

CER No. 459

FERC No. 45.20.0

Cancels NEB No. 449

(Issued in lieu of FERC Nos. 45.18.0 & 45.19.0 which were withdrawn)

Cancels FERC No. 45.17.0



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, MANITOBA,

TO

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

USING JOINT ROUTING AS DEPICTED ON PAGE 5 OF THIS TARIFF

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

Enbridge Pipelines Inc., National Energy Board (NEB) Tariffs Nos. 443, 389 and 417, and reissues thereof, on file with the **[W]** Canada Energy Regulator (CER) (formerly NEB) National Energy Board, for transportation within Canada.

Enbridge Energy, Limited Partnership FERC Tariff Nos. 41.16.0 and 42.5.0, and reissues thereof, for transportation within the United States.

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.

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

[N] Issued on two (2) days' notice under authority of 18 CFR 341.14. This tariff publication is conditionally accepted subject to refund pending a 30-day review period.

ISSUED: November 28, 2019

EFFECTIVE: December 1, 2019

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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/m³) and a viscosity of up to but not including 0.4 square millimeters per second (mm²/s) will be classified as **Natural Gas Liquids**.

CONDENSATES (CND) – A commodity having a density from 600 kg/ m³ up to but not including 800 kg/ m³ and a viscosity of 0.4 mm²/s up to but not including 2 mm²/s will be classified as **Condensates**.

LIGHT CRUDE PETROLEUM (LIGHT) - A commodity having a density from 800 kg/m³ up to but not including 876 kg/m³ and a viscosity from 2 mm²/s up to but not including 20 mm²/s will be classified as **Light Crude Petroleum**.

MEDIUM CRUDE PETROLEUM (MEDIUM) - A commodity having a density from 876 kg/m³ up to but not including 904 kg/m³ and a viscosity from 20 mm²/s up to but not including 100 mm²/s will be classified as **Medium Crude Petroleum**.

HEAVY CRUDE PETROLEUM (HEAVY) - A commodity having a density from 904 kg/m³ to 940 kg/m³ inclusive and a viscosity from 100 up to and including 350 mm²/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 **[W]** and the Interim Line 3 Replacement Surcharge, ~~and the Line 61 Twin Surcharge~~. For further information on the applicable tankage charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s **[W]** CER NEB Tariff No. **[W]** 458 448, Enbridge Pipelines Inc.'s **[W]** CER NEB RT Tariff No. **[W]** 19-2 49-4, and Enbridge Energy, Limited Partnership's FERC Tariff No. **[W]** 43.34.0 43-31.0. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s **[W]** CER NEB Tariff No. **[W]** 458 448, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.16.0.

[I] All rates on this page have increased unless otherwise noted.

**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		16.4435	17.3309	18.3656	20.1780
	Superior, Wisconsin	18.5694	19.3837	20.2755	21.5218	23.7016
	Lockport, Illinois		26.8331	27.7351	29.4994	32.5904
	Mokena, Illinois		26.8331	27.7351	29.4994	32.5904
	Flanagan, Illinois		26.3782	27.2802	29.0445	32.1355
	Griffith, Indiana		26.8331	27.7351	29.4994	32.5904
	Stockbridge, Michigan		29.3604	30.2663	32.2213	35.6468
	Rapid River, Michigan	22.6720				
	Marysville, Michigan		29.3604	30.2663	32.2213	35.6468
	Corunna or Sarnia Terminal, Ontario	28.1090	29.7336	30.6481	32.6133	36.0499
	Nanticoke, Ontario		32.1271	33.2329	35.3889	39.1603
West Seneca, New York		32.5040	33.6320	35.8373	39.6963	
Hardisty Terminal, Alberta	Clearbrook, Minnesota			14.0249	14.9351	16.5300
	Superior, Wisconsin			16.9694	18.0912	20.0536
	Lockport, Illinois			24.4293	26.0691	28.9423
	Mokena, Illinois			24.4293	26.0691	28.9423
	Flanagan, Illinois			23.9744	25.6142	28.4874
	Griffith, Indiana			24.4293	26.0691	28.9423
	Stockbridge, Michigan			26.9604	28.7910	31.9989
	Rapid River, Michigan					
	Marysville, Michigan			26.9604	28.7910	31.9989
	Corunna or Sarnia Terminal, Ontario			27.3423	29.1829	32.4022
	Nanticoke, Ontario			29.9267	31.9586	35.5122
West Seneca, New York			30.3263	32.4073	36.0485	

[!] All rates on this page have increased unless otherwise noted.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER						
From	To	Rate				
		NGL	CND	LIGHT	MEDIUM	HEAVY
Kerrobert Station, Saskatchewan	Clearbrook, Minnesota			12.3339		14.4951
	Superior, Wisconsin	13.8838		15.2784		18.0186
	Lockport, Illinois			22.7381		26.9074
	Mokena, Illinois			22.7381		26.9074
	Flanagan, Illinois			22.2832		26.4525
	Griffith, Indiana			22.7381		26.9074
	Stockbridge, Michigan			25.2693		29.9639
	Rapid River, Michigan	17.9865				
	Marysville, Michigan			25.2693		29.9639
	Corunna or Sarnia Terminal, Ontario	23.4236		25.6510		30.3669
	Nanticoke, Ontario			28.2356		33.4772
	West Seneca, New York			28.6350		34.0134
Regina Terminal, Saskatchewan	Clearbrook, Minnesota			8.9423		10.4134
	Superior, Wisconsin			11.8866		13.9369
	Lockport, Illinois			19.3464		22.8258
	Mokena, Illinois			19.3464		22.8258
	Flanagan, Illinois			18.8915		22.3709
	Griffith, Indiana			19.3464		22.8258
	Stockbridge, Michigan			21.8777		25.8825
	Rapid River, Michigan					
	Marysville, Michigan			21.8777		25.8825
	Corunna or Sarnia Terminal, Ontario			22.2592		26.2854
	Nanticoke, Ontario			24.8441		29.3958
	West Seneca, New York			25.2433		29.9317
Cromer Terminal, Manitoba	Clearbrook, Minnesota			6.4920	6.8453	7.4651
	Superior, Wisconsin	8.5821		9.4367	10.0015	10.9888
	Lockport, Illinois			16.8965	17.9790	19.8774
	Mokena, Illinois			16.8965	17.9790	19.8774
	Flanagan, Illinois			16.4416	17.5241	19.4225
	Griffith, Indiana			16.8965	17.9790	19.8774
	Stockbridge, Michigan			19.4277	20.7010	22.9340
	Rapid River, Michigan	12.6850				
	Marysville, Michigan			19.4277	20.7010	22.9340
	Corunna or Sarnia Terminal, Ontario	18.1218		19.8090	21.0926	23.3370
	Nanticoke, Ontario			22.3939	23.8686	26.4473
	West Seneca, New York			22.7933	24.3171	26.9833

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 adjusted on July 1 for the GDPP Index but 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 adjusted on July 1 for the GDPP Index but 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 adjusted on July 1 for the GDPP Index but 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 adjusted on July 1 for the GDPP Index but 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) **[N] Interim Line 3 Replacement Surcharge:** Pursuant to CTS Section 13.1(c), the transportation tolls for all commodity movements include a transmission surcharge which is adjusted for distance only.
- ~~[C] Line 61 Twin Surcharge: Pursuant to CTS Section 13.1(e), the transportation tolls include a surcharge, which is adjusted for distance and commodity type.~~

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, and Minnesota

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; 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 Nanticoke, Ontario, connecting to;

Enbridge Energy, Limited Partnership – International Border near Grand Island, New York to West Seneca, New York.

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. 41.16.0 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. 41.16.0 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:

[C] – Cancel

[I] – Increase

[N] – New

[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. 458 + FERC Tariff No. 43.34.0 versus CER No. 459/FERC No. 45.20.0

Effective: December 1, 2019

Natural Gas Liquids (NGL)							
Line No.	From	To	Canadian Local Toll per CER No. 458 ^{1,2}	US Local Rate per FERC No. 43.34.0	Total of Local Rates	IJT per CER No. 459/ FERC No. 45.20.0	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	Superior	20.6053	4.8090	25.4143	18.5694	(6.8449)
2	Edmonton	Rapid River	20.6053	7.9237	28.5290	22.6720	(5.8570)
3	Edmonton	Sarnia	21.1007	12.2932	33.3939	28.1090	(5.2849)
4	Kerrobert	Superior	14.5410	4.8090	19.3500	13.8838	(5.4662)
5	Kerrobert	Rapid River	14.5410	7.9237	22.4647	17.9865	(4.4782)
6	Kerrobert	Sarnia	15.0363	12.2932	27.3295	23.4236	(3.9059)
7	Cromer	Superior	6.7643	4.8090	11.5733	8.5821	(2.9912)
8	Cromer	Rapid River	6.7643	7.9237	14.6880	12.6850	(2.0030)
9	Cromer	Sarnia	7.2597	12.2932	19.5529	18.1218	(1.4311)

1. Column (d) shows the Canadian Local Toll CER No. 458 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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 versus CER No. 459/FERC No. 45.20.0
Effective: December 1, 2019

Condensates (CND)								
Line No.	From	To	Canadian Local Toll per CER No. 458 ^{1,2} (US\$/m3)	US Local Rate per FERC No. 43.34.0 (US\$/m3)	Total of Local Rates (US\$/m3)	IJT per CER No. 459/ FERC No. 45.20.0 (US\$/m3)	Discount Resulting from Joint Rate (US\$/m3)	
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)	
1	Edmonton	Clearbrook	21.1930	2.6499	23.8429	16.4435	(7.3994)	
2	Edmonton	Superior	21.1930	5.4357	26.6287	19.3837	(7.2450)	
3	Edmonton	Lockport	21.1930	11.6829	32.8759	26.8331	(6.0428)	
4	Edmonton	Mokena	21.1930	11.6829	32.8759	26.8331	(6.0428)	
5	Edmonton	Flanagan	21.1930	11.6829	32.8759	26.3782	(6.4977)	
6	Edmonton	Griffith	21.1930	11.6829	32.8759	26.8331	(6.0428)	
7	Edmonton	Stockbridge	21.1930	14.0428	35.2358	29.3604	(5.8754)	
8	Edmonton	Marysville	21.1930	14.0428	35.2358	29.3604	(5.8754)	
9	Edmonton	Sarnia	21.6899	13.7200	35.4099	29.7336	(5.6763)	
10	Edmonton	Nanticoke	23.6206	13.7200	37.3406	32.1271	(5.2135)	
11	Edmonton	West Seneca	23.4337	14.3854	37.8191	32.5040	(5.3151)	

1. Column (d) shows the Canadian Local Toll CER No. 458 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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 versus CER No. 459/ FERC No. 45.20.0
Effective: December 1, 2019

Light Crude Petroleum (LGT)							
Line No.	From	To	Canadian Local Toll per CER No. 458 ^{1,2}	US Local Rate per FERC No. 43.34.0	Total of Local Rates	IJT per CER No. 459/ FERC No. 45.20.0	Discount Resulting from Joint Rate
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Clearbrook	22.5299	2.6499	25.1798	17.3309	(7.8489)
2	Edmonton	Superior	22.5299	5.4357	27.9656	20.2755	(7.6901)
3	Edmonton	Lockport	22.5299	11.6829	34.2128	27.7351	(6.4777)
4	Edmonton	Mokena	22.5299	11.6829	34.2128	27.7351	(6.4777)
5	Edmonton	Flanagan	22.5299	11.6829	34.2128	27.2802	(6.9326)
6	Edmonton	Griffith	22.5299	11.6829	34.2128	27.7351	(6.4777)
7	Edmonton	Stockbridge	22.5299	14.0428	36.5727	30.2663	(6.3064)
8	Edmonton	Marysville	22.5299	14.0428	36.5727	30.2663	(6.3064)
9	Edmonton	Sarnia	23.0329	13.7200	36.7529	30.6481	(6.1048)
10	Edmonton	Nanticoke	25.1175	13.7200	38.8375	33.2329	(5.6046)
11	Edmonton	West Seneca	24.9467	14.3854	39.3321	33.6320	(5.7001)
12	Hardisty	Clearbrook	18.4854	2.6499	21.1353	14.0249	(7.1104)
13	Hardisty	Superior	18.4854	5.4357	23.9211	16.9694	(6.9517)
14	Hardisty	Lockport	18.4854	11.6829	30.1683	24.4293	(5.7390)
15	Hardisty	Mokena	18.4854	11.6829	30.1683	24.4293	(5.7390)
16	Hardisty	Flanagan	18.4854	11.6829	30.1683	23.9744	(6.1939)
17	Hardisty	Griffith	18.4854	11.6829	30.1683	24.4293	(5.7390)
18	Hardisty	Stockbridge	18.4854	14.0428	32.5282	26.9604	(5.5678)
19	Hardisty	Marysville	18.4854	14.0428	32.5282	26.9604	(5.5678)
20	Hardisty	Sarnia	18.9885	13.7200	32.7085	27.3423	(5.3662)
21	Hardisty	Nanticoke	21.0730	13.7200	34.7930	29.9267	(4.8663)
22	Hardisty	West Seneca	20.9022	14.3854	35.2876	30.3263	(4.9613)
23	Kerrobert	Clearbrook	15.9955	2.6499	18.6454	12.3339	(6.3115)
24	Kerrobert	Superior	15.9955	5.4357	21.4312	15.2784	(6.1528)
25	Kerrobert	Lockport	15.9955	11.6829	27.6784	22.7381	(4.9403)
26	Kerrobert	Mokena	15.9955	11.6829	27.6784	22.7381	(4.9403)
27	Kerrobert	Flanagan	15.9955	11.6829	27.6784	22.2832	(5.3952)
28	Kerrobert	Griffith	15.9955	11.6829	27.6784	22.7381	(4.9403)
29	Kerrobert	Stockbridge	15.9955	14.0428	30.0383	25.2693	(4.7690)
30	Kerrobert	Marysville	15.9955	14.0428	30.0383	25.2693	(4.7690)
31	Kerrobert	Sarnia	16.4986	13.7200	30.2186	25.6510	(4.5676)
32	Kerrobert	Nanticoke	18.5831	13.7200	32.3031	28.2356	(4.0675)
33	Kerrobert	West Seneca	18.4123	14.3854	32.7977	28.6350	(4.1627)
34	Regina	Clearbrook	11.0034	2.6499	13.6533	8.9423	(4.7110)
35	Regina	Superior	11.0034	5.4357	16.4391	11.8866	(4.5525)
36	Regina	Lockport	11.0034	11.6829	22.6863	19.3464	(3.3399)
37	Regina	Mokena	11.0034	11.6829	22.6863	19.3464	(3.3399)
38	Regina	Flanagan	11.0034	11.6829	22.6863	18.8915	(3.7948)
39	Regina	Griffith	11.0034	11.6829	22.6863	19.3464	(3.3399)
40	Regina	Stockbridge	11.0034	14.0428	25.0462	21.8777	(3.1685)
41	Regina	Marysville	11.0034	14.0428	25.0462	21.8777	(3.1685)
42	Regina	Sarnia	11.5065	13.7200	25.2265	22.2592	(2.9673)
43	Regina	Nanticoke	13.5910	13.7200	27.3110	24.8441	(2.4669)
44	Regina	West Seneca	13.4202	14.3854	27.8056	25.2433	(2.5623)
45	Cromer	Clearbrook	7.3997	2.6499	10.0496	6.4920	(3.5576)
46	Cromer	Superior	7.3997	5.4357	12.8354	9.4367	(3.3987)
47	Cromer	Lockport	7.3997	11.6829	19.0826	16.8965	(2.1861)
48	Cromer	Mokena	7.3997	11.6829	19.0826	16.8965	(2.1861)
49	Cromer	Flanagan	7.3997	11.6829	19.0826	16.4416	(2.6410)
50	Cromer	Griffith	7.3997	11.6829	19.0826	16.8965	(2.1861)
51	Cromer	Stockbridge	7.3997	14.0428	21.4425	19.4277	(2.0148)
52	Cromer	Marysville	7.3997	14.0428	21.4425	19.4277	(2.0148)
53	Cromer	Sarnia	7.9028	13.7200	21.6228	19.8090	(1.8138)
54	Cromer	Nanticoke	9.9873	13.7200	23.7073	22.3939	(1.3134)
55	Cromer	West Seneca	9.8165	14.3854	24.2019	22.7933	(1.4086)

1. Column (d) shows the Canadian Local Toll CER No. 458 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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 versus CER No. 459/FERC No. 45.20.0
Effective: December 1, 2019

Medium Crude Petroleum (MED)							
Line No.	From	To	Canadian Local Toll per CER No. 458 ^{1,2} (US\$/m3)	US Local Rate per FERC No. 43.34.0 (US\$/m3)	Total of Local Rates (US\$/m3)	IJT per CER No. 459/ FERC No. 45.20.0 (US\$/m3)	Discount Resulting from Joint Rate (US\$/m3)
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)
1	Edmonton	Clearbrook	24.0690	2.7982	26.8672	18.3656	(8.5016)
2	Edmonton	Superior	24.0690	5.7939	29.8629	21.5218	(8.3411)
3	Edmonton	Lockport	24.0690	12.5537	36.6227	29.4994	(7.1233)
4	Edmonton	Mokena	24.0690	12.5537	36.6227	29.4994	(7.1233)
5	Edmonton	Flanagan	24.0690	12.5537	36.6227	29.0445	(7.5782)
6	Edmonton	Griffith	24.0690	12.5537	36.6227	29.4994	(7.1233)
7	Edmonton	Stockbridge	24.0690	15.1022	39.1712	32.2213	(6.9499)
8	Edmonton	Marysville	24.0690	15.1022	39.1712	32.2213	(6.9499)
9	Edmonton	Sarnia	24.5806	14.7813	39.3619	32.6133	(6.7486)
10	Edmonton	Nanticoke	26.8159	14.7813	41.5972	35.3889	(6.2083)
11	Edmonton	West Seneca	26.6605	15.4737	42.1342	35.8373	(6.2969)
12	Hardisty	Clearbrook	19.8338	2.7982	22.6320	14.9351	(7.6969)
13	Hardisty	Superior	19.8338	5.7939	25.6277	18.0912	(7.5365)
14	Hardisty	Lockport	19.8338	12.5537	32.3875	26.0691	(6.3184)
15	Hardisty	Mokena	19.8338	12.5537	32.3875	26.0691	(6.3184)
16	Hardisty	Flanagan	19.8338	12.5537	32.3875	25.6142	(6.7733)
17	Hardisty	Griffith	19.8338	12.5537	32.3875	26.0691	(6.3184)
18	Hardisty	Stockbridge	19.8338	15.1022	34.9360	28.7910	(6.1450)
19	Hardisty	Marysville	19.8338	15.1022	34.9360	28.7910	(6.1450)
20	Hardisty	Sarnia	20.3453	14.7813	35.1266	29.1829	(5.9437)
20	Hardisty	Nanticoke	22.5806	14.7813	37.3619	31.9586	(5.4033)
21	Hardisty	West Seneca	22.4253	15.4737	37.8990	32.4073	(5.4917)
21	Cromer	Clearbrook	7.9051	2.7982	10.7033	6.8453	(3.8580)
22	Cromer	Superior	7.9051	5.7939	13.6990	10.0015	(3.6975)
23	Cromer	Lockport	7.9051	12.5537	20.4588	17.9790	(2.4798)
24	Cromer	Mokena	7.9051	12.5537	20.4588	17.9790	(2.4798)
25	Cromer	Flanagan	7.9051	12.5537	20.4588	17.5241	(2.9347)
26	Cromer	Griffith	7.9051	12.5537	20.4588	17.9790	(2.4798)
27	Cromer	Stockbridge	7.9051	15.1022	23.0073	20.7010	(2.3063)
28	Cromer	Marysville	7.9051	15.1022	23.0073	20.7010	(2.3063)
29	Cromer	Sarnia	8.4166	14.7813	23.1979	21.0926	(2.1053)
30	Cromer	Nanticoke	10.6519	14.7813	25.4332	23.8686	(1.5646)
31	Cromer	West Seneca	10.4965	15.4737	25.9702	24.3171	(1.6531)

1. Column (d) shows the Canadian Local Toll CER No. 458 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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 versus CER No. 459/FERC No. 45.20.0
Effective: December 1, 2019

Heavy Crude Petroleum (HVY)								
Line No.	From	To	Canadian Local Toll per CER No. 458 ^{1,2}	US Local Rate per FERC No. 43.34.0	Total of Local Rates	IJT per CER No. 459/ FERC No. 45.20.0	Discount Resulting from Joint Rate	
(a)	(b)	(c)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)	(US\$/m3)
(a)	(b)	(c)	(d)	(e)	(f) = (d) +(e)	(g)	(h) = (g) - (f)	
1	Edmonton	Clearbrook	26.7651	3.0600	29.8251	20.1780	(9.6471)	
2	Edmonton	Superior	26.7651	6.4192	33.1843	23.7016	(9.4827)	
3	Edmonton	Lockport	26.7651	14.0815	40.8466	32.5904	(8.2562)	
4	Edmonton	Mokena	26.7651	14.0815	40.8466	32.5904	(8.2562)	
5	Edmonton	Flanagan	26.7651	14.0815	40.8466	32.1355	(8.7111)	
6	Edmonton	Griffith	26.7651	14.0815	40.8466	32.5904	(8.2562)	
7	Edmonton	Stockbridge	26.7651	16.9620	43.7271	35.6468	(8.0803)	
8	Edmonton	Marysville	26.7651	16.9620	43.7271	35.6468	(8.0803)	
9	Edmonton	Sarnia	27.2881	16.6367	43.9248	36.0499	(7.8749)	
10	Edmonton	Nanticoke	29.7880	16.6367	46.4247	39.1603	(7.2644)	
11	Edmonton	West Seneca	29.6634	17.3772	47.0406	39.6963	(7.3443)	
11	Hardisty	Clearbrook	22.1983	3.0600	25.2583	16.5300	(8.7283)	
12	Hardisty	Superior	22.1983	6.4192	28.6175	20.0536	(8.5639)	
13	Hardisty	Lockport	22.1983	14.0815	36.2798	28.9423	(7.3375)	
14	Hardisty	Mokena	22.1983	14.0815	36.2798	28.9423	(7.3375)	
15	Hardisty	Flanagan	22.1983	14.0815	36.2798	28.4874	(7.7924)	
16	Hardisty	Griffith	22.1983	14.0815	36.2798	28.9423	(7.3375)	
17	Hardisty	Stockbridge	22.1983	16.9620	39.1603	31.9989	(7.1614)	
18	Hardisty	Marysville	22.1983	16.9620	39.1603	31.9989	(7.1614)	
19	Hardisty	Sarnia	22.7214	16.6367	39.3581	32.4022	(6.9559)	
20	Hardisty	Nanticoke	25.2213	16.6367	41.8580	35.5122	(6.3458)	
21	Hardisty	West Seneca	25.0967	17.3772	42.4739	36.0485	(6.4254)	
21	Kerrobert	Clearbrook	19.1915	3.0600	22.2515	14.4951	(7.7564)	
22	Kerrobert	Superior	19.1915	6.4192	25.6107	18.0186	(7.5921)	
23	Kerrobert	Lockport	19.1915	14.0815	33.2730	26.9074	(6.3656)	
24	Kerrobert	Mokena	19.1915	14.0815	33.2730	26.9074	(6.3656)	
25	Kerrobert	Flanagan	19.1915	14.0815	33.2730	26.4525	(6.8205)	
26	Kerrobert	Griffith	19.1915	14.0815	33.2730	26.9074	(6.3656)	
27	Kerrobert	Stockbridge	19.1915	16.9620	36.1535	29.9639	(6.1896)	
28	Kerrobert	Marysville	19.1915	16.9620	36.1535	29.9639	(6.1896)	
29	Kerrobert	Sarnia	19.7146	16.6367	36.3513	30.3669	(5.9844)	
30	Kerrobert	Nanticoke	22.2145	16.6367	38.8512	33.4772	(5.3740)	
31	Kerrobert	West Seneca	22.0899	17.3772	39.4671	34.0134	(5.4537)	
31	Regina	Clearbrook	13.1602	3.0600	16.2202	10.4134	(5.8068)	
32	Regina	Superior	13.1602	6.4192	19.5794	13.9369	(5.6425)	
33	Regina	Lockport	13.1602	14.0815	27.2417	22.8258	(4.4159)	
34	Regina	Mokena	13.1602	14.0815	27.2417	22.8258	(4.4159)	
35	Regina	Flanagan	13.1602	14.0815	27.2417	22.3709	(4.8708)	
36	Regina	Griffith	13.1602	14.0815	27.2417	22.8258	(4.4159)	
37	Regina	Stockbridge	13.1602	16.9620	30.1222	25.8825	(4.2397)	
38	Regina	Marysville	13.1602	16.9620	30.1222	25.8825	(4.2397)	
39	Regina	Sarnia	13.6833	16.6367	30.3200	26.2854	(4.0346)	
40	Regina	Nanticoke	16.1832	16.6367	32.8199	29.3958	(3.4241)	
41	Regina	West Seneca	16.0586	17.3772	33.4358	29.9317	(3.5041)	
41	Cromer	Clearbrook	8.7981	3.0600	11.8581	7.4651	(4.3930)	
42	Cromer	Superior	8.7981	6.4192	15.2173	10.9888	(4.2285)	
43	Cromer	Lockport	8.7981	14.0815	22.8796	19.8774	(3.0022)	
44	Cromer	Mokena	8.7981	14.0815	22.8796	19.8774	(3.0022)	
45	Cromer	Flanagan	8.7981	14.0815	22.8796	19.4225	(3.4571)	
46	Cromer	Griffith	8.7981	14.0815	22.8796	19.8774	(3.0022)	
47	Cromer	Stockbridge	8.7981	16.9620	25.7601	22.9340	(2.8261)	
48	Cromer	Marysville	8.7981	16.9620	25.7601	22.9340	(2.8261)	
49	Cromer	Sarnia	9.3212	16.6367	25.9579	23.3370	(2.6209)	
50	Cromer	Nanticoke	11.8211	16.6367	28.4578	26.4473	(2.0105)	
51	Cromer	West Seneca	11.6965	17.3772	29.0737	26.9833	(2.0904)	

1. Column (d) shows the Canadian Local Toll CER No. 458 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.