

**ENBRIDGE ENERGY, LIMITED PARTNERSHIP**

**LOCAL TARIFF
APPLYING ON
CRUDE PETROLEUM AND NATURAL GAS LIQUIDS**

**FROM
THE INTERNATIONAL BOUNDARY NEAR NECHE, NORTH DAKOTA
AND POINTS IN THE STATES OF ILLINOIS, INDIANA, MICHIGAN, AND MINNESOTA**

**TO
POINTS IN THE STATES OF ILLINOIS, INDIANA, MICHIGAN, MINNESOTA,
WISCONSIN AND THE INTERNATIONAL BOUNDARY NEAR MARYSVILLE, MICHIGAN**

The rates listed in this tariff are for the transportation of Crude Petroleum and Natural Gas Liquids by the Carrier. The transportation rates listed in this tariff are subject to the Rules and Regulations published in the Carrier's Tariffs FERC Nos. 41.18.0 and 42.5.0, and reissues thereof.

The rates listed in this tariff are payable in United States currency and are applicable on the United States movement of Crude Petroleum and Natural Gas Liquids tendered to the Carrier at established receiving points in the United States for delivery to established delivery points in the United States.

Issued pursuant to the Federal Energy Regulatory Commission letter order dated December 21, 1998, in Docket No. OR99-2-000, Federal Energy Regulatory Commission letter order dated June 30, 2004, in Docket No. OR04-2-000 and Federal Energy Regulatory Commission letter order dated November 27, 2023, in Docket Nos. IS21-352-000, IS21-352-001 and DO21-15-000 (consolidated). The Facilities Surcharge has since been supplemented and approved by the Commission to include additional projects under the following Docket Nos.: OR06-3-000, OR08-10-000, OR08-12-000, OR09-5-000, OR10-7-000, OR11-5-000, OR12-8-000, OR13-11-000, OR14-13-000, OR14-33-000, OR15-4-000, OR16-9-000, OR17-3-000, OR21-9-000, and IS21-352.

[N] Filed in Compliance with 18 C.F.R. 342.3 Indexing.

Issued in Compliance with 18 C.F.R. 341.3 Form of Tariff.

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

ISSUED: May 30, 2024

EFFECTIVE: July 1, 2024

ISSUED BY:

Erin Rolstad

Director, **[W]** LP Regulatory and Mainline
Commercial Strategy

~~Regulatory Strategy & Compliance~~

Enbridge Pipelines Inc.

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COMPILED BY:

Theresa Broderick

[W] LP Regulatory ~~Strategy & Compliance~~

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TRANSPORTATION RATES

Commodities shall be classified on the basis of the density and viscosity of such commodities at the earlier time of receipt by the Carrier or 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 the Carrier'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 - 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/m^3) and a viscosity of up to but not including 0.4 square millimeters per second (mm^2/s) will be classified as **Natural Gas Liquids (NGL)**.

LIGHT CRUDE PETROLEUM - A commodity having a density from 600 kg/m^3 up to but not including 876 kg/m^3 and a viscosity from 0.4 mm^2/s up to but not including 20 mm^2/s will be classified as **Light Crude Petroleum**.

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

HEAVY CRUDE PETROLEUM - A commodity having a density from 904 kg/m^3 to 940 kg/m^3 inclusive and a viscosity from 100 to 350 mm^2/s will be classified as **Heavy Crude Petroleum**.

[I] All rates on this page have increased.

NATURAL GAS LIQUIDS

TABLE OF TRANSPORTATION RATES FOR NGL IN US DOLLARS PER CUBIC METER			
FROM	TO		RATE
International Boundary near Neche, North Dakota	Superior, Wisconsin	(c), (i), [N] (j)	6.2658
	Rapid River, Michigan	(c), (g), (i), [N] (j)	10.3609
	International Boundary near Marysville, Michigan	(g), (i), [N] (j)	16.1166

[I] All rates on this page have increased.

LIGHT CRUDE PETROLEUM

TABLE OF TRANSPORTATION RATES FOR LIGHT CRUDE PETROLEUM IN US DOLLARS PER CUBIC METER			
FROM	TO		RATE
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	(c), (i), [N] (j)	3.4236
	Superior, Wisconsin	(c), (d), (i), [N] (j)	7.0589
	Lockport, Illinois	(c), (i), [N] (j)	15.2439
	Mokena, Illinois	(c), (i), [N] (j)	15.2439
	Flanagan, Illinois	(c), (e), (i), [N] (j)	15.2439
	Griffith, Indiana	(c), (e), (i), [N] (j)	15.2439
	Stockbridge, Michigan	(c), (i), [N] (j)	18.3321
	Marysville, Michigan	(c), (i), [N] (j)	18.3321
	International Boundary near Marysville, Michigan	(i), [N] (j)	17.9277
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c)	0.9038
	Superior, Wisconsin	(c), (d), (i), [N] (j)	5.4608
	Lockport, Illinois	(c), (i), [N] (j)	13.6441
	Mokena, Illinois	(c), (i), [N] (j)	13.6441
	Flanagan, Illinois	(c), (e), (i), [N] (j)	13.6441
	Griffith, Indiana	(c),(e), (i), [N] (j)	13.6441
	Stockbridge, Michigan	(c), (i), [N] (j)	16.7290
	Marysville, Michigan	(c), (i), [N] (j)	16.7290
	International Boundary near Marysville, Michigan	(i), [N] (j)	16.3276
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i), [N] (j)	2.0878
	Stockbridge, Michigan	(c), (i), [N] (j)	4.9399
	Marysville, Michigan	(c), (i), [N] (j)	6.6893
	International Boundary near Marysville, Michigan	(i), [N] (j)	6.3410
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	1.5884
	Stockbridge, Michigan	(c), (i), [N] (j)	4.9399
	Marysville, Michigan	(c), (i), [N] (j)	6.6893
	International Boundary near Marysville, Michigan	(i), [N] (j)	6.3410
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i), [N] (j)	3.3516
	International Boundary near Marysville, Michigan	(i), [N] (j)	3.0002
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i), [N] (j)	4.8326
	International Boundary near Marysville, Michigan	(i), [N] (j)	4.4639

[I] All rates on this page have increased.

MEDIUM CRUDE PETROLEUM

TABLE OF TRANSPORTATION RATES FOR MEDIUM CRUDE PETROLEUM IN US DOLLARS PER CUBIC METER			
FROM	TO		RATE
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	(c), (i), [N] (j)	3.6121
	Superior, Wisconsin	(c), (d), (i), [N] (j)	7.5141
	Lockport, Illinois	(c), (i), [N] (j)	16.3504
	Mokena, Illinois	(c), (i), [N] (j)	16.3504
	Flanagan, Illinois	(c), (e), (i), [N] (j)	16.3504
	Griffith, Indiana	(c), (e), (i), [N] (j)	16.3504
	Stockbridge, Michigan	(c), (i), [N] (j)	19.6782
	Marysville, Michigan	(c), (i), [N] (j)	19.6782
	International Boundary near Marysville, Michigan	(i), [N] (j)	19.2763
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c)	0.9038
	Superior, Wisconsin	(c), (d), (i), [N] (j)	5.7247
	Lockport, Illinois	(c), (i), [N] (j)	14.5614
	Mokena, Illinois	(c), (i), [N] (j)	14.5614
	Flanagan, Illinois	(c), (e), (i), [N] (j)	14.5614
	Griffith, Indiana	(c),(e), (i), [N] (j)	14.5614
	Stockbridge, Michigan	(c), (i), [N] (j)	17.8871
	Marysville, Michigan	(c), (i), [N] (j)	17.8871
	International Boundary near Marysville, Michigan	(i), [N] (j)	17.4847
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i), [N] (j)	2.1255
	Stockbridge, Michigan	(c), (i), [N] (j)	5.1990
	Marysville, Michigan	(c), (i), [N] (j)	7.0847
	International Boundary near Marysville, Michigan	(i), [N] (j)	6.7385
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	1.5884
	Stockbridge, Michigan	(c), (i), [N] (j)	5.1990
	Marysville, Michigan	(c), (i), [N] (j)	7.0847
	International Boundary near Marysville, Michigan	(i), [N] (j)	6.7385
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i), [N] (j)	3.4870
	International Boundary near Marysville, Michigan	(i), [N] (j)	3.1432
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i), [N] (j)	5.0848
	International Boundary near Marysville, Michigan	(i), [N] (j)	4.7159

[I] All rates on this page have increased.

HEAVY CRUDE PETROLEUM

TABLE OF TRANSPORTATION RATES FOR HEAVY CRUDE PETROLEUM IN US DOLLARS PER CUBIC METER			
FROM	TO		RATE
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	(c), (i), [N] (j)	3.9446
	Superior, Wisconsin	(c), (d), (i), [N] (j)	8.3085
	Lockport, Illinois	(c), (i), [N] (j)	18.2918
	Mokena, Illinois	(c), (i), [N] (j)	18.2918
	Flanagan, Illinois	(c), (e), (i), [N] (j)	18.2918
	Griffith, Indiana	(c), (e), (i), [N] (j)	18.2918
	Stockbridge, Michigan	(c), (i), [N] (j)	22.0414
	Marysville, Michigan	(c), (i), [N] (j)	22.0414
	International Boundary near Marysville, Michigan	(i), [N] (j)	21.6339
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c)	0.9038
	Superior, Wisconsin	(c), (d), (i), [N] (j)	6.1918
	Lockport, Illinois	(c), (i), [N] (j)	16.1710
	Mokena, Illinois	(c), (i), [N] (j)	16.1710
	Flanagan, Illinois	(c), (e), (i), [N] (j)	16.1710
	Griffith, Indiana	(c), (e), (i), [N] (j)	16.1710
	Stockbridge, Michigan	(c), (i), [N] (j)	19.9172
	Marysville, Michigan	(c), (i), [N] (j)	19.9172
	International Boundary near Marysville, Michigan	(i), [N] (j)	19.5128
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i), [N] (j)	2.1914
	Stockbridge, Michigan	(c), (i), [N] (j)	5.6537
	Marysville, Michigan	(c), (i), [N] (j)	7.7778
	International Boundary near Marysville, Michigan	(i), [N] (j)	7.4432
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	1.5884
	Stockbridge, Michigan	(c), (i), [N] (j)	5.6537
	Marysville, Michigan	(c), (i), [N] (j)	7.7778
	International Boundary near Marysville, Michigan	(i), [N] (j)	7.4432
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i), [N] (j)	3.7267
	International Boundary near Marysville, Michigan	(i), [N] (j)	3.3857
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i), [N] (j)	5.5245
	International Boundary near Marysville, Michigan	(i), [N] (j)	5.1600

[I] All rates on this page have increased.

- (a) **Receipt Tankage** - The transportation rates from this receiving point include a receipt tankage charge of \$0.2218 per cubic meter.
- (b) **Receipt Terminalling** - The transportation rates from this receiving point include a receipt terminalling charge of \$0.6116 per cubic meter.
- (c) **Delivery Terminalling** - The transportation rates to this delivery point include a delivery terminalling charge of \$0.4021 per cubic meter.
- (d) **Delivery Tankage** - The transportation rates to this delivery point include a delivery tankage charge of \$0.2218 per cubic meter.
- (e) In addition to the transportation rate shown, a delivery tankage charge of \$0.2218 per cubic meter will be assessed if the Carrier's delivery tankage at Griffith, Indiana or Flanagan, Illinois is used by the shipper, except for deliveries into the facilities owned by Illinois Extension Pipeline Company L.L.C. (Southern Access Extension Pipeline).
- (f) **Break-out Tankage Credit** - The transportation rates from this receiving point include a break-out tankage credit of 4.8568 cents per hundred cubic meter miles for light crude petroleum, 5.2442 cents per hundred cubic meter miles for medium crude petroleum, and 5.8268 cents per hundred cubic meter miles for heavy crude petroleum.
- (g) **Break-out Tankage Credit** - The transportation rate to this delivery point includes a break-out tankage credit of 1.3190 cents per hundred cubic meter miles for natural gas liquids.
- (h) In addition to the transportation rate shown, a receipt tankage charge of \$0.2218 per cubic meter will be assessed if the Carrier's receipt tankage at Griffith, Indiana is used by the shipper.
- (i) **Facilities Surcharge** - The transportation rates to this delivery point include a Facilities Surcharge established in accordance with the Settlement approved in Federal Energy Regulatory Commission letter order dated June 30, 2004, in Docket No. OR04-2-000. The Facilities Surcharge has since been supplemented and approved by the Federal Energy Regulatory Commission to include the recovery of costs associated with additional projects.
- (j) **[N] Minnesota Abandonment Surcharge:** The transportation rates include an Abandonment Surcharge for movements of all commodities, pursuant to the Minnesota Public Utilities Commission Order issued in Docket No. PL-9/CN-21-823, which is adjusted for distance only.

Symbols:

[I] – Increase

[N] – New

[W] – Change in wording only



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX A

**WORKSHEET SUPPORTING BASE
TRANSPORTATION RATES**

Enbridge Energy, LP
Worksheet Supporting Indexed Portion of Rates Set Forth
In FERC No. 43.50.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.49.0 Indexed Base Rate	12/1/2023 Ceiling	7/1/2024 Ceiling	Proposed FERC No. 43.50.0 Indexed Base Rate
Transportation Rates for NGL					
International Boundary near Neche, North Dakota	Superior, Wisconsin	3.5895	3.5895	3.6349	3.6349
	Rapid River, Michigan	5.5566	5.5566	5.6269	5.6269
	International Boundary near Marysville, Michigan	8.2094	8.2094	8.3132	8.3132
Transportation Rates for Light Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.1858	2.1858	2.2134	2.2134
	Superior, Wisconsin	4.1026	4.1026	4.1545	4.1545
	Lockport, Illinois	8.0603	8.0603	8.1622	8.1622
	Mokena, Illinois	8.0603	8.0603	8.1622	8.1622
	Flanagan, Illinois	8.0603	8.0603	8.1622	8.1622
	Griffith, Indiana	8.0603	8.0603	8.1622	8.1622
	Stockbridge, Michigan	9.5961	9.5961	9.7175	9.7175
	Marysville, Michigan	9.5961	9.5961	9.7175	9.7175
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	9.1968	9.1968	9.3131	9.3131
	Clearbrook, Minnesota	0.8925	0.8925	0.9038	0.9038
	Superior, Wisconsin	3.7196	3.7196	3.7666	3.7666
	Lockport, Illinois	7.6755	7.6755	7.7726	7.7726
	Mokena, Illinois	7.6755	7.6755	7.7726	7.7726
	Flanagan, Illinois	7.6755	7.6755	7.7726	7.7726
	Griffith, Indiana	7.6755	7.6755	7.7726	7.7726
	Stockbridge, Michigan	9.2081	9.2081	9.3246	9.3246
Mokena, Illinois	Marysville, Michigan	9.2081	9.2081	9.3246	9.3246
	International Boundary near Marysville, Michigan	8.8118	8.8118	8.9232	8.9232
	Griffith, Indiana	1.8227	1.8227	1.8458	1.8458
	Stockbridge, Michigan	3.2405	3.2405	3.2815	3.2815
Griffith, Indiana	Marysville, Michigan	4.1094	4.1094	4.1614	4.1614
	International Boundary near Marysville, Michigan	3.7389	3.7389	3.7862	3.7862
	Griffith, Indiana	1.5686	1.5686	1.5884	1.5884
	Stockbridge, Michigan	3.2405	3.2405	3.2815	3.2815
Griffith, Indiana	Marysville, Michigan	4.1094	4.1094	4.1614	4.1614
	International Boundary near Marysville, Michigan	3.7389	3.7389	3.7862	3.7862
	Marysville, Michigan	4.1094	4.1094	4.1614	4.1614

Enbridge Energy, LP
Worksheet Supporting Indexed Portion of Rates Set Forth
In FERC No. 43.50.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.49.0 Indexed Base Rate	12/1/2023 Ceiling	7/1/2024 Ceiling	Proposed FERC No. 43.50.0 Indexed Base Rate
Transportation Rates for Light Crude Petroleum - Continued					
Stockbridge, Michigan	Marysville, Michigan	2.4511	2.4511	2.4821	2.4821
	International Boundary near Marysville, Michigan	2.0775	2.0775	2.1038	2.1038
Lewiston, Michigan	Marysville, Michigan	3.1346	3.1346	3.1742	3.1742
	International Boundary near Marysville, Michigan	2.7617	2.7617	2.7966	2.7966
Transportation Rates for Medium Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.2818	2.2818	2.3107	2.3107
	Superior, Wisconsin	4.3361	4.3361	4.3909	4.3909
	Lockport, Illinois	8.6261	8.6261	8.7352	8.7352
	Mokena, Illinois	8.6261	8.6261	8.7352	8.7352
	Flanagan, Illinois	8.6261	8.6261	8.7352	8.7352
	Griffith, Indiana	8.6261	8.6261	8.7352	8.7352
	Stockbridge, Michigan	10.2845	10.2845	10.4146	10.4146
	Marysville, Michigan	10.2845	10.2845	10.4146	10.4146
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	9.8877	9.8877	10.0127	10.0127
	Clearbrook, Minnesota	0.8925	0.8925	0.9038	0.9038
	Superior, Wisconsin	3.8541	3.8541	3.9028	3.9028
	Lockport, Illinois	8.1445	8.1445	8.2475	8.2475
	Mokena, Illinois	8.1445	8.1445	8.2475	8.2475
	Flanagan, Illinois	8.1445	8.1445	8.2475	8.2475
	Griffith, Indiana	8.1445	8.1445	8.2475	8.2475
	Stockbridge, Michigan	9.8009	9.8009	9.9249	9.9249
Marysville, Michigan	9.8009	9.8009	9.9249	9.9249	
International Boundary near Marysville, Michigan	9.4036	9.4036	9.5225	9.5225	

Enbridge Energy, LP
Worksheet Supporting Indexed Portion of Rates Set Forth
In FERC No. 43.50.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.49.0 Indexed Base Rate	12/1/2023 Ceiling	7/1/2024 Ceiling	Proposed FERC No. 43.50.0 Indexed Base Rate
Transportation Rates for Medium Crude Petroleum - Continued					
Mokena, Illinois	Griffith, Indiana	1.8419	1.8419	1.8652	1.8652
	Stockbridge, Michigan	3.3730	3.3730	3.4157	3.4157
	Marysville, Michigan	4.3119	4.3119	4.3664	4.3664
	International Boundary near Marysville, Michigan	3.9414	3.9414	3.9912	3.9912
Griffith, Indiana	Griffith, Indiana	1.5686	1.5686	1.5884	1.5884
	Stockbridge, Michigan	3.3730	3.3730	3.4157	3.4157
	Marysville, Michigan	4.3119	4.3119	4.3664	4.3664
	International Boundary near Marysville, Michigan	3.9414	3.9414	3.9912	3.9912
Stockbridge, Michigan	Marysville, Michigan	2.5201	2.5201	2.5520	2.5520
	International Boundary near Marysville, Michigan	2.1520	2.1520	2.1792	2.1792
Lewiston, Michigan	Marysville, Michigan	3.2603	3.2603	3.3015	3.3015
	International Boundary near Marysville, Michigan	2.8865	2.8865	2.9230	2.9230
Transportation Rates for Heavy Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.4527	2.4527	2.4837	2.4837
	Superior, Wisconsin	4.7424	4.7424	4.8024	4.8024
	Lockport, Illinois	9.6213	9.6213	9.7430	9.7430
	Mokena, Illinois	9.6213	9.6213	9.7430	9.7430
	Flanagan, Illinois	9.6213	9.6213	9.7430	9.7430
	Griffith, Indiana	9.6213	9.6213	9.7430	9.7430
	Stockbridge, Michigan	11.4967	11.4967	11.6421	11.6421
	Marysville, Michigan	11.4967	11.4967	11.6421	11.6421
International Boundary near Marysville, Michigan	11.0943	11.0943	11.2346	11.2346	

Enbridge Energy, LP
Worksheet Supporting Indexed Portion of Rates Set Forth
In FERC No. 43.50.0 (Does Not Include Incremental Facilities Surcharges)

		Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.49.0 Indexed Base Rate	12/1/2023 Ceiling	7/1/2024 Ceiling	Proposed FERC No. 43.50.0 Indexed Base Rate
From	To				
Transportation Rates for Heavy Crude Petroleum - Continued					
Clearbrook, Minnesota	Clearbrook, Minnesota	0.8925	0.8925	0.9038	0.9038
	Superior, Wisconsin	4.0948	4.0948	4.1466	4.1466
	Lockport, Illinois	8.9697	8.9697	9.0831	9.0831
	Mokena, Illinois	8.9697	8.9697	9.0831	9.0831
	Flanagan, Illinois	8.9697	8.9697	9.0831	9.0831
	Griffith, Indiana	8.9697	8.9697	9.0831	9.0831
	Stockbridge, Michigan	10.8417	10.8417	10.9788	10.9788
	Marysville, Michigan	10.8417	10.8417	10.9788	10.9788
Mokena, Illinois	International Boundary near Marysville, Michigan	10.4423	10.4423	10.5744	10.5744
	Griffith, Indiana	1.8755	1.8755	1.8992	1.8992
	Stockbridge, Michigan	3.6062	3.6062	3.6518	3.6518
	Marysville, Michigan	4.6672	4.6672	4.7262	4.7262
Griffith, Indiana	International Boundary near Marysville, Michigan	4.3047	4.3047	4.3591	4.3591
	Griffith, Indiana	1.5686	1.5686	1.5884	1.5884
	Stockbridge, Michigan	3.6062	3.6062	3.6518	3.6518
	Marysville, Michigan	4.6672	4.6672	4.7262	4.7262
Stockbridge, Michigan	International Boundary near Marysville, Michigan	4.3047	4.3047	4.3591	4.3591
	Marysville, Michigan	2.6436	2.6436	2.6770	2.6770
Lewiston, Michigan	International Boundary near Marysville, Michigan	2.2747	2.2747	2.3035	2.3035
	Marysville, Michigan	3.4786	3.4786	3.5226	3.5226
	International Boundary near Marysville, Michigan	3.1080	3.1080	3.1473	3.1473



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX B

**WORKSHEET SUPPORTING TANKAGE
AND TERMINALLING RATES**

Enbridge Energy, LP
Worksheet Supporting Tankage and Terminalling
Rates Set Forth in FERC No. 43.50.0

	Previous FERC No. 43.49.0 Indexed Base Rate	12/1/2023 Ceiling	7/1/2024 Ceiling	Proposed FERC No. 43.50.0 Indexed Base Rate
(a) The transportation rates from this receiving point include a receipt tankage charge as noted per cubic meter.	0.2190	0.2190	0.2218	0.2218
(b) The transportation rates from this receiving point include a receipt terminalling charge as noted per cubic meter.	0.6040	0.6040	0.6116	0.6116
(c) The transportation rates to this delivery point include a delivery terminalling charge as noted per cubic meter.	0.3971	0.3971	0.4021	0.4021
(d) The transportation rates from this receiving point include a delivery tankage charge as noted per cubic meter.	0.2190	0.2190	0.2218	0.2218
(e) In addition to the transportation rate shown, a delivery charge as noted per cubic meter will be assessed if the Carrier's delivery tankage at Griffith, Indiana or Flanagan, Illinois is used by the shipper. except for deliveries into the facilities owned by Illinois Extension Pipeline Company L.L.C. (Southern Access Extension Pipeline).	0.2190	0.2190	0.2218	0.2218
(f) The transportation rates from this receiving point include a break-out tankage credit as noted in cents per hundred cubic meters miles for light crude petroleum.	4.7961	4.7961	4.8568	4.8568
(f) The transportation rates from this receiving point include a break-out tankage credit as noted in cents per hundred cubic meter miles for medium crude petroleum.	5.1787	5.1787	5.2442	5.2442
(f) The transportation rates from this receiving point include a break-out tankage credit as noted in cents per hundred cubic meter miles for heavy crude petroleum.	5.7540	5.7540	5.8268	5.8268
(g) The transportation rates to this delivery point include a break-out tankage credit as noted per hundred cubic meter miles for natural gas liquids.	1.3025	1.3025	1.3190	1.3190
(h) In addition to the transportation rate shown, a receipt tankage charge as noted per cubic meter will be assessed if the Carrier's receipt tankage at Griffith, Indiana is used by the shipper.	0.2190	0.2190	0.2218	0.2218



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX C

WORKSHEET SUPPORTING RATES

Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.50.0

From	To	Transportation Rates in Dollars per Cubic Meter				
		FERC No. 43.49.0	Base Rate	Facilities Surcharge	Minnesota Abandonment Surcharge	Proposed FERC No. 43.50.0
Transportation Rates for NGL						
International Boundary near Neche, North Dakota	Superior, Wisconsin	6.0510	3.6349	2.4615	0.1694	6.2658
	Rapid River, Michigan	9.9858	5.6269	4.4292	0.3048	10.3609
	International Boundary near Marysville, Michigan	15.5104	8.3132	7.3010	0.5024	16.1166
Transportation Rates for Light Crude Petroleum						
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.3254	2.2134	1.1396	0.0706	3.4236
	Superior, Wisconsin	6.8376	4.1545	2.7350	0.1694	7.0589
	Lockport, Illinois	14.7290	8.1622	6.6687	0.4130	15.2439
	Mokena, Illinois	14.7290	8.1622	6.6687	0.4130	15.2439
	Flanagan, Illinois	14.7290	8.1622	6.6687	0.4130	15.2439
	Griffith, Indiana	14.7290	8.1622	6.6687	0.4130	15.2439
	Stockbridge, Michigan	17.7083	9.7175	8.1122	0.5024	18.3321
	Marysville, Michigan	17.7083	9.7175	8.1122	0.5024	18.3321
	International Boundary near Marysville, Michigan	17.3090	9.3131	8.1122	0.5024	17.9277
Clearbrook, Minnesota	Clearbrook, Minnesota	0.8925	0.9038	0.0000	0.0000	0.9038
	Superior, Wisconsin	5.3150	3.7666	1.5954	0.0988	5.4608
	Lockport, Illinois	13.2046	7.7726	5.5291	0.3424	13.6441
	Mokena, Illinois	13.2046	7.7726	5.5291	0.3424	13.6441
	Flanagan, Illinois	13.2046	7.7726	5.5291	0.3424	13.6441
	Griffith, Indiana	13.2046	7.7726	5.5291	0.3424	13.6441
	Stockbridge, Michigan	16.1807	9.3246	6.9726	0.4318	16.7290
	Marysville, Michigan	16.1807	9.3246	6.9726	0.4318	16.7290
	International Boundary near Marysville, Michigan	15.7844	8.9232	6.9726	0.4318	16.3276
Mokena, Illinois	Griffith, Indiana	2.0506	1.8458	0.2279	0.0141	2.0878
	Stockbridge, Michigan	4.8022	3.2815	1.5617	0.0967	4.9399
	Marysville, Michigan	6.4899	4.1614	2.3805	0.1474	6.6893
	International Boundary near Marysville, Michigan	6.1447	3.7862	2.4058	0.1490	6.3410
Griffith, Indiana	Griffith, Indiana	1.5686	1.5884	0.0000	0.0000	1.5884
	Stockbridge, Michigan	4.8022	3.2815	1.5617	0.0967	4.9399
	Marysville, Michigan	6.4899	4.1614	2.3805	0.1474	6.6893
	International Boundary near Marysville, Michigan	6.1447	3.7862	2.4058	0.1490	6.3410

Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.50.0

From	To	Transportation Rates in Dollars per Cubic Meter				
		FERC No. 43.49.0	Base Rate	Facilities Surcharge	Minnesota Abandonment Surcharge	Proposed FERC No. 43.50.0
Transportation Rates for Light Crude Petroleum - Continued						
Stockbridge, Michigan	Marysville, Michigan	3.2699	2.4821	0.8188	0.0507	3.3516
	International Boundary near Marysville, Michigan	2.9216	2.1038	0.8441	0.0523	3.0002
Lewiston, Michigan	Marysville, Michigan	4.6963	3.1742	1.5617	0.0967	4.8326
	International Boundary near Marysville, Michigan	4.3318	2.7966	1.5701	0.0972	4.4639
Transportation Rates for Medium Crude Petroleum						
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.5126	2.3107	1.2308	0.0706	3.6121
	Superior, Wisconsin	7.2899	4.3909	2.9538	0.1694	7.5141
	Lockport, Illinois	15.8283	8.7352	7.2022	0.4130	16.3504
	Mokena, Illinois	15.8283	8.7352	7.2022	0.4130	16.3504
	Flanagan, Illinois	15.8283	8.7352	7.2022	0.4130	16.3504
	Griffith, Indiana	15.8283	8.7352	7.2022	0.4130	16.3504
	Stockbridge, Michigan	19.0457	10.4146	8.7612	0.5024	19.6782
	Marysville, Michigan	19.0457	10.4146	8.7612	0.5024	19.6782
	International Boundary near Marysville, Michigan	18.6489	10.0127	8.7612	0.5024	19.2763
Clearbrook, Minnesota	Clearbrook, Minnesota	0.8925	0.9038	0.0000	0.0000	0.9038
	Superior, Wisconsin	5.5772	3.9028	1.7231	0.0988	5.7247
	Lockport, Illinois	14.1160	8.2475	5.9715	0.3424	14.5614
	Mokena, Illinois	14.1160	8.2475	5.9715	0.3424	14.5614
	Flanagan, Illinois	14.1160	8.2475	5.9715	0.3424	14.5614
	Griffith, Indiana	14.1160	8.2475	5.9715	0.3424	14.5614
	Stockbridge, Michigan	17.3313	9.9249	7.5304	0.4318	17.8871
	Marysville, Michigan	17.3313	9.9249	7.5304	0.4318	17.8871
	International Boundary near Marysville, Michigan	16.9340	9.5225	7.5304	0.4318	17.4847

Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.50.0

From	To	Transportation Rates in Dollars per Cubic Meter				
		FERC No. 43.49.0	Base Rate	Facilities Surcharge	Minnesota Abandonment Surcharge	Proposed FERC No. 43.50.0
Transportation Rates for Medium Crude Petroleum - Continued						
Mokena, Illinois	Griffith, Indiana	2.0881	1.8652	0.2462	0.0141	2.1255
	Stockbridge, Michigan	5.0596	3.4157	1.6866	0.0967	5.1990
	Marysville, Michigan	6.8828	4.3664	2.5709	0.1474	7.0847
	International Boundary near Marysville, Michigan	6.5397	3.9912	2.5983	0.1490	6.7385
Griffith, Indiana	Griffith, Indiana	1.5686	1.5884	0.0000	0.0000	1.5884
	Stockbridge, Michigan	5.0596	3.4157	1.6866	0.0967	5.1990
	Marysville, Michigan	6.8828	4.3664	2.5709	0.1474	7.0847
	International Boundary near Marysville, Michigan	6.5397	3.9912	2.5983	0.1490	6.7385
Stockbridge, Michigan	Marysville, Michigan	3.4044	2.5520	0.8843	0.0507	3.4870
	International Boundary near Marysville, Michigan	3.0637	2.1792	0.9117	0.0523	3.1432
Lewiston, Michigan	Marysville, Michigan	4.9469	3.3015	1.6866	0.0967	5.0848
	International Boundary near Marysville, Michigan	4.5822	2.9230	1.6957	0.0972	4.7159
Transportation Rates for Heavy Crude Petroleum						
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.8430	2.4837	1.3903	0.0706	3.9446
	Superior, Wisconsin	8.0791	4.8024	3.3367	0.1694	8.3085
	Lockport, Illinois	17.7571	9.7430	8.1358	0.4130	18.2918
	Mokena, Illinois	17.7571	9.7430	8.1358	0.4130	18.2918
	Flanagan, Illinois	17.7571	9.7430	8.1358	0.4130	18.2918
	Griffith, Indiana	17.7571	9.7430	8.1358	0.4130	18.2918
	Stockbridge, Michigan	21.3936	11.6421	9.8969	0.5024	22.0414
	Marysville, Michigan	21.3936	11.6421	9.8969	0.5024	22.0414
	International Boundary near Marysville, Michigan	20.9912	11.2346	9.8969	0.5024	21.6339

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.50.0**

From	To	Transportation Rates in Dollars per Cubic Meter				
		FERC No. 43.49.0	Base Rate	Facilities Surcharge	Minnesota Abandonment Surcharge	Proposed FERC No. 43.50.0
Transportation Rates for Heavy Crude Petroleum - Continued						
Clearbrook, Minnesota	Clearbrook, Minnesota	0.8925	0.9038	0.0000	0.0000	0.9038
	Superior, Wisconsin	6.0412	4.1466	1.9464	0.0988	6.1918
	Lockport, Illinois	15.7152	9.0831	6.7455	0.3424	16.1710
	Mokena, Illinois	15.7152	9.0831	6.7455	0.3424	16.1710
	Flanagan, Illinois	15.7152	9.0831	6.7455	0.3424	16.1710
	Griffith, Indiana	15.7152	9.0831	6.7455	0.3424	16.1710
	Stockbridge, Michigan	19.3483	10.9788	8.5066	0.4318	19.9172
	Marysville, Michigan	19.3483	10.9788	8.5066	0.4318	19.9172
	International Boundary near Marysville, Michigan	18.9489	10.5744	8.5066	0.4318	19.5128
Mokena, Illinois	Griffith, Indiana	2.1536	1.8992	0.2781	0.0141	2.1914
	Stockbridge, Michigan	5.5114	3.6518	1.9052	0.0967	5.6537
	Marysville, Michigan	7.5714	4.7262	2.9042	0.1474	7.7778
	International Boundary near Marysville, Michigan	7.2398	4.3591	2.9351	0.1490	7.4432
Griffith, Indiana	Griffith, Indiana	1.5686	1.5884	0.0000	0.0000	1.5884
	Stockbridge, Michigan	5.5114	3.6518	1.9052	0.0967	5.6537
	Marysville, Michigan	7.5714	4.7262	2.9042	0.1474	7.7778
	International Boundary near Marysville, Michigan	7.2398	4.3591	2.9351	0.1490	7.4432
Stockbridge, Michigan	Marysville, Michigan	3.6426	2.6770	0.9990	0.0507	3.7267
	International Boundary near Marysville, Michigan	3.3046	2.3035	1.0299	0.0523	3.3857
Lewiston, Michigan	Marysville, Michigan	5.3838	3.5226	1.9052	0.0967	5.5245
	International Boundary near Marysville, Michigan	5.0235	3.1473	1.9155	0.0972	5.1600



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX D

REVENUE REQUIREMENT CALCULATION FOR THE MINNESOTA ABANDONMENT SURCHARGE

Enbridge Energy, LP
Revenue Requirement Calculation for Minnesota Abandonment Surcharge under Line 3 Replacement (Facilities Surcharge Project 27)
Set Forth in FERC No. 43.50.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Summary of Minnesota Abandonment Surcharge Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2023</u>	Actual <u>2023</u>	Projected <u>2024</u>
1	Minnesota Abandonment Surcharge Revenue Requirement	Input	-	-	61,413

Schedule 2 (Adjustments to MPUC)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2023</u>	Actual <u>2023</u>	Projected <u>2024</u>
1	Minnesota Abandonment Surcharge Revenue Requirement		-	-	61,413
2	True-Up of (Over) / Under Collection of Minnesota Abandonment Surcharge Revenue Requirement		-	-	-
3	Interest on True-Up on Minnesota Abandonment Surcharge Revenue Requirement		-	-	-
4	Total Minnesota Abandonment Surcharge Adjusted Revenue Requirement		-	-	-
5	Minnesota Abandonment Surcharge Revenue Requirement - Adjusted For Annual Revenue Collection		-	-	70,980

Schedule 3 (System Deliveries and Barrel Mile Unit Transmission Rate)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2023</u>	Actual <u>2023</u>	Projected <u>2024</u>
1	FS Total System Deliveries [m3 per day]	Input	-	-	492,118
2	Total System Barrel Mile [000 m3.miles per day]	Input	-	-	370,950
Calculation of LCE Unit Transmission Rate					
3	Times Days From January 1 - December 31 (Days)	Input	-	-	366
4	Total System Barrel Miles [000 m3.miles]	Lns. 2 * 3	-	-	135,767,521
5	Total Barrel Mile Unit Transmission Rate [cents/100 m3.mile]	(Sch. 2, Ln. 6 / Sch. 3. Ln. 5) *10,000	-	-	4.523388