



ENBRIDGE PIPELINES INC. (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. 443 and No. 444, and reissues thereof, on file with the Canada Energy Regulator (CER), for transportation in Canada.

Enbridge Energy, Limited Partnership FERC Tariff No. 41.16.0, 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 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: November 29, 2019

EFFECTIVE: January 1, 2020

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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 CER Tariff No. [W] 458 454, and Enbridge Pipelines Inc.'s CER RT Tariff No. [W] 19-2 49-4. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff Nos. [W] 458 454 and [W] 460 455, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.16.0.

[D] All rates on this page have decreased.

**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	32.9796
Hardisty Terminal, Alberta	29.6734
Kerrobert Station, Saskatchewan	27.9823
Regina Terminal, Saskatchewan	24.5907
Cromer Terminal, Manitoba	22.1404

**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	35.1154
Hardisty Terminal, Alberta	31.6850
Cromer Terminal, Manitoba	23.5948

**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	38.8513
Hardisty Terminal, Alberta	35.2032
Kerrobert Station, Saskatchewan	33.1681
Regina Terminal, Saskatchewan	29.0866
Cromer Terminal, Manitoba	26.1381

[U] All rates on this page are unchanged.

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

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates¹	Uncommitted Rates²
Edmonton Terminal, Alberta	39.1297	47.7382
Hardisty Terminal, Alberta	35.9124	43.8131
Kerrobert Station, Saskatchewan	34.1247	41.6321
Regina Terminal, Saskatchewan	30.6790	37.4284
Cromer Terminal, Manitoba	28.2260	34.4357

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

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates¹	Uncommitted Rates²
Edmonton Terminal, Alberta	41.8590	51.0680
Hardisty Terminal, Alberta	38.3818	46.8258
Cromer Terminal, Manitoba	30.1756	36.8142

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

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates¹	Uncommitted Rates²
Edmonton Terminal, Alberta	46.4728	56.6968
Hardisty Terminal, Alberta	42.7355	52.1373
Kerrobert Station, Saskatchewan	40.6878	49.6391
Regina Terminal, Saskatchewan	36.5273	44.5633
Cromer Terminal, Manitoba	33.4247	40.7781

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.

² The Uncommitted Joint Transportation Rates for light, medium and heavy movements from Canadian origination points to Montreal, Quebec are capped at 122% of their respective Committed Joint Transportation Rates for the same movements.

NOTES

[N] Enbridge 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 and the uncommitted transportation rates to Montreal, Quebec 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) **Interim Line 3 Replacement Service:** Pursuant to CTS Section 13.1(c), the Committed transportation rates to Nanticoke, Ontario and Uncommitted transportation rates to Montreal, Quebec include a transmission surcharge which is adjusted for distance only.
- h) **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 [U] \$1.2758 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 [U] \$0.0802 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 Neche 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. 41.16.0 Item 9 (h) and Line 9 Crude Petroleum Rules and Regulations NEB No. 444 Item 9 (i), and clarification to Canadian Local Tolls Tariff CER No. [W] 458 454.** 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. 41.16.0 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:

[D] – Decrease

[N] – New

[U] – Unchanged rate

[W] – Change in wording only

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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 + NEB Tariff No. 450 versus CER Tariff No. 461/FERC Tariff No. 1.15.0
Effective: January 1, 2020

Line No.	From	To	Canadian Mainline Local Toll per CER No. 458 ¹ (US\$/M ³)	Lakehead Local Rate per FERC 43.34.0 (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 CER No. 461/FERC No. 1.15.0 (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	23.0329	13.7200	18.0940	54.8469	47.7382	(7.1087)
2	Hardisty	Montreal	18.9885	13.7200	18.0940	50.8025	43.8131	(6.9893)
3	Kerrobert	Montreal	16.4986	13.7200	18.0940	48.3126	41.6321	(6.6804)
4	Regina	Montreal	11.5065	13.7200	18.0940	43.3205	37.4284	(5.8921)
5	Cromer	Montreal	7.9028	13.7200	18.0940	39.7168	34.4357	(5.2810)

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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 + NEB Tariff No. 450 versus CER Tariff No. 461/FERC Tariff No. 1.15.0
Effective: January 1, 2020

Line No.	From	To	Canadian Mainline Local Toll per CER No. 458 ¹ (US\$/M ³)	Lakehead Local Rate per FERC 43.34.0 (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 CER No. 461/FERC No. 1.15.0 (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	24.5806	14.7813	19.3933	58.7552	51.0680	(7.6872)
2	Hardisty	Montreal	20.3453	14.7813	19.3933	54.5199	46.8258	(7.6941)
3	Cromer	Montreal	8.4166	14.7813	19.3933	42.5912	36.8142	(5.7770)

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
CER Tariff No. 458 + FERC Tariff No. 43.34.0 + NEB Tariff No. 450 versus CER Tariff No. 461/FERC Tariff No. 1.15.0
Effective: January 1, 2020

Line No.	From	To	Canadian Mainline Local Toll per CER No. 458 ¹ (US\$/M ³)	Lakehead Local Rate per FERC 43.34.0 (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 CER No. 461/FERC No. 1.15.0 (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	27.2881	16.6367	21.7371	65.6619	56.6968	(8.9651)
2	Hardisty	Montreal	22.7214	16.6367	21.7371	61.0952	52.1373	(8.9579)
3	Kerrobert	Montreal	19.7146	16.6367	21.7371	58.0884	49.6391	(8.4493)
4	Regina	Montreal	13.6833	16.6367	21.7371	52.0571	44.5633	(7.4938)
5	Cromer	Montreal	9.3212	16.6367	21.7371	47.6950	40.7781	(6.9168)

Notes

- Column (d) shows the Canadian Local Toll CER No. 458 converted into United States currency from Canadian currency using a factor of \$1.30 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 45.21.0.