



**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

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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.

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**[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.

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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: 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/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 mm<sup>2</sup>/s 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, 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**

<b>From Canadian Origination Point</b>	<b>Committed Rates</b>
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**

<b>From Canadian Origination Point</b>	<b>Committed Rates</b>
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**

<b>From Canadian Origination Point</b>	<b>Committed Rates</b>
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**

<b>From Canadian Origination Point</b>	<b>Committed Rates<sup>1</sup></b>	<b>Uncommitted Rates</b>
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**

<b>From Canadian Origination Point</b>	<b>Committed Rates<sup>1</sup></b>	<b>Uncommitted Rates</b>
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**

<b>From Canadian Origination Point</b>	<b>Committed Rates<sup>1</sup></b>	<b>Uncommitted Rates</b>
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

<sup>1</sup> 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 1/10<sup>th</sup> of 1 percent of all Crude Petroleum physically delivered to shippers at Nanticoke, Ontario and 3/20<sup>th</sup> 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

Enbridge Pipelines Inc.  
Line 9 UT Joint Transportation Rates  
Worksheet Supporting NEB Tariff No. 451 and FERC Tariff No. 1.13.0  
Effective: July 01, 2019

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER															
Committed Rates															
TO	FROM	COMMODITY	Transmission & Terminalling From NEB No. 442 FERC No. 1.12.0	Adjusted Transmission & Terminalling	CTS Section 20.1 (I) Surcharge	Abandonment Surcharge	Edmonton Transportation Surcharge	Phase 1 Southern Access Expansion Surcharge	Interim Lakehead Operation Tank Surcharge	Line 78 (Line 62) Surcharge	Line 61 Twin Surcharge	Non- Performance Penalty Credit	RR Surcharge	Second RR Surcharge	Total NEB No. 451 & FERC No. 1.13.0
			(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)=(B)+(C)+(D)+ (E)+(F)+(G)+(H)+ (I)+(J)+(K)	
Nanticoke, Ontario	Edmonton, Alberta		28.2220	28.6621	0.2868	0.2961	1.6245	0.1950	0.0650	0.4549	-	(0.0023)	-	-	31.5821
	Hardisty, Alberta		26.6936	27.1099	0.2845	0.2627	-	0.1950	0.0650	0.4549	-	(0.0021)	-	-	28.3699
	Kerrobert, Saskatchewan	LGT	25.1568	25.5491	0.2821	0.2291	-	0.1950	0.0650	0.4549	-	(0.0018)	-	-	26.7734
	Regina, Saskatchewan		22.0744	22.4187	0.2774	0.1618	-	0.1950	0.0650	0.4549	-	(0.0013)	-	-	23.5715
	Cromer, Manitoba		19.8475	20.1570	0.2741	0.1132	-	0.1950	0.0650	0.4549	-	(0.0009)	-	-	21.2583
	Edmonton, Alberta		30.3223	30.7952	0.3067	0.2961	1.6245	0.1950	0.0650	0.4549	-	(0.0023)	-	-	33.7381
	Hardisty, Alberta	MED	28.6718	29.1190	0.3073	0.2627	-	0.1950	0.0650	0.4549	-	(0.0021)	-	-	30.4018
	Cromer, Manitoba		21.2779	21.6097	0.2961	0.1132	-	0.1950	0.0650	0.4549	-	(0.0009)	-	-	22.7330
	Edmonton, Alberta		33.9962	34.5264	0.3499	0.2961	1.6245	0.1950	0.0650	0.4549	-	(0.0023)	-	-	37.5095
	Hardisty, Alberta		32.1318	32.6329	0.3470	0.2627	-	0.1950	0.0650	0.4549	-	(0.0021)	-	-	33.9554
	Kerrobert, Saskatchewan	HVY	30.2567	30.7286	0.3442	0.2291	-	0.1950	0.0650	0.4549	-	(0.0018)	-	-	32.0150
	Regina, Saskatchewan		26.4960	26.9092	0.3386	0.1618	-	0.1950	0.0650	0.4549	-	(0.0013)	-	-	28.1232
	Cromer, Manitoba		23.7793	24.1502	0.3343	0.1132	-	0.1950	0.0650	0.4549	-	(0.0009)	-	-	25.3117
	Montreal, Quebec	Edmonton, Alberta		34.4875	35.0253	-	0.4759	1.6245	0.1950	-	0.4549	-	(0.0019)	1.2758	0.0802
Hardisty, Alberta			32.9518	33.4657	-	0.4425	-	0.1950	-	0.4549	-	(0.0017)	1.2758	0.0802	35.9124
Kerrobert, Saskatchewan		LGT	31.2243	31.7113	-	0.4089	-	0.1950	-	0.4549	-	(0.0014)	1.2758	0.0802	34.1247
Regina, Saskatchewan			27.8972	28.3323	-	0.3416	-	0.1950	-	0.4549	-	(0.0008)	1.2758	0.0802	30.6790
Cromer, Manitoba			25.5296	25.9277	-	0.2929	-	0.1950	-	0.4549	-	(0.0005)	1.2758	0.0802	28.2260
Edmonton, Alberta			37.1748	37.7546	-	0.4759	1.6245	0.1950	-	0.4549	-	(0.0019)	1.2758	0.0802	41.8590
Hardisty, Alberta		MED	35.3833	35.9351	-	0.4425	-	0.1950	-	0.4549	-	(0.0017)	1.2758	0.0802	38.3818
Cromer, Manitoba			27.4492	27.8773	-	0.2929	-	0.1950	-	0.4549	-	(0.0005)	1.2758	0.0802	30.1756
Edmonton, Alberta			41.7178	42.3684	-	0.4759	1.6245	0.1950	-	0.4549	-	(0.0019)	1.2758	0.0802	46.4728
Hardisty, Alberta			39.6701	40.2888	-	0.4425	-	0.1950	-	0.4549	-	(0.0017)	1.2758	0.0802	42.7355
Kerrobert, Saskatchewan		HVY	37.6867	38.2744	-	0.4089	-	0.1950	-	0.4549	-	(0.0014)	1.2758	0.0802	40.6878
Regina, Saskatchewan			33.6557	34.1806	-	0.3416	-	0.1950	-	0.4549	-	(0.0008)	1.2758	0.0802	36.5273
Cromer, Manitoba			30.6484	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	Transmission & Terminalling From NEB No. 442 FERC No. 1.12.0	Adjusted Transmission & Terminalling	CTS Section 20.1 (I) Surcharge	Abandonment Surcharge	Edmonton Transportation Surcharge	Phase 1 Southern Access Expansion Surcharge	Interim Lakehead Operation Tank Surcharge	Line 78 (Line 62) Surcharge	Line 61 Twin Surcharge	Non- Performance Penalty Credit	RR Surcharge	Second RR Surcharge	Total NEB No. 451 & FERC No. 1.13.0
			(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)=(B)+(C)+(D)+ (E)+(F)+(G)+(H)+ (I)+(J)+(K)	
Montreal, Quebec	Edmonton, Alberta		42.0747	42.7309	0.2832	0.4759	1.6245	0.1950	0.0650	0.4549	-	(0.0019)	1.2758	0.0802	47.1835
	Hardisty, Alberta		40.2012	40.8282	0.2809	0.4425	-	0.1950	0.0650	0.4549	-	(0.0017)	1.2758	0.0802	43.6208
	Kerrobert, Saskatchewan	LGT	38.0936	38.6877	0.2786	0.4089	-	0.1950	0.0650	0.4549	-	(0.0014)	1.2758	0.0802	41.4447
	Regina, Saskatchewan		34.0345	34.5654	0.2739	0.3416	-	0.1950	0.0650	0.4549	-	(0.0008)	1.2758	0.0802	37.2510
	Cromer, Manitoba		31.1462	31.6319	0.2705	0.2929	-	0.1950	0.0650	0.4549	-	(0.0005)	1.2758	0.0802	34.2657
	Edmonton, Alberta		45.3533	46.0606	0.3059	0.4759	1.6245	0.1950	0.0650	0.4549	-	(0.0019)	1.2758	0.0802	50.5359
	Hardisty, Alberta	MED	43.1676	43.8408	0.3034	0.4425	-	0.1950	0.0650	0.4549	-	(0.0017)	1.2758	0.0802	46.6559
	Cromer, Manitoba		33.4880	34.0103	0.2922	0.2929	-	0.1950	0.0650	0.4549	-	(0.0005)	1.2758	0.0802	36.6658
	Edmonton, Alberta		50.8957	51.6895	0.3456	0.4759	1.6245	0.1950	0.0650	0.4549	-	(0.0019)	1.2758	0.0802	56.2045
	Hardisty, Alberta		48.3975	49.1523	0.3428	0.4425	-	0.1950	0.0650	0.4549	-	(0.0017)	1.2758	0.0802	52.0068
	Kerrobert, Saskatchewan	HVY	45.9778	46.6948	0.3399	0.4089	-	0.1950	0.0650	0.4549	-	(0.0014)	1.2758	0.0802	49.5131
	Regina, Saskatchewan		41.0600	41.7003	0.3341	0.3416	-	0.1950	0.0650	0.4549	-	(0.0008)	1.2758	0.0802	44.4461
	Cromer, Manitoba		37.3911	37.9742	0.3301	0.2929	-	0.1950	0.0650	0.4549	-	(0.0005)	1.2758	0.0802	40.6676

<sup>1</sup> Adjusted by 75% of GDPP Index of 2.0794%