



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. **[W]** ~~443~~, 389, 417, and **[W]** Canada Energy Regulator (CER) No. 468 and reissues thereof, on file with the **[W]** Canada Energy Regulator (CER) (formerly NEB), for transportation within Canada.

Enbridge Energy, Limited Partnership FERC Tariff Nos. **[W]** 41.17.0 ~~41.16.0~~ 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: May 28, 2021

EFFECTIVE: July 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 [W] Interim CER Tariff No. [W] 480 470, Enbridge Pipelines Inc.'s [W] Interim CER RT Tariff No. [W] 21-1 20-4, and Enbridge Energy, Limited Partnership's FERC Tariff No. [W] 43.40.0 43-38-0. For the applicable Oil Allowance charges in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. [W] 480 470, and Enbridge Energy, Limited Partnership's FERC Tariff No. [W] 41.17.0 41-16-0.

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

**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		16.9161	17.8380	18.9090	20.7853
	Superior, Wisconsin	19.0960	19.9281	20.8572	22.1458	24.3998
	Lockport, Illinois		27.5577	28.5037	30.3246	33.5147
	Mokena, Illinois		27.5577	28.5037	30.3246	33.5147
	Flanagan, Illinois		27.0962	28.0422	29.8631	33.0532
	Griffith, Indiana		27.5577	28.5037	30.3246	33.5147
	Stockbridge, Michigan		30.1480	31.1005	33.1173	36.6512
	Rapid River, Michigan	23.2970				
	Marysville, Michigan		30.1480	31.1005	33.1173	36.6512
	Corunna or Sarnia Terminal, Ontario	28.8721	30.5286	31.4899	33.5173	37.0628
	Westover, Ontario		32.3221	33.4273	35.5981	39.3951
	Nanticoke, Ontario		33.0029	34.1625	36.3878	40.2802
Hardisty Terminal, Alberta	Clearbrook, Minnesota			14.4511	15.3931	17.0440
	Superior, Wisconsin			17.4702	18.6298	20.6584
	Lockport, Illinois			25.1170	26.8089	29.7733
	Mokena, Illinois			25.1170	26.8089	29.7733
	Flanagan, Illinois			24.6555	26.3474	29.3118
	Griffith, Indiana			25.1170	26.8089	29.7733
	Stockbridge, Michigan			27.7137	29.6016	32.9099
	Rapid River, Michigan					
	Marysville, Michigan			27.7137	29.6016	32.9099
	Corunna or Sarnia Terminal, Ontario			28.1035	30.0018	33.3219
	Westover, Ontario			30.0406	32.0825	35.6539
	Nanticoke, Ontario			30.7755	32.8721	36.5389

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

INTERNATIONAL JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER						
From	To	Rate				
		NGL	CND	LIGHT	MEDIUM	HEAVY
Kerrobot Station, Saskatchewan	Clearbrook, Minnesota			12.7028		14.9390
	Superior, Wisconsin	14.2837		15.7219		18.5534
	Lockport, Illinois			23.3685		27.6683
	Mokena, Illinois			23.3685		27.6683
	Flanagan, Illinois			22.9070		27.2068
	Griffith, Indiana			23.3685		27.6683
	Stockbridge, Michigan			25.9653		30.8049
	Rapid River, Michigan	18.4848				
	Marysville, Michigan			25.9653		30.8049
	Corunna or Sarnia Terminal, Ontario	24.0599		26.3547		31.2166
	Westover, Ontario			28.2920		33.5487
	Nanticoke, Ontario			29.0271		34.4338
Regina Terminal, Saskatchewan	Clearbrook, Minnesota			9.1961		10.7172
	Superior, Wisconsin			12.2150		14.3316
	Lockport, Illinois			19.8617		23.4466
	Mokena, Illinois			19.8617		23.4466
	Flanagan, Illinois			19.4002		22.9851
	Griffith, Indiana			19.8617		23.4466
	Stockbridge, Michigan			22.4585		26.5834
	Rapid River, Michigan					
	Marysville, Michigan			22.4585		26.5834
	Corunna or Sarnia Terminal, Ontario			22.8478		26.9949
	Westover, Ontario			24.7851		29.3271
	Nanticoke, Ontario			25.5205		30.2121
Cromer Terminal, Manitoba	Clearbrook, Minnesota			6.6626	7.0273	7.6673
	Superior, Wisconsin	8.8035		9.6819	10.2641	11.2818
	Lockport, Illinois			17.3286	18.4428	20.3966
	Mokena, Illinois			17.3286	18.4428	20.3966
	Flanagan, Illinois			16.8671	17.9813	19.9351
	Griffith, Indiana			17.3286	18.4428	20.3966
	Stockbridge, Michigan			19.9254	21.2356	23.5332
	Rapid River, Michigan	13.0048				
	Marysville, Michigan			19.9254	21.2356	23.5332
	Corunna or Sarnia Terminal, Ontario	18.5797		20.3146	21.6354	23.9450
	Westover, Ontario			22.2518	23.7163	26.2772
	Nanticoke, Ontario			22.9872	24.5060	27.1623

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 **[C]** ~~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 tolls for all movements downstream of Superior, Wisconsin include a surcharge, which is **[C]** ~~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 transportation tolls for all movements downstream of Superior, Wisconsin include a surcharge, which is **[C]** ~~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 tolls for all commodity movements into and east of Chicago include a surcharge, which is **[C]** ~~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 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) **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.

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. [W] ~~41.17.0 41.16.0~~ 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. [W] ~~41.17.0 41.16.0~~ 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. 481 and FERC No. 45.24.0
Effective: July 1, 2021

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Natural Gas Liquids											
NGL Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+(B)+(C)+ (D)+(E)+(F)+(G)+ (H)+(I)
Edmonton, Alberta	Superior, Wisconsin	15.8904	0.3688	0.2400	1.6482	-	-	-	0.9491	(0.0005)	19.0960
	Rapid River, Michigan	19.0347	0.4764	0.2400	1.6482	0.1978	0.0659	0.4615	1.1730	(0.0005)	23.2970
	Corunna or Sarnia Terminal, Ontario	24.1122	0.6359	0.2448	1.6482	0.1978	0.0659	0.4615	1.5063	(0.0005)	28.8721
Kerrobert, Saskatchewan	Superior, Wisconsin	13.0477	0.3029	0.1730	-	-	-	-	0.7605	(0.0004)	14.2837
	Rapid River, Michigan	16.1921	0.4105	0.1730	-	0.1978	0.0659	0.4615	0.9844	(0.0004)	18.4848
	Corunna or Sarnia Terminal, Ontario	21.2696	0.5700	0.1778	-	0.1978	0.0659	0.4615	1.3177	(0.0004)	24.0599
Cromer, Manitoba	Superior, Wisconsin	8.1241	0.1886	0.0571	-	-	-	-	0.4338	(0.0001)	8.8035
	Rapid River, Michigan	11.2686	0.2962	0.0571	-	0.1978	0.0659	0.4615	0.6578	(0.0001)	13.0048
	Corunna or Sarnia Terminal, Ontario	16.3462	0.4556	0.0618	-	0.1978	0.0659	0.4615	0.9910	(0.0001)	18.5797

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

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Condensate											
CND Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)
Edmonton, Alberta	Clearbrook, Minnesota	13.9462	0.2966	0.2400	1.6482	-	-	-	0.7856	(0.0005)	16.9161
	Superior, Wisconsin	16.7143	0.3770	0.2400	1.6482	-	-	-	0.9491	(0.0005)	19.9281
	Lockport, Illinois	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	27.5577
	Mokena, Illinois	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	27.5577
	Flanagan, Illinois	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	-	1.3520	(0.0005)	27.0962
	Griffith, Indiana	23.0178	0.5750	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	27.5577
	Stockbridge, Michigan	25.3876	0.6477	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	30.1480
	Marysville, Michigan	25.3876	0.6477	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	30.1480
	Corunna or Sarnia Terminal, Ontario	25.7547	0.6499	0.2448	1.6482	0.1978	0.0659	0.4615	1.5063	(0.0005)	30.5286
Westover, Ontario	27.3688	0.6874	0.2820	1.6482	0.1978	0.0659	0.4615	1.6111	(0.0006)	32.3221	
Nanticoke, Ontario	27.9815	0.7017	0.2961	1.6482	0.1978	0.0659	0.4615	1.6508	(0.0006)	33.0029	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Light Crude Petroleum											
LGT Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)
Edmonton, Alberta	Clearbrook, Minnesota	14.8422	0.3225	0.2400	1.6482	-	-	-	0.7856	(0.0005)	17.8380
	Superior, Wisconsin	17.6106	0.4098	0.2400	1.6482	-	-	-	0.9491	(0.0005)	20.8572
	Lockport, Illinois	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	28.5037
	Mokena, Illinois	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	28.5037
	Flanagan, Illinois	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	-	1.3520	(0.0005)	28.0422
	Griffith, Indiana	23.9137	0.6251	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	28.5037
	Stockbridge, Michigan	26.2838	0.7040	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	31.1005
	Marysville, Michigan	26.2838	0.7040	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	31.1005
	Corunna or Sarnia Terminal, Ontario	26.6595	0.7064	0.2448	1.6482	0.1978	0.0659	0.4615	1.5063	(0.0005)	31.4899
	Westover, Ontario	28.4142	0.7472	0.2820	1.6482	0.1978	0.0659	0.4615	1.6111	(0.0006)	33.4273
Nanticoke, Ontario	29.0801	0.7627	0.2961	1.6482	0.1978	0.0659	0.4615	1.6508	(0.0006)	34.1625	
Hardisty, Alberta	Clearbrook, Minnesota	13.2675	0.2858	0.2066	-	-	-	-	0.6916	(0.0004)	14.4511
	Superior, Wisconsin	16.0359	0.3731	0.2066	-	-	-	-	0.8550	(0.0004)	17.4702
	Lockport, Illinois	22.3392	0.5884	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	25.1170
	Mokena, Illinois	22.3392	0.5884	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	25.1170
	Flanagan, Illinois	22.3392	0.5884	0.2066	-	0.1978	0.0659	-	1.2580	(0.0004)	24.6555
	Griffith, Indiana	22.3392	0.5884	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	25.1170
	Stockbridge, Michigan	24.7092	0.6673	0.2066	-	0.1978	0.0659	0.4615	1.4058	(0.0004)	27.7137
	Marysville, Michigan	24.7092	0.6673	0.2066	-	0.1978	0.0659	0.4615	1.4058	(0.0004)	27.7137
	Corunna or Sarnia Terminal, Ontario	25.0851	0.6699	0.2114	-	0.1978	0.0659	0.4615	1.4123	(0.0004)	28.1035
	Westover, Ontario	26.8396	0.7107	0.2486	-	0.1978	0.0659	0.4615	1.5170	(0.0005)	30.0406
Nanticoke, Ontario	27.5053	0.7261	0.2627	-	0.1978	0.0659	0.4615	1.5568	(0.0006)	30.7755	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Light Crude Petroleum											
LGT Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)
Kerrobert, Saskatchewan	Clearbrook, Minnesota	11.6839	0.2492	0.1730	-	-	-	-	0.5971	(0.0004)	12.7028
	Superior, Wisconsin	14.4523	0.3365	0.1730	-	-	-	-	0.7605	(0.0004)	15.7219
	Lockport, Illinois	20.7555	0.5518	0.1730	-	0.1978	0.0659	0.4615	1.1634	(0.0004)	23.3685
	Mokena, Illinois	20.7555	0.5518	0.1730	-	0.1978	0.0659	0.4615	1.1634	(0.0004)	23.3685
	Flanagan, Illinois	20.7555	0.5518	0.1730	-	0.1978	0.0659	-	1.1634	(0.0004)	22.9070
	Griffith, Indiana	20.7555	0.5518	0.1730	-	0.1978	0.0659	0.4615	1.1634	(0.0004)	23.3685
	Stockbridge, Michigan	23.1255	0.6307	0.1730	-	0.1978	0.0659	0.4615	1.3113	(0.0004)	25.9653
	Marysville, Michigan	23.1255	0.6307	0.1730	-	0.1978	0.0659	0.4615	1.3113	(0.0004)	25.9653
	Corunna or Sarnia Terminal, Ontario	23.5012	0.6332	0.1778	-	0.1978	0.0659	0.4615	1.3177	(0.0004)	26.3547
	Westover, Ontario	25.2559	0.6739	0.2150	-	0.1978	0.0659	0.4615	1.4225	(0.0005)	28.2920
Nanticoke, Ontario	25.9217	0.6894	0.2291	-	0.1978	0.0659	0.4615	1.4622	(0.0005)	29.0271	
Regina, Saskatchewan	Clearbrook, Minnesota	8.5077	0.1755	0.1057	-	-	-	-	0.4074	(0.0002)	9.1961
	Superior, Wisconsin	11.2759	0.2628	0.1057	-	-	-	-	0.5708	(0.0002)	12.2150
	Lockport, Illinois	17.5792	0.4781	0.1057	-	0.1978	0.0659	0.4615	0.9737	(0.0002)	19.8617
	Mokena, Illinois	17.5792	0.4781	0.1057	-	0.1978	0.0659	0.4615	0.9737	(0.0002)	19.8617
	Flanagan, Illinois	17.5792	0.4781	0.1057	-	0.1978	0.0659	-	0.9737	(0.0002)	19.4002
	Griffith, Indiana	17.5792	0.4781	0.1057	-	0.1978	0.0659	0.4615	0.9737	(0.0002)	19.8617
	Stockbridge, Michigan	19.9492	0.5570	0.1057	-	0.1978	0.0659	0.4615	1.1216	(0.0002)	22.4585
	Marysville, Michigan	19.9492	0.5570	0.1057	-	0.1978	0.0659	0.4615	1.1216	(0.0002)	22.4585
	Corunna or Sarnia Terminal, Ontario	20.3248	0.5595	0.1105	-	0.1978	0.0659	0.4615	1.1280	(0.0002)	22.8478
	Westover, Ontario	22.0796	0.6001	0.1477	-	0.1978	0.0659	0.4615	1.2328	(0.0003)	24.7851
Nanticoke, Ontario	22.7456	0.6156	0.1618	-	0.1978	0.0659	0.4615	1.2726	(0.0003)	25.5205	
Cromer, Manitoba	Clearbrook, Minnesota	6.2130	0.1222	0.0571	-	-	-	-	0.2704	(0.0001)	6.6626
	Superior, Wisconsin	8.9816	0.2095	0.0571	-	-	-	-	0.4338	(0.0001)	9.6819
	Lockport, Illinois	15.2849	0.4248	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	17.3286
	Mokena, Illinois	15.2849	0.4248	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	17.3286
	Flanagan, Illinois	15.2849	0.4248	0.0571	-	0.1978	0.0659	-	0.8367	(0.0001)	16.8671
	Griffith, Indiana	15.2849	0.4248	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	17.3286
	Stockbridge, Michigan	17.6549	0.5037	0.0571	-	0.1978	0.0659	0.4615	0.9846	(0.0001)	19.9254
	Marysville, Michigan	17.6549	0.5037	0.0571	-	0.1978	0.0659	0.4615	0.9846	(0.0001)	19.9254
	Corunna or Sarnia Terminal, Ontario	18.0305	0.5062	0.0618	-	0.1978	0.0659	0.4615	0.9910	(0.0001)	20.3146
	Westover, Ontario	19.7851	0.5469	0.0990	-	0.1978	0.0659	0.4615	1.0958	(0.0002)	22.2518
Nanticoke, Ontario	20.4510	0.5624	0.1132	-	0.1978	0.0659	0.4615	1.1356	(0.0002)	22.9872	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Medium Crude Petroleum											
MED Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)
Edmonton, Alberta	Clearbrook, Minnesota	15.8876	0.3481	0.2400	1.6482	-	-	-	0.7856	(0.0005)	18.9090
	Superior, Wisconsin	18.8666	0.4424	0.2400	1.6482	-	-	-	0.9491	(0.0005)	22.1458
	Lockport, Illinois	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	30.3246
	Mokena, Illinois	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	30.3246
	Flanagan, Illinois	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	-	1.3520	(0.0005)	29.8631
	Griffith, Indiana	25.6847	0.6750	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	30.3246
	Stockbridge, Michigan	28.2443	0.7603	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	33.1173
	Marysville, Michigan	28.2443	0.7603	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	33.1173
	Corunna or Sarnia Terminal, Ontario	28.6303	0.7630	0.2448	1.6482	0.1978	0.0659	0.4615	1.5063	(0.0005)	33.5173
	Westover, Ontario	30.5252	0.8070	0.2820	1.6482	0.1978	0.0659	0.4615	1.6111	(0.0006)	35.5981
Nanticoke, Ontario	31.2443	0.8238	0.2961	1.6482	0.1978	0.0659	0.4615	1.6508	(0.0006)	36.3878	
Hardisty, Alberta	Clearbrook, Minnesota	14.1867	0.3086	0.2066	-	-	-	-	0.6916	(0.0004)	15.3931
	Superior, Wisconsin	17.1657	0.4029	0.2066	-	-	-	-	0.8550	(0.0004)	18.6298
	Lockport, Illinois	23.9840	0.6355	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	26.8089
	Mokena, Illinois	23.9840	0.6355	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	26.8089
	Flanagan, Illinois	23.9840	0.6355	0.2066	-	0.1978	0.0659	-	1.2580	(0.0004)	26.3474
	Griffith, Indiana	23.9840	0.6355	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	26.8089
	Stockbridge, Michigan	26.5436	0.7208	0.2066	-	0.1978	0.0659	0.4615	1.4058	(0.0004)	29.6016
	Marysville, Michigan	26.5436	0.7208	0.2066	-	0.1978	0.0659	0.4615	1.4058	(0.0004)	29.6016
	Corunna or Sarnia Terminal, Ontario	26.9297	0.7236	0.2114	-	0.1978	0.0659	0.4615	1.4123	(0.0004)	30.0018
	Westover, Ontario	28.8247	0.7675	0.2486	-	0.1978	0.0659	0.4615	1.5170	(0.0005)	32.0825
Nanticoke, Ontario	29.5437	0.7843	0.2627	-	0.1978	0.0659	0.4615	1.5568	(0.0006)	32.8721	
Cromer, Manitoba	Clearbrook, Minnesota	6.5681	0.1318	0.0571	-	-	-	-	0.2704	(0.0001)	7.0273
	Superior, Wisconsin	9.5472	0.2261	0.0571	-	-	-	-	0.4338	(0.0001)	10.2641
	Lockport, Illinois	16.3652	0.4587	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	18.4428
	Mokena, Illinois	16.3652	0.4587	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	18.4428
	Flanagan, Illinois	16.3652	0.4587	0.0571	-	0.1978	0.0659	-	0.8367	(0.0001)	17.9813
	Griffith, Indiana	16.3652	0.4587	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	18.4428
	Stockbridge, Michigan	18.9248	0.5440	0.0571	-	0.1978	0.0659	0.4615	0.9846	(0.0001)	21.2356
	Marysville, Michigan	18.9248	0.5440	0.0571	-	0.1978	0.0659	0.4615	0.9846	(0.0001)	21.2356
	Corunna or Sarnia Terminal, Ontario	19.3108	0.5467	0.0618	-	0.1978	0.0659	0.4615	0.9910	(0.0001)	21.6354
	Westover, Ontario	21.2058	0.5907	0.0990	-	0.1978	0.0659	0.4615	1.0958	(0.0002)	23.7163
Nanticoke, Ontario	21.9248	0.6074	0.1132	-	0.1978	0.0659	0.4615	1.1356	(0.0002)	24.5060	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Heavy Crude Petroleum											
HVY Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+(B)+(C)+ (D)+(E)+(F)+(G)+ (H)+(I)
Edmonton, Alberta	Clearbrook, Minnesota	17.7186	0.3934	0.2400	1.6482	-	-	-	0.7856	(0.0005)	20.7853
	Superior, Wisconsin	21.0630	0.5000	0.2400	1.6482	-	-	-	0.9491	(0.0005)	24.3998
	Lockport, Illinois	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	33.5147
	Mokena, Illinois	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	33.5147
	Flanagan, Illinois	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	-	1.3520	(0.0005)	33.0532
	Griffith, Indiana	28.7873	0.7625	0.2400	1.6482	0.1978	0.0659	0.4615	1.3520	(0.0005)	33.5147
	Stockbridge, Michigan	31.6795	0.8590	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	36.6512
	Marysville, Michigan	31.6795	0.8590	0.2400	1.6482	0.1978	0.0659	0.4615	1.4998	(0.0005)	36.6512
	Corunna or Sarnia Terminal, Ontario	32.0768	0.8620	0.2448	1.6482	0.1978	0.0659	0.4615	1.5063	(0.0005)	37.0628
Hardisty, Alberta	Westover, Ontario	34.2175	0.9117	0.2820	1.6482	0.1978	0.0659	0.4615	1.6111	(0.0006)	39.3951
	Nanticoke, Ontario	35.0299	0.9306	0.2961	1.6482	0.1978	0.0659	0.4615	1.6508	(0.0006)	40.2802
	Clearbrook, Minnesota	15.7974	0.3488	0.2066	-	-	-	-	0.6916	(0.0004)	17.0440
	Superior, Wisconsin	19.1418	0.4554	0.2066	-	-	-	-	0.8550	(0.0004)	20.6584
	Lockport, Illinois	26.8660	0.7179	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	29.7733
	Mokena, Illinois	26.8660	0.7179	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	29.7733
	Flanagan, Illinois	26.8660	0.7179	0.2066	-	0.1978	0.0659	-	1.2580	(0.0004)	29.3118
	Griffith, Indiana	26.8660	0.7179	0.2066	-	0.1978	0.0659	0.4615	1.2580	(0.0004)	29.7733
	Stockbridge, Michigan	29.7583	0.8144	0.2066	-	0.1978	0.0659	0.4615	1.4058	(0.0004)	32.9099
Marysville, Michigan	29.7583	0.8144	0.2066	-	0.1978	0.0659	0.4615	1.4058	(0.0004)	32.9099	
Corunna or Sarnia Terminal, Ontario	30.1560	0.8174	0.2114	-	0.1978	0.0659	0.4615	1.4123	(0.0004)	33.3219	
Westover, Ontario	32.2965	0.8671	0.2486	-	0.1978	0.0659	0.4615	1.5170	(0.0005)	35.6539	
Nanticoke, Ontario	33.1088	0.8860	0.2627	-	0.1978	0.0659	0.4615	1.5568	(0.0006)	36.5389	

JOINT TRANSPORTATION RATES IN US DOLLARS PER CUBIC METER											
Heavy Crude Petroleum											
HVY Toll (\$/m3)											
FROM	TO	CER No. 471 FERC No. 45.23.0 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	Interim Line 3 Replacement Surcharge	Non- Performance Penalty Credit	Total Interim CER No. 481 & FERC No. 45.24.0
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)=(A)+ (B)+(C)+ (D)+ (E)+(F)+(G)+ (H)+(I)
Kerobert, Saskatchewan	Clearbrook, Minnesota	13.8654	0.3039	0.1730	-	-	-	-	0.5971	(0.0004)	14.9390
	Superior, Wisconsin	17.2098	0.4105	0.1730	-	-	-	-	0.7605	(0.0004)	18.5534
	Lockport, Illinois	24.9341	0.6730	0.1730	-	0.1978	0.0659	0.4615	1.1634	(0.0004)	27.6683
	Mokena, Illinois	24.9341	0.6730	0.1730	-	0.1978	0.0659	0.4615	1.1634	(0.0004)	27.6683
	Flanagan, Illinois	24.9341	0.6730	0.1730	-	0.1978	0.0659	-	1.1634	(0.0004)	27.2068
	Griffith, Indiana	24.9341	0.6730	0.1730	-	0.1978	0.0659	0.4615	1.1634	(0.0004)	27.6683
	Stockbridge, Michigan	27.8263	0.7695	0.1730	-	0.1978	0.0659	0.4615	1.3113	(0.0004)	30.8049
	Marysville, Michigan	27.8263	0.7695	0.1730	-	0.1978	0.0659	0.4615	1.3113	(0.0004)	30.8049
	Corunna or Sarnia Terminal, Ontario	28.2237	0.7726	0.1778	-	0.1978	0.0659	0.4615	1.3177	(0.0004)	31.2166
	Westover, Ontario	30.3642	0.8223	0.2150	-	0.1978	0.0659	0.4615	1.4225	(0.0005)	33.5487
Nanticoke, Ontario	31.1767	0.8411	0.2291	-	0.1978	0.0659	0.4615	1.4622	(0.0005)	34.4338	
Regina, Saskatchewan	Clearbrook, Minnesota	9.9902	0.2141	0.1057	-	-	-	-	0.4074	(0.0002)	10.7172
	Superior, Wisconsin	13.3346	0.3207	0.1057	-	-	-	-	0.5708	(0.0002)	14.3316
	Lockport, Illinois	21.0590	0.5832	0.1057	-	0.1978	0.0659	0.4615	0.9737	(0.0002)	23.4466
	Mokena, Illinois	21.0590	0.5832	0.1057	-	0.1978	0.0659	0.4615	0.9737	(0.0002)	23.4466
	Flanagan, Illinois	21.0590	0.5832	0.1057	-	0.1978	0.0659	-	0.9737	(0.0002)	22.9851
	Griffith, Indiana	21.0590	0.5832	0.1057	-	0.1978	0.0659	0.4615	0.9737	(0.0002)	23.4466
	Stockbridge, Michigan	23.9514	0.6797	0.1057	-	0.1978	0.0659	0.4615	1.1216	(0.0002)	26.5834
	Marysville, Michigan	23.9514	0.6797	0.1057	-	0.1978	0.0659	0.4615	1.1216	(0.0002)	26.5834
	Corunna or Sarnia Terminal, Ontario	24.3487	0.6827	0.1105	-	0.1978	0.0659	0.4615	1.1280	(0.0002)	26.9949
	Westover, Ontario	26.4894	0.7323	0.1477	-	0.1978	0.0659	0.4615	1.2328	(0.0003)	29.3271
Nanticoke, Ontario	27.3016	0.7512	0.1618	-	0.1978	0.0659	0.4615	1.2726	(0.0003)	30.2121	
Cromer, Manitoba	Clearbrook, Minnesota	7.1910	0.1489	0.0571	-	-	-	-	0.2704	(0.0001)	7.6673
	Superior, Wisconsin	10.5355	0.2555	0.0571	-	-	-	-	0.4338	(0.0001)	11.2818
	Lockport, Illinois	18.2597	0.5180	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	20.3966
	Mokena, Illinois	18.2597	0.5180	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	20.3966
	Flanagan, Illinois	18.2597	0.5180	0.0571	-	0.1978	0.0659	-	0.8367	(0.0001)	19.9351
	Griffith, Indiana	18.2597	0.5180	0.0571	-	0.1978	0.0659	0.4615	0.8367	(0.0001)	20.3966
	Stockbridge, Michigan	21.1519	0.6145	0.0571	-	0.1978	0.0659	0.4615	0.9846	(0.0001)	23.5332
	Marysville, Michigan	21.1519	0.6145	0.0571	-	0.1978	0.0659	0.4615	0.9846	(0.0001)	23.5332
	Corunna or Sarnia Terminal, Ontario	21.5494	0.6177	0.0618	-	0.1978	0.0659	0.4615	0.9910	(0.0001)	23.9450
	Westover, Ontario	23.6901	0.6673	0.0990	-	0.1978	0.0659	0.4615	1.0958	(0.0002)	26.2772
Nanticoke, Ontario	24.5024	0.6861	0.1132	-	0.1978	0.0659	0.4615	1.1356	(0.0002)	27.1623	