

**NEB No. 436**  
Cancels NEB No. 433

**FERC No. 45.15.1**  
**(Issued in lieu of FERC No. 45.15.0)**  
Cancels FERC No. 45.14.0



**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

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

Enbridge Pipelines Inc., NEB (National Energy Board) Tariffs Nos. 418, 389 and 417 and reissues thereof, on file with the National Energy Board, for transportation within Canada.

Enbridge Energy, Limited Partnership FERC Tariff Nos. [W] 41.14.0 ~~41.13.0~~ and 42.5.0, and reissues thereof, for transportation within the United States.

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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: June 14, 2018**

**EFFECTIVE: July 1, 2018**

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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 delivery points in the United States and Canada.

## **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/m<sup>3</sup>) and a viscosity of up to but not including 0.4 square millimeters per second (mm<sup>2</sup>/s) will be classified as **Natural Gas Liquids**.

**CONDENSATES (CND)** – A commodity having a density from 600 kg/ m<sup>3</sup> up to but not including 800 kg/ m<sup>3</sup> and a viscosity of 0.4 mm<sup>2</sup>/s up to but not including 2 mm<sup>2</sup>/s will be classified as **Condensates**.

**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 up to and including 350 mm<sup>2</sup>/s will be classified as **Heavy Crude Petroleum**.

[I] All rates on this page have increased

**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		15.4506	16.3273	17.3487	19.1377
	Superior, Wisconsin	17.4173	18.2204	19.1046	20.3375	22.4940
	Lockport, Illinois		25.2471	26.1488	27.8996	30.9665
	Mokena, Illinois		25.2471	26.1488	27.8996	30.9665
	Flanagan, Illinois		24.7992	25.7009	27.4517	30.5186
	Griffith, Indiana		25.2471	26.1488	27.8996	30.9665
	Stockbridge, Michigan		27.6226	28.5309	30.4722	33.8734
	Rapid River, Michigan	21.2844				
	Marysville, Michigan		27.6226	28.5309	30.4722	33.8734
	Corunna or Sarnia Terminal, Ontario	26.3800	27.9838	28.9005	30.8519	34.2641
	Nanticoke, Ontario		30.2000	31.3050	33.4445	37.1865
	West Seneca, New York		30.5380	31.6658	33.8541	37.6830
Hardisty Terminal, Alberta	Clearbrook, Minnesota			13.1634	14.0622	15.6369
	Superior, Wisconsin			15.9407	17.0510	18.9933
	Lockport, Illinois			22.9851	24.6132	27.4656
	Mokena, Illinois			22.9851	24.6132	27.4656
	Flanagan, Illinois			22.5372	24.1653	27.0177
	Griffith, Indiana			22.9851	24.6132	27.4656
	Stockbridge, Michigan			25.3671	27.1859	30.3727
	Rapid River, Michigan					
	Marysville, Michigan			25.3671	27.1859	30.3727
	Corunna or Sarnia Terminal, Ontario			25.7369	27.5655	30.7637
	Nanticoke, Ontario			28.1410	30.1580	33.6858
	West Seneca, New York			28.5022	30.5679	34.1824

[I] All rates on this page have increased

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER						
FROM	TO	RATE				
		NGL	CND	LIGHT	MEDIUM	HEAVY
Kerrobot Station, Saskatchewan	Clearbrook, Minnesota			11.5903		13.7251
	Superior, Wisconsin	12.9873		14.3676		17.0814
	Lockport, Illinois			21.4119		25.5539
	Mokena, Illinois			21.4119		25.5539
	Flanagan, Illinois			20.9640		25.1060
	Griffith, Indiana			21.4119		25.5539
	Stockbridge, Michigan			23.7939		28.4608
	Rapid River, Michigan	16.8545				
	Marysville, Michigan			23.7939		28.4608
	Corunna or Sarnia Terminal, Ontario	21.9500		24.1635		28.8514
	Nanticoke, Ontario			26.5679		31.7737
	West Seneca, New York			26.9288		32.2703
Regina Terminal, Saskatchewan	Clearbrook, Minnesota			8.4351		9.8902
	Superior, Wisconsin			11.2122		13.2465
	Lockport, Illinois			18.2566		21.7191
	Mokena, Illinois			18.2566		21.7191
	Flanagan, Illinois			17.8087		21.2712
	Griffith, Indiana			18.2566		21.7191
	Stockbridge, Michigan			20.6388		24.6262
	Rapid River, Michigan					
	Marysville, Michigan			20.6388		24.6262
	Corunna or Sarnia Terminal, Ontario			21.0083		25.0169
	Nanticoke, Ontario			23.4130		27.9391
	West Seneca, New York			23.7738		28.4355
Cromer Terminal, Manitoba	Clearbrook, Minnesota			6.1558	6.5060	7.1202
	Superior, Wisconsin	8.0848		8.9333	9.4949	10.4766
	Lockport, Illinois			15.9777	17.0568	18.9489
	Mokena, Illinois			15.9777	17.0568	18.9489
	Flanagan, Illinois			15.5298	16.6089	18.5010
	Griffith, Indiana			15.9777	17.0568	18.9489
	Stockbridge, Michigan			18.3597	19.6295	21.8560
	Rapid River, Michigan	11.9521				
	Marysville, Michigan			18.3597	19.6295	21.8560
	Corunna or Sarnia Terminal, Ontario	17.0477		18.7291	20.0089	22.2466
	Nanticoke, Ontario			21.1337	22.6018	25.1689
	West Seneca, New York			21.4946	23.0113	25.6654

The [W] ~~above following~~ tables provide rates including Transmission [N] ~~and Terminalling Charges, [C] Commodity Transmission Surcharges, Terminalling Charges, the CTS 20.1 surcharge,~~ [N] ~~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, and the Line 61 Twin Surcharge.~~ [N] For further information on the applicable tankage charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s NEB Tariff No. 432, Enbridge Pipelines Inc.'s NEB RT Tariff No. 18-1, and Enbridge Energy, Limited Partnership's FERC Tariff No. 43.25.0. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s NEB Tariff No. 432, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.14.0. [C] ~~Tankage Charges and Oil Allowance are not included.~~

**Notes:**

~~[C] **TANKAGE:** For the applicable Tankage charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s NEB Tariff No. 420, Enbridge Pipelines Inc.'s NEB RT Tariff No. 17.4, and Enbridge Energy, Limited Partnership's FERC Tariff No. 43.23.0.~~

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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, Minnesota, and New York**

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:

- 1) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. [W] 41.14.0 41.13.0 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 1/10<sup>th</sup> of 1 percent of all hydrocarbons physically delivered at the designated Regular Delivery Point.
- 2) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. [W] 41.14.0 41.13.0 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