharge:** Pursuant to CTS Section 16.3, the transportation tolls for all commodity movements into and east of Chicago include a surcharge, which is not adjusted for distance or commodity type.
- f) **CTS Section 20.1(i) Surcharge:** Pursuant to CTS Section 20.1(i), the transportation tolls include a surcharge for Regulatory Change(s) or Enbridge Specific Regulatory Change(s), which is adjusted for distance and commodity type.
- g) **Non-Performance Penalty:** 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.
- h) **Line 3 Replacement Surcharges:** Pursuant to CER Toll Order TO-03-2021, the transportation rates for all movements include a transmission surcharge, which is adjusted for distance only, and a receipt terminalling rate for all movement 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.

### 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 1/10<sup>th</sup> 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:

[I] – Increase

[W] – Change in wording only

IJT Joint Rate versus Combination of Local Rates  
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates  
**Interim CER Tariff No. 511 + FERC Tariff No. 43.45.0 versus CER No. 512/FERC No. 45.30.0**  
Effective: October 1, 2022

Natural Gas Liquids (NGL)							
Line No.	From	To	Canadian Local Toll per CER No. 511 <sup>1,2</sup> (US\$/m3)	US Local Rate per FERC No. 43.45.0 (US\$/m3)	Total of Local Rates (US\$/m3)	IJT per CER No. 512/ FERC No. 45.30.0 (US\$/m3)	Discount Resulting from Joint Rate (US\$/m3)
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Superior	29.3015	6.9949	36.2964	22.3138	(13.9826)
2	Edmonton	Rapid River	29.3015	11.3874	40.6889	27.2147	(13.4742)
3	Edmonton	Sarnia	29.8262	17.7299	47.5561	33.8313	(13.7248)
4	Kerrobert	Superior	20.8192	6.9949	27.8141	16.6605	(11.1536)
5	Kerrobert	Rapid River	20.8192	11.3874	32.2066	21.5616	(10.6450)
6	Kerrobert	Sarnia	21.3438	17.7299	39.0737	28.1781	(10.8956)
7	Cromer	Superior	9.3262	6.9949	16.3211	10.1593	(6.1618)
8	Cromer	Rapid River	9.3262	11.3874	20.7136	15.0604	(5.6532)
9	Cromer	Sarnia	9.8508	17.7299	27.5807	21.6768	(5.9039)

1. Column (d) shows the Canadian Local Toll CER No. 511 converted into United States currency using a factor of \$1.30 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.

IJT Joint Rate versus Combination of Local Rates  
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates  
**Interim CER Tariff No. 511 + FERC Tariff No. 43.45.0 versus CER No. 512/FERC No. 45.30.0**  
Effective: October 1, 2022

Condensates (CND)							
Line No.	From	To	Canadian Local Toll per CER No. 511 <sup>1,2</sup>	US Local Rate per FERC No. 43.45.0	Total of Local Rates	IJT per CER No. 512/ FERC No. 45.30.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
			(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Clearbrook	30.1031	3.7208	33.8239	19.6233	(14.2006)
2	Edmonton	Superior	30.1031	7.6323	37.7354	23.1459	(14.5895)
3	Edmonton	Lockport	30.1031	16.6067	46.7098	32.0347	(14.6751)
4	Edmonton	Mokena	30.1031	16.6067	46.7098	32.0347	(14.6751)
5	Edmonton	Flanagan	30.1031	16.6067	46.7098	31.5732	(15.1366)
6	Edmonton	Griffith	30.1031	16.6067	46.7098	32.0347	(14.6751)
7	Edmonton	Stockbridge	30.1031	19.9709	50.0740	35.0872	(14.9868)
8	Edmonton	Marysville	30.1031	19.9709	50.0740	35.0872	(14.9868)
9	Edmonton	Sarnia	30.6292	19.6205	50.2497	35.4878	(14.7619)
10	Edmonton	Westover	32.4131	19.6205	52.0336	37.6088	(14.4248)
11	Edmonton	Nanticoke	33.0854	19.6205	52.7059	38.4139	(14.2920)

1. Column (d) shows the Canadian Local Toll CER No. 511 converted into United States currency using a factor of \$1.30 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.



IJT Joint Rate versus Combination of Local Rates  
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates  
**Interim CER Tariff No. 511 + FERC Tariff No. 43.45.0 versus CER No. 512/FERC No. 45.30.0**  
Effective: October 1, 2022

Light Crude Petroleum (LGT)							
Line No.	From	To	Canadian Local Toll per CER No. 511 <sup>1,2</sup>	US Local Rate per FERC No. 43.45.0	Total of Local Rates	IJT per CER No. 512/ FERC No. 45.30.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
			(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Clearbrook	31.9315	3.7208	35.6523	20.5452	(15.1071)
2	Edmonton	Superior	31.9315	7.6323	39.5638	24.0750	(15.4888)
3	Edmonton	Lockport	31.9315	16.6067	48.5382	32.9807	(15.5575)
4	Edmonton	Mokena	31.9315	16.6067	48.5382	32.9807	(15.5575)
5	Edmonton	Flanagan	31.9315	16.6067	48.5382	32.5192	(16.0190)
6	Edmonton	Griffith	31.9315	16.6067	48.5382	32.9807	(15.5575)
7	Edmonton	Stockbridge	31.9315	19.9709	51.9024	36.0397	(15.8627)
8	Edmonton	Marysville	31.9315	19.9709	51.9024	36.0397	(15.8627)
9	Edmonton	Sarnia	32.4638	19.6205	52.0843	36.4491	(15.6352)
10	Edmonton	Westover	34.3615	19.6205	53.9820	38.7140	(15.2680)
11	Edmonton	Nanticoke	35.0808	19.6205	54.7013	39.5735	(15.1278)
12	Hardisty	Clearbrook	26.7085	3.7208	30.4293	16.8644	(13.5649)
13	Hardisty	Superior	26.7085	7.6323	34.3408	20.3942	(13.9466)
14	Hardisty	Lockport	26.7085	16.6067	43.3152	29.3001	(14.0151)
15	Hardisty	Mokena	26.7085	16.6067	43.3152	29.3001	(14.0151)
16	Hardisty	Flanagan	26.7085	16.6067	43.3152	28.8386	(14.4766)
17	Hardisty	Griffith	26.7085	16.6067	43.3152	29.3001	(14.0151)
18	Hardisty	Stockbridge	26.7085	19.9709	46.6794	32.3589	(14.3205)
19	Hardisty	Marysville	26.7085	19.9709	46.6794	32.3589	(14.3205)
20	Hardisty	Sarnia	27.2408	19.6205	46.8613	32.7688	(14.0925)
21	Hardisty	Westover	29.1385	19.6205	48.7590	35.0334	(13.7256)
22	Hardisty	Nanticoke	29.8577	19.6205	49.4782	35.8926	(13.5856)
23	Kerrobert	Clearbrook	22.8062	3.7208	26.5270	14.5689	(11.9581)
24	Kerrobert	Superior	22.8062	7.6323	30.4385	18.0987	(12.3398)
25	Kerrobert	Lockport	22.8062	16.6067	39.4129	27.0045	(12.4084)
26	Kerrobert	Mokena	22.8062	16.6067	39.4129	27.0045	(12.4084)
27	Kerrobert	Flanagan	22.8062	16.6067	39.4129	26.5430	(12.8699)
28	Kerrobert	Griffith	22.8062	16.6067	39.4129	27.0045	(12.4084)
29	Kerrobert	Stockbridge	22.8062	19.9709	42.7771	30.0634	(12.7137)
30	Kerrobert	Marysville	22.8062	19.9709	42.7771	30.0634	(12.7137)
31	Kerrobert	Sarnia	23.3385	19.6205	42.9590	30.4729	(12.4861)
32	Kerrobert	Westover	25.2362	19.6205	44.8567	32.7377	(12.1190)
33	Kerrobert	Nanticoke	25.9554	19.6205	45.5759	33.5971	(11.9788)
34	Regina	Clearbrook	15.4777	3.7208	19.1985	10.4694	(8.7291)
35	Regina	Superior	15.4777	7.6323	23.1100	13.9990	(9.1110)
36	Regina	Lockport	15.4777	16.6067	32.0844	22.9049	(9.1795)
37	Regina	Mokena	15.4777	16.6067	32.0844	22.9049	(9.1795)
38	Regina	Flanagan	15.4777	16.6067	32.0844	22.4434	(9.6410)
39	Regina	Griffith	15.4777	16.6067	32.0844	22.9049	(9.1795)
40	Regina	Stockbridge	15.4777	19.9709	35.4486	25.9637	(9.4849)
41	Regina	Marysville	15.4777	19.9709	35.4486	25.9637	(9.4849)
42	Regina	Sarnia	16.0100	19.6205	35.6305	26.3732	(9.2573)
43	Regina	Westover	17.9077	19.6205	37.5282	28.6380	(8.8902)
44	Regina	Nanticoke	18.6269	19.6205	38.2474	29.4976	(8.7498)
45	Cromer	Clearbrook	10.1915	3.7208	13.9123	7.5077	(6.4046)
46	Cromer	Superior	10.1915	7.6323	17.8238	11.0377	(6.7861)
47	Cromer	Lockport	10.1915	16.6067	26.7982	19.9435	(6.8547)
48	Cromer	Mokena	10.1915	16.6067	26.7982	19.9435	(6.8547)
49	Cromer	Flanagan	10.1915	16.6067	26.7982	19.4820	(7.3162)
50	Cromer	Griffith	10.1915	16.6067	26.7982	19.9435	(6.8547)
51	Cromer	Stockbridge	10.1915	19.9709	30.1624	23.0024	(7.1600)
52	Cromer	Marysville	10.1915	19.9709	30.1624	23.0024	(7.1600)
53	Cromer	Sarnia	10.7238	19.6205	30.3443	23.4117	(6.9326)
54	Cromer	Westover	12.6215	19.6205	32.2420	25.6765	(6.5655)
55	Cromer	Nanticoke	13.3408	19.6205	32.9613	26.5361	(6.4252)

1. Column (d) shows the Canadian Local Toll CER No. 511 converted into United States currency using a factor of \$1.30 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.

IJT Joint Rate versus Combination of Local Rates  
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates  
**Interim CER Tariff No. 511 + FERC Tariff No. 43.45.0 versus CER No. 512/FERC No. 45.30.0**  
Effective: October 1, 2022

Medium Crude Petroleum (MED)							
Line No.	From	To	Canadian Local Toll per CER No. 511 <sup>1,2</sup> (US\$/m3)	US Local Rate per FERC No. 43.45.0 (US\$/m3)	Total of Local Rates (US\$/m3)	IJT per CER No. 512/ FERC No. 45.30.0 (US\$/m3)	Discount Resulting from Joint Rate (US\$/m3)
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Clearbrook	34.0346	3.9333	37.9679	21.6162	(16.3517)
2	Edmonton	Superior	34.0346	8.1422	42.1768	25.3636	(16.8132)
3	Edmonton	Lockport	34.0346	17.8501	51.8847	34.8016	(17.0831)
4	Edmonton	Mokena	34.0346	17.8501	51.8847	34.8016	(17.0831)
5	Edmonton	Flanagan	34.0346	17.8501	51.8847	34.3401	(17.5446)
6	Edmonton	Griffith	34.0346	17.8501	51.8847	34.8016	(17.0831)
7	Edmonton	Stockbridge	34.0346	21.4833	55.5179	38.0565	(17.4614)
8	Edmonton	Marysville	34.0346	21.4833	55.5179	38.0565	(17.4614)
9	Edmonton	Sarnia	34.5754	21.1329	55.7083	38.4765	(17.2318)
10	Edmonton	Westover	36.5900	21.1329	57.7229	40.8848	(16.8381)
11	Edmonton	Nanticoke	37.3500	21.1329	58.4829	41.7988	(16.6841)
12	Hardisty	Clearbrook	28.5515	3.9333	32.4848	17.8064	(14.6784)
13	Hardisty	Superior	28.5515	8.1422	36.6937	21.5538	(15.1399)
14	Hardisty	Lockport	28.5515	17.8501	46.4016	30.9920	(15.4096)
15	Hardisty	Mokena	28.5515	17.8501	46.4016	30.9920	(15.4096)
16	Hardisty	Flanagan	28.5515	17.8501	46.4016	30.5305	(15.8711)
17	Hardisty	Griffith	28.5515	17.8501	46.4016	30.9920	(15.4096)
18	Hardisty	Stockbridge	28.5515	21.4833	50.0348	34.2468	(15.7880)
19	Hardisty	Marysville	28.5515	21.4833	50.0348	34.2468	(15.7880)
20	Hardisty	Sarnia	29.0923	21.1329	50.2252	34.6671	(15.5581)
21	Hardisty	Westover	31.1069	21.1329	52.2398	37.0753	(15.1645)
22	Hardisty	Nanticoke	31.8669	21.1329	52.9998	37.9892	(15.0106)
23	Cromer	Clearbrook	10.8800	3.9333	14.8133	7.8724	(6.9409)
24	Cromer	Superior	10.8800	8.1422	19.0222	11.6199	(7.4023)
25	Cromer	Lockport	10.8800	17.8501	28.7301	21.0577	(7.6724)
26	Cromer	Mokena	10.8800	17.8501	28.7301	21.0577	(7.6724)
27	Cromer	Flanagan	10.8800	17.8501	28.7301	20.5962	(8.1339)
28	Cromer	Griffith	10.8800	17.8501	28.7301	21.0577	(7.6724)
29	Cromer	Stockbridge	10.8800	21.4833	32.3633	24.3126	(8.0507)
30	Cromer	Marysville	10.8800	21.4833	32.3633	24.3126	(8.0507)
31	Cromer	Sarnia	11.4208	21.1329	32.5537	24.7325	(7.8212)
32	Cromer	Westover	13.4354	21.1329	34.5683	27.1410	(7.4273)
33	Cromer	Nanticoke	14.1954	21.1329	35.3283	28.0549	(7.2734)

1. Column (d) shows the Canadian Local Toll CER No. 511 converted into United States currency using a factor of \$1.30 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.

IJT Joint Rate versus Combination of Local Rates  
Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership International Joint Rates  
**Interim CER Tariff No. 511 + FERC Tariff No. 43.45.0 versus CER No. 512/FERC No. 45.30.0**  
Effective: October 1, 2022

Heavy Crude Petroleum (HVY)							
Line No.	From	To	Canadian Local Toll per CER No. 511 <sup>1,2</sup>	US Local Rate per FERC No. 43.45.0	Total of Local Rates	IJT per CER No. 512/ FERC No. 45.30.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
			(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Clearbrook	37.7169	4.3051	42.0220	23.4925	(18.5295)
2	Edmonton	Superior	37.7169	9.0346	46.7515	27.6176	(19.1339)
3	Edmonton	Lockport	37.7169	20.0259	57.7428	37.9917	(19.7511)
4	Edmonton	Mokena	37.7169	20.0259	57.7428	37.9917	(19.7511)
5	Edmonton	Flanagan	37.7169	20.0259	57.7428	37.5302	(20.2126)
6	Edmonton	Griffith	37.7169	20.0259	57.7428	37.9917	(19.7511)
7	Edmonton	Stockbridge	37.7169	24.1301	61.8470	41.5904	(20.2566)
8	Edmonton	Marysville	37.7169	24.1301	61.8470	41.5904	(20.2566)
9	Edmonton	Sarnia	38.2708	23.7798	62.0506	42.0220	(20.0286)
10	Edmonton	Westover	40.4846	23.7798	64.2644	44.6818	(19.5826)
11	Edmonton	Nanticoke	41.3208	23.7798	65.1006	45.6912	(19.4094)
12	Hardisty	Clearbrook	31.7792	4.3051	36.0843	19.4573	(16.6270)
13	Hardisty	Superior	31.7792	9.0346	40.8138	23.5824	(17.2314)
14	Hardisty	Lockport	31.7792	20.0259	51.8051	33.9564	(17.8487)
15	Hardisty	Mokena	31.7792	20.0259	51.8051	33.9564	(17.8487)
16	Hardisty	Flanagan	31.7792	20.0259	51.8051	33.4949	(18.3102)
17	Hardisty	Griffith	31.7792	20.0259	51.8051	33.9564	(17.8487)
18	Hardisty	Stockbridge	31.7792	24.1301	55.9093	37.5551	(18.3542)
19	Hardisty	Marysville	31.7792	24.1301	55.9093	37.5551	(18.3542)
20	Hardisty	Sarnia	32.3331	23.7798	56.1129	37.9872	(18.1257)
21	Hardisty	Westover	34.5469	23.7798	58.3267	40.6467	(17.6800)
22	Hardisty	Nanticoke	35.3831	23.7798	59.1629	41.6560	(17.5069)
23	Kerrobert	Clearbrook	27.1700	4.3051	31.4751	16.8051	(14.6700)
24	Kerrobert	Superior	27.1700	9.0346	36.2046	20.9302	(15.2744)
25	Kerrobert	Lockport	27.1700	20.0259	47.1959	31.3043	(15.8916)
26	Kerrobert	Mokena	27.1700	20.0259	47.1959	31.3043	(15.8916)
27	Kerrobert	Flanagan	27.1700	20.0259	47.1959	30.8428	(16.3531)
28	Kerrobert	Griffith	27.1700	20.0259	47.1959	31.3043	(15.8916)
29	Kerrobert	Stockbridge	27.1700	24.1301	51.3001	34.9030	(16.3971)
30	Kerrobert	Marysville	27.1700	24.1301	51.3001	34.9030	(16.3971)
31	Kerrobert	Sarnia	27.7238	23.7798	51.5036	35.3348	(16.1688)
32	Kerrobert	Westover	29.9377	23.7798	53.7175	37.9944	(15.7231)
33	Kerrobert	Nanticoke	30.7738	23.7798	54.5536	39.0038	(15.5498)
34	Regina	Clearbrook	18.4215	4.3051	22.7266	11.9905	(10.7361)
35	Regina	Superior	18.4215	9.0346	27.4561	16.1156	(11.3405)
36	Regina	Lockport	18.4215	20.0259	38.4474	26.4898	(11.9576)
37	Regina	Mokena	18.4215	20.0259	38.4474	26.4898	(11.9576)
38	Regina	Flanagan	18.4215	20.0259	38.4474	26.0283	(12.4191)
39	Regina	Griffith	18.4215	20.0259	38.4474	26.4898	(11.9576)
40	Regina	Stockbridge	18.4215	24.1301	42.5516	30.0886	(12.4630)
41	Regina	Marysville	18.4215	24.1301	42.5516	30.0886	(12.4630)
42	Regina	Sarnia	18.9754	23.7798	42.7552	30.5203	(12.2349)
43	Regina	Westover	21.1892	23.7798	44.9690	33.1800	(11.7890)
44	Regina	Nanticoke	22.0254	23.7798	45.8052	34.1892	(11.6160)
45	Cromer	Clearbrook	12.0962	4.3051	16.4013	8.5124	(7.8889)
46	Cromer	Superior	12.0962	9.0346	21.1308	12.6376	(8.4932)
47	Cromer	Lockport	12.0962	20.0259	32.1221	23.0115	(9.1106)
48	Cromer	Mokena	12.0962	20.0259	32.1221	23.0115	(9.1106)
49	Cromer	Flanagan	12.0962	20.0259	32.1221	22.5500	(9.5721)
50	Cromer	Griffith	12.0962	20.0259	32.1221	23.0115	(9.1106)
51	Cromer	Stockbridge	12.0962	24.1301	36.2263	26.6102	(9.6161)
52	Cromer	Marysville	12.0962	24.1301	36.2263	26.6102	(9.6161)
53	Cromer	Sarnia	12.6500	23.7798	36.4298	27.0421	(9.3877)
54	Cromer	Westover	14.8638	23.7798	38.6436	29.7019	(8.9417)
55	Cromer	Nanticoke	15.7000	23.7798	39.4798	30.7112	(8.7686)

1. Column (d) shows the Canadian Local Toll CER No. 511 converted into United States currency using a factor of \$1.30 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.