



ENBRIDGE PIPELINES (TOLEDO) INC.

IN CONNECTION WITH

ENBRIDGE PIPELINES INC.

AND

ENBRIDGE ENERGY, LIMITED PARTNERSHIP

INTERNATIONAL JOINT RATE TARIFF

APPLYING ON CRUDE PETROLEUM

FROM

POINTS IN THE PROVINCES OF ALBERTA, SASKATCHEWAN, AND MANITOBA,

TO

POINTS IN THE STATES OF OHIO AND MICHIGAN

Filed in compliance with 18 C.F.R. 341.3 (Form of tariff).

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

Enbridge Pipelines Inc. NEB Tariff No. **[W]** ~~443 426~~, or successive issues thereof, for transportation within Canada.

Enbridge Energy, Limited Partnership FERC Tariff No. **[W]** ~~41.16.0 41.14.0~~, or successive issues thereof, for transportation within the United States.

Enbridge Pipelines (Toledo) Inc. FERC Tariff No. 33.5.0, or successive issues thereof, for transportation within the United States.

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

ISSUED: May 31, 2019

EFFECTIVE: July 1, 2019

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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 tendered to Enbridge Pipelines Inc. at established receiving points in Canada for delivery to established delivery points with Enbridge Pipelines (Toledo) Inc.

TRANSPORTATION RATES

Rates set forth apply to transportation from the receipt point to any of the two delivery points (Oregon, Ohio; Van Buren, Michigan) for a given volume tier. Rates will be determined based on the shipper's total average daily volume per month delivered to the aforementioned delivery points on the Enbridge Pipelines (Toledo) Inc. pipeline system.

Commodities shall be classified on the basis of the density and viscosity of such commodities at the time of receipt by Enbridge Pipelines Inc. 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.

HEAVY CRUDE PETROLEUM (HEAVY) – A commodity having a density from 904 kg/m³ to 940 kg/m³ inclusive and a viscosity from 100 up to and including 350 mm²/s will be classified as **Heavy Crude Petroleum**.

LIGHT CRUDE PETROLEUM (LIGHT) – A commodity having a density from 600 kg/m³ up to but not including 876 kg/m³ and a viscosity from 0.4 mm²/s up to but not including 20 mm²/s will be classified as **Light Crude Petroleum**.

TANKAGE: For the applicable Tankage charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s NEB Tariff No. [W] 448-432, or successive reissues thereof, Enbridge Pipelines Inc.'s NEB RT Tariff No. [W] 19-148-4, or successive reissues thereof, and Enbridge Energy, Limited Partnership's FERC Tariff No. [W] 43.31.0 43-25-0, or successive reissues thereof.

NOTES:

The transportation rates include abandonment surcharges pursuant to NEB MH-001-2013 Reasons for Decision and Order MO-030-2014.

JOINT ROUTING:

Receipt Points in the provinces of Alberta, Saskatchewan, and Manitoba to delivery points in the states of Ohio and Michigan.

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 Stockbridge, Michigan, connecting to;

Enbridge Pipelines (Toledo) Inc. – Stockbridge, Michigan to Oregon, Ohio; or Van Buren, Michigan.

**INTERNATIONAL JOINT TRANSPORTATION RATES
FOR ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP,
AND ENBRIDGE PIPELINES (TOLEDO) INC.**

[I] All rates on this page have increased.

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER HEAVY CRUDE PETROLEUM					
DELIVERY TO: OREGON, OHIO; VAN BUREN, MICHIGAN					
Volume (barrels per day)	FROM				
	Edmonton Terminal, Alberta	Hardisty Terminal, Alberta	Kerrobert Station, Saskatchewan	Regina Terminal, Saskatchewan	Cromer Terminal, Manitoba
39,999 or less	40.2446	38.3000	36.3441	32.4217	29.5879
40,000 – 49,999	39.2333	37.2887	35.3326	31.4101	28.5764
50,000 – 59,999	38.2219	36.2772	34.3212	30.3987	27.5650
60,000 – 69,999	37.5476	35.6031	33.6470	29.7245	26.8909
70,000 – 79,999	36.8735	34.9288	32.9727	29.0503	26.2165
80,000+	36.5363	34.5915	32.6356	28.7131	25.8794

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER LIGHT CRUDE PETROLEUM					
DELIVERY TO: OREGON, OHIO; VAN BUREN, MICHIGAN					
Volume (barrels per day)	FROM				
	Edmonton Terminal, Alberta	Hardisty Terminal, Alberta	Kerrobert Station, Saskatchewan	Regina Terminal, Saskatchewan	Cromer Terminal, Manitoba
39,999 or less	34.6126	33.0127	31.4035	28.1762	25.8448
40,000 – 49,999	33.7837	32.1837	30.5746	27.3471	25.0158
50,000 – 59,999	32.9546	31.3546	29.7454	26.5182	24.1866
60,000 – 69,999	32.4020	30.8019	29.1927	25.9655	23.6342
70,000 – 79,999	31.8493	30.2494	28.6402	25.4128	23.0815
80,000+	31.5730	29.9730	28.3636	25.1366	22.8050

EXCEPTIONS:

For exceptions to Enbridge Pipelines Inc. Rules and Regulations, Enbridge Energy, Limited Partnership Rules and Regulations, and Enbridge Pipelines (Toledo) Inc. Rules and Regulations, see the following:

- 1) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. [W] 41.16.0 ~~41.14.0~~, or successive issues thereof, Item 9 (h) and Enbridge Pipelines (Toledo) Inc.'s Rules and Regulations FERC No. 33.5.0, or successive issues thereof, Item 9 (viii).** For the purposes of this international joint tariff, Enbridge Pipelines Inc. shall collect in kind a percentage in the amount of 3/20^{ths} 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] 41.16.0 ~~41.14.0~~, or successive issues thereof, Item 7 (a) and Enbridge Pipelines (Toledo) Inc.'s Rules and Regulations FERC No. 33.5.0, or successive issues thereof, Item 7 (a).** 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 on Enbridge Pipelines (Toledo) Inc. for such Crude Petroleum.

SYMBOLS:

[I] – Increase

[W] – Change in wording only

Appendix A: IJT Joint Rates versus Combination of Local Rates for Heavy Crude Petroleum

Enbridge Pipelines Inc., Enbridge Energy, Limited Partnership and Enbridge Pipelines (Toledo) Inc. International Joint Rates

NEB Tariff No. 448 + FERC Tariff No. 43.31.0 + FERC Tariff No. 34.14.0 versus NEB Tariff No. 447 / FERC Tariff No. 37.12.0

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 39,999 barrels per day or less (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
		(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D
Edmonton, Alberta	25.047	18.535	16.9879	8.5834	44.1063	40.2446	(3.8617)
Hardisty, Alberta	20.317	15.035	16.9879	8.5834	40.6063	38.3000	(2.3063)
Kerrobert, Saskatchewan	17.622	13.040	16.9879	8.5834	38.6113	36.3441	(2.2672)
Regina, Saskatchewan	12.215	9.039	16.9879	8.5834	34.6103	32.4217	(2.1886)
Cromer, Manitoba	8.304	6.145	16.9879	8.5834	31.7163	29.5879	(2.1284)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 40,000 - 49,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
		(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D
Edmonton, Alberta	25.047	18.535	16.9879	8.5834	44.1063	39.2333	(4.8730)
Hardisty, Alberta	20.317	15.035	16.9879	8.5834	40.6063	37.2887	(3.3176)
Kerrobert, Saskatchewan	17.622	13.040	16.9879	8.5834	38.6113	35.3326	(3.2787)
Regina, Saskatchewan	12.215	9.039	16.9879	8.5834	34.6103	31.4101	(3.2002)
Cromer, Manitoba	8.304	6.145	16.9879	8.5834	31.7163	28.5764	(3.1399)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 50,000 - 59,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
		(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D
Edmonton, Alberta	25.047	18.535	16.9879	8.5834	44.1063	38.2219	(5.8844)
Hardisty, Alberta	20.317	15.035	16.9879	8.5834	40.6063	36.2772	(4.3291)
Kerrobert, Saskatchewan	17.622	13.040	16.9879	8.5834	38.6113	34.3212	(4.2901)
Regina, Saskatchewan	12.215	9.039	16.9879	8.5834	34.6103	30.3987	(4.2116)
Cromer, Manitoba	8.304	6.145	16.9879	8.5834	31.7163	27.5650	(4.1513)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 60,000 - 69,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
		(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D
Edmonton, Alberta	25.047	18.535	16.9879	8.5834	44.1063	37.5476	(6.5587)
Hardisty, Alberta	20.317	15.035	16.9879	8.5834	40.6063	35.6031	(5.0032)
Kerrobert, Saskatchewan	17.622	13.040	16.9879	8.5834	38.6113	33.6470	(4.9643)
Regina, Saskatchewan	12.215	9.039	16.9879	8.5834	34.6103	29.7245	(4.8858)
Cromer, Manitoba	8.304	6.145	16.9879	8.5834	31.7163	26.8909	(4.8254)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 70,000 - 79,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
		(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D
Edmonton, Alberta	25.047	18.535	16.9879	8.5834	44.1063	36.8735	(7.2328)
Hardisty, Alberta	20.317	15.035	16.9879	8.5834	40.6063	34.9288	(5.6775)
Kerrobert, Saskatchewan	17.622	13.040	16.9879	8.5834	38.6113	32.9727	(5.6386)
Regina, Saskatchewan	12.215	9.039	16.9879	8.5834	34.6103	29.0503	(5.5600)
Cromer, Manitoba	8.304	6.145	16.9879	8.5834	31.7163	26.2165	(5.4998)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 80,000+ barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
		(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D
Edmonton, Alberta	25.047	18.535	16.9879	8.5834	44.1063	36.5363	(7.5700)
Hardisty, Alberta	20.317	15.035	16.9879	8.5834	40.6063	34.5915	(6.0148)
Kerrobert, Saskatchewan	17.622	13.040	16.9879	8.5834	38.6113	32.6356	(5.9757)
Regina, Saskatchewan	12.215	9.039	16.9879	8.5834	34.6103	28.7131	(5.8972)
Cromer, Manitoba	8.304	6.145	16.9879	8.5834	31.7163	25.8794	(5.8369)

Note 1: Local tolls for transportation of Heavy Crude Petroleum from Enbridge Pipelines Inc. Receipt Points to International Boundary near Gretna, Manitoba

Note 2: Local rate for transportation of Heavy Crude Petroleum from International Boundary near Neche, North Dakota to Stockbridge, Michigan

Note 3: Local rate for transportation from Stockbridge, Michigan to Van Buren, Michigan / Oregon, Ohio

Note 4: Assumes an exchange rate of 0.74 USD/CAD

Appendix A: IJT Joint Rates versus Combination of Local Rates for Light Crude Petroleum

Enbridge Pipelines Inc., Enbridge Energy, Limited Partnership and Enbridge Pipelines (Toledo) Inc. International Joint Rates

NEB Tariff No. 448 + FERC Tariff No. 43.31.0 + FERC Tariff No. 34.14.0 versus NEB Tariff No. 447 / FERC Tariff No. 37.12.0

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 39,999 barrels per day or less (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
	(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D	
Edmonton, Alberta	21.1410	15.6440	14.0640	8.5834	38.2914	34.6126	(3.6788)
Hardisty, Alberta	16.8930	12.5010	14.0640	8.5834	35.1484	33.0127	(2.1357)
Kerrobert, Saskatchewan	14.6750	10.8600	14.0640	8.5834	33.5074	31.4035	(2.1039)
Regina, Saskatchewan	10.2260	7.5670	14.0640	8.5834	30.2144	28.1762	(2.0382)
Cromer, Manitoba	7.0150	5.1910	14.0640	8.5834	27.8384	25.8448	(1.9936)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 40,000 - 49,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
	(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D	
Edmonton, Alberta	21.1410	15.6440	14.0640	8.5834	38.2914	33.7837	(4.5077)
Hardisty, Alberta	16.8930	12.5010	14.0640	8.5834	35.1484	32.1837	(2.9647)
Kerrobert, Saskatchewan	14.6750	10.8600	14.0640	8.5834	33.5074	30.5746	(2.9328)
Regina, Saskatchewan	10.2260	7.5670	14.0640	8.5834	30.2144	27.3471	(2.8673)
Cromer, Manitoba	7.0150	5.1910	14.0640	8.5834	27.8384	25.0158	(2.8226)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.25.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 50,000 - 59,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
	(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D	
Edmonton, Alberta	21.1410	15.6440	14.0640	8.5834	38.2914	32.9546	(5.3368)
Hardisty, Alberta	16.8930	12.5010	14.0640	8.5834	35.1484	31.3546	(3.7938)
Kerrobert, Saskatchewan	14.6750	10.8600	14.0640	8.5834	33.5074	29.7454	(3.7620)
Regina, Saskatchewan	10.2260	7.5670	14.0640	8.5834	30.2144	26.5182	(3.6962)
Cromer, Manitoba	7.0150	5.1910	14.0640	8.5834	27.8384	24.1866	(3.6518)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 60,000 - 69,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
	(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D	
Edmonton, Alberta	21.1410	15.6440	14.0640	8.5834	38.2914	32.4020	(5.8894)
Hardisty, Alberta	16.8930	12.5010	14.0640	8.5834	35.1484	30.8019	(4.3465)
Kerrobert, Saskatchewan	14.6750	10.8600	14.0640	8.5834	33.5074	29.1927	(4.3147)
Regina, Saskatchewan	10.2260	7.5670	14.0640	8.5834	30.2144	25.9655	(4.2489)
Cromer, Manitoba	7.0150	5.1910	14.0640	8.5834	27.8384	23.6342	(4.2042)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 70,000 - 79,999 barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
	(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D	
Edmonton, Alberta	21.1410	15.6440	14.0640	8.5834	38.2914	31.8493	(6.4421)
Hardisty, Alberta	16.8930	12.5010	14.0640	8.5834	35.1484	30.2494	(4.8990)
Kerrobert, Saskatchewan	14.6750	10.8600	14.0640	8.5834	33.5074	28.6402	(4.8672)
Regina, Saskatchewan	10.2260	7.5670	14.0640	8.5834	30.2144	25.4128	(4.8016)
Cromer, Manitoba	7.0150	5.1910	14.0640	8.5834	27.8384	23.0815	(4.7569)

From	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (CAD\$/M3)	Enbridge Pipelines Inc. Local Toll per NEB No. 448 ¹ (US\$/M3) ⁴	Enbridge Energy, Limited Partnership Local Rate per FERC 43.31.0 ² (US\$/M3)	Enbridge Pipelines (Toledo) Inc. Rate per FERC 34.14.0 ³ (US\$/M3)	Sum of Local Rates (US\$/M3)	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 80,000+ barrels per day (US\$/M3)	Discount Resulting from Joint Rate (US\$/M3)
	(A)	(B)	(C)	(D) = A + B + C	(E)	(F) = E - D	
Edmonton, Alberta	21.1410	15.6440	14.0640	8.5834	38.2914	31.5730	(6.7184)
Hardisty, Alberta	16.8930	12.5010	14.0640	8.5834	35.1484	29.9730	(5.1754)
Kerrobert, Saskatchewan	14.6750	10.8600	14.0640	8.5834	33.5074	28.3636	(5.1438)
Regina, Saskatchewan	10.2260	7.5670	14.0640	8.5834	30.2144	25.1366	(5.0778)
Cromer, Manitoba	7.0150	5.1910	14.0640	8.5834	27.8384	22.8050	(5.0334)

Note 1: Local tolls for transportation of Light Crude Petroleum from Enbridge Pipelines Inc. Receipt Points to International Boundary near Gretna, Manitoba

Note 2: Local rate for transportation of Light Crude Petroleum from International Boundary near Neche, North Dakota to Stockbridge, Michigan

Note 3: Local rate for transportation from Stockbridge, Michigan to Van Buren, Michigan / Oregon, Ohio

Note 4: Assumes an exchange rate of 0.74 USD/CAD

Appendix B: IJT Joint Rates Including Non-Performance Penalty Credit for Heavy Crude Petroleum

Enbridge Pipelines Inc., Enbridge Energy, Limited Partnership and Enbridge Pipelines (Toledo) Inc. International Joint Rates

Worksheet Supporting NEB Tariff No. 447/ FERC Tariff No. 37.12.0

	Current IJT Joint Rate 39,999 barrels per day or less	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 39,999 barrels per day or less
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	40.2465	(0.0019)	40.2446
Hardisty, Alberta	38.3016	(0.0016)	38.3000
Kerrobert, Saskatchewan	36.3455	(0.0014)	36.3441
Regina, Saskatchewan	32.4225	(0.0008)	32.4217
Cromer, Manitoba	29.5883	(0.0004)	29.5879

	Current IJT Joint Rate 40,000 - 49,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447/ FERC No. 37.12.0 40,000 - 49,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	39.2352	(0.0019)	39.2333
Hardisty, Alberta	37.2903	(0.0016)	37.2887
Kerrobert, Saskatchewan	35.3340	(0.0014)	35.3326
Regina, Saskatchewan	31.4109	(0.0008)	31.4101
Cromer, Manitoba	28.5768	(0.0004)	28.5764

	Current IJT Joint Rate 50,000 - 59,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447/ FERC No. 37.12.0 50,000 - 59,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	38.2238	(0.0019)	38.2219
Hardisty, Alberta	36.2788	(0.0016)	36.2772
Kerrobert, Saskatchewan	34.3226	(0.0014)	34.3212
Regina, Saskatchewan	30.3995	(0.0008)	30.3987
Cromer, Manitoba	27.5654	(0.0004)	27.5650

	Current IJT Joint Rate 60,000 - 69,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447/ FERC No. 37.12.0 60,000 - 69,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	37.5495	(0.0019)	37.5476
Hardisty, Alberta	35.6047	(0.0016)	35.6031
Kerrobert, Saskatchewan	33.6484	(0.0014)	33.6470
Regina, Saskatchewan	29.7253	(0.0008)	29.7245
Cromer, Manitoba	26.8913	(0.0004)	26.8909

	Current IJT Joint Rate 70,000 - 79,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 70,000 - 79,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	36.8754	(0.0019)	36.8735
Hardisty, Alberta	34.9304	(0.0016)	34.9288
Kerrobert, Saskatchewan	32.9741	(0.0014)	32.9727
Regina, Saskatchewan	29.0511	(0.0008)	29.0503
Cromer, Manitoba	26.2169	(0.0004)	26.2165

	Current IJT Joint Rate 80,000+ barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 80,000+ barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	36.5382	(0.0019)	36.5363
Hardisty, Alberta	34.5931	(0.0016)	34.5915
Kerrobert, Saskatchewan	32.6370	(0.0014)	32.6356
Regina, Saskatchewan	28.7139	(0.0008)	28.7131
Cromer, Manitoba	25.8798	(0.0004)	25.8794

Appendix B: IJT Joint Rates Including Non-Performance Penalty Credit for Light Crude Petroleum

Enbridge Pipelines Inc., Enbridge Energy, Limited Partnership and Enbridge Pipelines (Toledo) Inc. International Joint Rates

Worksheet Supporting NEB Tariff No. 447 / FERC Tariff No. 37.12.0

	Current IJT Joint Rate 39,999 barrels per day or less	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 39,999 barrels per day or less
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	34.6145	(0.0019)	34.6126
Hardisty, Alberta	33.0143	(0.0016)	33.0127
Kerrobert, Saskatchewan	31.4049	(0.0014)	31.4035
Regina, Saskatchewan	28.1770	(0.0008)	28.1762
Cromer, Manitoba	25.8452	(0.0004)	25.8448

	Current IJT Joint Rate 40,000 - 49,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 40,000 - 49,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	33.7856	(0.0019)	33.7837
Hardisty, Alberta	32.1853	(0.0016)	32.1837
Kerrobert, Saskatchewan	30.5760	(0.0014)	30.5746
Regina, Saskatchewan	27.3479	(0.0008)	27.3471
Cromer, Manitoba	25.0162	(0.0004)	25.0158

	Current IJT Joint Rate 50,000 - 59,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 50,000 - 59,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	32.9565	(0.0019)	32.9546
Hardisty, Alberta	31.3562	(0.0016)	31.3546
Kerrobert, Saskatchewan	29.7468	(0.0014)	29.7454
Regina, Saskatchewan	26.5190	(0.0008)	26.5182
Cromer, Manitoba	24.1870	(0.0004)	24.1866

	Current IJT Joint Rate 60,000 - 69,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 60,000 - 69,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	32.4039	(0.0019)	32.4020
Hardisty, Alberta	30.8035	(0.0016)	30.8019
Kerrobert, Saskatchewan	29.1941	(0.0014)	29.1927
Regina, Saskatchewan	25.9663	(0.0008)	25.9655
Cromer, Manitoba	23.6346	(0.0004)	23.6342

	Current IJT Joint Rate 70,000 - 79,999 barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 70,000 - 79,999 barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	31.8512	(0.0019)	31.8493
Hardisty, Alberta	30.2510	(0.0016)	30.2494
Kerrobert, Saskatchewan	28.6416	(0.0014)	28.6402
Regina, Saskatchewan	25.4136	(0.0008)	25.4128
Cromer, Manitoba	23.0819	(0.0004)	23.0815

	Current IJT Joint Rate 80,000+ barrels per day	Non-Performance Penalty Credit	IJT Joint Rate per NEB No. 447 / FERC No. 37.12.0 80,000+ barrels per day
From	(US\$/M3)	(US\$/M3)	(US\$/M3)
	(A)	(B)	(C) = A + B
Edmonton, Alberta	31.5749	(0.0019)	31.5730
Hardisty, Alberta	29.9746	(0.0016)	29.9730
Kerrobert, Saskatchewan	28.3650	(0.0014)	28.3636
Regina, Saskatchewan	25.1374	(0.0008)	25.1366
Cromer, Manitoba	22.8054	(0.0004)	22.8050