



ENBRIDGE PIPELINES INC.
([N] CANADIAN MAINLINE AND LINE 9)

IN CONNECTION WITH

ENBRIDGE ENERGY, LIMITED PARTNERSHIP
INTERNATIONAL JOINT RATE TARIFF

APPLYING ON
CRUDE PETROLEUM,
FROM

POINTS IN THE PROVINCES OF ALBERTA, SASKATCHEWAN, MANITOBA,

TO

NANTICOKE, ONTARIO AND MONTREAL, QUEBEC

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. **[W] 443-438** and No. **[W] 444-427**, and reissues thereof, on file with the NEB, for transportation in Canada.

Enbridge Energy, Limited Partnership FERC Tariff No. **[W] 41.16.0-41.15.0**, and reissues thereof for transportation within the United States.

[N] The rates listed in this tariff are payable in United States currency and are applicable on the international movement of Crude Petroleum tendered to Enbridge Pipelines Inc. at established receiving points in Canada for delivery to established delivery points in Canada.

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

ISSUED: May 30, 2019

EFFECTIVE: July 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. Rates shall be calculated as a percentage of the light petroleum transmission charge.

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 mm²/s up to and including 350 mm²/s will be classified as **Heavy Crude Petroleum**.

The following tables provide rates including Transmission and Terminalling Charges, the Abandonment Surcharges, and applicable surcharges. For further information on the applicable Tankage charges in Canada, refer to Enbridge Pipelines Inc.'s NEB Tariff No. [W] ~~448~~ 440, and Enbridge Pipelines Inc.'s NEB RT Tariff No. [W] ~~19-1 48-2~~. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s NEB Tariff Nos. [W] ~~448~~ 440 and [W] ~~449~~ 444, and Enbridge Energy, Limited Partnership's FERC Tariff No. [W] ~~41.16.0 41.15.0~~.

[I] All rates on this page have increased.

**INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER
LIGHT CRUDE PETROLEUM**

DELIVERY TO: NANTICOKE, ONTARIO

From Canadian Origination Point	Committed Rates
Edmonton Terminal, Alberta	31.5821
Hardisty Terminal, Alberta	28.3699
Kerrobert Station, Saskatchewan	26.7734
Regina Terminal, Saskatchewan	23.5715
Cromer Terminal, Manitoba	21.2583

**INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER
MEDIUM CRUDE PETROLEUM**

DELIVERY TO: NANTICOKE, ONTARIO

From Canadian Origination Point	Committed Rates
Edmonton Terminal, Alberta	33.7381
Hardisty Terminal, Alberta	30.4018
Cromer Terminal, Manitoba	22.7330

**INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER
HEAVY CRUDE PETROLEUM**

DELIVERY TO: NANTICOKE, ONTARIO

From Canadian Origination Point	Committed Rates
Edmonton Terminal, Alberta	37.5095
Hardisty Terminal, Alberta	33.9554
Kerrobert Station, Saskatchewan	32.0150
Regina Terminal, Saskatchewan	28.1232
Cromer Terminal, Manitoba	25.3117

[I] All rates on this page have increased.

**INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER
LIGHT CRUDE PETROLEUM**

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates¹	Uncommitted Rates
Edmonton Terminal, Alberta	39.1297	47.1835
Hardisty Terminal, Alberta	35.9124	43.6208
Kerrobert Station, Saskatchewan	34.1247	41.4447
Regina Terminal, Saskatchewan	30.6790	37.2510
Cromer Terminal, Manitoba	28.2260	34.2657

**INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER
MEDIUM CRUDE PETROLEUM**

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates¹	Uncommitted Rates
Edmonton Terminal, Alberta	41.8590	50.5359
Hardisty Terminal, Alberta	38.3818	46.6559
Cromer Terminal, Manitoba	30.1756	36.6658

**INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER
HEAVY CRUDE PETROLEUM**

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates¹	Uncommitted Rates
Edmonton Terminal, Alberta	46.4728	56.2045
Hardisty Terminal, Alberta	42.7355	52.0068
Kerrobert Station, Saskatchewan	40.6878	49.5131
Regina Terminal, Saskatchewan	36.5273	44.4461
Cromer Terminal, Manitoba	33.4247	40.6676

¹ If the aggregate volume of Crude Petroleum delivered to Montreal, Quebec by a Shipper is greater than 20,000 bpd and less than or equal to 150,000 bpd, the Committed Joint Transportation Rate would be charged, as applicable. All volumes of such Shipper delivered to Montreal, Quebec in excess of 150,000 bpd will be charged the Uncommitted Joint Transportation Rate, as applicable.

NOTES

Mainline Surcharges:

- 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. Movements to Nanticoke, Ontario incur both a receipt and delivery terminalling Abandonment Surcharge. Movements to Montreal, Quebec incur a receipt terminalling Abandonment Surcharge.
- b) **Edmonton Transportation Surcharge:** Pursuant to CTS Section 16.3, the transportation rates 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 rates 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 committed transportation rates for all commodity movements to Nanticoke, Ontario 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 rates 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 Committed transportation rates to Nanticoke, Ontario and Uncommitted transportation rates to Montreal, Quebec 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 rates for all commodity movements include a surcredit for refund of collections under the Enbridge mainline non-performance penalty, which is adjusted for distance only.

Line 9 Surcharges:

- a) **Line 9 RR Surcharge:** The transportation rates for all commodity movements to Montreal include a surcharge of **[W] \$1.2758** ~~\$1.1705~~ per cubic meter, which is subject to an annual true-up but not adjusted for the GDPP Index and also not adjusted for distance or commodity type.
- b) **Line 9 Second RR Surcharge:** The transportation rates for all commodity movements to Montreal include a surcredit of **[W] \$0.0802** ~~\$(0.0151)~~ per cubic meter, which is subject to an annual true-up but not adjusted for the GDPP Index and also not adjusted for distance or commodity type.

JOINT ROUTING

Receipt Points in the provinces of Alberta, Saskatchewan, Manitoba to delivery points in the province of Quebec.

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 Nече North Dakota, connecting to;

Enbridge Pipelines Inc. – International Border near Sarnia, Ontario to Nanticoke, Ontario or Montreal, Quebec.

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. [W] ~~41.16.0 41.15.0~~ Item 9 (h) and Line 9 Crude Petroleum Rules and Regulations NEB No. [W] ~~444 427~~ Item 9 (i), and clarification to Canadian Local Tolls Tariff NEB No. [W] ~~448 440~~.** 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 Crude Petroleum physically delivered to shippers at Nanticoke, Ontario and 3/20th of 1 percent of all Crude Petroleum physically delivered to shippers at Montreal, Quebec.
- b) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. [W] ~~41.16.0 41.15.0~~ Item 7 (a).** For the purposes of this international joint tariff, Enbridge Pipelines Inc. shall charge a shipper the rate for transportation of Crude Petroleum that is in effect on the date of delivery at the designated Regular Delivery Point for such Crude Petroleum.

SYMBOLS:

[N] – New

[W] – Change in wording only

[I] – Increase

**Uncommitted Line 9 IJT Joint Rate versus Combination of Local Rates for Light Crude Petroleum
Enbridge Pipelines Inc. and Enbridge Energy, LP International Joint Rates
NEB Tariff No. 448 + FERC Tariff No. 43.31.0 + NEB Tariff No. 450 versus NEB Tariff No. 451/FERC Tariff No. 1.13.0
Effective: July 1, 2019**

Line No.	From	To	Canadian Mainline Local Toll per NEB No. 448 (US\$/M ³)	Lakehead Local Rate per FERC 43.31.0 (US\$/M ³)	Line 9 Local Toll per NEB No. 450 (US\$/M ³)	Total of Local Rates (US\$/M ³)	Line 9 IJT per NEB No. 451/FERC No. 1.13.0 (US\$/M ³)	Discount Resulting from Joint Rate (US\$/M ³)
(a)	(b)	(c)	(d)	(e)	(f)	(g) = (d) + (e) + (f)	(h)	(i) = (h) - (g)
1	Edmonton	Montreal	16.1385	13.7412	18.0940	47.9737	47.1835	(0.7902)
2	Hardisty	Montreal	12.9919	13.7412	18.0940	44.8271	43.6208	(1.2063)
3	Kerrobert	Montreal	11.3489	13.7412	18.0940	43.1841	41.4447	(1.7394)
4	Regina	Montreal	8.0533	13.7412	18.0940	39.8885	37.2510	(2.6375)
5	Cromer	Montreal	5.6748	13.7412	18.0940	37.5100	34.2657	(3.2443)

**Uncommitted Line 9 IJT Joint Rate versus Combination of Local Rates for Medium Crude Petroleum
Enbridge Pipelines Inc. and Enbridge Energy, LP International Joint Rates
NEB Tariff No. 448 + FERC Tariff No. 43.31.0 + NEB Tariff No. 450 versus NEB Tariff No. 451/FERC Tariff No. 1.13.0
Effective: July 1, 2019**

Line No.	From	To	Canadian Mainline Local Toll per NEB No. 448 (US\$/M ³)	Lakehead Local Rate per FERC 43.31.0 (US\$/M ³)	Line 9 Local Toll per NEB No. 450 (US\$/M ³)	Total of Local Rates (US\$/M ³)	Line 9 IJT per NEB No. 451/FERC No. 1.13.0 (US\$/M ³)	Discount Resulting from Joint Rate (US\$/M ³)
(a)	(b)	(c)	(d)	(e)	(f)	(g) = (d) + (e) + (f)	(h)	(i) = (h) - (g)
1	Edmonton	Montreal	17.1985	14.8042	19.3933	51.3960	50.5359	(0.8601)
2	Hardisty	Montreal	13.9215	14.8042	19.3933	48.1190	46.6559	(1.4631)
3	Cromer	Montreal	6.0281	14.8042	19.3933	40.2256	36.6658	(3.5598)

**Uncommitted Line 9 IJT Joint Rate versus Combination of Local Rates for Heavy Crude Petroleum
Enbridge Pipelines Inc. and Enbridge Energy, LP International Joint Rates
NEB Tariff No. 448 + FERC Tariff No. 43.31.0 + NEB Tariff No. 450 versus NEB Tariff No. 451/FERC Tariff No. 1.13.0
Effective: July 1, 2019**

Line No.	From	To	Canadian Mainline Local Toll per NEB No. 448 (US\$/M ³)	Lakehead Local Rate per FERC 43.31.0 (US\$/M ³)	Line 9 Local Toll per NEB No. 450 (US\$/M ³)	Total of Local Rates (US\$/M ³)	Line 9 IJT per NEB No. 451/FERC No. 1.13.0 (US\$/M ³)	Discount Resulting from Joint Rate (US\$/M ³)
(a)	(b)	(c)	(d)	(e)	(f)	(g) = (d) + (e) + (f)	(h)	(i) = (h) - (g)
1	Edmonton	Montreal	19.0511	16.6626	21.7371	57.4508	56.2045	(1.2463)
2	Hardisty	Montreal	15.5474	16.6626	21.7371	53.9471	52.0068	(3.6753)
3	Kerrobert	Montreal	13.5511	16.6626	21.7371	51.9508	49.5131	(2.4377)
4	Regina	Montreal	9.5459	16.6626	21.7371	47.9456	44.4461	(3.4995)
5	Cromer	Montreal	6.6489	16.6626	21.7371	45.0486	40.6676	(4.3810)

Notes

- Column (d) shows the Canadian Local Toll NEB No. 448 converted into United States currency from Canadian currency using a factor of \$1.35 CAD per \$1.00 USD.
- The comparison of the IJT Joint Rate versus the total of local rates for deliveries to Nanticoke is shown in Appendix A to FERC 45.17.0.