



**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**

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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. 1.9.0 or successive issues thereof, for transportation within the United States.

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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.

~~[C] Issued pursuant to the FERC Order Reinstating Index Level issued on September 17, 2024 in Docket No. RM93-11.~~

~~[C] Issued on three (3) 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.~~

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

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**ISSUED: November 29, 2024**

**EFFECTIVE: January 1, 2025**

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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/m<sup>3</sup> up to but not including 876 kg/m<sup>3</sup> and a viscosity from 2 mm<sup>2</sup>/s up to but not including 20 mm<sup>2</sup>/s will be classified as Light Crude Petroleum.

**MEDIUM CRUDE PETROLEUM (MEDIUM)** – A commodity having a density from 876 kg/m<sup>3</sup> up to but not including 904 kg/m<sup>3</sup> and a viscosity from 20 mm<sup>2</sup>/s up to but not including 100 mm<sup>2</sup>/s will be classified as Medium Crude Petroleum.

**HEAVY CRUDE PETROLEUM (HEAVY)** – A commodity having a density from 904 kg/m<sup>3</sup> to 940 kg/m<sup>3</sup> inclusive and a viscosity from 100 up to and including 350 mm<sup>2</sup>/s will be classified as Heavy Crude Petroleum.

**TANKAGE:** Tankage charges incurred on Enbridge Pipelines Inc. or Enbridge Energy, Limited Partnership are included in the 1<sup>st</sup> and 2<sup>nd</sup> Open Season Committed International Joint Rates. For the applicable Tankage charges for the 3<sup>rd</sup> Open Season Committed International Joint Rates and uncommitted rates in Canada and the United States, refer to Enbridge Pipelines Inc.'s CER Tariff No. [W] ~~560~~ 550, Enbridge Pipelines Inc.'s CER RT Tariff No. [W] ~~24-2~~ 24-1, and Enbridge Energy, Limited Partnership's FERC Tariff No. 43.51.0, and successive issues thereof.

**LOSS ALLOWANCE:** Enbridge Pipelines Inc. shall deduct 1/20<sup>th</sup> 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, Order MO-030-2014 and the CER decisions and directions under the Five-Year Review of Abandonment Cost Estimates and Set-Aside/Collection Mechanisms 2021 ("LMCI Surcharges").

Minnesota Abandonment Surcharge: Pursuant to the Minnesota Public Utilities Commission Order issued in Docket No. PL-9/CN-21-823, the transportation rates include a surcharge for movements of all commodities, which is adjusted for distance on the Enbridge Energy, Limited Partnership pipeline system.

**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**

[D] All rates on this page have decreased.

<b>1<sup>st</sup> OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL<sup>1</sup> LIGHT CRUDE PETROLEUM TO ALL DELIVERY POINTS<sup>2</sup></b>						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	99,999 or less	\$7.6433	\$7.3605	\$7.2352	\$6.9853	\$6.6764
15 Years	49,999 or less	\$7.3399	\$7.0569	\$6.9318	\$6.6817	\$6.3729
15 Years	50,000 +	\$7.0971	\$6.8143	\$6.6891	\$6.4388	\$6.1301

<b>1<sup>st</sup> OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL<sup>1</sup> MEDIUM CRUDE PETROLEUM TO ALL DELIVERY POINTS<sup>2</sup></b>						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	99,999 or less	\$8.5001	\$8.1947	N/A	N/A	\$7.3399
15 Years	49,999 or less	\$8.1965	\$7.8913	N/A	N/A	\$7.0365
15 Years	50,000 +	\$7.9537	\$7.6485	N/A	N/A	\$6.7936

[D] All rates on this page have decreased.

<b>1<sup>st</sup> OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL<sup>1</sup></b>						
<b>HEAVY CRUDE PETROLEUM</b>						
<b>TO ALL DELIVERY POINTS<sup>2</sup></b>						
<b>Term</b>	<b>Volume (barrels per day)</b>	<b>From</b>				
		<b>Edmonton, Alberta</b>	<b>Hardisty, Alberta</b>	<b>Kerrobert, Saskatchewan</b>	<b>Regina, Saskatchewan</b>	<b>Cromer, Manitoba</b>
10 Years	99,999 or less	\$8.9667	\$8.6231	\$8.5222	\$7.9928	\$7.4777
15 Years	49,999 or less	\$8.6631	\$8.3197	\$8.2189	\$7.6894	\$7.1743
15 Years	50,000 +	\$8.4202	\$8.0767	\$7.9760	\$7.4466	\$6.9313

<b>2<sup>nd</sup> OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL<sup>1</sup></b>						
<b>LIGHT CRUDE PETROLEUM</b>						
<b>TO ALL DELIVERY POINTS<sup>2</sup></b>						
<b>Term</b>	<b>Volume (barrels per day)</b>	<b>From</b>				
		<b>Edmonton, Alberta</b>	<b>Hardisty, Alberta</b>	<b>Kerrobert, Saskatchewan</b>	<b>Regina, Saskatchewan</b>	<b>Cromer, Manitoba</b>
10 Years	49,999 or less	\$8.3596	\$8.0767	\$7.9515	\$7.7014	\$7.3926
10 Years	50,000 – 99,999	\$8.1532	\$7.8702	\$7.7452	\$7.4951	\$7.1862
15 Years	49,999 or less	\$7.9225	\$7.6397	\$7.5147	\$7.2645	\$6.9556
15 Years	50,000 – 99,999	\$7.5583	\$7.2756	\$7.1505	\$6.9001	\$6.5914
20 Years	50,000 – 99,999	\$7.2550	\$6.9720	\$6.8469	\$6.5967	\$6.2879

[D] All rates on this page have decreased.

2 <sup>nd</sup> OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL <sup>1</sup>						
MEDIUM CRUDE PETROLEUM						
TO ALL DELIVERY POINTS <sup>2</sup>						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	49,999 or less	\$9.2570	\$8.9451	N/A	N/A	\$7.9633
10 Years	50,000 – 99,999	\$9.0443	\$8.7360	N/A	N/A	\$7.7540
15 Years	49,999 or less	\$8.8104	\$8.5021	N/A	N/A	\$7.5201
15 Years	50,000 – 99,999	\$8.4041	\$8.0959	N/A	N/A	\$7.1263
20 Years	50,000 – 99,999	\$8.1334	\$7.8251	N/A	N/A	\$6.8432

2 <sup>nd</sup> OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL <sup>1</sup>						
HEAVY CRUDE PETROLEUM						
TO ALL DELIVERY POINTS <sup>2</sup>						
Term	Volume (barrels per day)	From				
		Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
10 Years	49,999 or less	\$9.8161	\$9.4676	\$9.3657	\$8.8289	\$8.3064
10 Years	50,000 – 99,999	\$9.6067	\$9.2587	\$9.1564	\$8.6196	\$8.0974
15 Years	49,999 or less	\$9.3730	\$9.0246	\$8.9227	\$8.3858	\$7.8634
15 Years	50,000 – 99,999	\$8.9668	\$8.6184	\$8.5163	\$7.9795	\$7.4696
20 Years	50,000 – 99,999	\$8.6959	8.3477	\$8.2456	\$7.7088	\$7.1864

[D] All rates on this page have decreased.

**3rd OPEN SEASON COMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL<sup>1</sup>**  
**APPLICABLE FROM COMMENCEMENT DATE TO JUNE 30, 2030**  
**ELEVEN (11) YEAR INITIAL TERM FOR COMMITTED VOLUMES OF HEAVY CRUDE PETROLEUM**  
**GREATER THAN OR EQUAL TO 55,000 Bpd TO ALL DELIVERY POINTS<sup>2,3</sup>**

Term	Volume (barrels per day)	From	
		Edmonton, Alberta	Hardisty, Alberta
11 Years	55,000 or greater	\$8.6982	\$8.3600

[D] All rates on this page have decreased, unless otherwise noted.

UNCOMMITTED INTERNATIONAL JOINT RATES IN U.S. DOLLARS PER BARREL <sup>1</sup>					
TO ALL DELIVERY POINTS <sup>2</sup>					
Crude Type	From				
	Edmonton, Alberta	Hardisty, Alberta	Kerrobert, Saskatchewan	Regina, Saskatchewan	Cromer, Manitoba
Light Crude	10.4794	10.2800	10.0394	9.6370	9.3464
Medium Crude	10.7267	10.5160	N/A	N/A	9.5315
Heavy Crude	9.8261	9.4776	9.3757	8.8389	8.3164

<sup>1</sup> In addition to the rates set forth in all tables above, a separate charge of [U] \$0.4682 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.

<sup>2</sup> Delivery points:

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

<sup>3</sup> Committed International Joint Rates are available to Committed Shippers that acquired Contracts through the Open Season held between November 2, 2023 and November 29, 2023.

#### 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. 1.9.0, 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. 1.9.0, 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:**

**[D]** – Decrease

**[N]** – New

**[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. 560 and Enbridge Energy Limited Partnership local rates contained in FERC No. 43.51.0 from \$CAD/m<sup>3</sup> to \$CAD/bbl

ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 560 (\$CAD/m <sup>3</sup> )			
Delivery to International Border near Gretna, Manitoba			
	(A1)	(A2)	(A3)
Receipt Point	Light Crude (\$CAD/m <sup>3</sup> )	Medium Crude (\$CAD/m <sup>3</sup> )	Heavy Crude (\$CAD/m <sup>3</sup> )
Edmonton	\$21.1808	\$22.4787	\$24.7502
Hardisty	\$20.5021	\$21.7856	\$24.0315
Kerrobert	\$19.4737	N/A	\$22.9631
Regina	\$18.1045	N/A	\$21.5136
Cromer	\$17.1157	\$18.3342	\$20.4666

(B)
Conversion Factor (m <sup>3</sup> ) to (bbl)
6.289811
6.289811
6.289811
6.289811
6.289811

ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 560 (\$CAD/bbl)			
Delivery to International Border near Gretna, Manitoba			
(A1) / (B) = (C1)	(A2) / (B) = (C2)	(A3) / (B) = (C3)	
Light Crude (\$CAD/bbl)	Medium Crude (\$CAD/bbl)	Heavy Crude (\$CAD/bbl)	
\$3.3675	\$3.5738	\$3.9350	
\$3.2596	\$3.4636	\$3.8207	
\$3.0961	N/A	\$3.6508	
\$2.8784	N/A	\$3.4204	
\$2.7212	\$2.9149	\$3.2539	

ENBRIDGE ENERGY, LIMITED PARTNERSHIP Local Rates Tariff - FERC No. 43.51.0 (\$US/m <sup>3</sup> )			
To Flanagan, Illinois			
	(A4)	(A5)	(A6)
Receipt Point	Light Crude (\$US/m <sup>3</sup> )	Medium Crude (\$US/m <sup>3</sup> )	Heavy Crude (\$US/m <sup>3</sup> )
International Border near Neche, North Dakota	\$15.5559	\$16.6844	\$18.6641

(B)
Conversion Factor (m <sup>3</sup> ) to (bbl)
6.289811

ENBRIDGE ENERGY, LIMITED PARTNERSHIP Local Rates Tariff - FERC No. 43.51.0 (\$US/bbl)			
Border near Neche, North Dakota To Flanagan, Illinois			
(A4) / (B) = (D1)	(A5) / (B) = (D2)	(A6) / (B) = (D3)	
Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)	
\$2.4732	\$2.6526	\$2.9674	

Step 2: Convert Enbridge Pipelines Inc. local tolls contained in CER No. 560 from \$CAD/bbl to \$US/bbl

ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 560 (\$CAD/bbl)			
Delivery to International Border near Gretna, Manitoba			
	(C1)	(C2)	(C3)
Receipt Point	Light Crude (\$CAD/bbl)	Medium Crude (\$CAD/bbl)	Heavy Crude (\$CAD/bbl)
Edmonton	\$3.3675	\$3.5738	\$3.9350
Hardisty	\$3.2596	\$3.4636	\$3.8207
Kerrobert	\$3.0961	N/A	\$3.6508
Regina	\$2.8784	N/A	\$3.4204
Cromer	\$2.7212	\$2.9149	\$3.2539

(E)
Conversion Factor (\$CAD/bbl) to (\$US/bbl)
0.73
0.73
0.73
0.73
0.73

ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 560 (\$US/bbl)			
Delivery to International Border near Gretna, Manitoba			
(C1) * (E) = F1	(C2) * (E) = F2	(C3) * (E) = F3	
Light Crude (\$US/bbl)	Medium Crude (\$US/bbl)	Heavy Crude (\$US/bbl)	
\$2.4583	\$2.6089	\$2.8726	
\$2.3795	\$2.5284	\$2.7891	
\$2.2602	N/A	\$2.6651	
\$2.1012	N/A	\$2.4969	
\$1.9865	\$2.1279	\$2.3753	

Step 3: Calculate the sum of the local tolls/rates by summing the Enbridge Pipelines Inc. local tolls from CER No. 560, the Enbridge Energy, Limited Partnership local rates from FERC No. 43.51.0 and the Enbridge Pipelines (FSP) L.L.C. local rate from FERC No. 2.20.0.

Sum Of Local Rates											
ENBRIDGE PIPELINES INC. Local Tolls Tariff - CER No. 560			ENBRIDGE ENERGY, LIMITED PARTNERSHIP Local Rates Tariff - FERC No. 43.51.0			ENBRIDGE PIPELINES (FSP) L.L.C. Local Rate Tariff - FERC No. 2.20.0			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 <sup>1</sup>			To Delivery Points <sup>1</sup>		
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)	(\$US/bbl)
Edmonton	\$2.4583	\$2.6089	\$2.8726	\$2.4732	\$2.6526	\$2.9674	\$6.3059	\$11.2374	\$11.5674	\$12.1459	\$11.5674
Hardisty	\$2.3795	\$2.5284	\$2.7891	\$2.4732	\$2.6526	\$2.9674	\$6.3059	\$11.1586	\$11.4869	\$12.0624	\$11.4869
Kerrobert	\$2.2602	N/A	\$2.6651	\$2.4732	N/A	\$2.9674	\$6.3059	\$11.0393	N/A	\$11.9384	\$11.9384
Regina	\$2.1012	N/A	\$2.4969	\$2.4732	N/A	\$2.9674	\$6.3059	\$10.8803	N/A	\$11.7702	\$11.7702
Cromer	\$1.9865	\$2.1279	\$2.3753	\$2.4732	\$2.6526	\$2.9674	\$6.3059	\$10.7656	\$11.0864	\$11.6486	\$11.6486

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 <sup>1</sup>			IJT Joint Rates per FERC No. 3.48.0 / CER No. 563 <sup>1</sup>			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	\$11.2374	\$11.5674	\$12.1459	\$10.4794	\$10.7267	\$9.8261	(\$0.7580)	(\$0.8407)	(\$2.3198)
Hardisty	\$11.1586	\$11.4869	\$12.0624	\$10.2800	\$10.5160	\$9.4776	(\$0.8786)	(\$0.9710)	(\$2.5848)
Kerrobert	\$11.0393	N/A	\$11.9384	\$10.0394	N/A	\$9.3757	(\$1.0000)	N/A	(\$2.5627)
Regina	\$10.8803	N/A	\$11.7702	\$9.6370	N/A	\$8.8389	(\$1.2433)	N/A	(\$2.9313)
Cromer	\$10.7656	\$11.0864	\$11.6486	\$9.3464	\$9.5315	\$8.3164	(\$1.4192)	(\$1.5549)	(\$3.3322)

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 Abandonment Surcharge Collection Amount, Non-Performance Penalty Credit and MPUC Surcharge for Light, Medium and Heavy Crude Petroleum**  
 ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP and ENBRIDGE PIPELINES (FSP) L.L.C.  
 Worksheet supporting CER Tariff No. 563/ FERC No. 3.48.0

All rates listed in this appendix are destined to all of the following delivery points  
 ECHO Terminal (Harris County), Texas;  
 Seaway Freepart (Brazoria County), Texas;  
 Phillips 66 Refinery Sweeny (Brazoria County), Texas;  
 Beaumont/Port Arthur, Texas

**1st Open Season - Committed Joint Rates**

ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 10 Year Commitment and 99,999 barrels per day or less							ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 10 Year Commitment and 99,999 barrels per day or less		
Receipt Point	(A1)	(A2)	(A3)	(B)	(C)	(D)	(A1) + (B) + (C) + (D) = (E1)	(A2) + (B) + (C) + (D) = (E2)	(A3) + (B) + (C) + (D) = (E3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$7.5513	\$8.4081	\$8.8747	\$0.0263	(\$0.0000)	\$0.0657	\$7.6433	\$8.5001	\$8.9667
Hardisty	\$7.2721	\$8.1063	\$8.5347	\$0.0227	(\$0.0000)	\$0.0657	\$7.3605	\$8.1947	\$8.6231
Kerrobert	\$7.1505	N/A	\$8.4375	\$0.0190	\$0.0000	\$0.0657	\$7.2352	N/A	\$8.5222
Regina	\$6.9080	N/A	\$7.9155	\$0.0116	\$0.0000	\$0.0657	\$6.9853	N/A	\$7.9928
Cromer	\$6.6044	\$7.2679	\$7.4057	\$0.0063	\$0.0000	\$0.0657	\$6.6764	\$7.3399	\$7.4777

ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 49,999 barrels per day or less							ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 49,999 barrels per day or less		
Receipt Point	(F1)	(F2)	(F3)	(B)	(C)	(D)	(F1) + (B) + (C) + (D) = (G1)	(F2) + (B) + (C) + (D) = (G2)	(F3) + (B) + (C) + (D) = (G3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$7.2479	\$8.1045	\$8.5711	\$0.0263	(\$0.0000)	\$0.0657	\$7.3399	\$8.1965	\$8.6631
Hardisty	\$6.9685	\$7.8029	\$8.2313	\$0.0227	(\$0.0000)	\$0.0657	\$7.0569	\$7.8913	\$8.3197
Kerrobert	\$6.8471	N/A	\$8.1342	\$0.0190	\$0.0000	\$0.0657	\$6.9318	N/A	\$8.2189
Regina	\$6.6044	N/A	\$7.6121	\$0.0116	\$0.0000	\$0.0657	\$6.6817	N/A	\$7.6894
Cromer	\$6.3009	\$6.9645	\$7.1023	\$0.0063	\$0.0000	\$0.0657	\$6.3729	\$7.0365	\$7.1743

ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 50,000 barrels per day or greater							ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 50,000 barrels per day or greater		
Receipt Point	(H1)	(H2)	(H3)	(B)	(C)	(D)	(H1) + (B) + (C) + (D) = (I1)	(H2) + (B) + (C) + (D) = (I2)	(H3) + (B) + (C) + (D) = (I3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$7.0051	\$7.8617	\$8.3282	\$0.0263	(\$0.0000)	\$0.0657	\$7.0971	\$7.9537	\$8.4202
Hardisty	\$6.7259	\$7.5601	\$7.9883	\$0.0227	(\$0.0000)	\$0.0657	\$6.8143	\$7.6485	\$8.0767
Kerrobert	\$6.6044	N/A	\$7.8913	\$0.0190	\$0.0000	\$0.0657	\$6.6891	N/A	\$7.9760
Regina	\$6.3615	N/A	\$7.3693	\$0.0116	\$0.0000	\$0.0657	\$6.4388	N/A	\$7.4466
Cromer	\$6.0581	\$6.7216	\$6.8393	\$0.0063	\$0.0000	\$0.0657	\$6.1301	\$6.7936	\$6.9313

Appendix B - IUT Rates including Abandonment Surcharge Collection Amount, Non-Performance Penalty Credit and MPUC Surcharge for Light, Medium and Heavy Crude Petroleum  
 ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP and ENBRIDGE PIPELINES (FSP) L.L.C.  
 Worksheet supporting CER Tariff No. 563 and FERC No. 3.48.0

2<sup>nd</sup> Open Season - Committed Joint Rates

ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 10 Year Commitment and 49,999 barrels per day or less							ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 10 Year Commitment and 49,999 barrels per day or less		
Receipt Point	(J1)	(J2)	(J3)	(B)	(C)	(D)	(J1) + (B) + (C) + (D) = (K1)	(J2) + (B) + (C) + (D) = (K2)	(J3) + (B) + (C) + (D) = (K3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$8.2676	\$9.1650	\$9.7241	\$0.0263	(\$0.0000)	\$0.0657	\$8.3596	\$9.2570	\$9.8161
Hardisty	\$7.9883	\$8.8567	\$9.3792	\$0.0227	(\$0.0000)	\$0.0657	\$8.0767	\$8.9451	\$9.4676
Kerrobert	\$7.8668	N/A	\$9.2810	\$0.0190	\$0.0000	\$0.0657	\$7.9515	N/A	\$9.3657
Regina	\$7.6241	N/A	\$8.7516	\$0.0116	\$0.0000	\$0.0657	\$7.7014	N/A	\$8.8289
Cromer	\$7.3206	\$7.8913	\$8.2344	\$0.0063	\$0.0000	\$0.0657	\$7.3926	\$7.9633	\$8.3064

ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 10 Year Commitment and 50,000 - 99,999 barrels per day							ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 10 Year Commitment and 50,000 - 99,999 barrels per day		
Receipt Point	(L1)	(L2)	(L3)	(B)	(C)	(D)	(L1) + (B) + (C) + (D) = (M1)	(L2) + (B) + (C) + (D) = (M2)	(L3) + (B) + (C) + (D) = (M3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$8.0612	\$8.9523	\$9.5147	\$0.0263	(\$0.0000)	\$0.0657	\$8.1532	\$9.0443	\$9.6067
Hardisty	\$7.7818	\$8.6476	\$9.1703	\$0.0227	(\$0.0000)	\$0.0657	\$7.8702	\$8.7360	\$9.2587
Kerrobert	\$7.6605	N/A	\$9.0717	\$0.0190	\$0.0000	\$0.0657	\$7.7452	N/A	\$9.1564
Regina	\$7.4178	N/A	\$8.5423	\$0.0116	\$0.0000	\$0.0657	\$7.4951	N/A	\$8.6196
Cromer	\$7.1142	\$7.6820	\$8.0254	\$0.0063	\$0.0000	\$0.0657	\$7.1862	\$7.7540	\$8.0974

ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 49,999 barrels per day or less							ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 49,999 barrels per day or less		
Receipt Point	(N1)	(N2)	(N3)	(B)	(C)	(D)	(N1) + (B) + (C) + (D) = (O1)	(N2) + (B) + (C) + (D) = (O2)	(N3) + (B) + (C) + (D) = (O3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$7.8305	\$8.7184	\$9.2810	\$0.0263	(\$0.0000)	\$0.0657	\$7.9225	\$8.8104	\$9.3730
Hardisty	\$7.5513	\$8.4137	\$8.9362	\$0.0227	(\$0.0000)	\$0.0657	\$7.6397	\$8.5021	\$9.0246
Kerrobert	\$7.4300	N/A	\$8.8380	\$0.0190	\$0.0000	\$0.0657	\$7.5147	N/A	\$8.9227
Regina	\$7.1872	N/A	\$8.3085	\$0.0116	\$0.0000	\$0.0657	\$7.2645	N/A	\$8.3858
Cromer	\$6.8836	\$7.4481	\$7.7914	\$0.0063	\$0.0000	\$0.0657	\$6.9556	\$7.5201	\$7.8634

ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 50,000 - 99,999 barrels per day							ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 15 Year Commitment and 50,000 - 99,999 barrels per day		
Receipt Point	(P1)	(P2)	(P3)	(B)	(C)	(D)	(P1) + (B) + (C) + (D) = (Q1)	(P2) + (B) + (C) + (D) = (Q2)	(P3) + (B) + (C) + (D) = (Q3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$7.4663	\$8.3121	\$8.8748	\$0.0263	(\$0.0000)	\$0.0657	\$7.5583	\$8.4041	\$8.9668
Hardisty	\$7.1872	\$8.0075	\$8.5300	\$0.0227	(\$0.0000)	\$0.0657	\$7.2756	\$8.0959	\$8.6184
Kerrobert	\$7.0658	N/A	\$8.4316	\$0.0190	\$0.0000	\$0.0657	\$7.1505	N/A	\$8.5163
Regina	\$6.8228	N/A	\$7.9022	\$0.0116	\$0.0000	\$0.0657	\$6.9001	N/A	\$7.9795
Cromer	\$6.5194	\$7.0543	\$7.3976	\$0.0063	\$0.0000	\$0.0657	\$6.5914	\$7.1263	\$7.4696

ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 20 Year Commitment and 50,000 - 99,999 barrels per day							ENBRIDGE PIPELINES (FSP) L.L.C. IUT Joint Rates per CER No. 563 and FERC No. 3.48.0 20 Year Commitment and 50,000 - 99,999 barrels per day		
Receipt Point	(R1)	(R2)	(R3)	(B)	(C)	(D)	(R1) + (B) + (C) + (D) = (S1)	(R2) + (B) + (C) + (D) = (S2)	(R3) + (B) + (C) + (D) = (S3)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$7.1630	\$8.0414	\$8.6039	\$0.0263	(\$0.0000)	\$0.0657	\$7.2550	\$8.1334	\$8.6959
Hardisty	\$6.8836	\$7.7367	\$8.2593	\$0.0227	(\$0.0000)	\$0.0657	\$6.9720	\$7.8251	\$8.3477
Kerrobert	\$6.7622	N/A	\$8.1609	\$0.0190	\$0.0000	\$0.0657	\$6.8469	N/A	\$8.2456
Regina	\$6.5194	N/A	\$7.6315	\$0.0116	\$0.0000	\$0.0657	\$6.5967	N/A	\$7.7088
Cromer	\$6.2159	\$6.7712	\$7.1144	\$0.0063	\$0.0000	\$0.0657	\$6.2879	\$6.8432	\$7.1864

**Appendix B - IJT Rates Including Abandonment Surcharge Collection Amount, Non-Performance Penalty Credit and MPUC Surcharge for Light, Medium and Heavy Crude Petroleum**  
 ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP and ENBRIDGE PIPELINES (FSP) L.L.C.  
 Worksheet supporting CER Tariff No. 563 and FERC No. 3.48.0

**3<sup>rd</sup> Open Season - Committed Joint Rates**

ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 20 Year Commitment and 50,000 - 99,999 barrels per day					ENBRIDGE PIPELINES (FSP) L.L.C. IJT Joint Rates per CER No. 563 and FERC No. 3.48.0 20 Year Commitment and 50,000 - 99,999 barrels per day
Receipt Point	(T)	(B)	(C)	(D)	(T) + (B) + (C) + (D) = (U)
	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$8.6062	\$0.0263	(\$0.0000)	\$0.0657	\$8.6982
Hardisty	\$8.2716	\$0.0227	(\$0.0000)	\$0.0657	\$8.3600

Appendix B - IJT Rates Including Abandonment Surcharge Collection Amount, Non-Performance Penalty Credit and MPUC Surcharge for Light, Medium and Heavy Crude  
ENBRIDGE PIPELINES INC., ENBRIDGE ENERGY, LIMITED PARTNERSHIP and ENBRIDGE PIPELINES (FSP) L.L.C.  
Worksheet supporting CER Tariff No. 563 and FERC No. 3.48.0  
Rates are in U.S. dollars per barrel

## Uncommitted Rates

ENBRIDGE PIPELINES (FSP) L.L.C.							ENBRIDGE PIPELINES (FSP) L.L.C.			
IJT Joint Rates per CER No. 563 and FERC No. 3.48.0							IJT Joint Rates per CER No. 563 and FERC No. 3.48.0			
Receipt Point	(A)	(B)	(C)	(D)	(E)	(F)	(A) + (D) + (E) + (F) = (G)	(B) + (D) + (E) + (F) = (H)	(J)	(C) + (D) + (E) + (F) + (J) = (K)
	Light Crude	Medium Crude	Heavy Crude	Abandonment Surcharge	Non-Performance Penalty Credit	MPUC Surcharge	Total Light Crude Rate	Total Medium Crude Rate	Heavy Crude Discount	Total Heavy Crude Rate
	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)	(\$/bbl)
Edmonton	\$10.3874	\$10.6348	\$11.0676	\$0.0263	(\$0.0000)	\$0.0657	\$10.4794	\$10.7267	(\$1.3334)	\$9.8261
Hardisty	\$10.1917	\$10.4276	\$10.8406	\$0.0227	(\$0.0000)	\$0.0657	\$10.2800	\$10.5160	(\$1.4513)	\$9.4776
Kerrobert	\$9.9547	N/A	\$10.5722	\$0.0190	\$0.0000	\$0.0657	\$10.0394	N/A	(\$1.2812)	\$9.3757
Regina	\$9.5598	N/A	\$10.1143	\$0.0116	\$0.0000	\$0.0657	\$9.6370	N/A	(\$1.3526)	\$8.8389
Cromer	\$9.2745	\$9.4596	\$9.7834	\$0.0063	\$0.0000	\$0.0657	\$9.3464	\$9.5315	(\$1.5390)	\$8.3164

Numbers may not sum up exactly due to rounding.