



**ENBRIDGE PIPELINES (FSP) L.L.C.
(FLANAGAN SOUTH PIPELINE SYSTEM)**

IN CONNECTION WITH

**ENBRIDGE PIPELINES INC.
AND
ENBRIDGE ENERGY, LIMITED PARTNERSHIP
INTERNATIONAL JOINT RATE TARIFF**

**FROM POINTS IN THE PROVINCES OF ALBERTA, SASKATCHEWAN AND MANITOBA
TO
POINTS IN THE STATE OF TEXAS**

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

Enbridge Pipelines Inc. CER Tariff No. 499, or successive issues thereof, for transportation within Canada;

Enbridge Energy, Limited Partnership FERC Tariff No. 41.18.0 or successive issues thereof, for transportation within the United States; and

Enbridge Pipelines (FSP) L.L.C. FERC Tariff No. 1.8.0, or successive issues thereof, for transportation within the United States.

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

Issued pursuant to the FERC Order on Petition for Declaratory Order dated February 28, 2014 (Docket No. OR14-5).

The rates in this tariff are expressed in U.S. dollars.

Issued on **[W]** ~~sixteen (16) days'~~ **fifteen (15) days'** notice under the authority of 18 C.F.R. 341.14. This tariff publication is conditionally accepted subject to refund pending a 30-day review period.

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

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EFFECTIVE: October 1, 2022

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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 the purpose of transportation on the Flanagan South Pipeline System in the United States.

RATES:

Rates set forth apply to transportation from the receipt point to the delivery point for a given volume tier. The Joint Committed Rate for Committed Volumes payable by a shipper at any time shall be based on its then current Committed Volume.

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.

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.

TANKAGE: Tankage charges incurred on Enbridge Pipelines Inc. or Enbridge Energy, Limited Partnership are included in the committed joint rates. For the applicable Tankage charges for the uncommitted rates in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. **[W]** ~~511~~ 507, Enbridge Pipelines Inc.'s CER RT Tariff No. 22-1, and Enbridge Energy, Limited Partnership's FERC Tariff No. 43.45.0, and successive issues thereof.

LOSS ALLOWANCE: Enbridge Pipelines Inc. shall deduct 1/20th of 1% of the volumes of Crude Petroleum received into its facilities to cover loss due to shrinkage and evaporation incident to transportation on the Carrier's facilities. Enbridge Energy, Limited Partnership and Enbridge Pipelines (FSP) L.L.C. will deduct loss allowance according to their respective Rules and Regulations.

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 state of Texas.

Enbridge Pipelines Inc. – Edmonton or Hardisty, Alberta; Kerrobert or Regina, Saskatchewan; Cromer, Manitoba to the International Border near Gretna, Manitoba, connecting to;

Enbridge Energy, Limited Partnership – International Border near Neche, North Dakota to Flanagan, Illinois, connecting to;

Flanagan South Pipeline System – Flanagan, Illinois to ECHO Terminal (Harris County), Texas; Seaway Freeport (Brazoria County), Texas; Phillips 66 Refinery Sweeny (Brazoria County), Texas; or Beaumont/Port Arthur, Texas.

**INTERNATIONAL JOINT TRANSPORTATION RATES FOR
ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP
AND FLANAGAN SOUTH PIPELINE SYSTEM**

[U] All rates on this page are unchanged.

1st OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL¹ LIGHT CRUDE PETROLEUM TO ALL DELIVERY POINTS²						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	99,999 or less	\$7.1017	\$6.8351	\$6.7161	\$6.4785	\$6.1868
15 Years	49,999 or less	\$6.8179	\$6.5511	\$6.4323	\$6.1945	\$5.9029
15 Years	50,000 +	\$6.5907	\$6.3242	\$6.2052	\$5.9673	\$5.6758

1st OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL¹ MEDIUM CRUDE PETROLEUM TO ALL DELIVERY POINTS²						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	99,999 or less	\$7.9031	7.6154	N/A	N/A	\$6.8075
15 Years	49,999 or less	\$7.6191	\$7.3316	N/A	N/A	\$6.5237
15 Years	50,000 +	\$7.3920	\$7.1044	N/A	N/A	\$6.2965

[U] All rates on this page are unchanged.

1st OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL¹ HEAVY CRUDE PETROLEUM TO ALL DELIVERY POINTS²						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	99,999 or less	\$8.3395	\$8.0161	\$7.9199	\$7.4210	\$6.9363
15 Years	49,999 or less	\$8.0556	\$7.7323	\$7.6362	\$7.1371	\$6.6525
15 Years	50,000 +	\$7.8284	\$7.5051	\$7.4090	\$6.9100	\$6.4253

2nd OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL¹ LIGHT CRUDE PETROLEUM TO ALL DELIVERY POINTS²						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	49,999 or less	\$7.7717	\$7.5051	\$7.3861	\$7.1484	\$6.8568
10 Years	50,000 – 99,999	\$7.5786	\$7.3119	\$7.1931	\$6.9554	\$6.6637
15 Years	49,999 or less	\$7.3628	\$7.0963	\$6.9775	\$6.7397	\$6.4480
15 Years	50,000 – 99,999	\$7.0221	\$6.7557	\$6.6368	\$6.3988	\$6.1073
20 Years	50,000 – 99,999	\$6.7384	\$6.4717	\$6.3528	\$6.1150	\$5.8235

[U] All rates on this page are unchanged.

2 nd OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL ¹						
MEDIUM CRUDE PETROLEUM						
TO ALL DELIVERY POINTS ²						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	49,999 or less	\$8.6111	\$8.3174	N/A	N/A	\$7.3906
10 Years	50,000 – 99,999	\$8.4122	\$8.1218	N/A	N/A	\$7.1948
15 Years	49,999 or less	\$8.1933	\$7.9029	N/A	N/A	\$6.9761
15 Years	50,000 – 99,999	\$7.8133	\$7.5230	N/A	N/A	\$6.6077
20 Years	50,000 – 99,999	\$7.5601	\$7.2697	N/A	N/A	\$6.3429

2 nd OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL ¹						
HEAVY CRUDE PETROLEUM						
TO ALL DELIVERY POINTS ²						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	49,999 or less	\$9.1341	\$8.8061	\$8.7089	\$8.2030	\$7.7116
10 Years	50,000 – 99,999	\$8.9382	\$8.6106	\$8.5132	\$8.0072	\$7.5161
15 Years	49,999 or less	\$8.7196	\$8.3917	\$8.2945	\$7.7886	\$7.2971
15 Years	50,000 – 99,999	\$8.3396	\$8.0118	\$7.9144	\$7.4085	\$6.9288
20 Years	50,000 – 99,999	\$8.0863	7.7585	\$7.6611	\$7.1553	\$6.6639

[!] All rates in this table have increased.

UNCOMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL ¹					
TO ALL DELIVERY POINTS ²					
Crude Type	From				
	Edmonton, Alberta	Hardisty, Alberta	Kerrobot, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
Light Crude	10.4631	9.8780	9.5130	8.8612	8.3904
Medium Crude	10.7526	10.1470	N/A	N/A	8.5675
Heavy Crude	11.2598	10.6183	10.1966	9.4312	8.8782

¹In addition to the rates set forth in all tables above, a separate charge of [U] \$0.3847 per barrel will be assessed for power on Enbridge Pipelines (FSP) L.L.C. As per subsection 6.02 of the TSA, the power charge is recalculated annually, on a forward-looking basis, to true-up for the actual power costs and throughputs in the previous year and to reflect the projected power costs and throughputs.

²Delivery points:

ECHO Terminal (Harris County), Texas;
Seaway Freeport (Brazoria County), Texas;
Phillips 66 Refinery Sweeny (Brazoria County), Texas;
Beaumont/Port Arthur, Texas

EXCEPTIONS:

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

- 1) Exception to Enbridge Pipelines Inc. Rules and Regulations CER No. 499, or successive issues thereof, Rule 7 and Enbridge Energy, Limited Partnership Rules and Regulations FERC No. 41.18.0, or successive issues thereof, Item 7 (a). For the purposes of this international joint tariff, Enbridge Pipelines (FSP) L.L.C. shall charge a Shipper the rate for the transportation of Crude Petroleum that is in effect on the date of receipt at the designated Receipt Point on Enbridge Pipelines (FSP) L.L.C. for such Crude Petroleum.
- 2) Exception to Enbridge Pipelines (FSP) L.L.C. Rules and Regulations FERC No. 1.8.0, or successive issues thereof, Rule 4(a)(iv). For the purposes of this international joint tariff, volume that has been accepted for transportation on Enbridge Pipelines Inc. or Enbridge Energy, Limited Partnership will be deemed to have met the Observed Viscosity specification on Enbridge Pipelines (FSP) L.L.C.
- 3) Exception to Enbridge Pipelines (FSP) L.L.C. Rules and Regulations FERC No. 1.8.0, or successive issues thereof, Rule 17(d). A Shipper's Binding Nomination will be reduced by any volume that Shipper demonstrates, directly and solely as a result of apportionment on either Enbridge Pipelines Inc. or Enbridge Energy, Limited Partnership, was not delivered to Flanagan, Illinois.

SYMBOLS:

[I] – Increase

[U] – Unchanged rate

[W] – Change in wording only

Justification For Joint Transportation Rates Between
ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP and ENBRIDGE PIPELINES (FSP) L.L.C.

Light, Medium and Heavy Crude Petroleum
Rates are in U.S. dollars per barrel unless otherwise specified

Step 1: Convert Enbridge Pipelines Inc. local tolls contained in CER No. 511 and Enbridge Energy Limited Partnership local rates contained in FERC No. 43.45.0 from \$CAD/m³ to \$CAD/bbl

ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 511 (\$CAD/m ³)				ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 511 (\$CAD/bbl)			
Delivery to International Border near Gretna, Manitoba				Delivery to International Border near Gretna, Manitoba			
	(A1)	(A2)	(A3)	(B)	(A1) / (B) = (C1)	(A2) / (B) = (C2)	(A3) / (B) = (C3)
Receipt Point	Light Crude (\$CAD/m ³)	Medium Crude (\$CAD/m ³)	Heavy Crude (\$CAD/m ³)	Conversion Factor (m ³) to (bbl)	Light Crude (\$CAD/bbl)	Medium Crude (\$CAD/bbl)	Heavy Crude (\$CAD/bbl)
Edmonton	\$41.5110	\$44.2450	\$49.0320	6.289811	\$6.5997	\$7.0344	\$7.7955
Hardisty	\$34.7210	\$37.1170	\$41.3130	6.289811	\$5.5202	\$5.9011	\$6.5682
Kerrobert	\$29.6480	N/A	\$35.3210	6.289811	\$4.7137	N/A	\$5.6156
Regina	\$20.1210	N/A	\$23.9480	6.289811	\$3.1990	N/A	\$3.8074
Cromer	\$13.2490	\$14.1440	\$15.7250	6.289811	\$2.1064	\$2.2487	\$2.5001

ENBRIDGE ENERGY, LIMITED PARTNERSHIP Local Rates Tariff - FERC No. 43.45.0 (\$US/m ³)				ENBRIDGE ENERGY, LIMITED PARTNERSHIP Local Rates Tariff - FERC No. 43.45.0 (\$US/bbl)			
To Flanagan, Illinois				Border near Neche, North Dakota To Flanagan, Illinois			
	(A4)	(A5)	(A6)	(B)	(A4) / (B) = (D1)	(A5) / (B) = (D2)	(A6) / (B) = (D3)
Receipt Point	Light Crude (\$US/m ³)	Medium Crude (\$US/m ³)	Heavy Crude (\$US/m ³)	Conversion Factor (m ³) to (bbl)	Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)
International Border near Neche, North Dakota	\$16.6067	\$17.8501	\$20.0259	6.289811	\$2.6403	\$2.8379	\$3.1839

Step 2: Convert Enbridge Pipelines Inc. local tolls contained in CER No. 501 from \$CAD/bbl to \$US/bbl

ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 511 (\$CAD/bbl)				ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 511 (\$US/bbl)			
Delivery to International Border near Gretna, Manitoba				Delivery to International Border near Gretna, Manitoba			
	(C1)	(C2)	(C3)	(E)	(C1) * (E) = F1	(C2) * (E) = F2	(C3) * (E) = F3
Receipt Point	Light Crude (\$CAD/bbl)	Medium Crude (\$CAD/bbl)	Heavy Crude (\$CAD/bbl)	Conversion Factor (\$CAD/bbl) to (\$US/bbl)	Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)
Edmonton	\$6.5997	\$7.0344	\$7.7955	0.77	\$5.0818	\$5.4165	\$6.0025
Hardisty	\$5.5202	\$5.9011	\$6.5682	0.77	\$4.2506	\$4.5438	\$5.0575
Kerrobert	\$4.7137	N/A	\$5.6156	0.77	\$3.6295	N/A	\$4.3240
Regina	\$3.1990	N/A	\$3.8074	0.77	\$2.4632	N/A	\$2.9317
Cromer	\$2.1064	\$2.2487	\$2.5001	0.77	\$1.6219	\$1.7315	\$1.9251

Step 3: Calculate the sum of the local tolls/rates by summing the Enbridge Pipelines Inc. local tolls from CER No. 511, the Enbridge Energy, Limited Partnership local rates from FERC No. 43.45.0 and the Enbridge Pipelines (FSP) L.L.C. local rate from FERC No. 2.13.0.

Sum Of Local Rates										
ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 511			ENBRIDGE ENERGY, LIMITED PARTNERSHIP Local Rates Tariff - FERC No. 43.45.0			ENBRIDGE PIPELINES (FSP) L.L.C. Local Rate Tariff - FERC No. 2.13.0		Sum of the Local Light Crude Rates	Sum of the Local Medium Crude Rates	Sum of the Local Heavy Crude Rates
(F1)	(F2)	(F3)	(D1)	(D2)	(D3)	(H)	(F1)+(D1)+(H) = (J1)	(F2)+(D2)+(H) = (J2)	(F3)+(D3)+(H) = (J3)	
Delivery to International Border near Gretna, Manitoba			From the International Border near Neche, North Dakota to Flanagan, Illinois			From Flanagan, Illinois to Delivery Points ¹		To Delivery Points ¹		
Receipt Point	Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)	Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)	(\$US/bbl)	Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)
Edmonton	\$5.0818	\$5.4165	\$6.0025	\$2.6403	\$2.8379	\$3.1839	\$5.2930	\$13.0151	\$13.5474	\$14.4794
Hardisty	\$4.2506	\$4.5438	\$5.0575	\$2.6403	\$2.8379	\$3.1839	\$5.2930	\$12.1839	\$12.6747	\$13.5344
Kerrobert	\$3.6295	N/A	\$4.3240	\$2.6403	N/A	\$3.1839	\$5.2930	\$11.5628	N/A	\$12.8009
Regina	\$2.4632	N/A	\$2.9317	\$2.6403	N/A	\$3.1839	\$5.2930	\$10.3965	N/A	\$11.4086
Cromer	\$1.6219	\$1.7315	\$1.9251	\$2.6403	\$2.8379	\$3.1839	\$5.2930	\$9.5552	\$9.8624	\$10.4020

Note 1: Delivery Points include the following locations:
ECHO Terminal (Harris County), Texas;
Seaway Freeport (Brazoria County), Texas;
Phillips 66 Refinery Sweeny (Brazoria County), Texas;
Beaumont/Port Arthur, Texas

Uncommitted Rates

Sum of the Local Rates ¹			IJT Joint Rates per FERC No. 3.31.0 / CER No. 514 ¹			Discount Resulting from Joint Rates			
			Uncommitted Rates						
	(J1)	(J2)	(J3)	(AA1)	(AA2)	(AA3)	(AA1) - (J1) = (BB1)	(AA2) - (J2) = (BB2)	(AA3) - (J3) = (BB3)
Receipt Point	Light Crude	Medium Crude	Heavy Crude	Light Crude	Medium Crude	Heavy Crude	Light Crude	Medium Crude	Heavy Crude
	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)	(\$US/bbl)
Edmonton	\$13.0151	\$13.5474	\$14.4794	\$10.4631	\$10.7526	\$11.2598	(\$2.5520)	(\$2.7948)	(\$3.2196)
Hardisty	\$12.1839	\$12.6747	\$13.5344	\$9.8780	\$10.1470	\$10.6183	(\$2.3059)	(\$2.5277)	(\$2.9161)
Kerrobert	\$11.5628	N/A	\$12.8009	\$9.5130	N/A	\$10.1966	(\$2.0498)	N/A	(\$2.6043)
Regina	\$10.3965	N/A	\$11.4086	\$8.8612	N/A	\$9.4312	(\$1.5353)	N/A	(\$1.9774)
Cromer	\$9.5552	\$9.8624	\$10.4020	\$8.3904	\$8.5675	\$8.8782	(\$1.1648)	(\$1.2949)	(\$1.5238)

Note 1: Local tolls for transportation of Light, Medium and Heavy Crude Petroleum from Enbridge Pipelines Inc. receipt points to the following locations:

- ECHO Terminal (Harris County), Texas;
- Seaway Freeport (Brazoria County), Texas;
- Phillips 66 Refinery Sweeny (Brazoria County), Texas;
- Beaumont/Port Arthur, Texas

Appendix B - IJT Rates Including Non-Performance Penalty Credit Amount for Light, Medium and Heavy Crude Petroleum
ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP and ENBRIDGE PIPELINES (FSP) L.L.C.
Worksheet supporting FERC No. 3.31.0 & CER No. 514
Rates are in U.S. dollars per barrel

Uncommitted Rates

ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per FERC No. 3.31.0 and CER No. 514 Uncommitted Rates					ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per FERC No. 3.31.0 and CER No. 514 Uncommitted Rates		
Receipt Point	(X1)	(X2)	(X3)	(Z)	(X1) + (Z) = (Y1)	(X2) + (Z) = (Y2)	(X3) + (Z) = (Y3)
	Light Crude	Medium Crude	Heavy Crude	Non-Performance Penalty Credit	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$10.4631	\$10.7526	\$11.2598	0.0000	\$10.4631	\$10.7526	\$11.2598
Hardisty	\$9.8780	\$10.1470	\$10.6183	0.0000	\$9.8780	\$10.1470	\$10.6183
Kerrobert	\$9.5130	N/A	\$10.1966	0.0000	\$9.5130	N/A	\$10.1966
Regina	\$8.8612	N/A	\$9.4312	0.0000	\$8.8612	N/A	\$9.4312
Cromer	\$8.3904	\$8.5675	\$8.8782	0.0000	\$8.3904	\$8.5675	\$8.8782

Numbers may not sum up exactly due to rounding.