



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

LOCAL TARIFF
APPLYING ON
CRUDE PETROLEUM AND NATURAL GAS LIQUIDS

FROM
THE INTERNATIONAL BOUNDARIES NEAR NECHE, NORTH DAKOTA AND
GRAND ISLAND, NEW YORK, AND POINTS IN THE STATES
OF ILLINOIS, INDIANA, MICHIGAN, AND MINNESOTA

TO
POINTS IN THE STATES OF ILLINOIS, INDIANA, MICHIGAN, MINNESOTA,
NEW YORK, 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. 41.16.0 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, and 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 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, and OR17-3-000.

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

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

[N] Issued on three (3) days' notice under authority of 18 CFR 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.

ISSUED: November 27, 2019

EFFECTIVE: December 1, 2019

ISSUED BY:

Ranjana Martin

Director

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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**.

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

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)	4.8090
	Rapid River, Michigan	(c), (g), (i)	7.9237
	International Boundary near Marysville, Michigan	(g), (i)	12.2932

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

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), (j)	2.6499
	Superior, Wisconsin	(c), (d), (i)	5.4357
	Lockport, Illinois	(c), (i)	11.6829
	Mokena, Illinois	(c), (i)	11.6829
	Flanagan, Illinois	(c), (e), (i)	11.6829
	Griffith, Indiana	(c), (e), (i)	11.6829
	Stockbridge, Michigan	(c), (i)	14.0428
	Marysville, Michigan	(c), (i)	14.0428
	International Boundary near Marysville, Michigan	(i)	13.7200
	West Seneca, New York	(c), (i)	14.3854
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (i), (j)	[U] 1.4431
	Superior, Wisconsin	(c), (d), (i), (j)	4.2431
	Lockport, Illinois	(c), (i), (j)	10.4888
	Mokena, Illinois	(c), (i), (j)	10.4888
	Flanagan, Illinois	(c), (e), (i), (j)	10.4888
	Griffith, Indiana	(c),(e), (i), (j)	10.4888
	Stockbridge, Michigan	(c), (i), (j)	12.8462
	Marysville, Michigan	(c), (i), (j)	12.8462
	International Boundary near Marysville, Michigan	(i), (j)	12.5258
West Seneca, New York	(c), (i), (j)	13.1932	
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	1.6501
	Stockbridge, Michigan	(c), (i)	3.8296
	Marysville, Michigan	(c), (i)	5.1664
	International Boundary near Marysville, Michigan	(i)	4.8864
	West Seneca, New York	(c), (i)	5.5520
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e), (i)	[U] 1.2681
	Stockbridge, Michigan	(c), (i)	3.8296
	Marysville, Michigan	(c), (i)	5.1664
	International Boundary near Marysville, Michigan	(i)	4.8864
	West Seneca, New York	(c), (i)	5.5520
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	2.6160
	International Boundary near Marysville, Michigan	(i)	2.3335
	West Seneca, New York	(c), (i)	3.0012
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	3.7441
	International Boundary near Marysville, Michigan	(i)	3.4491
	West Seneca, New York	(c), (i)	4.1049

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

TABLE OF TRANSPORTATION RATES FOR LIGHT CRUDE PETROLEUM IN US DOLLARS PER CUBIC METER			
International Boundary near Grand Island, New York	West Seneca, New York	(c), (i)	1.1333

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), (j)	2.7982
	Superior, Wisconsin	(c), (d), (i)	5.7939
	Lockport, Illinois	(c), (i)	12.5537
	Mokena, Illinois	(c), (i)	12.5537
	Flanagan, Illinois	(c), (e), (i)	12.5537
	Griffith, Indiana	(c), (e), (i)	12.5537
	Stockbridge, Michigan	(c), (i)	15.1022
	Marysville, Michigan	(c), (i)	15.1022
	International Boundary near Marysville, Michigan	(i)	14.7813
	West Seneca, New York	(c), (i)	15.4737
	Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (i), (j)
Superior, Wisconsin		(c), (d), (i), (j)	4.4508
Lockport, Illinois		(c), (i), (j)	11.2106
Mokena, Illinois		(c), (i), (j)	11.2106
Flanagan, Illinois		(c), (e), (i), (j)	11.2106
Griffith, Indiana		(c), (e), (i), (j)	11.2106
Stockbridge, Michigan		(c), (i), (j)	13.7576
Marysville, Michigan		(c), (i), (j)	13.7576
International Boundary near Marysville, Michigan		(i), (j)	13.4365
West Seneca, New York		(c), (i), (j)	14.1307
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	1.6798
	Stockbridge, Michigan	(c), (i)	4.0335
	Marysville, Michigan	(c), (i)	5.4777
	International Boundary near Marysville, Michigan	(i)	5.1993
	West Seneca, New York	(c), (i)	5.8952
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e), (i)	[U] 1.2681
	Stockbridge, Michigan	(c), (i)	4.0335
	Marysville, Michigan	(c), (i)	5.4777
	International Boundary near Marysville, Michigan	(i)	5.1993
	West Seneca, New York	(c), (i)	5.8952

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

TABLE OF TRANSPORTATION RATES FOR MEDIUM CRUDE PETROLEUM IN US DOLLARS PER CUBIC METER			
FROM	TO		RATE
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	2.7225
	International Boundary near Marysville, Michigan	(i)	2.4461
	West Seneca, New York	(c), (i)	3.1386
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	3.9424
	International Boundary near Marysville, Michigan	(i)	3.6473
	West Seneca, New York	(c), (i)	4.3318
International Boundary near Grand Island, New York	West Seneca, New York	(c), (i)	1.1592

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), (j)	3.0600
	Superior, Wisconsin	(c), (d), (i)	6.4192
	Lockport, Illinois	(c), (i)	14.0815
	Mokena, Illinois	(c), (i)	14.0815
	Flanagan, Illinois	(c), (e), (i)	14.0815
	Griffith, Indiana	(c), (e), (i)	14.0815
	Stockbridge, Michigan	(c), (i)	16.9620
	Marysville, Michigan	(c), (i)	16.9620
	International Boundary near Marysville, Michigan	(i)	16.6367
	West Seneca, New York	(c), (i)	17.3772
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (i), (j)	[U] 1.4431
	Superior, Wisconsin	(c), (d), (i), (j)	4.8184
	Lockport, Illinois	(c), (i), (j)	12.4776
	Mokena, Illinois	(c), (i), (j)	12.4776
	Flanagan, Illinois	(c), (e), (i), (j)	12.4776
	Griffith, Indiana	(c), (e), (i), (j)	12.4776
	Stockbridge, Michigan	(c), (i), (j)	15.3554
	Marysville, Michigan	(c), (i), (j)	15.3554
	International Boundary near Marysville, Michigan	(i), (j)	15.0324
	West Seneca, New York	(c), (i), (j)	15.7786
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	1.7317
	Stockbridge, Michigan	(c), (i)	4.3914
	Marysville, Michigan	(c), (i)	6.0231
	International Boundary near Marysville, Michigan	(i)	5.7540
	West Seneca, New York	(c), (i)	6.4925

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TABLE OF TRANSPORTATION RATES FOR HEAVY CRUDE PETROLEUM IN US DOLLARS PER CUBIC METER			
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e), (i)	[U] 1.2681
	Stockbridge, Michigan	(c), (i)	4.3914
	Marysville, Michigan	(c), (i)	6.0231
	International Boundary near Marysville, Michigan	(i)	5.7540
	West Seneca, New York	(c), (i)	6.4925
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	2.9113
	International Boundary near Marysville, Michigan	(i)	2.6369
	West Seneca, New York	(c), (i)	3.3812
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	4.2883
	International Boundary near Marysville, Michigan	(i)	3.9967
	West Seneca, New York	(c), (i)	4.7290
International Boundary near Grand Island, New York	West Seneca, New York	(c), (i)	1.2100

- (a) **Receipt Tankage** - The transportation rates from this receiving point include a receipt tankage charge of [U] \$0.1770 per cubic meter.
- (b) **Receipt Terminalling** - The transportation rates from this receiving point include a receipt terminalling charge of [U] \$0.4883 per cubic meter.
- (c) **Delivery Terminalling** - The transportation rates to this delivery point include a delivery terminalling charge of [U] \$0.3209 per cubic meter.
- (d) **Delivery Tankage** - The transportation rates to this delivery point include a delivery tankage charge of [U] \$0.1770 per cubic meter.
- (e) In addition to the transportation rate shown, a delivery tankage charge of [U] \$0.1770 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 [U] 3.8773 cents per hundred cubic meter miles for light crude petroleum, [U] 4.1866 cents per hundred cubic meter miles for medium crude petroleum, and [U] 4.6517 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 [U] 1.0530 cents per hundred cubic meter miles for natural gas liquids.
- (h) In addition to the transportation rate shown, a receipt tankage charge of [U] \$0.1770 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 calculated 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) **Clearbrook Nomination Option** - Shippers have the option to submit Nominations for transportation of Crude Petroleum on the Mainline to Clearbrook, Minnesota, without a physical delivery at Clearbrook, MN, provided that for each such Nomination a Shipper submits in a given month, (i) a

transfer of the nominated volume has been arranged in accordance with the Rules and Regulations for transportation of Crude Petroleum and (ii) the transferee has submitted a Nomination of an equal volume of the same commodity from Clearbrook to a Regular Delivery Point that is at, or downstream of Clearbrook. In the event this option is selected, the transferor will pay the applicable tariff rate for service to Clearbrook under Enbridge Pipelines Inc. in connection with Enbridge Energy, Limited Partnership's International Joint Rate Tariff and the transferee will pay the applicable tariff rate for service from Clearbrook to the selected Regular Delivery Point under Enbridge Energy, Limited Partnership's Local Tariff. All aforementioned Nominations must be made in accordance with the Rules and Regulations for transportation of Crude Petroleum.

Symbols:

- [C]** – Cancel
- [D]** – Decrease
- [N]** – New
- [U]** – Unchanged Rate



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX A

WORKSHEET SUPPORTING RATES

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.34.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.31.0	Indexed Base Rate	Facilities Surcharge	Proposed FERC No. 43.34.0
Transportation Rates for NGL					
International Boundary near Neche, North Dakota	Superior, Wisconsin	4.8154	2.9019	1.9071	4.8090
	Rapid River, Michigan	7.9353	4.4921	3.4316	7.9237
	International Boundary near Marysville, Michigan	12.3123	6.6367	5.6565	12.2932
Transportation Rates for Light Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.6529	1.7670	0.8829	2.6499
	Superior, Wisconsin	5.4428	3.3167	2.1190	5.4357
	Lockport, Illinois	11.7003	6.5162	5.1667	11.6829
	Mokena, Illinois	11.7003	6.5162	5.1667	11.6829
	Flanagan, Illinois	11.7003	6.5162	5.1667	11.6829
	Griffith, Indiana	11.7003	6.5162	5.1667	11.6829
	Stockbridge, Michigan	14.0640	7.7578	6.2850	14.0428
	Marysville, Michigan	14.0640	7.7578	6.2850	14.0428
	International Boundary near Marysville, Michigan	13.7412	7.4350	6.2850	13.7200
Clearbrook, Minnesota	West Seneca, New York	14.4072	7.9369	6.4485	14.3854
	Clearbrook, Minnesota	1.4431	1.4431	0.0000	1.4431
	Superior, Wisconsin	4.2472	3.0070	1.2361	4.2431
	Lockport, Illinois	10.5033	6.2051	4.2837	10.4888
	Mokena, Illinois	10.5033	6.2051	4.2837	10.4888
	Flanagan, Illinois	10.5033	6.2051	4.2837	10.4888
	Griffith, Indiana	10.5033	6.2051	4.2837	10.4888
	Stockbridge, Michigan	12.8644	7.4441	5.4021	12.8462
	Marysville, Michigan	12.8644	7.4441	5.4021	12.8462
Mokena, Illinois	International Boundary near Marysville, Michigan	12.5440	7.1237	5.4021	12.5258
	West Seneca, New York	13.2120	7.6276	5.5656	13.1932
	Griffith, Indiana	1.6507	1.4735	0.1766	1.6501
	Stockbridge, Michigan	3.8337	2.6197	1.2099	3.8296
	Marysville, Michigan	5.1726	3.3221	1.8443	5.1664
Griffith, Indiana	International Boundary near Marysville, Michigan	4.8927	3.0225	1.8639	4.8864
	West Seneca, New York	5.5589	3.5246	2.0274	5.5520
	Griffith, Indiana	1.2681	1.2681	0.0000	1.2681
	Stockbridge, Michigan	3.8337	2.6197	1.2099	3.8296
	Marysville, Michigan	5.1726	3.3221	1.8443	5.1664

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From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.31.0	Indexed Base Rate	Facilities Surcharge	Proposed FERC No. 43.34.0
Transportation Rates for Light Crude Petroleum - Continued					
Stockbridge, Michigan	Marysville, Michigan	2.6181	1.9816	0.6344	2.6160
	International Boundary near Marysville, Michigan	2.3357	1.6795	0.6540	2.3335
	West Seneca, New York	3.0040	2.1837	0.8175	3.0012
Lewiston, Michigan	Marysville, Michigan	3.7482	2.5342	1.2099	3.7441
	International Boundary near Marysville, Michigan	3.4532	2.2326	1.2165	3.4491
	West Seneca, New York	4.1095	2.7249	1.3800	4.1049
International Boundary near Grand Island, New York	West Seneca, New York	1.1339	0.9698	0.1635	1.1333
Transportation Rates for Medium Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.8015	1.8447	0.9535	2.7982
	Superior, Wisconsin	5.8016	3.5054	2.2885	5.7939
	Lockport, Illinois	12.5725	6.9737	5.5800	12.5537
	Mokena, Illinois	12.5725	6.9737	5.5800	12.5537
	Flanagan, Illinois	12.5725	6.9737	5.5800	12.5537
	Griffith, Indiana	12.5725	6.9737	5.5800	12.5537
	Stockbridge, Michigan	15.1251	8.3144	6.7878	15.1022
	Marysville, Michigan	15.1251	8.3144	6.7878	15.1022
	International Boundary near Marysville, Michigan	14.8042	7.9935	6.7878	14.7813
	West Seneca, New York	15.4972	8.5093	6.9644	15.4737
Clearbrook, Minnesota	Clearbrook, Minnesota	1.4431	1.4431	0.0000	1.4431
	Superior, Wisconsin	4.4553	3.1158	1.3350	4.4508
	Lockport, Illinois	11.2263	6.5842	4.6264	11.2106
	Mokena, Illinois	11.2263	6.5842	4.6264	11.2106
	Flanagan, Illinois	11.2263	6.5842	4.6264	11.2106
	Griffith, Indiana	11.2263	6.5842	4.6264	11.2106
	Stockbridge, Michigan	13.7773	7.9233	5.8343	13.7576
	Marysville, Michigan	13.7773	7.9233	5.8343	13.7576
	International Boundary near Marysville, Michigan	13.4562	7.6022	5.8343	13.4365
West Seneca, New York	14.1510	8.1199	6.0108	14.1307	

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From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.31.0	Indexed Base Rate	Facilities Surcharge	Proposed FERC No. 43.34.0
Transportation Rates for Medium Crude Petroleum - Continued					
Mokena, Illinois	Griffith, Indiana	1.6805	1.4891	0.1907	1.6798
	Stockbridge, Michigan	4.0379	2.7268	1.3067	4.0335
	Marysville, Michigan	5.4845	3.4859	1.9918	5.4777
	International Boundary near Marysville, Michigan	5.2061	3.1863	2.0130	5.1993
	West Seneca, New York	5.9026	3.7056	2.1896	5.8952
Griffith, Indiana	Griffith, Indiana	1.2681	1.2681	0.0000	1.2681
	Stockbridge, Michigan	4.0379	2.7268	1.3067	4.0335
	Marysville, Michigan	5.4845	3.4859	1.9918	5.4777
	International Boundary near Marysville, Michigan	5.2061	3.1863	2.0130	5.1993
	West Seneca, New York	5.9026	3.7056	2.1896	5.8952
Stockbridge, Michigan	Marysville, Michigan	2.7248	2.0374	0.6851	2.7225
	International Boundary near Marysville, Michigan	2.4485	1.7398	0.7063	2.4461
	West Seneca, New York	3.1416	2.2557	0.8829	3.1386
Lewiston, Michigan	Marysville, Michigan	3.9468	2.6357	1.3067	3.9424
	International Boundary near Marysville, Michigan	3.6517	2.3335	1.3138	3.6473
	West Seneca, New York	4.3368	2.8414	1.4904	4.3318
International Boundary near Grand Island, New York	West Seneca, New York	1.1598	0.9826	0.1766	1.1592
Transportation Rates for Heavy Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.0637	1.9829	1.0771	3.0600
	Superior, Wisconsin	6.4279	3.8340	2.5852	6.4192
	Lockport, Illinois	14.1028	7.7782	6.3033	14.0815
	Mokena, Illinois	14.1028	7.7782	6.3033	14.0815
	Flanagan, Illinois	14.1028	7.7782	6.3033	14.0815
	Griffith, Indiana	14.1028	7.7782	6.3033	14.0815
	Stockbridge, Michigan	16.9879	9.2943	7.6677	16.9620
	Marysville, Michigan	16.9879	9.2943	7.6677	16.9620
	International Boundary near Marysville, Michigan	16.6626	8.9690	7.6677	16.6367
	West Seneca, New York	17.4037	9.5100	7.8672	17.3772

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From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.31.0	Indexed Base Rate	Facilities Surcharge	Proposed FERC No. 43.34.0
Transportation Rates for Heavy Crude Petroleum - Continued					
Clearbrook, Minnesota	Clearbrook, Minnesota	1.4431	1.4431	0.0000	1.4431
	Superior, Wisconsin	4.8235	3.3104	1.5080	4.8184
	Lockport, Illinois	12.4952	7.2514	5.2262	12.4776
	Mokena, Illinois	12.4952	7.2514	5.2262	12.4776
	Flanagan, Illinois	12.4952	7.2514	5.2262	12.4776
	Griffith, Indiana	12.4952	7.2514	5.2262	12.4776
	Stockbridge, Michigan	15.3776	8.7648	6.5906	15.3554
	Marysville, Michigan	15.3776	8.7648	6.5906	15.3554
	International Boundary near Marysville, Michigan	15.0546	8.4418	6.5906	15.0324
	West Seneca, New York	15.8015	8.9886	6.7900	15.7786
Mokena, Illinois	Griffith, Indiana	1.7325	1.5163	0.2154	1.7317
	Stockbridge, Michigan	4.3964	2.9153	1.4761	4.3914
	Marysville, Michigan	6.0307	3.7731	2.2500	6.0231
	International Boundary near Marysville, Michigan	5.7617	3.4800	2.2740	5.7540
	West Seneca, New York	6.5008	4.0190	2.4735	6.4925
Griffith, Indiana	Griffith, Indiana	1.2681	1.2681	0.0000	1.2681
	Stockbridge, Michigan	4.3964	2.9153	1.4761	4.3914
	Marysville, Michigan	6.0307	3.7731	2.2500	6.0231
	International Boundary near Marysville, Michigan	5.7617	3.4800	2.2740	5.7540
	West Seneca, New York	6.5008	4.0190	2.4735	6.4925
Stockbridge, Michigan	Marysville, Michigan	2.9139	2.1373	0.7740	2.9113
	International Boundary near Marysville, Michigan	2.6396	1.8390	0.7979	2.6369
	West Seneca, New York	3.3845	2.3838	0.9974	3.3812
Lewiston, Michigan	Marysville, Michigan	4.2933	2.8122	1.4761	4.2883
	International Boundary near Marysville, Michigan	4.0017	2.5126	1.4841	3.9967
	West Seneca, New York	4.7347	3.0455	1.6835	4.7290
International Boundary near Grand Island, New York	West Seneca, New York	1.2106	1.0105	0.1995	1.2100



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX B

**REVENUE REQUIREMENT CALCULATION
FOR FACILITIES SURCHARGE**

Enbridge Energy, LP
Revenue Requirement, Adjustments, and Unit Transmission Rate
Set Forth in FERC No. 43.34.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Summary of Facilities Surcharge (FS) Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2018</u>	<u>Actual 2018</u>	<u>Projected 2019</u>
FS Projects: 1, 3, 4, 6-8, 13-17					
1	Return on Rate Base	Input	38,645	42,932	42,658
2	Income Taxes	Input	9,692	-	11,757
3	Amortization of Deferred Earnings	Input	1,064	1,097	1,386
4	Depreciation	Input	21,369	21,367	21,367
5	Amortization of Allowance of Funds Used During Construction (AFUDC)	Input	504	504	504
6	Operating Costs	Input	7,608	7,489	7,701
7	Subtotal	Sum Lns. (1 - 6)	<u>78,881</u>	<u>73,389</u>	<u>85,373</u>
FS Projects: 5, 12, 18-26					
8	Southern Access Mainline Expansion (Project 5)	Pg. 3, Sch. 8, Ln. 4	212,028	202,223	218,107
9	Alberta Clipper (Project 12)	Pg. 4, Sch. 2, Ln. 7	200,866	199,861	218,341
10	Eastern Access Mainline Expansion Phase 1 and 2 (Projects 18, 19)	Pg. 7, Sch. 8, Ln. 5	257,759	245,244	271,563
11	2014 - 2016 Mainline Expansions (Projects 20, 24)	Pg. 8, Sch. 2, Ln. 7	293,359	264,011	313,318
12	Line 14 (Project 21)	Pg. 11, Sch. 8, Ln. 6	32,848	29,920	34,859
13	Agreed-Upon Legacy Integrity (Projects 22)	Pg. 12, Sch. 2, Ln. 7	39,947	37,167	42,696
14	Agreed-Upon Future Integrity (Project 23)	Pg. 14, Sch. 2, Ln. 7	81,818	64,114	51,016
15	Interim Lakehead Operational Tank Service (Project 25)	Input	18,000	18,000	18,000
16	Qualifying Volume Adjustment	Input, Note 1	(246,992)	(245,506)	(263,170)
17	Subtotal	Sum Lns. (8 - 16)	<u>889,634</u>	<u>815,033</u>	<u>904,730</u>
18	Total FS Revenue Requirement	Sum Lns. (7 & 17)	<u>968,515</u>	<u>888,422</u>	<u>990,103</u>

Schedule 2 (Adjustments to FS Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2018</u>	<u>Actual 2018</u>	<u>Projected 2019</u>
1	Total FS Revenue Requirement	Sch. 1, Ln. 18	968,515	888,422	990,103
2	True-Up of (Over) / Under Collection of Previous Year's FS Revenue Requirement	Input	40,111	40,111	(59,248)
3	Interest on True-Up of (Over) / Under Collection of Previous Year's FS Revenue Requirement	Input * (Average Quarterly T-Bill Rate), Note 2	329	329	(1,280)
4	Interest on True-up of (Over) / Under Collection of Previous Year's ABC Revenue Requirement	Input * (Average Monthly 2018 BoC Bank Rate)	84	84	56
5	Total FS Adjusted Revenue Requirement	Sum Lns. (1 - 4)	1,009,039	928,946	929,631
6	Transmission FS Revenue Requirement - Adjusted For Annual Revenue Collection	Input, Note 3			920,127
7	Actual Revenue Collected	Input		<u>988,195</u>	

Schedule 3 (System Deliveries and Light Crude Equivalent Unit Transmission Rate)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2019</u>
1	Total System Deliveries [m3 per day]	Input	449,372
2	Light Crude Equivalent (LCE) [000 m3.miles per day]	Input	385,454
Calculation of LCE Unit Transmission Rate			
3	Times Days From January 1 - December 31 (Days)	Input	365
4	Total LCE [000 m3.miles]	Lns. 2 * 3	140,690,682
5	LCE Unit Transmission Rate [cents/100 m3.mile]	(Sch. 2, Ln. 6 / Sch. 3, Ln. 4) *10,000	65.400706

Notes

1. Qualifying Volume Adjustments are in accordance with the Alberta Clipper U.S. Term Sheet at paragraph 13.
2. The Average Quarterly U.S. T-Bill Rate is based on the following dates: (3/30/18, 06/29/18, 09/28/18, 12/31/18).
3. Revenue Requirement adjusted to collect the Total FS Adjusted Revenue Requirement within the calendar year.
4. Totals may not add due to rounding.

Enbridge Energy, LP
Revenue Requirement Calculation for Southern Access Mainline Expansion (Project 5)
Set Forth in FERC No. 43.34.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Carrier Plant In Service (CPIS) Additions	Input, Note 1	1,847,494	1,845,771	1,853,837
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input	14,189	13,382	13,375
3	Operating Expenses (Power)	Input, Note 2	73,481	70,802	61,160
4	Operating Expenses (Other)	Input	22,765	21,176	24,351

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	96,065	114,065	109,160
2	Income Tax Allowance	Sch. 6, Ln. 7	23,957	-	30,332
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	110,435	105,360	98,886
4	Depreciation of Assets	Input	61,110	61,065	61,176
5	Depreciation on AFUDC	Input	3,128	3,128	3,131
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	4,807	4,895	5,526
7	Total Revenue Requirement	Sum Lns. (1 - 6)	<u>299,502</u>	<u>288,514</u>	<u>308,211</u>

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input	1,847,494	1,845,771	1,853,837
2	Accumulated Depreciation	Input	(600,267)	(600,249)	(661,350)
3	Net AFUDC	Input	62,542	62,540	59,815
4	Accumulated Deferred Income Tax (ADIT)	Sch. 7, Ln. - (11)	(225,950)	-	(8,106)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	<u>1,083,819</u>	<u>1,308,062</u>	<u>1,244,196</u>

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-Beginning of the Year (BOY)	Previous Year Ln. 4	111,077	111,077	126,658
2	Annual Deferred Earnings	Input	15,161	20,476	17,399
3	Amortization of Deferred Earnings	Input	(4,807)	(4,895)	(5,526)
4	Deferred Earnings-End of Year (EOY)	Sum Lns. (1 - 3)	<u>121,431</u>	<u>126,658</u>	<u>138,532</u>
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	<u>116,254</u>	<u>118,868</u>	<u>132,595</u>

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	712,355	838,302	816,903
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	487,719	588,628	559,888
3	Total Rate Base - Average	Sum Lns. (1 - 2)	<u>1,200,074</u>	<u>1,426,930</u>	<u>1,376,791</u>
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	59.4%	58.7%	59.3%
5	Adjusted Debt Ratio	1 - Ln. 4	40.6%	41.3%	40.7%
6	Cost of Equity (Real)	Input	9.0%	9.0%	9.0%
7	Cost of Debt	Input	6.6%	6.6%	6.4%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	8.0%	8.0%	8.0%
9	Total Return on Rate Base	Lns. 3 * 8	96,065	114,065	109,160
10	Interest Expense	Lns. - (2 * 7)	(31,981)	(38,618)	(35,863)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	<u>64,084</u>	<u>75,447</u>	<u>73,297</u>

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 3 Actual 2018	Note 4 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	64,084	-	73,297
2	Amortization of Allowance for Equity During Construction (AEDC)	Input	2,185	-	2,187
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	4,807	-	5,526
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(1,588)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	69,488	-	81,010
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	23,957	-	30,332

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 3 Actual 2018	Note 4 Projected 2019
1	MACRS Claim	Input	110,694	-	121,632
2	Depreciation	Sch. 2, Ln. 4	61,110	-	61,176
3	AIDC Amortization	Input	943	-	944
4	Difference	Ln. 1 - Lns. (2 - 3)	48,640	-	59,513
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	13,075	-	16,213
7	Amortization of Over(Under) Funded ADIT	Input	(1,588)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	11,486	-	16,213
9	Previous ADIT	Input	220,207	-	-
10	Year End ADIT	Sum Lns. (8 - 9)	231,693	-	16,213
11	Average ADIT	Average Lns. 9 and 10	225,950	-	8,106

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Actual 2018	Projected 2019
1	Total Revenue Requirement	Sch. 2, Ln. 7	299,502	288,514	308,211
2	50% of Qualifying Volume	Input	(81,728)	(80,907)	(84,537)
3	Tankage Credits	Input	(5,745)	(5,384)	(5,567)
4	Total Revenue Requirement - Adjusted	Sum Lns. (1, 2 and 3)	212,028	202,223	218,107

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
2. Reflects power costs related to Southern Access Mainline Expansion (Project 5) and subsequent expansions related to Southern Access Mainline Expansion.
3. For 2018 Actual Schedules 6 & 7, in accordance with FERC "Order On Tariff Filing Following Supplemental Comments" issued November 18, 2019 in Docket No. IS19-231-000, Enbridge Energy, Limited Partnership has ceased collecting an Income Tax Allowance and zeroed out the existing Accumulated Deferred Income Tax balance as of January 1, 2018.
4. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.

Enbridge Energy, LP
Revenue Requirement Calculation for Alberta Clipper (Project 12)
Set Forth in FERC No. 43.34.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIs Additions	Input, Note 1	1,202,057	1,202,057	1,202,588
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input, Note 2	22,916	22,916	22,807
3	Operating Expenses (Power)	Input, Note 3	51,541	57,531	55,465
4	Operating Expenses (Other)	Input, Note 2	18,050	18,050	19,740

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	57,535	64,816	65,425
2	Income Tax Allowance	Sch. 6, Ln. 7	14,325	-	17,974
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	92,507	98,497	98,012
4	Depreciation of Assets	Input	32,617	32,617	32,632
5	Depreciation on AFUDC	Input	1,584	1,584	1,584
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	2,298	2,346	2,714
7	Total Revenue Requirement	Sum Lns. (1 - 6)	200,866	199,861	218,341

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIs Additions	Input	1,202,057	1,202,057	1,202,588
2	Accumulated Depreciation	Input	(305,414)	(305,414)	(338,037)
3	Net AFUDC	Input	43,142	43,142	41,558
4	ADIT	Sch. 7, Ln. - (11)	(139,424)	-	(5,379)
5	Working Capital	Input	7,621	7,871	8,148
6	Average Rate Base	Sum Lns. (1 - 5)	807,983	947,657	908,879

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-BOY	Previous Year Ln. 4	67,627	67,627	79,812
2	Annual Deferred Earnings	Input	10,994	14,532	12,489
3	Amortization of Deferred Earnings	Input	(2,298)	(2,346)	(2,714)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	76,323	79,812	89,587
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	71,975	73,720	84,700

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	516,366	594,931	584,583
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	363,592	426,445	408,995
3	Total Rate Base - Average	Sum Lns. (1 - 2)	879,958	1,021,376	993,578
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	58.7%	58.2%	58.8%
5	Adjusted Debt Ratio	1 - Ln. 4	41.3%	41.8%	41.2%
6	Cost of Equity (Real)	Input	7.5%	7.2%	7.6%
7	Cost of Debt	Input	5.2%	5.2%	5.2%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	6.5%	6.3%	6.6%
9	Total Return on Rate Base	Lns. 3 * 8	57,535	64,816	65,425
10	Interest Expense	Lns. - (2 * 7)	(18,907)	(22,175)	(21,268)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	38,628	42,641	44,157

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 4 Actual 2018	Note 5 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	38,628	-	44,157
2	Amortization of AEDC	Input	1,133	-	1,133
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	2,298	-	2,714
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(831)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	41,229	-	48,004
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	14,325	-	17,974

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 4 Actual 2018	Note 5 Projected 2019
1	MACRS Claim	Input	72,006	-	72,574
2	Depreciation	Sch. 2, Ln. 4	32,617	-	32,632
3	AIDC Amortization	Input	451	-	451
4	Difference	Ln. 1 - Lns. (2 - 3)	38,938	-	39,491
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	10,467	-	10,758
7	Amortization of Over(Under) Funded ADIT	Input	(831)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	9,635	-	10,758
9	Previous ADIT	Input	134,607	-	-
10	Year End ADIT	Sum Lns. (8 - 9)	144,242	-	10,758
11	Average ADIT	Average Lns. 9 and 10	139,424	-	5,379

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Actual 2018	Projected 2019
1	Total Revenue Requirement	Sch. 2, Ln. 7	200,866	199,861	218,341
2	QV Adjustments				
2	100% of Incremental Index Revenue	Input	(246,992)	(245,506)	(263,170)
3	Total Revenue Requirement - Adjusted	Ln. 1 + Ln. 4	(46,126)	(45,645)	(44,829)

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
2. Property Taxes and Operating Expenses (Other) are adjusted in accordance with Alberta Clipper U.S. Term Sheet at paragraph 3(f)(i).
3. Reflects power costs related to Albert Clipper (Project 12) and subsequent expansions related to Alberta Clipper.
4. For 2018 Actual Schedules 6 & 7, in accordance with FERC "Order On Tariff Filing Following Supplemental Comments" issued November 18, 2019 in Docket No. IS19-231-000, Enbridge Energy, Limited Partnership has ceased collecting an Income Tax Allowance and zeroed out the existing Accumulated Deferred Income Tax balance as of January 1, 2018.
5. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.

Enbridge Energy, LP
Revenue Requirement Calculation for Eastern Access Mainline Expansion Phase 1 and 2 (Projects 18, 19)
Set Forth in FERC No. 43.34.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input, Note 1	2,145,634	2,145,473	2,142,623
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	38,248	40,150	39,019
3	Operating Expenses (Power)	Input	12,079	4,663	14,287
4	Operating Expenses (Other)	Input	24,190	25,748	30,658

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	150,738	160,807	158,588
2	Income Tax Allowance	Sch. 6, Ln. 7	35,634	-	41,005
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	74,518	70,560	83,963
4	Depreciation of Assets	Input	68,283	68,278	68,186
5	Depreciation on AFUDC	Input	3,285	3,286	3,287
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	1,962	2,051	2,874
7	Total Revenue Requirement	Sum Lns. (1 - 6)	334,421	304,982	357,902

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input	2,145,634	2,145,473	2,142,623
2	Accumulated Depreciation	Input	(277,292)	(277,298)	(345,526)
3	Net AFUDC	Input	89,312	89,355	86,078
4	ADIT	Sch. 7, Ln. - (11)	(164,979)	-	(9,266)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,792,675	1,957,530	1,873,909

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-BOY	Previous Year Ln. 4	47,852	47,852	73,582
2	Annual Deferred Earnings	Input	22,228	27,781	23,814
3	Amortization of Deferred Earnings	Input	(1,962)	(2,051)	(2,874)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	68,117	73,582	94,522
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	57,985	60,717	84,052

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	1,043,955	1,137,358	1,114,702
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	806,704	880,888	843,259
3	Total Rate Base - Average	Sum Lns. (1-2)	1,850,659	2,018,247	1,957,961
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	56.4%	56.4%	56.9%
5	Adjusted Debt Ratio	1 - Ln. 4	43.6%	43.6%	43.1%
6	Cost of Equity (Real)	Input	9.4%	9.1%	9.4%
7	Cost of Debt	Input	6.6%	6.6%	6.4%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	8.1%	8.0%	8.1%
9	Total Return on Rate Base	Input	150,738	160,807	158,588
10	Interest Expense	Input	(52,911)	(57,792)	(54,211)
11	Equity Return on Rate Base	Sum Lns. (9-10)	97,827	103,015	104,376

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	97,827	-	104,376
2	Amortization of AEDC	Input	2,263	-	2,265
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	1,962	-	2,874
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(1,376)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	100,677	-	109,515
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	35,634	-	41,005

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	MACRS Claim	Input	151,919	-	137,233
2	Depreciation	Sch. 2, Ln. 4	68,283	-	68,186
3	AIDC Amortization	Input	1,022	-	1,022
4	Difference	Ln. 1 Minus Lns. (2 - 3)	82,614	-	68,025
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	22,207	-	18,531
7	Amortization of Over(Under) Funded ADIT	Input	(1,376)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	20,831	-	18,531
9	Previous ADIT	Input	154,564	-	-
10	Year end ADIT	Sum Lns. (8 - 9)	175,394	-	18,531
11	Average ADIT	Average Lns. 9 and 10	164,979	-	9,266

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Actual 2018	Projected 2019
1	Total Revenue Requirement	Sch. 2, Ln. 7	334,421	304,982	357,902
2	Index Revenue Credits	Input	(30,520)	(18,760)	(33,123)
3	Capital Cost Risk Sharing	Input	(23,335)	(21,003)	(24,319)
4	Line 6B Integrity Credits	Input	(22,807)	(19,975)	(28,897)
5	Total Revenue Requirement - Adjusted	Sum Lns. (1 - 4)	257,759	245,244	271,563

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
2. For 2018 Actual Schedules 6 & 7, in accordance with FERC "Order On Tariff Filing Following Supplemental Comments" issued November 18, 2019 in Docket No. IS19-231-000, Enbridge Energy, Limited Partnership has ceased collecting an Income Tax Allowance and zeroed out the existing Accumulated Deferred Income Tax balance as of January 1, 2018.
3. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input, Note 1	2,007,416	1,996,928	2,044,112
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	15,706	14,793	15,560
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	30,011	30,672	32,304

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	140,872	147,758	151,167
2	Income Tax Allowance	Sch. 6, Ln. 7	35,815	-	40,612
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	45,718	45,464	47,864
4	Depreciation of Assets	Input	65,867	65,602	67,525
5	Depreciation on AFUDC	Input	3,589	3,609	3,736
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	1,499	1,578	2,413
7	Total Revenue Requirement	Sum Lns. (1 - 6)	293,359	264,011	313,318

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input	2,007,416	1,996,928	2,044,112
2	Accumulated Depreciation	Input	(173,360)	(173,261)	(239,768)
3	Net AFUDC	Input	99,474	100,652	99,636
4	ADIT	Sch. 7, Ln. - (11)	(116,134)	-	(18,676)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,817,396	1,924,318	1,885,303

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-BOY	Previous Year Ln. 4	33,243	33,243	58,504
2	Annual Deferred Earnings	Input	22,065	26,839	23,629
3	Amortization of Deferred Earnings	Input	(1,499)	(1,578)	(2,413)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	53,809	58,504	79,719
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	43,526	45,873	69,111

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	1,043,093	1,104,248	1,106,028
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	817,828	865,943	848,387
3	Total Rate Base - Average	Sum Lns. (1-2)	1,860,922	1,970,192	1,954,415
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	56.1%	56.0%	56.6%
5	Adjusted Debt Ratio	1 - Ln. 4	43.9%	44.0%	43.4%
6	Cost of Equity (Real)	Input	9.4%	9.1%	9.4%
7	Cost of Debt	Input	5.4%	5.6%	5.6%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.6%	7.5%	7.7%
9	Total Return on Rate Base	Input	140,872	147,758	151,167
10	Interest Expense	Input	(43,762)	(48,236)	(47,603)
11	Equity Return on Rate Base	Sum Lns. (9-10)	97,110	99,521	103,564

Schedule 6 (Income Tax Allowance)

Line No.	Description	Source	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	97,110	-	103,564
2	Amortization of AEDC	Input	2,379	-	2,488
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	1,499	-	2,413
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(958)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	100,030	-	108,465
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	35,815	-	40,612

Schedule 7 (ADIT)

Line No.	Description	Source	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	MACRS Claim	Input	161,952	-	205,885
2	Depreciation	Sch. 2, Ln. 4	65,867	-	67,525
3	AIDC Amortization	Input	1,210	-	1,248
4	Difference	Ln. 1 Minus Lns. (2 - 3)	94,875	-	137,111
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	25,503	-	37,352
7	Amortization of Over(Under) Funded ADIT	Input	(958)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	24,545	-	37,352
9	Previous ADIT	Input	103,862	-	-
10	Year End ADIT	Sum Lns. (8 - 9)	128,407	-	37,352
11	Average ADIT	Average Lns. 9 and 10	116,134	-	18,676

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
2. For 2018 Actual Schedules 6 & 7, in accordance with FERC "Order On Tariff Filing Following Supplemental Comments" issued November 18, 2019 in Docket No. IS19-231-000, Enbridge Energy, Limited Partnership has ceased collecting an Income Tax Allowance and zeroed out the existing Accumulated Deferred Income Tax balance as of January 1, 2018.
3. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input, Note 1	642,635	641,966	654,459
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	1,543	539	532
3	Operating Expenses (Power)	Input	(4,500)	(4,500)	(4,500)
4	Operating Expenses (Other)	Input	9,966	10,505	11,356

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	16,029	14,632	13,274
2	Income Tax Allowance	Sch. 6, Ln. 7	2,384	-	6,188
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	7,009	6,544	7,389
4	Depreciation of Assets	Input	30,402	30,379	30,788
5	Depreciation on AFUDC	Input	425	425	425
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	6,206	6,195	6,748
7	Total Revenue Requirement	Sum Lns. (1 - 6)	62,455	58,175	64,812

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input	642,635	641,966	654,459
2	Accumulated Depreciation	Input	(470,634)	(470,629)	(501,187)
3	Net AFUDC	Input	1,179	1,179	754
4	ADIT	Sch. 7, Ln. - (11)	15,359	-	1,045
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	188,538	172,516	155,071

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-BOY	Input	20,383	20,383	16,962
2	Annual Deferred Earnings	Input	2,604	2,774	2,135
3	Amortization of Deferred Earnings	Input	(6,206)	(6,195)	(6,748)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	16,780	16,962	12,349
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	18,581	18,672	14,655

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	122,277	113,556	99,944
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	84,842	77,632	69,782
3	Total Rate Base - Average	Sum Lns. (1 - 2)	207,119	191,189	169,727
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	59.0%	59.4%	58.9%
5	Adjusted Debt Ratio	1 - Ln. 4	41.0%	40.6%	41.1%
6	Cost of Equity (Real)	Input	9.4%	9.1%	9.4%
7	Cost of Debt	Input	5.4%	5.6%	5.6%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.7%	7.7%	7.8%
9	Total Return on Rate Base	Input	16,029	14,632	13,274
10	Interest Expense	Input	(4,571)	(4,347)	(3,915)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	11,458	10,285	9,358

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	11,458	-	9,358
2	Amortization of AEDC	Input	420	-	420
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	6,206	-	6,748
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(3,118)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	14,967	-	16,527
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	2,384	-	6,188

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	MACRS Claim	Input	11,269	-	23,121
2	Depreciation	Sch. 2, Ln. 4,	30,402	-	30,788
3	AIDC Amortization	Input	4	-	4
4	Difference	Ln. 1 - Ln. 2	(19,137)	-	(7,672)
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	(5,144)	-	(2,090)
7	Amortization of Over(Under) Funded ADIT	Input	(3,118)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	(8,262)	-	(2,090)
9	Previous ADIT	Input	(11,228)	-	-
10	Year End ADIT	Sum Lns. (8 - 9)	(19,490)	-	(2,090)
11	Average ADIT	Average Lns. 9 and 10	(15,359)	-	(1,045)

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2018	Actual 2018	Projected 2019
1	Total Revenue Requirement	Sch. 2, Ln. 7	62,455	58,175	64,812
2	Index Revenue Credits	Input	(35,941)	(35,941)	(37,498)
3	\$30 mm Credit	Input	(509)	(623)	(763)
4	Line 1/13 Swap for Terrace	Input	5,015	5,130	5,130
5	350 Centistoke (Reference Temperature Increase)	Input	1,829	3,179	3,179
6	Total Revenue Requirement - Adjusted	Sum Lns. (1 - 5)	32,848	29,920	34,859

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
2. For 2018 Actual Schedules 6 & 7, in accordance with FERC "Order On Tariff Filing Following Supplemental Comments" issued November 18, 2019 in Docket No. IS19-231-000, Enbridge Energy, Limited Partnership has ceased collecting an Income Tax Allowance and zeroed out the existing Accumulated Deferred Income Tax balance as of January 1, 2018.
3. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIs Additions	Input, Note 1	370,503	370,503	370,503
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	-	-	-
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	-	-	-

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	19,305	21,191	20,721
2	Income Tax Allowance	Sch. 6, Ln. 7	4,690	-	5,787
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	-	-	-
4	Depreciation of Assets	Input	15,141	15,141	15,141
5	Depreciation on AFUDC	Input	27	27	27
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	784	807	1,019
7	Total Revenue Requirement	Sum Lns. (1 - 6)	39,947	37,167	42,696

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIs Additions	Input	370,503	370,503	370,503
2	Accumulated Depreciation	Input	(105,532)	(105,532)	(120,673)
3	Net AFUDC	Input	470	470	443
4	ADIT	Sch. 7, Ln. - (11)	(27,681)	-	(805)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	237,760	265,441	249,468

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-BOY	Previous Yr, Ln. 4	12,579	12,579	15,683
2	Annual Deferred Earnings	Input	3,077	3,911	3,291
3	Amortization of Deferred Earnings	Input	(784)	(807)	(1,019)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	14,871	15,683	17,954
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	13,725	14,131	16,818

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	144,493	160,123	154,026
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	106,992	119,449	112,261
3	Total Rate Base - Average	Sum Lns. (1 - 2)	251,485	279,572	266,286
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.5%	57.3%	57.8%
5	Adjusted Debt Ratio	1 - Ln. 4	42.5%	42.7%	42.2%
6	Cost of Equity (Real)	Input	9.4%	9.1%	9.4%
7	Cost of Debt	Input	5.4%	5.6%	5.6%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.7%	7.6%	7.8%
9	Total Return on Rate Base	Lns. 3 * 8	19,305	21,191	20,721
10	Interest Expense	Lns. - (2 * 7)	(5,764)	(6,688)	(6,299)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	13,540	14,503	14,422

Schedule 6 (Income Tax Allowance)

Line No.	Description	Source	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	13,540	-	14,422
2	Amortization of AEDC	Input	15	-	15
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	784	-	1,019
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(425)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	13,914	-	15,456
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	4,690	-	5,787

Schedule 7 (ADIT)

Line No.	Description	Source	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	MACRS Claim	Input	22,642	-	21,064
2	Depreciation	Sch. 2, Ln. 4,	15,141	-	15,141
3	AIDC Amortization	Input	12	-	12
4	Difference	Ln. 1 - Lns (2 - 3)	7,489	-	5,911
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	2,013	-	1,610
7	Amortization of Over(Under) Funded ADIT	Input	(425)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	1,588	-	1,610
9	Previous ADIT	Input	26,887	-	-
10	Year End ADIT	Sum Lns. (8 - 9)	28,475	-	1,610
11	Average ADIT	Average Lns. 9 and 10	27,681	-	805

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
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3. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.

Enbridge Energy, LP
Revenue Requirement Calculation for Agreed-Upon Future Integrity (Project 23)
Set Forth in FERC No. 43.34.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input, Note 1	312,393	315,233	352,535
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	7,223	7,248	7,739
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	37,950	24,146	-

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Overall Return on Rate Base	Sch. 5, Ln. 9	21,077	22,277	25,085
2	Income Tax Allowance	Sch. 6, Ln. 7	5,235	-	6,542
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	45,173	31,393	7,739
4	Depreciation of Assets	Input	10,138	10,237	11,316
5	Depreciation on AFUDC	Input	-	-	-
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	195	207	334
7	Total Revenue Requirement	Sum Lns. (1 - 6)	81,818	64,114	51,016

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	CPIS Additions	Input	312,393	315,233	352,535
2	Accumulated Depreciation	Input	(25,589)	(25,726)	(36,683)
3	Net AFUDC	Input	-	-	-
4	ADIT	Sch. 7, Ln. - (11)	(15,872)	-	(1,074)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	270,932	289,508	314,778

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Deferred Earnings-BOY	Previous Yr, Ln. 4	4,266	4,266	8,099
2	Annual Deferred Earnings	Input	3,297	4,040	3,910
3	Amortization of Deferred Earnings	Input	(195)	(207)	(334)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	7,368	8,099	11,675
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	5,817	6,183	9,887

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2018	Actual 2018	Projected 2019
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	154,829	165,412	183,015
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	121,919	130,278	141,650
3	Total Rate Base - Average	Sum Lns. (1 - 2)	276,748	295,690	324,666
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	55.9%	55.9%	56.4%
5	Adjusted Debt Ratio	1 - Ln. 4	44.1%	44.1%	43.6%
6	Cost of Equity (Real)	Input	9.4%	9.1%	9.4%
7	Cost of Debt	Input	5.4%	5.6%	5.6%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.6%	7.5%	7.7%
9	Total Return on Rate Base	Lns. 3 * 8	21,077	22,277	25,085
10	Interest Expense	Lns. - (2 * 7)	(6,569)	(7,295)	(7,948)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	14,509	14,982	17,137

Schedule 6 (Income Tax Allowance)

Line No.	Description	Source	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	Equity Return on Rate Base	Sch. 5, Ln. 11	14,509	-	17,137
2	Amortization of AEDC	Input	-	-	-
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	195	-	334
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	(124)	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	14,579	-	17,471
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	36.8%	-	37.4%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	5,235	-	6,542

Schedule 7 (ADIT)

Line No.	Description	Source	Projected 2018	Note 2 Actual 2018	Note 3 Projected 2019
1	MACRS Claim	Input	25,621	-	19,200
2	Depreciation	Sch. 2, Ln. 4	10,138	-	11,316
3	AIDC Amortization	Input	-	-	-
4	Difference	Ln. 1 - Ln. 2	15,483	-	7,884
5	Income Tax Rate	Input	26.9%	-	27.2%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	4,162	-	2,148
7	Amortization of Over(Under) Funded ADIT	Input	(124)	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	4,037	-	2,148
9	Previous ADIT	Input	13,854	-	-
10	Year End ADIT	Sum Lns. (8 - 9)	17,891	-	2,148
11	Average ADIT	Average Lns. 9 and 10	15,872	-	1,074

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.
2. For 2018 Actual Schedules 6 & 7, in accordance with FERC "Order On Tariff Filing Following Supplemental Comments" issued November 18, 2019 in Docket No. IS19-231-000, Enbridge Energy, Limited Partnership has ceased collecting an Income Tax Allowance and zeroed out the existing Accumulated Deferred Income Tax balance as of January 1, 2018.
3. For 2019 Projected Schedules 6 & 7, Enbridge Energy, Limited Partnership became a non-MLP partnership, wholly owned by Enbridge Inc. corporate subsidiaries, as of December 20, 2018 and therefore became eligible to collect an Income Tax Allowance and accumulate Accumulated Deferred Income Tax (ADIT) as of December 21, 2018. For the sake of simplicity, Enbridge Energy, Limited Partnership began collecting an ITA and accumulating ADIT balances as of January 1, 2019.