



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, AND MANITOBA,

TO

POINTS IN THE PROVINCE OF ONTARIO AND POINTS IN THE STATES OF ILLINOIS, INDIANA,
MICHIGAN, MINNESOTA, AND WISCONSIN

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. 389, 417, and Canada Energy Regulator (CER) No. 468 and reissues thereof, on file with the CER, for transportation within Canada.

Enbridge Energy, Limited Partnership FERC Tariff Nos. 41.17.0 and 42.5.0, 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, Condensates and Natural Gas Liquids tendered to Enbridge Pipelines Inc. at established receiving points in Canada for delivery to established receiving points in Canada for delivery to established delivery points in the United States and Canada.

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

ISSUED: September 29, 2021

EFFECTIVE: October 1, 2021

ISSUED BY:

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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.

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/m³) and a viscosity of up to but not including 0.4 square millimeters per second (mm²/s) will be classified as **Natural Gas Liquids**.

CONDENSATES (CND) – A commodity having a density from 600 kg/ m³ up to but not including 800 kg/ m³ and a viscosity of 0.4 mm²/s up to but not including 2 mm²/s will be classified as **Condensates**.

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 up to and including 350 mm²/s will be classified as **Heavy Crude Petroleum**.

The following tables provide rates including Transmission and Terminalling Charges, 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 Interim Line 3 Replacement Surcharge. For further information on the applicable tankage charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s Interim CER Tariff No. **[W] 491 480**, Enbridge Pipelines Inc.'s Interim CER RT Tariff No. 21-1, and Enbridge Energy, Limited Partnership's FERC Tariff No. 43.40.0. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. **[W] 491 480**, and Enbridge Energy, Limited Partnership's FERC Tariff No. 41.17.0.

[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		19.8978	20.8197	21.8907	23.7670
	Superior, Wisconsin	22.6455	23.4776	24.4067	25.6953	27.9493
	Lockport, Illinois		32.5074	33.4534	35.2743	38.4644
	Mokena, Illinois		32.5074	33.4534	35.2743	38.4644
	Flanagan, Illinois		32.0459	32.9919	34.8128	38.0029
	Griffith, Indiana		32.5074	33.4534	35.2743	38.4644
	Stockbridge, Michigan		35.6116	36.5641	38.5809	42.1148
	Rapid River, Michigan	27.6248				
	Marysville, Michigan		35.6116	36.5641	38.5809	42.1148
	Corunna or Sarnia Terminal, Ontario	34.3580	36.0145	36.9758	39.0032	42.5487
	Westover, Ontario		38.1721	39.2773	41.4481	45.2451
	Nanticoke, Ontario		38.9911	40.1507	42.3760	46.2684
Hardisty Terminal, Alberta	Clearbrook, Minnesota			17.1061	18.0481	19.6990
	Superior, Wisconsin			20.6931	21.8527	23.8813
	Lockport, Illinois			29.7400	31.4319	34.3963
	Mokena, Illinois			29.7400	31.4319	34.3963
	Flanagan, Illinois			29.2785	30.9704	33.9348
	Griffith, Indiana			29.7400	31.4319	34.3963
	Stockbridge, Michigan			32.8505	34.7384	38.0467
	Rapid River, Michigan					
	Marysville, Michigan			32.8505	34.7384	38.0467
	Corunna or Sarnia Terminal, Ontario			33.2627	35.1610	38.4811
	Westover, Ontario			35.5639	37.6058	41.1772
	Nanticoke, Ontario			36.4369	38.5335	42.2003

[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
Kerrobert Station, Saskatchewan	Clearbrook, Minnesota			14.7775		17.0137
	Superior, Wisconsin	16.9263		18.3645		21.1960
	Lockport, Illinois			27.4113		31.7111
	Mokena, Illinois			27.4113		31.7111
	Flanagan, Illinois			26.9498		31.2496
	Griffith, Indiana			27.4113		31.7111
	Stockbridge, Michigan			30.5219		35.3615
	Rapid River, Michigan	21.9057				
	Marysville, Michigan			30.5219		35.3615
	Corunna or Sarnia Terminal, Ontario	28.6389		30.9337		35.7956
	Westover, Ontario			33.2351		38.4918
	Nanticoke, Ontario			34.1084		39.5151
Regina Terminal, Saskatchewan	Clearbrook, Minnesota			10.6118		12.1329
	Superior, Wisconsin			14.1986		16.3152
	Lockport, Illinois			23.2455		26.8304
	Mokena, Illinois			23.2455		26.8304
	Flanagan, Illinois			22.7840		26.3689
	Griffith, Indiana			23.2455		26.8304
	Stockbridge, Michigan			26.3561		30.4810
	Rapid River, Michigan					
	Marysville, Michigan			26.3561		30.4810
	Corunna or Sarnia Terminal, Ontario			26.7678		30.9149
	Westover, Ontario			29.0692		33.6112
	Nanticoke, Ontario			29.9427		34.6343
Cromer Terminal, Manitoba	Clearbrook, Minnesota			7.6022	7.9669	8.6069
	Superior, Wisconsin	10.3110		11.1894	11.7716	12.7893
	Lockport, Illinois			20.2363	21.3505	23.3043
	Mokena, Illinois			20.2363	21.3505	23.3043
	Flanagan, Illinois			19.7748	20.8890	22.8428
	Griffith, Indiana			20.2363	21.3505	23.3043
	Stockbridge, Michigan			23.3469	24.6571	26.9547
	Rapid River, Michigan	15.2905				
	Marysville, Michigan			23.3469	24.6571	26.9547
	Corunna or Sarnia Terminal, Ontario	22.0236		23.7585	25.0793	27.3889
	Westover, Ontario			26.0598	27.5243	30.0852
	Nanticoke, Ontario			26.9333	28.4521	31.1084

Notes

- 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. 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.
- b) **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 not adjusted for distance or commodity type.
- c) **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 not adjusted for distance or commodity type.
- d) **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 not adjusted for distance or commodity type.
- e) **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 not adjusted for distance or commodity type.
- f) **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.
- g) **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.
- h) ~~**[C] Interim Line 3 Replacement Surcharge:** Pursuant to CTS Section 13.1(c), the transportation tolls for all commodity movements include a transmission surcharge which is adjusted for distance only.~~
- i) **[N] Line 3 Replacement Surcharges:** Pursuant to CER Toll Order TO-03-2021, the transportation rates for all movements include a transmission surcharge, which is adjusted for distance only, and a receipt terminalling rate for all movement from Edmonton or Hardisty, Alberta. The L3R Surcharges include, if applicable, an ex-Gretna volume related transmission rate adjustments in accordance with Final IRS # 2013-02-A and Final IRS #2013-02-B.

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 Wisconsin.

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; Flanagan, 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 Westover, Ontario or Nanticoke, Ontario

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. 41.17.0 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 1/10th of 1 percent of all hydrocarbons physically delivered at the designated Regular Delivery Point.
- b) **Exception to Enbridge Energy, Limited Partnership's Rules and Regulations FERC No. 41.17.0 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

Enbridge Pipelines Inc. and Enbridge Energy, Limited Partnership
International Joint Transportation Rates ¹
Worksheet Supporting Interim CER Tariff No. 492 and FERC No. 45.27.0
Effective: October 1, 2021

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Natural Gas Liquids												
NGL Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Edmonton, Alberta	Superior, Wisconsin	15.8904	0.3688	0.2400	1.6482	-	-	-	4.4986	-	(0.0005)	22.6455
	Rapid River, Michigan	19.0347	0.4764	0.2400	1.6482	0.1978	0.0659	0.4615	5.5008	-	(0.0005)	27.6248
	Corunna or Sarnia Terminal, Ontario	24.1122	0.6359	0.2448	1.6482	0.1978	0.0659	0.4615	6.9922	-	(0.0005)	34.3580
Kerrobert, Saskatchewan	Superior, Wisconsin	13.0477	0.3029	0.1730	-	-	-	-	3.4031	-	(0.0004)	16.9263
	Rapid River, Michigan	16.1921	0.4105	0.1730	-	0.1978	0.0659	0.4615	4.4053	-	(0.0004)	21.9057
	Corunna or Sarnia Terminal, Ontario	21.2696	0.5700	0.1778	-	0.1978	0.0659	0.4615	5.8967	-	(0.0004)	28.6389
Cromer, Manitoba	Superior, Wisconsin	8.1241	0.1886	0.0571	-	-	-	-	1.9413	-	(0.0001)	10.3110
	Rapid River, Michigan	11.2686	0.2962	0.0571	-	0.1978	0.0659	0.4615	2.9435	-	(0.0001)	15.2905
	Corunna or Sarnia Terminal, Ontario	16.3462	0.4556	0.0618	-	0.1978	0.0659	0.4615	4.4349	-	(0.0001)	22.0236

¹ International Joint Toll in U.S. Dollar per Cubic Meter

² Final toll basis per CER Toll Order TO-03-2021

³ Final toll basis per NEB Order TO-003-2014

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Condensate												
CND Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Edmonton, Alberta	Clearbrook, Minnesota	13.9462	0.2966	0.2400	1.6482	-	-	-	3.7673	-	(0.0005)	19.8978
	Superior, Wisconsin	16.7143	0.3770	0.2400	1.6482	-	-	-	4.4986	-	(0.0005)	23.4776
	Lockport, Illinois	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	32.5074
	Mokena, Illinois	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	32.5074
	Flanagan, Illinois	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	-	6.3017	-	(0.0005)	32.0459
	Griffith, Indiana	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	32.5074
	Stockbridge, Michigan	25.3876	0.6477	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	35.6116
	Marysville, Michigan	25.3876	0.6477	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	35.6116
	Corunna or Sarnia Terminal, Ontario	25.7547	0.6499	0.2448	1.6482	0.1978	0.0659	0.4615	6.9922	-	(0.0005)	36.0145
Westover, Ontario	27.3688	0.6874	0.2820	1.6482	0.1978	0.0659	0.4615	7.4611	-	(0.0006)	38.1721	
Nanticoke, Ontario	27.9815	0.7017	0.2961	1.6482	0.1978	0.0659	0.4615	7.6390	-	(0.0006)	38.9911	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Light Crude Petroleum												
LGT Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Edmonton, Alberta	Clearbrook, Minnesota	14.8422	0.3225	0.2400	1.6482	-	-	-	3.7673	-	(0.0005)	20.8197
	Superior, Wisconsin	17.6106	0.4098	0.2400	1.6482	-	-	-	4.4986	-	(0.0005)	24.4067
	Lockport, Illinois	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	33.4534
	Mokena, Illinois	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	33.4534
	Flanagan, Illinois	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	-	6.3017	-	(0.0005)	32.9919
	Griffith, Indiana	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	33.4534
	Stockbridge, Michigan	26.2838	0.7040	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	36.5641
	Marysville, Michigan	26.2838	0.7040	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	36.5641
	Corunna or Sarnia Terminal, Ontario	26.6595	0.7064	0.2448	1.6482	0.1978	0.0659	0.4615	6.9922	-	(0.0005)	36.9758
Westover, Ontario	28.4142	0.7472	0.2820	1.6482	0.1978	0.0659	0.4615	7.4611	-	(0.0006)	39.2773	
Nanticoke, Ontario	29.0801	0.7627	0.2961	1.6482	0.1978	0.0659	0.4615	7.6390	-	(0.0006)	40.1507	
Hardisty, Alberta	Clearbrook, Minnesota	13.2675	0.2858	0.2066	-	-	-	-	3.3466	-	(0.0004)	17.1061
	Superior, Wisconsin	16.0359	0.3731	0.2066	-	-	-	-	4.0779	-	(0.0004)	20.6931
	Lockport, Illinois	22.3392	0.5884	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	29.7400
	Mokena, Illinois	22.3392	0.5884	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	29.7400
	Flanagan, Illinois	22.3392	0.5884	0.2066	-	0.1978	0.0659	-	5.8810	-	(0.0004)	29.2785
	Griffith, Indiana	22.3392	0.5884	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	29.7400
	Stockbridge, Michigan	24.7092	0.6673	0.2066	-	0.1978	0.0659	0.4615	6.5426	-	(0.0004)	32.8505
	Marysville, Michigan	24.7092	0.6673	0.2066	-	0.1978	0.0659	0.4615	6.5426	-	(0.0004)	32.8505
	Corunna or Sarnia Terminal, Ontario	25.0851	0.6699	0.2114	-	0.1978	0.0659	0.4615	6.5715	-	(0.0004)	33.2627
Westover, Ontario	26.8396	0.7107	0.2486	-	0.1978	0.0659	0.4615	7.0403	-	(0.0005)	35.5639	
Nanticoke, Ontario	27.5053	0.7261	0.2627	-	0.1978	0.0659	0.4615	7.2182	-	(0.0006)	36.4369	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Light Crude Petroleum												
LGT Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Kerobert, Saskatchewan	Clearbrook, Minnesota	11.6839	0.2492	0.1730	-	-	-	-	2.6718	-	(0.0004)	14.7775
	Superior, Wisconsin	14.4523	0.3365	0.1730	-	-	-	-	3.4031	-	(0.0004)	18.3645
	Lockport, Illinois	20.7555	0.5518	0.1730	-	0.1978	0.0659	0.4615	5.2062	-	(0.0004)	27.4113
	Mokena, Illinois	20.7555	0.5518	0.1730	-	0.1978	0.0659	0.4615	5.2062	-	(0.0004)	27.4113
	Flanagan, Illinois	20.7555	0.5518	0.1730	-	0.1978	0.0659	-	5.2062	-	(0.0004)	26.9498
	Griffith, Indiana	20.7555	0.5518	0.1730	-	0.1978	0.0659	0.4615	5.2062	-	(0.0004)	27.4113
	Stockbridge, Michigan	23.1255	0.6307	0.1730	-	0.1978	0.0659	0.4615	5.8679	-	(0.0004)	30.5219
	Marysville, Michigan	23.1255	0.6307	0.1730	-	0.1978	0.0659	0.4615	5.8679	-	(0.0004)	30.5219
	Corunna or Sarnia Terminal, Ontario	23.5012	0.6332	0.1778	-	0.1978	0.0659	0.4615	5.8967	-	(0.0004)	30.9337
Westover, Ontario	25.2559	0.6739	0.2150	-	0.1978	0.0659	0.4615	6.3656	-	(0.0005)	33.2351	
Nanticoke, Ontario	25.9217	0.6894	0.2291	-	0.1978	0.0659	0.4615	6.5435	-	(0.0005)	34.1084	
Regina, Saskatchewan	Clearbrook, Minnesota	8.5077	0.1755	0.1057	-	-	-	-	1.8231	-	(0.0002)	10.6118
	Superior, Wisconsin	11.2759	0.2628	0.1057	-	-	-	-	2.5544	-	(0.0002)	14.1986
	Lockport, Illinois	17.5792	0.4781	0.1057	-	0.1978	0.0659	0.4615	4.3575	-	(0.0002)	23.2455
	Mokena, Illinois	17.5792	0.4781	0.1057	-	0.1978	0.0659	0.4615	4.3575	-	(0.0002)	23.2455
	Flanagan, Illinois	17.5792	0.4781	0.1057	-	0.1978	0.0659	-	4.3575	-	(0.0002)	22.7840
	Griffith, Indiana	17.5792	0.4781	0.1057	-	0.1978	0.0659	0.4615	4.3575	-	(0.0002)	23.2455
	Stockbridge, Michigan	19.9492	0.5570	0.1057	-	0.1978	0.0659	0.4615	5.0192	-	(0.0002)	26.3561
	Marysville, Michigan	19.9492	0.5570	0.1057	-	0.1978	0.0659	0.4615	5.0192	-	(0.0002)	26.3561
	Corunna or Sarnia Terminal, Ontario	20.3248	0.5595	0.1105	-	0.1978	0.0659	0.4615	5.0480	-	(0.0002)	26.7678
Westover, Ontario	22.0796	0.6001	0.1477	-	0.1978	0.0659	0.4615	5.5169	-	(0.0003)	29.0692	
Nanticoke, Ontario	22.7456	0.6156	0.1618	-	0.1978	0.0659	0.4615	5.6948	-	(0.0003)	29.9427	
Cromer, Manitoba	Clearbrook, Minnesota	6.2130	0.1222	0.0571	-	-	-	-	1.2100	-	(0.0001)	7.6022
	Superior, Wisconsin	8.9816	0.2095	0.0571	-	-	-	-	1.9413	-	(0.0001)	11.1894
	Lockport, Illinois	15.2849	0.4248	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	20.2363
	Mokena, Illinois	15.2849	0.4248	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	20.2363
	Flanagan, Illinois	15.2849	0.4248	0.0571	-	0.1978	0.0659	-	3.7444	-	(0.0001)	19.7748
	Griffith, Indiana	15.2849	0.4248	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	20.2363
	Stockbridge, Michigan	17.6549	0.5037	0.0571	-	0.1978	0.0659	0.4615	4.4061	-	(0.0001)	23.3469
	Marysville, Michigan	17.6549	0.5037	0.0571	-	0.1978	0.0659	0.4615	4.4061	-	(0.0001)	23.3469
	Corunna or Sarnia Terminal, Ontario	18.0305	0.5062	0.0618	-	0.1978	0.0659	0.4615	4.4349	-	(0.0001)	23.7585
	Westover, Ontario	19.7851	0.5469	0.0990	-	0.1978	0.0659	0.4615	4.9038	-	(0.0002)	26.0598
Nanticoke, Ontario	20.4510	0.5624	0.1132	-	0.1978	0.0659	0.4615	5.0817	-	(0.0002)	26.9333	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Medium Crude Petroleum												
MED Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Edmonton, Alberta	Clearbrook, Minnesota	15.8876	0.3481	0.2400	1.6482	-	-	-	3.7673	-	(0.0005)	21.8907
	Superior, Wisconsin	18.8666	0.4424	0.2400	1.6482	-	-	-	4.4986	-	(0.0005)	25.6953
	Lockport, Illinois	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	35.2743
	Mokena, Illinois	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	35.2743
	Flanagan, Illinois	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	-	6.3017	-	(0.0005)	34.8128
	Griffith, Indiana	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	35.2743
	Stockbridge, Michigan	28.2443	0.7603	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	38.5809
	Marysville, Michigan	28.2443	0.7603	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	38.5809
	Corunna or Sarnia Terminal, Ontario	28.6303	0.7630	0.2448	1.6482	0.1978	0.0659	0.4615	6.9922	-	(0.0005)	39.0032
Westover, Ontario	30.5252	0.8070	0.2820	1.6482	0.1978	0.0659	0.4615	7.4611	-	(0.0006)	41.4481	
Nanticoke, Ontario	31.2443	0.8238	0.2961	1.6482	0.1978	0.0659	0.4615	7.6390	-	(0.0006)	42.3760	
Hardisty, Alberta	Clearbrook, Minnesota	14.1867	0.3086	0.2066	-	-	-	-	3.3466	-	(0.0004)	18.0481
	Superior, Wisconsin	17.1657	0.4029	0.2066	-	-	-	-	4.0779	-	(0.0004)	21.8527
	Lockport, Illinois	23.9840	0.6355	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	31.4319
	Mokena, Illinois	23.9840	0.6355	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	31.4319
	Flanagan, Illinois	23.9840	0.6355	0.2066	-	0.1978	0.0659	-	5.8810	-	(0.0004)	30.9704
	Griffith, Indiana	23.9840	0.6355	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	31.4319
	Stockbridge, Michigan	26.5436	0.7208	0.2066	-	0.1978	0.0659	0.4615	6.5426	-	(0.0004)	34.7384
	Marysville, Michigan	26.5436	0.7208	0.2066	-	0.1978	0.0659	0.4615	6.5426	-	(0.0004)	34.7384
	Corunna or Sarnia Terminal, Ontario	26.9297	0.7236	0.2114	-	0.1978	0.0659	0.4615	6.5715	-	(0.0004)	35.1610
Westover, Ontario	28.8247	0.7675	0.2486	-	0.1978	0.0659	0.4615	7.0403	-	(0.0005)	37.6058	
Nanticoke, Ontario	29.5437	0.7843	0.2627	-	0.1978	0.0659	0.4615	7.2182	-	(0.0006)	38.5335	
Cromer, Manitoba	Clearbrook, Minnesota	6.5681	0.1318	0.0571	-	-	-	-	1.2100	-	(0.0001)	7.9669
	Superior, Wisconsin	9.5472	0.2261	0.0571	-	-	-	-	1.9413	-	(0.0001)	11.7716
	Lockport, Illinois	16.3652	0.4587	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	21.3505
	Mokena, Illinois	16.3652	0.4587	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	21.3505
	Flanagan, Illinois	16.3652	0.4587	0.0571	-	0.1978	0.0659	-	3.7444	-	(0.0001)	20.8890
	Griffith, Indiana	16.3652	0.4587	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	21.3505
	Stockbridge, Michigan	18.9248	0.5440	0.0571	-	0.1978	0.0659	0.4615	4.4061	-	(0.0001)	24.6571
	Marysville, Michigan	18.9248	0.5440	0.0571	-	0.1978	0.0659	0.4615	4.4061	-	(0.0001)	24.6571
	Corunna or Sarnia Terminal, Ontario	19.3108	0.5467	0.0618	-	0.1978	0.0659	0.4615	4.4349	-	(0.0001)	25.0793
	Westover, Ontario	21.2058	0.5907	0.0990	-	0.1978	0.0659	0.4615	4.9038	-	(0.0002)	27.5243
Nanticoke, Ontario	21.9248	0.6074	0.1132	-	0.1978	0.0659	0.4615	5.0817	-	(0.0002)	28.4521	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Heavy Crude Petroleum												
HVY Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Edmonton, Alberta	Clearbrook, Minnesota	17.7186	0.3934	0.2400	1.6482	-	-	-	3.7673	-	(0.0005)	23.7670
	Superior, Wisconsin	21.0630	0.5000	0.2400	1.6482	-	-	-	4.4986	-	(0.0005)	27.9493
	Lockport, Illinois	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	38.4644
	Mokena, Illinois	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	38.4644
	Flanagan, Illinois	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	-	6.3017	-	(0.0005)	38.0029
	Griffith, Indiana	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	0.4615	6.3017	-	(0.0005)	38.4644
	Stockbridge, Michigan	31.6795	0.8590	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	42.1148
	Marysville, Michigan	31.6795	0.8590	0.2400	1.6482	0.1978	0.0659	0.4615	6.9634	-	(0.0005)	42.1148
	Corunna or Sarnia Terminal, Ontario	32.0768	0.8620	0.2448	1.6482	0.1978	0.0659	0.4615	6.9922	-	(0.0005)	42.5487
Hardisty, Alberta	Westover, Ontario	34.2175	0.9117	0.2820	1.6482	0.1978	0.0659	0.4615	7.4611	-	(0.0006)	45.2451
	Nanticoke, Ontario	35.0299	0.9306	0.2961	1.6482	0.1978	0.0659	0.4615	7.6390	-	(0.0006)	46.2684
	Clearbrook, Minnesota	15.7974	0.3488	0.2066	-	-	-	-	3.3466	-	(0.0004)	19.6990
	Superior, Wisconsin	19.1418	0.4554	0.2066	-	-	-	-	4.0779	-	(0.0004)	23.8813
	Lockport, Illinois	26.8660	0.7179	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	34.3963
	Mokena, Illinois	26.8660	0.7179	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	34.3963
	Flanagan, Illinois	26.8660	0.7179	0.2066	-	0.1978	0.0659	-	5.8810	-	(0.0004)	33.9348
	Griffith, Indiana	26.8660	0.7179	0.2066	-	0.1978	0.0659	0.4615	5.8810	-	(0.0004)	34.3963
	Stockbridge, Michigan	29.7583	0.8144	0.2066	-	0.1978	0.0659	0.4615	6.5426	-	(0.0004)	38.0467
Marysville, Michigan	29.7583	0.8144	0.2066	-	0.1978	0.0659	0.4615	6.5426	-	(0.0004)	38.0467	
Corunna or Sarnia Terminal, Ontario	30.1560	0.8174	0.2114	-	0.1978	0.0659	0.4615	6.5715	-	(0.0004)	38.4811	
Westover, Ontario	32.2965	0.8671	0.2486	-	0.1978	0.0659	0.4615	7.0403	-	(0.0005)	41.1772	
Nanticoke, Ontario	33.1088	0.8860	0.2627	-	0.1978	0.0659	0.4615	7.2182	-	(0.0006)	42.2003	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER												
Heavy Crude Petroleum												
HVY Toll (\$/m3)												
FROM	TO	CER No. 481 FERC No. 45.26.0 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 Twin) Surcharge	Line 3 Replacement Surcharges ²	Line 3 Replacement Ex-Gretna Volume Ratchet ²	Non- Performance Penalty Credit ³	Total Interim CER No. 492 & FERC No. 45.27.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)+(J)
Kerobert, Saskatchewan	Clearbrook, Minnesota	13.8654	0.3039	0.1730	-	-	-	-	2.6718	-	(0.0004)	17.0137
	Superior, Wisconsin	17.2098	0.4105	0.1730	-	-	-	-	3.4031	-	(0.0004)	21.1960
	Lockport, Illinois	24.9341	0.6730	0.1730	-	0.1978	0.0659	0.4615	5.2062	-	(0.0004)	31.7111
	Mokena, Illinois	24.9341	0.6730	0.1730	-	0.1978	0.0659	0.4615	5.2062	-	(0.0004)	31.7111
	Flanagan, Illinois	24.9341	0.6730	0.1730	-	0.1978	0.0659	-	5.2062	-	(0.0004)	31.2496
	Griffith, Indiana	24.9341	0.6730	0.1730	-	0.1978	0.0659	0.4615	5.2062	-	(0.0004)	31.7111
	Stockbridge, Michigan	27.8263	0.7695	0.1730	-	0.1978	0.0659	0.4615	5.8679	-	(0.0004)	35.3615
	Marysville, Michigan	27.8263	0.7695	0.1730	-	0.1978	0.0659	0.4615	5.8679	-	(0.0004)	35.3615
	Corunna or Sarnia Terminal, Ontario	28.2237	0.7726	0.1778	-	0.1978	0.0659	0.4615	5.8967	-	(0.0004)	35.7956
Westover, Ontario	30.3642	0.8223	0.2150	-	0.1978	0.0659	0.4615	6.3656	-	(0.0005)	38.4918	
Nanticoke, Ontario	31.1767	0.8411	0.2291	-	0.1978	0.0659	0.4615	6.5435	-	(0.0005)	39.5151	
Regina, Saskatchewan	Clearbrook, Minnesota	9.9902	0.2141	0.1057	-	-	-	-	1.8231	-	(0.0002)	12.1329
	Superior, Wisconsin	13.3346	0.3207	0.1057	-	-	-	-	2.5544	-	(0.0002)	16.3152
	Lockport, Illinois	21.0590	0.5832	0.1057	-	0.1978	0.0659	0.4615	4.3575	-	(0.0002)	26.8304
	Mokena, Illinois	21.0590	0.5832	0.1057	-	0.1978	0.0659	0.4615	4.3575	-	(0.0002)	26.8304
	Flanagan, Illinois	21.0590	0.5832	0.1057	-	0.1978	0.0659	-	4.3575	-	(0.0002)	26.3689
	Griffith, Indiana	21.0590	0.5832	0.1057	-	0.1978	0.0659	0.4615	4.3575	-	(0.0002)	26.8304
	Stockbridge, Michigan	23.9514	0.6797	0.1057	-	0.1978	0.0659	0.4615	5.0192	-	(0.0002)	30.4810
	Marysville, Michigan	23.9514	0.6797	0.1057	-	0.1978	0.0659	0.4615	5.0192	-	(0.0002)	30.4810
	Corunna or Sarnia Terminal, Ontario	24.3487	0.6827	0.1105	-	0.1978	0.0659	0.4615	5.0480	-	(0.0002)	30.9149
Westover, Ontario	26.4894	0.7323	0.1477	-	0.1978	0.0659	0.4615	5.5169	-	(0.0003)	33.6112	
Nanticoke, Ontario	27.3016	0.7512	0.1618	-	0.1978	0.0659	0.4615	5.6948	-	(0.0003)	34.6343	
Cromer, Manitoba	Clearbrook, Minnesota	7.1910	0.1489	0.0571	-	-	-	-	1.2100	-	(0.0001)	8.6069
	Superior, Wisconsin	10.5355	0.2555	0.0571	-	-	-	-	1.9413	-	(0.0001)	12.7893
	Lockport, Illinois	18.2597	0.5180	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	23.3043
	Mokena, Illinois	18.2597	0.5180	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	23.3043
	Flanagan, Illinois	18.2597	0.5180	0.0571	-	0.1978	0.0659	-	3.7444	-	(0.0001)	22.8428
	Griffith, Indiana	18.2597	0.5180	0.0571	-	0.1978	0.0659	0.4615	3.7444	-	(0.0001)	23.3043
	Stockbridge, Michigan	21.1519	0.6145	0.0571	-	0.1978	0.0659	0.4615	4.4061	-	(0.0001)	26.9547
	Marysville, Michigan	21.1519	0.6145	0.0571	-	0.1978	0.0659	0.4615	4.4061	-	(0.0001)	26.9547
	Corunna or Sarnia Terminal, Ontario	21.5494	0.6177	0.0618	-	0.1978	0.0659	0.4615	4.4349	-	(0.0001)	27.3889
	Westover, Ontario	23.6901	0.6673	0.0990	-	0.1978	0.0659	0.4615	4.9038	-	(0.0002)	30.0852
	Nanticoke, Ontario	24.5024	0.6861	0.1132	-	0.1978	0.0659	0.4615	5.0817	-	(0.0002)	31.1084