



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 **[W]** Canada Energy Regulator (CER) ~~NEB~~, 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: October 30, 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. 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 [W] CER NEB Tariff No. [W] 454 448, and Enbridge Pipelines Inc.'s [W] CER NEB RT Tariff No. 19-1. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s [W] CER NEB Tariff Nos. [W] 454 448 and [W] 455 449, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.16.0.

[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	33.2329
Hardisty Terminal, Alberta	29.9267
Kerrobert Station, Saskatchewan	28.2356
Regina Terminal, Saskatchewan	24.8441
Cromer Terminal, Manitoba	22.3939

**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	35.3889
Hardisty Terminal, Alberta	31.9586
Cromer Terminal, Manitoba	23.8686

**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	39.1603
Hardisty Terminal, Alberta	35.5122
Kerrobert Station, Saskatchewan	33.4772
Regina Terminal, Saskatchewan	29.3958
Cromer Terminal, Manitoba	26.4473

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

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

DELIVERY TO: MONTREAL, QUEBEC

From Canadian Origination Point	Committed Rates ¹	Uncommitted Rates ²
Edmonton Terminal, Alberta	[U] 39.1297	47.7382
Hardisty Terminal, Alberta	[U] 35.9124	43.8131
Kerrobert Station, Saskatchewan	[U] 34.1247	41.6321
Regina Terminal, Saskatchewan	[U] 30.6790	37.4284
Cromer Terminal, Manitoba	[U] 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 Rates ¹	Uncommitted Rates ²
Edmonton Terminal, Alberta	[U] 41.8590	51.0680
Hardisty Terminal, Alberta	[U] 38.3818	46.8258
Cromer Terminal, Manitoba	[U] 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 Rates ¹	Uncommitted Rates ²
Edmonton Terminal, Alberta	[U] 46.4728	56.6968
Hardisty Terminal, Alberta	[U] 42.7355	52.1373
Kerrobert Station, Saskatchewan	[U] 40.6878	49.6391
Regina Terminal, Saskatchewan	[U] 36.5273	44.5633
Cromer Terminal, Manitoba	[U] 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.

[N] 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

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 **[N]** 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) **[N] 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 \$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 \$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 [W] CER NEB No. [W] 454 448.** 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:

[I] – Increase

[N] – New

[U] – Unchanged rate

[W] – Change in wording only

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER														
Committed Rates														
TO	FROM	COMMODITY	Toll (\$/m3)											
			NEB No. 451 FERC No. 1.13.0 Transmission & Terminalling	CTS Section 20.1 (i) Surcharge	Abandonment Surcharge	Edmonton Transportation Surcharge	Phase 1 Southern Access Expansion Surcharge	Interim Lakehead Operational Tank Surcharge	Line 78 (Line 62) Surcharge	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	RR Surcharge	Second RR Surcharge	Total NEB No. 457 & FERC No. 1.14.0
			(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)=(A)+(B)+(C)+ (D)+(E)+(F)+(G)+ (H)+(I)+(J)+(K)
Nanticoke, Ontario	Edmonton, Alberta		28.6621	0.2868	0.2961	1.6245	0.1950	0.0650	0.4549	1.6508	(0.0023)	-	-	33.2329
	Hardisty, Alberta		27.1099	0.2845	0.2627	-	0.1950	0.0650	0.4549	1.5568	(0.0021)	-	-	29.9267
	Kerrobert, Saskatchewan	LGT	25.5491	0.2821	0.2291	-	0.1950	0.0650	0.4549	1.4622	(0.0018)	-	-	28.2356
	Regina, Saskatchewan		22.4187	0.2774	0.1618	-	0.1950	0.0650	0.4549	1.2726	(0.0013)	-	-	24.8441
	Cromer, Manitoba		20.1570	0.2741	0.1132	-	0.1950	0.0650	0.4549	1.1356	(0.0009)	-	-	22.3939
	Edmonton, Alberta		30.7952	0.3097	0.2961	1.6245	0.1950	0.0650	0.4549	1.6508	(0.0023)	-	-	35.3889
	Hardisty, Alberta	MED	29.1190	0.3073	0.2627	-	0.1950	0.0650	0.4549	1.5568	(0.0021)	-	-	31.9586
	Cromer, Manitoba		21.6097	0.2961	0.1132	-	0.1950	0.0650	0.4549	1.1356	(0.0009)	-	-	23.8686
	Edmonton, Alberta		34.5264	0.3499	0.2961	1.6245	0.1950	0.0650	0.4549	1.6508	(0.0023)	-	-	39.1603
	Hardisty, Alberta		32.6329	0.3470	0.2627	-	0.1950	0.0650	0.4549	1.5568	(0.0021)	-	-	35.5122
	Kerrobert, Saskatchewan	HVY	30.7286	0.3442	0.2291	-	0.1950	0.0650	0.4549	1.4622	(0.0018)	-	-	33.4772
	Regina, Saskatchewan		26.9092	0.3386	0.1618	-	0.1950	0.0650	0.4549	1.2726	(0.0013)	-	-	29.3958
Cromer, Manitoba		24.1502	0.3343	0.1132	-	0.1950	0.0650	0.4549	1.1356	(0.0009)	-	-	26.4473	
Montreal, Quebec	Edmonton, Alberta		35.0253	-	0.4759	1.6245	0.1950	-	0.4549	-	(0.0019)	1.2758	0.0802	39.1297
	Hardisty, Alberta		33.4657	-	0.4425	-	0.1950	-	0.4549	-	(0.0017)	1.2758	0.0802	35.9124
	Kerrobert, Saskatchewan	LGT	31.7113	-	0.4089	-	0.1950	-	0.4549	-	(0.0014)	1.2758	0.0802	34.1247
	Regina, Saskatchewan		28.3323	-	0.3416	-	0.1950	-	0.4549	-	(0.0008)	1.2758	0.0802	30.6790
	Cromer, Manitoba		25.9277	-	0.2929	-	0.1950	-	0.4549	-	(0.0005)	1.2758	0.0802	28.2260
	Edmonton, Alberta		37.7546	-	0.4759	1.6245	0.1950	-	0.4549	-	(0.0019)	1.2758	0.0802	41.8590
	Hardisty, Alberta	MED	35.9351	-	0.4425	-	0.1950	-	0.4549	-	(0.0017)	1.2758	0.0802	38.3818
	Cromer, Manitoba		27.8773	-	0.2929	-	0.1950	-	0.4549	-	(0.0005)	1.2758	0.0802	30.1756
	Edmonton, Alberta		42.3684	-	0.4759	1.6245	0.1950	-	0.4549	-	(0.0019)	1.2758	0.0802	46.4728
	Hardisty, Alberta		40.2888	-	0.4425	-	0.1950	-	0.4549	-	(0.0017)	1.2758	0.0802	42.7355
	Kerrobert, Saskatchewan	HVY	38.2744	-	0.4089	-	0.1950	-	0.4549	-	(0.0014)	1.2758	0.0802	40.6878
	Regina, Saskatchewan		34.1806	-	0.3416	-	0.1950	-	0.4549	-	(0.0008)	1.2758	0.0802	36.5273
Cromer, Manitoba		31.1264	-	0.2929	-	0.1950	-	0.4549	-	(0.0005)	1.2758	0.0802	33.4247	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER																
Uncommitted Rates																
TO	FROM	COMMODITY	Toll (\$/m3)													
			NEB No. 451 FERC No. 1.13.0 Transmission & Terminalling	CTS Section 20.1 (i) Surcharge	Abandonment Surcharge	Edmonton Transportation Surcharge	Phase 1 Southern Access Expansion Surcharge	Interim Lakehead Operational Tank Surcharge	Line 78 (Line 62) Surcharge	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	RR Surcharge	Second RR Surcharge	Total	Discount to 122% of Committed Toll ¹	NEB No. 457 & FERC No. 1.14.0
			(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)=(A)+(B)+(C)+ (D)+(E)+(F)+(G)+ (H)+(I)+(J)+(K)	(M)	(N) = (L) - (M)
Montreal, Quebec	Edmonton, Alberta		42.7309	0.2832	0.4759	1.6245	0.1950	0.0650	0.4549	1.5063	(0.0019)	1.2758	0.0802	48.6898	0.9516	47.7382
	Hardisty, Alberta		40.8282	0.2809	0.4425	-	0.1950	0.0650	0.4549	1.4123	(0.0017)	1.2758	0.0802	45.0331	1.2200	43.8131
	Kerrobert, Saskatchewan	LGT	38.6877	0.2786	0.4089	-	0.1950	0.0650	0.4549	1.3177	(0.0014)	1.2758	0.0802	42.7624	1.1303	41.6321
	Regina, Saskatchewan		34.5654	0.2739	0.3416	-	0.1950	0.0650	0.4549	1.1280	(0.0008)	1.2758	0.0802	38.3790	0.9506	37.4284
	Cromer, Manitoba		31.6319	0.2705	0.2929	-	0.1950	0.0650	0.4549	0.9910	(0.0005)	1.2758	0.0802	35.2567	0.8210	34.4357
	Edmonton, Alberta		46.0606	0.3059	0.4759	1.6245	0.1950	0.0650	0.4549	1.5063	(0.0019)	1.2758	0.0802	52.0422	0.9742	51.0680
	Hardisty, Alberta	MED	43.8408	0.3034	0.4425	-	0.1950	0.0650	0.4549	1.4123	(0.0017)	1.2758	0.0802	48.0682	1.2424	46.8258
	Cromer, Manitoba		34.0103	0.2922	0.2929	-	0.1950	0.0650	0.4549	0.9910	(0.0005)	1.2758	0.0802	37.6568	0.8426	36.8142
	Edmonton, Alberta		51.6895	0.3456	0.4759	1.6245	0.1950	0.0650	0.4549	1.5063	(0.0019)	1.2758	0.0802	57.7108	1.0140	56.6968
	Hardisty, Alberta		49.1523	0.3428	0.4425	-	0.1950	0.0650	0.4549	1.4123	(0.0017)	1.2758	0.0802	53.4191	1.2818	52.1373
	Kerrobert, Saskatchewan	HVY	46.6948	0.3399	0.4089	-	0.1950	0.0650	0.4549	1.3177	(0.0014)	1.2758	0.0802	50.8308	1.1917	49.6391
	Regina, Saskatchewan		41.7003	0.3341	0.3416	-	0.1950	0.0650	0.4549	1.1280	(0.0008)	1.2758	0.0802	45.5741	1.0108	44.5633
	Cromer, Manitoba		37.9742	0.3301	0.2929	-	0.1950	0.0650	0.4549	0.9910	(0.0005)	1.2758	0.0802	41.6586	0.8805	40.7781

Notes

1. 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.