



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. 41.17.0 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.

[N] Base Transportation Rates are filed in Compliance with 18 C.F.R. 342.4(a) Cost of Service rates.

[N] Tankage and Terminalling Rates are filed in Compliance with 18 C.F.R. 342.3 Indexing.

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

ISSUED: May 21, 2021

EFFECTIVE: July 1, 2021

ISSUED BY:

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TRANSPORTATION RATES

Commodities shall be classified on the basis of the density and viscosity of such commodities at the 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 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)	6.1538
	Rapid River, Michigan	(c), (g), (i)	9.9186
	International Boundary near Marysville, Michigan	(g), (i)	15.3496

[I] All rates on this page have increased 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)	3.3244
	Superior, Wisconsin	(c), (d), (i)	6.7020
	Lockport, Illinois	(c), (i)	14.4078
	Mokena, Illinois	(c), (i)	14.4078
	Flanagan, Illinois	(c), (e), (i)	14.4078
	Griffith, Indiana	(c), (e), (i)	14.4078
	Stockbridge, Michigan	(c), (i)	17.3013
	Marysville, Michigan	(c), (i)	17.3013
	International Boundary near Marysville, Michigan	(i)	16.9758
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (j)	1.7148
	Superior, Wisconsin	(c), (d), (i), (j)	5.0925
	Lockport, Illinois	(c), (i), (j)	12.7982
	Mokena, Illinois	(c), (i), (j)	12.7982
	Flanagan, Illinois	(c), (e), (i), (j)	12.7982
	Griffith, Indiana	(c),(e), (i), (j)	12.7982
	Stockbridge, Michigan	(c), (i), (j)	15.6916
	Marysville, Michigan	(c), (i), (j)	15.6916
	International Boundary near Marysville, Michigan	(i), (j)	15.3661
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	1.9921
	Stockbridge, Michigan	(c), (i)	4.6657
	Marysville, Michigan	(c), (i)	6.3070
	International Boundary near Marysville, Michigan	(i)	6.0323
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	1.5353
	Stockbridge, Michigan	(c), (i)	4.6657
	Marysville, Michigan	(c), (i)	6.3070
	International Boundary near Marysville, Michigan	(i)	6.0323
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	3.1766
	International Boundary near Marysville, Michigan	(i)	2.9019
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	4.6657
	International Boundary near Marysville, Michigan	(i)	4.3571

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

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)	3.5071
	Superior, Wisconsin	(c), (d), (i)	7.1406
	Lockport, Illinois	(c), (i)	15.4772
	Mokena, Illinois	(c), (i)	15.4772
	Flanagan, Illinois	(c), (e), (i)	15.4772
	Griffith, Indiana	(c), (e), (i)	15.4772
	Stockbridge, Michigan	(c), (i)	18.6021
	Marysville, Michigan	(c), (i)	18.6021
	International Boundary near Marysville, Michigan	(i)	18.2766
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (j)	1.7148
	Superior, Wisconsin	(c), (d), (i), (j)	5.3483
	Lockport, Illinois	(c), (i), (j)	13.6848
	Mokena, Illinois	(c), (i), (j)	13.6848
	Flanagan, Illinois	(c), (e), (i), (j)	13.6848
	Griffith, Indiana	(c), (e), (i), (j)	13.6848
	Stockbridge, Michigan	(c), (i), (j)	16.8098
	Marysville, Michigan	(c), (i), (j)	16.8098
	International Boundary near Marysville, Michigan	(i), (j)	16.4843
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	2.0287
	Stockbridge, Michigan	(c), (i)	4.9161
	Marysville, Michigan	(c), (i)	6.6887
	International Boundary near Marysville, Michigan	(i)	6.4181
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	1.5353
	Stockbridge, Michigan	(c), (i)	4.9161
	Marysville, Michigan	(c), (i)	6.6887
	International Boundary near Marysville, Michigan	(i)	6.4181
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	3.3079
	International Boundary near Marysville, Michigan	(i)	3.0373
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	4.9161
	International Boundary near Marysville, Michigan	(i)	4.6089

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

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)	3.8269
	Superior, Wisconsin	(c), (d), (i)	7.9081
	Lockport, Illinois	(c), (i)	17.3487
	Mokena, Illinois	(c), (i)	17.3487
	Flanagan, Illinois	(c), (e), (i)	17.3487
	Griffith, Indiana	(c), (e), (i)	17.3487
	Stockbridge, Michigan	(c), (i)	20.8788
	Marysville, Michigan	(c), (i)	20.8788
	International Boundary near Marysville, Michigan	(i)	20.5533
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (j)	1.7148
	Superior, Wisconsin	(c), (d), (i), (j)	5.7960
	Lockport, Illinois	(c), (i), (j)	15.2364
	Mokena, Illinois	(c), (i), (j)	15.2364
	Flanagan, Illinois	(c), (e), (i), (j)	15.2364
	Griffith, Indiana	(c), (e), (i), (j)	15.2364
	Stockbridge, Michigan	(c), (i), (j)	18.7665
	Marysville, Michigan	(c), (i), (j)	18.7665
	International Boundary near Marysville, Michigan	(i), (j)	18.4410
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	2.0926
	Stockbridge, Michigan	(c), (i)	5.3544
	Marysville, Michigan	(c), (i)	7.3568
	International Boundary near Marysville, Michigan	(i)	7.0933
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	1.5353
	Stockbridge, Michigan	(c), (i)	5.3544
	Marysville, Michigan	(c), (i)	7.3568
	International Boundary near Marysville, Michigan	(i)	7.0933
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	3.5377
	International Boundary near Marysville, Michigan	(i)	3.2741
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	5.3544
	International Boundary near Marysville, Michigan	(i)	5.0495

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

- (a) **Receipt Tankage** - The transportation rates from this receiving point include a receipt tankage charge of \$0.1796 per cubic meter.
- (b) **Receipt Terminalling** - The transportation rates from this receiving point include a receipt terminalling charge of \$0.4952 per cubic meter.
- (c) **Delivery Terminalling** - The transportation rates to this delivery point include a delivery terminalling charge of \$0.3255 per cubic meter.
- (d) **Delivery Tankage** - The transportation rates to this delivery point include a delivery tankage charge of \$0.1796 per cubic meter.
- (e) In addition to the transportation rate shown, a delivery tankage charge of \$0.1796 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 3.9324 cents per hundred cubic meter miles for light crude petroleum, 4.2461 cents per hundred cubic meter miles for medium crude petroleum, and 4.7178 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 1.0680 cents per hundred cubic meter miles for natural gas liquids.
- (h) In addition to the transportation rate shown, a receipt tankage charge of \$0.1796 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:

[D] – Decrease

[I] – Increase

[N] – New

[W] – Change in wording only



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX A

WORKSHEET SUPPORTING BASE RATES

Enbridge Energy, LP
Worksheet Supporting Base Portion of Rates Set Forth
In FERC No. 43.40.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0 Base Rate	7/1/2020 Ceiling	7/1/2021 Ceiling	Proposed FERC No. 43.40.0 Base Rate
Transportation Rates for NGL					
International Boundary near Neche, North Dakota	Superior, Wisconsin	2.9603	2.9603	4.0182	4.0182
	Rapid River, Michigan	4.5826	4.5826	6.0758	6.0758
	International Boundary near Marysville, Michigan	6.7704	6.7704	9.0153	9.0153
Transportation Rates for Light Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	1.8026	1.8026	2.3357	2.3357
	Superior, Wisconsin	3.3835	3.3835	4.3291	4.3291
	Lockport, Illinois	6.6474	6.6474	8.6220	8.6220
	Mokena, Illinois	6.6474	6.6474	8.6220	8.6220
	Flanagan, Illinois	6.6474	6.6474	8.6220	8.6220
	Griffith, Indiana	6.6474	6.6474	8.6220	8.6220
	Stockbridge, Michigan	7.9140	7.9140	10.2631	10.2631
	Marysville, Michigan	7.9140	7.9140	10.2631	10.2631
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	7.5847	7.5847	9.9376	9.9376
	Clearbrook, Minnesota	0.7361	1.4722	1.7148	1.7148
	Superior, Wisconsin	3.0676	3.0676	3.7083	3.7083
	Lockport, Illinois	6.3301	6.3301	8.0011	8.0011
	Mokena, Illinois	6.3301	6.3301	8.0011	8.0011
	Flanagan, Illinois	6.3301	6.3301	8.0011	8.0011
	Griffith, Indiana	6.3301	6.3301	8.0011	8.0011
	Stockbridge, Michigan	7.5940	7.5940	9.6422	9.6422
Marysville, Michigan	7.5940	7.5940	9.6422	9.6422	
Mokena, Illinois	International Boundary near Marysville, Michigan	7.2672	7.2672	9.3167	9.3167
	Griffith, Indiana	1.5032	1.5032	1.7944	1.7944
	Stockbridge, Michigan	2.6725	2.6725	3.3108	3.3108
	Marysville, Michigan	3.3890	3.3890	4.2417	4.2417
Griffith, Indiana	International Boundary near Marysville, Michigan	3.0834	3.0834	3.9450	3.9450
	Griffith, Indiana	1.2936	1.2936	1.5353	1.5353
	Stockbridge, Michigan	2.6725	2.6725	3.3108	3.3108
	Marysville, Michigan	3.3890	3.3890	4.2417	4.2417

Enbridge Energy, LP
Worksheet Supporting Base Portion of Rates Set Forth
In FERC No. 43.40.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0 Base Rate	7/1/2020 Ceiling	7/1/2021 Ceiling	Proposed FERC No. 43.40.0 Base Rate
Transportation Rates for Light Crude Petroleum - Continued					
Stockbridge, Michigan	Marysville, Michigan	2.0215	2.0215	2.4662	2.4662
	International Boundary near Marysville, Michigan	1.7133	1.7133	2.1695	2.1695
Lewiston, Michigan	Marysville, Michigan	2.5852	2.5852	3.3108	3.3108
	International Boundary near Marysville, Michigan	2.2776	2.2776	2.9949	2.9949
Transportation Rates for Medium Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	1.8819	1.8819	2.4393	2.4393
	Superior, Wisconsin	3.5760	3.5760	4.5779	4.5779
	Lockport, Illinois	7.1141	7.1141	9.2285	9.2285
	Mokena, Illinois	7.1141	7.1141	9.2285	9.2285
	Flanagan, Illinois	7.1141	7.1141	9.2285	9.2285
	Griffith, Indiana	7.1141	7.1141	9.2285	9.2285
	Stockbridge, Michigan	8.4818	8.4818	11.0009	11.0009
	Marysville, Michigan	8.4818	8.4818	11.0009	11.0009
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	8.1545	8.1545	10.6754	10.6754
	Clearbrook, Minnesota	0.7361	1.4722	1.7148	1.7148
	Superior, Wisconsin	3.1785	3.1785	3.8534	3.8534
	Lockport, Illinois	6.7168	6.7168	8.5040	8.5040
	Mokena, Illinois	6.7168	6.7168	8.5040	8.5040
	Flanagan, Illinois	6.7168	6.7168	8.5040	8.5040
	Griffith, Indiana	6.7168	6.7168	8.5040	8.5040
	Stockbridge, Michigan	8.0829	8.0829	10.2764	10.2764
	Marysville, Michigan	8.0829	8.0829	10.2764	10.2764
	International Boundary near Marysville, Michigan	7.7553	7.7553	9.9509	9.9509

Enbridge Energy, LP
Worksheet Supporting Base Portion of Rates Set Forth
In FERC No. 43.40.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0 Base Rate	7/1/2020 Ceiling	7/1/2021 Ceiling	Proposed FERC No. 43.40.0 Base Rate
Transportation Rates for Medium Crude Petroleum - Continued					
Mokena, Illinois	Griffith, Indiana	1.5191	1.5191	1.8151	1.8151
	Stockbridge, Michigan	2.7817	2.7817	3.4528	3.4528
	Marysville, Michigan	3.5561	3.5561	4.4582	4.4582
	International Boundary near Marysville, Michigan	3.2505	3.2505	4.1638	4.1638
Griffith, Indiana	Griffith, Indiana	1.2936	1.2936	1.5353	1.5353
	Stockbridge, Michigan	2.7817	2.7817	3.4528	3.4528
	Marysville, Michigan	3.5561	3.5561	4.4582	4.4582
	International Boundary near Marysville, Michigan	3.2505	3.2505	4.1638	4.1638
Stockbridge, Michigan	Marysville, Michigan	2.0784	2.0784	2.5407	2.5407
	International Boundary near Marysville, Michigan	1.7748	1.7748	2.2463	2.2463
Lewiston, Michigan	Marysville, Michigan	2.6888	2.6888	3.4528	3.4528
	International Boundary near Marysville, Michigan	2.3805	2.3805	3.1377	3.1377
Transportation Rates for Heavy Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.0228	2.0228	2.6207	2.6207
	Superior, Wisconsin	3.9112	3.9112	5.0132	5.0132
	Lockport, Illinois	7.9348	7.9348	10.2900	10.2900
	Mokena, Illinois	7.9348	7.9348	10.2900	10.2900
	Flanagan, Illinois	7.9348	7.9348	10.2900	10.2900
	Griffith, Indiana	7.9348	7.9348	10.2900	10.2900
	Stockbridge, Michigan	9.4815	9.4815	12.2922	12.2922
	Marysville, Michigan	9.4815	9.4815	12.2922	12.2922
	International Boundary near Marysville, Michigan	9.1496	9.1496	11.9667	11.9667

Enbridge Energy, LP
Worksheet Supporting Base Portion of Rates Set Forth
In FERC No. 43.40.0 (Does Not Include Incremental Facilities Surcharges)

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0 Base Rate	7/1/2020 Ceiling	7/1/2021 Ceiling	Proposed FERC No. 43.40.0 Base Rate
Transportation Rates for Heavy Crude Petroleum - Continued					
Clearbrook, Minnesota	Clearbrook, Minnesota	0.7361	1.4722	1.7148	1.7148
	Superior, Wisconsin	3.3771	3.3771	4.1073	4.1073
	Lockport, Illinois	7.3974	7.3974	9.3840	9.3840
	Mokena, Illinois	7.3974	7.3974	9.3840	9.3840
	Flanagan, Illinois	7.3974	7.3974	9.3840	9.3840
	Griffith, Indiana	7.3974	7.3974	9.3840	9.3840
	Stockbridge, Michigan	8.9413	8.9413	11.3862	11.3862
	Marysville, Michigan	8.9413	8.9413	11.3862	11.3862
Mokena, Illinois	International Boundary near Marysville, Michigan	8.6118	8.6118	11.0607	11.0607
	Griffith, Indiana	1.5468	1.5468	1.8514	1.8514
	Stockbridge, Michigan	2.9740	2.9740	3.7014	3.7014
	Marysville, Michigan	3.8491	3.8491	4.8371	4.8371
Griffith, Indiana	International Boundary near Marysville, Michigan	3.5501	3.5501	4.5468	4.5468
	Griffith, Indiana	1.2936	1.2936	1.5353	1.5353
	Stockbridge, Michigan	2.9740	2.9740	3.7014	3.7014
	Marysville, Michigan	3.8491	3.8491	4.8371	4.8371
Stockbridge, Michigan	International Boundary near Marysville, Michigan	3.5501	3.5501	4.5468	4.5468
	Marysville, Michigan	2.1803	2.1803	2.6710	2.6710
Lewiston, Michigan	International Boundary near Marysville, Michigan	1.8760	1.8760	2.3806	2.3806
	Marysville, Michigan	2.8688	2.8688	3.7014	3.7014
Lewiston, Michigan	International Boundary near Marysville, Michigan	2.5632	2.5632	3.3876	3.3876
	Marysville, Michigan	2.8688	2.8688	3.7014	3.7014



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. 43.40.0

	Previous FERC No. 43.39.0 Base Rate	7/1/2020 Ceiling	7/1/2021 Ceiling	Proposed FERC No. 43.40.0 Base Rate
(a) The transportation rates from this receiving point include a receipt tankage charge as noted per cubic meter.	0.1806	0.1806	0.1796	0.1796
(b) The transportation rates from this receiving point include a receipt terminalling charge as noted per cubic meter.	0.4981	0.4981	0.4952	0.4952
(c) The transportation rates to this delivery point include a delivery terminalling charge as noted per cubic meter.	0.3274	0.3274	0.3255	0.3255
(d) The transportation rates from this receiving point include a delivery tankage charge as noted per cubic meter.	0.1806	0.1806	0.1796	0.1796
(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.	0.1806	0.1806	0.1796	0.1796
(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.	3.9554	3.9554	3.9324	3.9324
(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.	4.2709	4.2709	4.2461	4.2461
(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.	4.7454	4.7454	4.7178	4.7178
(g) The transportation rates to this delivery point include a break-out tankage credit as noted in cents per hundred cubic meter miles	1.0742	1.0742	1.0680	1.0680
(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.	0.1806	0.1806	0.1796	0.1796



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX C

WORKSHEET SUPPORTING RATES

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.40.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.40.0
Transportation Rates for NGL					
International Boundary near Neche, North Dakota	Superior, Wisconsin	5.1607	4.0182	2.1356	6.1538
	Rapid River, Michigan	8.5420	6.0758	3.8428	9.9186
	International Boundary near Marysville, Michigan	13.2969	9.0153	6.3343	15.3496
Transportation Rates for Light Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.8213	2.3357	0.9887	3.3244
	Superior, Wisconsin	5.8284	4.3291	2.3729	6.7020
	Lockport, Illinois	12.6087	8.6220	5.7858	14.4078
	Mokena, Illinois	12.6087	8.6220	5.7858	14.4078
	Flanagan, Illinois	12.6087	8.6220	5.7858	14.4078
	Griffith, Indiana	12.6087	8.6220	5.7858	14.4078
	Stockbridge, Michigan	15.1657	10.2631	7.0382	17.3013
	Marysville, Michigan	15.1657	10.2631	7.0382	17.3013
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	14.8364	9.9376	7.0382	16.9758
	Clearbrook, Minnesota	0.7361	1.7148	0.0000	1.7148
	Superior, Wisconsin	4.4938	3.7083	1.3842	5.0925
	Lockport, Illinois	11.2727	8.0011	4.7971	12.7982
	Mokena, Illinois	11.2727	8.0011	4.7971	12.7982
	Flanagan, Illinois	11.2727	8.0011	4.7971	12.7982
	Griffith, Indiana	11.2727	8.0011	4.7971	12.7982
	Stockbridge, Michigan	13.8270	9.6422	6.0494	15.6916
	Marysville, Michigan	13.8270	9.6422	6.0494	15.6916
Mokena, Illinois	International Boundary near Marysville, Michigan	13.5002	9.3167	6.0494	15.3661
	Griffith, Indiana	1.7069	1.7944	0.1977	1.9921
	Stockbridge, Michigan	4.0685	3.3108	1.3549	4.6657
	Marysville, Michigan	5.5170	4.2417	2.0653	6.3070
Griffith, Indiana	International Boundary near Marysville, Michigan	5.2340	3.9450	2.0873	6.0323
	Griffith, Indiana	1.2936	1.5353	0.0000	1.5353
	Stockbridge, Michigan	4.0685	3.3108	1.3549	4.6657
	Marysville, Michigan	5.5170	4.2417	2.0653	6.3070
Griffith, Indiana	International Boundary near Marysville, Michigan	5.2340	3.9450	2.0873	6.0323

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.40.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.40.0
Transportation Rates for Light Crude Petroleum - Continued					
Stockbridge, Michigan	Marysville, Michigan	2.7535	2.4662	0.7104	3.1766
	International Boundary near Marysville, Michigan	2.4679	2.1695	0.7324	2.9019
Lewiston, Michigan	Marysville, Michigan	3.9812	3.3108	1.3549	4.6657
	International Boundary near Marysville, Michigan	3.6812	2.9949	1.3622	4.3571
Transportation Rates for Medium Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	2.9821	2.4393	1.0678	3.5071
	Superior, Wisconsin	6.2165	4.5779	2.5627	7.1406
	Lockport, Illinois	13.5523	9.2285	6.2487	15.4772
	Mokena, Illinois	13.5523	9.2285	6.2487	15.4772
	Flanagan, Illinois	13.5523	9.2285	6.2487	15.4772
	Griffith, Indiana	13.5523	9.2285	6.2487	15.4772
	Stockbridge, Michigan	16.3136	11.0009	7.6012	18.6021
	Marysville, Michigan	16.3136	11.0009	7.6012	18.6021
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	15.9863	10.6754	7.6012	18.2766
	Clearbrook, Minnesota	0.7361	1.7148	0.0000	1.7148
	Superior, Wisconsin	4.7188	3.8534	1.4949	5.3483
	Lockport, Illinois	12.0548	8.5040	5.1808	13.6848
	Mokena, Illinois	12.0548	8.5040	5.1808	13.6848
	Flanagan, Illinois	12.0548	8.5040	5.1808	13.6848
	Griffith, Indiana	12.0548	8.5040	5.1808	13.6848
	Stockbridge, Michigan	14.8145	10.2764	6.5334	16.8098
	Marysville, Michigan	14.8145	10.2764	6.5334	16.8098
	International Boundary near Marysville, Michigan	14.4869	9.9509	6.5334	16.4843

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.40.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.40.0
Transportation Rates for Medium Crude Petroleum - Continued					
Mokena, Illinois	Griffith, Indiana	1.7391	1.8151	0.2136	2.0287
	Stockbridge, Michigan	4.2894	3.4528	1.4633	4.9161
	Marysville, Michigan	5.8543	4.4582	2.2305	6.6887
	International Boundary near Marysville, Michigan	5.5732	4.1638	2.2543	6.4181
Griffith, Indiana	Griffith, Indiana	1.2936	1.5353	0.0000	1.5353
	Stockbridge, Michigan	4.2894	3.4528	1.4633	4.9161
	Marysville, Michigan	5.8543	4.4582	2.2305	6.6887
	International Boundary near Marysville, Michigan	5.5732	4.1638	2.2543	6.4181
Stockbridge, Michigan	Marysville, Michigan	2.8689	2.5407	0.7672	3.3079
	International Boundary near Marysville, Michigan	2.5898	2.2463	0.7910	3.0373
Lewiston, Michigan	Marysville, Michigan	4.1965	3.4528	1.4633	4.9161
	International Boundary near Marysville, Michigan	3.8963	3.1377	1.4712	4.6089
Transportation Rates for Heavy Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.2656	2.6207	1.2062	3.8269
	Superior, Wisconsin	6.8940	5.0132	2.8949	7.9081
	Lockport, Illinois	15.2076	10.2900	7.0587	17.3487
	Mokena, Illinois	15.2076	10.2900	7.0587	17.3487
	Flanagan, Illinois	15.2076	10.2900	7.0587	17.3487
	Griffith, Indiana	15.2076	10.2900	7.0587	17.3487
	Stockbridge, Michigan	18.3286	12.2922	8.5866	20.8788
	Marysville, Michigan	18.3286	12.2922	8.5866	20.8788
	International Boundary near Marysville, Michigan	17.9967	11.9667	8.5866	20.5533

Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.40.0

From	To	Transportation Rates in Dollars per Cubic Meter			
		Previous FERC No. 43.39.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.40.0
Transportation Rates for Heavy Crude Petroleum - Continued					
Clearbrook, Minnesota	Clearbrook, Minnesota	0.7361	1.7148	0.0000	1.7148
	Superior, Wisconsin	5.1171	4.1073	1.6887	5.7960
	Lockport, Illinois	13.4274	9.3840	5.8524	15.2364
	Mokena, Illinois	13.4274	9.3840	5.8524	15.2364
	Flanagan, Illinois	13.4274	9.3840	5.8524	15.2364
	Griffith, Indiana	13.4274	9.3840	5.8524	15.2364
	Stockbridge, Michigan	16.5455	11.3862	7.3803	18.7665
	Marysville, Michigan	16.5455	11.3862	7.3803	18.7665
Mokena, Illinois	International Boundary near Marysville, Michigan	16.2160	11.0607	7.3803	18.4410
	Griffith, Indiana	1.7954	1.8514	0.2412	2.0926
	Stockbridge, Michigan	4.6771	3.7014	1.6530	5.3544
	Marysville, Michigan	6.4452	4.8371	2.5197	7.3568
Griffith, Indiana	International Boundary near Marysville, Michigan	6.1738	4.5468	2.5465	7.0933
	Griffith, Indiana	1.2936	1.5353	0.0000	1.5353
	Stockbridge, Michigan	4.6771	3.7014	1.6530	5.3544
	Marysville, Michigan	6.4452	4.8371	2.5197	7.3568
Stockbridge, Michigan	International Boundary near Marysville, Michigan	6.1738	4.5468	2.5465	7.0933
	Marysville, Michigan	3.0733	2.6710	0.8667	3.5377
Lewiston, Michigan	International Boundary near Marysville, Michigan	2.7966	2.3806	0.8935	3.2741
	Marysville, Michigan	4.5719	3.7014	1.6530	5.3544
Lewiston, Michigan	International Boundary near Marysville, Michigan	4.2755	3.3876	1.6619	5.0495



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX D

**SUPPORTING STATEMENTS & WORKPAPERS
FOR COST OF SERVICE BASE RATES**

Enbridge Energy, LP

2021 COS Base System Rate Filing Schedules

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Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Cost of Service Summary

Summary
Page 1 of 1

Line No.	Description	Source	Base Period	Test Period
1	Total Cost of Service	Statement A, Line 7	\$845,821,355	\$901,719,309
2	Throughput in Barrels	WorkPaper 1, Ln 60	604,794,757	604,794,757
3	Throughput in Barrel-Miles	WorkPaper 1, Ln 61	477,055,818,256	476,965,270,770
4	Revenues Under Proposed Rates	Statement G, Line 1	\$845,821,355	\$901,719,309
5	Revenues Under Presently Effective Rates	Statement G, Line 2	\$688,585,366	\$691,597,115
6	Revenues Under Maximum Ceiling Rates	Statement G, Line 3	\$688,601,337	\$691,597,115

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Total Cost of Service
(\$000)

Statement A
Page 1 of 1

Line No.	Description	Source	Base Period	Test Period
1	Overall Return on Rate Base	Statement C, Line 15	\$247,832	\$268,550
2	Income Tax Allowance	Statement D, Line 13	\$80,665	\$87,466
3	Operating Expenses Excluding Depreciation	WorkPaper 1, Ln 59	\$410,526	\$417,959
4	Depreciation Expense	WorkPaper 2, Line 9	\$82,523	\$100,447
5	Amortization of AFUDC	Statement F2, Lines (4 + 10)	\$10,585	\$13,202
6	Amortization of Deferred Earnings	Statement E2, Line 15	\$13,691	\$14,095
7	Total Cost of Service	Sum Lines 1 through 6	\$845,821	\$901,719
8	Transportation Revenues	WorkPaper 1, Line 63	\$688,601	\$691,597
9	Revenue Excess (Deficiency)	Lines (8 - 7)	(\$157,220)	(\$210,122)

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Operating Expenses
(\$000)

Line No.	Description	2Q 2020 to 1Q 2021 Actual	Normalizing Adjustments			Base Period	Test Period Adjustments		Test Period
			Adjustment 1	Adjustment 2	Adjustment 3		Adjustment 1	Adjustment 2	
	OPERATIONS AND MAINTENANCE	1/	2/	3/	4/	5/	6/	7/	8/
1	300 Salaries and Wages	\$0				\$0			\$0
2	310 Materials and Supplies	\$12,286				\$12,286			\$12,286
3	320 Outside Services	\$130,498				\$130,498			\$130,498
4	330 Operating Fuel and Power	\$141,171				\$141,171			\$141,171
5	340 Oil Losses and Shortages	(\$6,653)	\$6,653			\$0			\$0
6	350 Rentals	\$1,487				\$1,487			\$1,487
7	390 Other Expenses	\$1,248				\$1,248			\$1,248
8	Total Operations Expense	\$280,037	\$6,653	\$0	\$0	\$286,690	\$0	\$0	\$286,690
	GENERAL								
9	500 Salaries and Wages	\$0				\$0			\$0
10	510 Materials and Supplies	\$686				\$686			\$686
11	520 Outside Services	\$73,228		(\$1,947)		\$71,281	\$7,433		\$78,715
12	530 Rentals	\$380				\$380			\$380
13	540 Depreciation and Amortization	\$82,523				\$82,523		\$17,924	\$100,447
14	550 Employee Benefits	\$0				\$0			\$0
15	560 Insurance	\$6,259				\$6,259			\$6,259
16	570 Casualty and Other Losses	(\$8,324)			\$15,262	\$6,938			\$6,938
17	580 Pipeline Taxes	\$36,011				\$36,011			\$36,011
18	590 Other Expenses	\$2,281				\$2,281			\$2,281
19	Total General Expense	\$193,044	\$0	(\$1,947)	\$15,262	\$206,359	\$7,433	\$17,924	\$231,716
20	Total Operating Expenses	\$473,080	\$6,653	(\$1,947)	\$15,262	\$493,049	\$7,433	\$17,924	\$518,406

- 1/ FERC 300 to 590 from Company Data, FERC 540 from WorkPaper 2, Line 9
- 2/ To remove nonrecurring items
- 3/ To reflect reduction in Outside Services
- 4/ To account for Base Period Casualty Losses
- 5/ Sum items 1/ to 4/
- 6/ To account for Test Period Rate Case Expenses
- 7/ To account for Test Period Property Additions
- 8/ Sum items 5/ to 7/

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Overall Return on Rate Base
(\$000)

Statement C
Page 1 of 1

Line No.	Description	Source	Base Period	Test Period
1	Trended Original Cost Rate Base	Statement E1, Line 16	\$2,351,250	\$2,555,556
2	Net Deferred Earnings	Statement E2, Line 17	\$273,635	\$279,818
3	Subtotal	Lines (1 - 2)	\$2,077,615	\$2,275,738
4	Equity Ratio	WorkPaper 1, Line 31	55.00%	55.00%
5	Debt Ratio	1.0 - Line 4	45.00%	45.00%
5	Adjusted Debt Portion of Subtotal	Lines (3 * 5)	\$934,927	\$1,024,082
6	Equity Portion of Subtotal	Lines (3 * 4)	\$1,142,688	\$1,251,656
7	Net Deferred Earnings	Line 2	\$273,635	\$279,818
8	Adjusted Equity Portion of Subtotal	Lines (6 + 7)	\$1,416,323	\$1,531,474
9	Adjusted Debt Ratio	Lines (5 / 1)	39.76%	40.07%
10	Adjusted Equity Ratio	Lines (8 / 1)	60.24%	59.93%
11	Cost of Debt	WorkPaper 1, Lines (35 * 40)	4.33%	4.33%
12	Rate of Return on Equity (Real)	WorkPaper 1, Lines ((34 - 33)) * 40)	14.64%	14.64%
13	Weighted Cost of Capital	Lines ((9 * 11) + (10 * 12))	10.54%	10.51%
14	Trended Original Cost Rate Base	Line 1	\$2,351,250	\$2,555,556
15	Overall Return on Rate Base	Lines (13 * 14)	\$247,832	\$268,550
16	Weighted Cost of Debt	Lines (9 * 11)	1.72%	1.74%
17	Trended Original Cost Rate Base	Line 1	\$2,351,250	\$2,555,556
18	Interest Expense	Lines (16 * 17)	\$40,482	\$44,343
19	Return on Equity	Lines (15 - 18)	\$207,350	\$224,208

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Income Tax Allowance
(\$000)

Statement D
Page 1 of 1

Line No.	Description	Source	Base Period	Test Period
1	Return on Equity	Statement C, Line 19	\$207,350	\$224,208
2	Amortization of Equity AFUDC	Statement F2, Line 4	\$7,667	\$9,687
3	Amortization of Deferred Earnings	Statement E2, Line 15	\$13,691	\$14,095
4	Taxable Allowed Return	Lines (1 + 2 + 3)	\$228,708	\$247,990
5	Federal Taxable Allowed Return	Line 4	\$228,708	\$247,990
6	Federal Income Tax Rate	WorkPaper 1, Ln.36	21.00%	21.00%
7	Net-to-Tax Multiplier	Line 6 / (1.0 - Line 6)	26.58%	26.58%
8	Federal Income Tax Allowance	Lines (5 * 7)	\$60,796	\$65,921
9	State Taxable Allowed Return	Lines (4 + 8)	\$289,503	\$313,911
10	State Income Tax Rate	WorkPaper 1, Ln.37	6.42%	6.42%
11	Net-to-Tax Multiplier	Line 10 / (1.0 - Line 10)	6.86%	6.86%
12	State Income Tax Allowance	Lines (9 * 11)	\$19,869	\$21,545
13	Total Income Tax Allowance	Lns (8 + 12)	\$80,665	\$87,466
14	Composite Tax Rate	Line 6 + (1.0 - Line 6) * Line 10)	26.07%	26.07%

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Rate Base
(\$000)

Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990
<u>Total Carrier Property in Service</u>										
1	Carrier Property in Service	WorkPaper 2, Line 4	\$441,586	\$443,874	\$457,959	\$494,195	\$505,611	\$531,403	\$538,176	\$563,773
2	Accumulated AFUDC	Statement F2, Lns (2 + 8)	\$0	\$207	\$393	\$507	\$803	\$1,303	\$2,099	\$3,108
3	Total Carrier Property in Service	Lines (1 + 2)	\$441,586	\$444,082	\$458,352	\$494,703	\$506,414	\$532,706	\$540,275	\$566,881
<u>Total Accumulated Depreciation</u>										
4	Accumulated Depreciation of Carrier Property	WorkPaper 2, Line 12	\$210,117	\$223,266	\$236,935	\$249,363	\$263,899	\$279,136	\$287,569	\$300,174
5	Accumulated Amortization of AFUDC	Statement F2, Lns (5 + 11)	\$0	\$3	\$13	\$27	\$49	\$83	\$139	\$220
6	Total Accumulated Depreciation	Lines (4 + 5)	\$210,117	\$223,269	\$236,948	\$249,390	\$263,948	\$279,219	\$287,708	\$300,394
7	Net Carrier Property In Service	Lines (3 - 6)	\$231,469	\$220,812	\$221,404	\$245,313	\$242,466	\$253,487	\$252,566	\$266,487
<u>Working Capital</u>										
8	Oil Inventory	WorkPaper 1, Ln. 28	\$0	\$845	\$1,257	\$227	\$1,518	\$200	\$2,819	\$1,612
9	Materials and Supplies	WorkPaper 1, Ln. 29	\$2,513	\$2,482	\$2,733	\$2,781	\$3,152	\$3,341	\$3,791	\$3,881
10	Prepayments	WorkPaper 1, Ln. 30	\$142	\$165	\$156	\$851	\$753	\$711	\$664	\$478
11	Total Working Capital	Lines (8 + 9 + 10)	\$2,655	\$3,492	\$4,146	\$3,859	\$5,423	\$4,252	\$7,274	\$5,971
12	Accumulated Deferred Income Taxes	WorkPaper 5, Ln. 15	\$113,625	\$106,885	\$101,255	\$98,685	\$97,188	\$96,246	\$95,523	\$94,533
13	Original Cost Rate Base	Lines (7 + 11 - 12)	\$120,499	\$117,420	\$124,295	\$150,487	\$150,702	\$161,493	\$164,317	\$177,925
14	Net Deferred Earnings	Statement E2, Line 17	\$0	\$13,979	\$26,804	\$29,778	\$44,510	\$58,624	\$73,293	\$92,703
15	Net Write-Up of SRB	WorkPaper 4, Line 22	\$276,349	\$259,986	\$243,622	\$227,259	\$210,896	\$194,532	\$178,169	\$161,805
16	Trended Original Cost Rate Base	Sum Lines (13 through 16)	\$396,848	\$391,385	\$394,722	\$407,524	\$406,108	\$414,649	\$415,779	\$432,434

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Rate Base
(\$000)

Line No.	Description	Source	1991	1992	1993	1994	1995	1996	1997	1998
<u>Total Carrier Property in Service</u>										
1	Carrier Property in Service	WorkPaper 2, Line 4	\$583,385	\$608,099	\$636,476	\$743,921	\$767,876	\$820,365	\$861,387	\$1,232,069
2	Accumulated AFUDC	Statement F2, Lns (2 + 8)	\$4,129	\$5,240	\$5,857	\$6,362	\$6,932	\$8,465	\$14,485	\$19,353
3	Total Carrier Property in Service	Lines (1 + 2)	\$587,514	\$613,339	\$642,333	\$750,284	\$774,808	\$828,830	\$875,871	\$1,251,421
<u>Total Accumulated Depreciation</u>										
4	Accumulated Depreciation of Carrier Property	WorkPaper 2, Line 12	\$312,819	\$320,111	\$330,833	\$328,120	\$343,104	\$364,538	\$386,971	\$401,491
5	Accumulated Amortization of AFUDC	Statement F2, Lns (5 + 11)	\$331	\$480	\$661	\$853	\$1,080	\$1,329	\$1,691	\$2,270
6	Total Accumulated Depreciation	Lines (4 + 5)	\$313,150	\$320,590	\$331,494	\$328,972	\$344,184	\$365,867	\$388,662	\$403,760
7	Net Carrier Property In Service	Lines (3 - 6)	\$274,363	\$292,749	\$310,839	\$421,311	\$430,624	\$462,963	\$487,209	\$847,661
<u>Working Capital</u>										
8	Oil Inventory	WorkPaper 1, Ln. 28	\$238	\$513	\$2,452	\$3,453	\$2,860	\$5,506	\$2,094	\$1,564
9	Materials and Supplies	WorkPaper 1, Ln. 29	\$4,569	\$4,420	\$4,686	\$4,691	\$5,396	\$7,056	\$7,092	\$7,109
10	Prepayments	WorkPaper 1, Ln. 30	\$322	\$360	\$534	\$415	\$419	\$981	\$979	\$6
11	Total Working Capital	Lines (8 + 9 + 10)	\$5,129	\$5,293	\$7,672	\$8,559	\$8,675	\$13,543	\$10,165	\$8,679
12	Accumulated Deferred Income Taxes	WorkPaper 5, Ln. 15	\$91,074	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Original Cost Rate Base	Lines (7 + 11 - 12)	\$188,419	\$298,042	\$318,511	\$429,870	\$439,299	\$476,506	\$497,374	\$856,340
14	Net Deferred Earnings	Statement E2, Line 17	\$100,848	\$107,977	\$115,973	\$123,327	\$131,191	\$142,393	\$145,308	\$147,438
15	Net Write-Up of SRB	WorkPaper 4, Line 22	\$145,442	\$129,078	\$112,715	\$96,351	\$79,988	\$63,625	\$47,261	\$30,898
16	Trended Original Cost Rate Base	Sum Lines (13 through 16)	\$434,709	\$535,097	\$547,198	\$649,549	\$650,479	\$682,523	\$689,943	\$1,034,675

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
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(\$000)

Line No.	Description	Source	1999	2000	2001	2002	2003	2004	2005	2006
<u>Total Carrier Property in Service</u>										
1	Carrier Property in Service	WorkPaper 2, Line 4	\$995,882	\$1,009,328	\$1,025,015	\$1,156,234	\$1,281,069	\$1,296,664	\$1,342,120	\$1,322,610
2	Accumulated AFUDC	Statement F2, Lns (2 + 8)	\$19,735	\$20,322	\$21,719	\$26,482	\$29,688	\$32,168	\$35,489	\$41,886
3	Total Carrier Property in Service	Lines (1 + 2)	\$1,015,617	\$1,029,650	\$1,046,734	\$1,182,716	\$1,310,757	\$1,328,833	\$1,377,609	\$1,364,495
<u>Total Accumulated Depreciation</u>										
4	Accumulated Depreciation of Carrier Property	WorkPaper 2, Line 12	\$437,961	\$483,395	\$518,361	\$557,110	\$590,418	\$624,445	\$659,496	\$684,737
5	Accumulated Amortization of AFUDC	Statement F2, Lns (5 + 11)	\$2,941	\$3,638	\$4,372	\$5,218	\$6,007	\$6,877	\$7,825	\$8,738
6	Total Accumulated Depreciation	Lines (4 + 5)	\$440,902	\$487,033	\$522,733	\$562,328	\$596,425	\$631,322	\$667,320	\$693,475
7	Net Carrier Property In Service	Lines (3 - 6)	\$574,715	\$542,616	\$524,001	\$620,388	\$714,332	\$697,511	\$710,289	\$671,020
<u>Working Capital</u>										
8	Oil Inventory	WorkPaper 1, Ln. 28	\$4,651	\$8,913	\$0	\$0	\$0	\$0	\$0	\$0
9	Materials and Supplies	WorkPaper 1, Ln. 29	\$7,398	\$7,703	\$7,770	\$7,477	\$6,951	\$8,403	\$8,975	\$2,756
10	Prepayments	WorkPaper 1, Ln. 30	\$7	\$229	\$164	\$129	\$310	\$1,570	\$1,631	\$1,109
11	Total Working Capital	Lines (8 + 9 + 10)	\$12,056	\$16,845	\$7,934	\$7,606	\$7,261	\$9,973	\$10,605	\$3,865
12	Accumulated Deferred Income Taxes	WorkPaper 5, Ln. 15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Original Cost Rate Base	Lines (7 + 11 - 12)	\$586,771	\$559,461	\$531,935	\$627,994	\$721,593	\$707,484	\$720,894	\$674,885
14	Net Deferred Earnings	Statement E2, Line 17	\$159,816	\$171,110	\$171,509	\$175,505	\$177,698	\$189,110	\$201,006	\$207,368
15	Net Write-Up of SRB	WorkPaper 4, Line 22	\$14,534	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Trended Original Cost Rate Base	Sum Lines (13 through 16)	\$761,121	\$730,572	\$703,444	\$803,499	\$899,291	\$896,593	\$921,899	\$882,253

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
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(\$000)

Line No.	Description	Source	2007	2008	2009	2010	2011	2012	2013	2014
<u>Total Carrier Property in Service</u>										
1	Carrier Property in Service	WorkPaper 2, Line 4	\$1,375,341	\$1,288,335	\$1,412,248	\$1,419,285	\$1,443,210	\$1,745,520	\$2,178,413	\$1,939,006
2	Accumulated AFUDC	Statement F2, Lns (2 + 8)	\$62,279	\$98,964	\$118,279	\$122,638	\$130,473	\$148,350	\$186,032	\$216,060
3	Total Carrier Property in Service	Lines (1 + 2)	\$1,437,620	\$1,387,298	\$1,530,527	\$1,541,923	\$1,573,684	\$1,893,870	\$2,364,445	\$2,155,067
<u>Total Accumulated Depreciation</u>										
4	Accumulated Depreciation of Carrier Property	WorkPaper 2, Line 12	\$715,710	\$738,250	\$769,726	\$794,815	\$827,407	\$864,473	\$911,276	\$675,071
5	Accumulated Amortization of AFUDC	Statement F2, Lns (5 + 11)	\$9,967	\$11,875	\$14,447	\$17,291	\$20,250	\$23,562	\$27,631	\$32,342
6	Total Accumulated Depreciation	Lines (4 + 5)	\$725,677	\$750,125	\$784,173	\$812,106	\$847,657	\$888,035	\$938,907	\$707,413
7	Net Carrier Property In Service	Lines (3 - 6)	\$711,943	\$637,173	\$746,354	\$729,817	\$726,027	\$1,005,835	\$1,425,538	\$1,447,654
<u>Working Capital</u>										
8	Oil Inventory	WorkPaper 1, Ln. 28	\$0	\$0	\$0	\$0	\$0	\$35	\$3,149	\$8,522
9	Materials and Supplies	WorkPaper 1, Ln. 29	\$2,860	\$2,843	\$3,010	\$1,513	\$1,552	\$1,510	\$1,557	\$1,557
10	Prepayments	WorkPaper 1, Ln. 30	\$1,549	\$1,575	\$9,143	\$9,905	\$11,093	\$12,378	\$14,026	\$21,935
11	Total Working Capital	Lines (8 + 9 + 10)	\$4,408	\$4,418	\$12,153	\$11,418	\$12,645	\$13,923	\$18,731	\$32,014
12	Accumulated Deferred Income Taxes	WorkPaper 5, Ln. 15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Original Cost Rate Base	Lines (7 + 11 - 12)	\$716,352	\$641,591	\$758,507	\$741,235	\$738,672	\$1,019,758	\$1,444,270	\$1,479,667
14	Net Deferred Earnings	Statement E2, Line 17	\$222,297	\$212,079	\$217,619	\$217,461	\$225,631	\$225,334	\$225,537	\$221,161
15	Net Write-Up of SRB	WorkPaper 4, Line 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Trended Original Cost Rate Base	Sum Lines (13 through 16)	\$938,649	\$853,670	\$976,126	\$958,697	\$964,303	\$1,245,093	\$1,669,807	\$1,700,829

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
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Line No.	Description	Source	2015	2016	2017	2018	2019	1Q 2020	Base Period	Test Period
<u>Total Carrier Property in Service</u>										
1	Carrier Property in Service	WorkPaper 2, Line 4	\$2,019,938	\$2,356,127	\$2,611,344	\$2,706,146	\$2,811,534	\$2,813,609	\$2,919,233	\$3,291,895
2	Accumulated AFUDC	Statement F2, Lns (2 + 8)	\$233,717	\$252,373	\$270,732	\$299,046	\$330,177	\$340,415	\$388,125	\$421,003
3	Total Carrier Property in Service	Lines (1 + 2)	\$2,253,654	\$2,608,500	\$2,882,076	\$3,005,191	\$3,141,712	\$3,154,025	\$3,307,358	\$3,712,899
<u>Total Accumulated Depreciation</u>										
4	Accumulated Depreciation of Carrier Property	WorkPaper 2, Line 12	\$721,135	\$781,662	\$848,391	\$918,114	\$963,101	\$982,245	\$1,075,689	\$1,176,136
5	Accumulated Amortization of AFUDC	Statement F2, Lns (5 + 11)	\$37,700	\$44,569	\$51,761	\$59,601	\$68,145	\$70,449	\$81,033	\$94,235
6	Total Accumulated Depreciation	Lines (4 + 5)	\$758,836	\$826,231	\$900,152	\$977,715	\$1,031,247	\$1,052,694	\$1,156,723	\$1,270,372
7	Net Carrier Property In Service	Lines (3 - 6)	\$1,494,819	\$1,782,269	\$1,981,924	\$2,027,476	\$2,110,465	\$2,101,331	\$2,150,635	\$2,442,527
<u>Working Capital</u>										
8	Oil Inventory	WorkPaper 1, Ln. 28	\$1,528	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Materials and Supplies	WorkPaper 1, Ln. 29	\$1,557	\$1,557	\$1,557	\$1,557	\$7,568	\$8,343	\$8,343	\$8,343
10	Prepayments	WorkPaper 1, Ln. 30	\$12,703	\$14,292	\$13,250	\$9,737	\$4,757	\$4,186	\$4,186	\$4,186
11	Total Working Capital	Lines (8 + 9 + 10)	\$15,788	\$15,849	\$14,807	\$11,294	\$12,325	\$12,530	\$12,530	\$12,530
12	Accumulated Deferred Income Taxes	WorkPaper 5, Ln. 15	\$0	\$0	\$0	\$0	\$34,064	\$41,247	\$85,550	\$179,319
13	Original Cost Rate Base	Lines (7 + 11 - 12)	\$1,510,606	\$1,798,118	\$1,996,730	\$2,038,770	\$2,088,726	\$2,072,613	\$2,077,615	\$2,275,738
14	Net Deferred Earnings	Statement E2, Line 17	\$216,611	\$227,229	\$241,515	\$255,449	\$275,438	\$267,138	\$273,635	\$279,818
15	Net Write-Up of SRB	WorkPaper 4, Line 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Trended Original Cost Rate Base	Sum Lines (13 through 16)	\$1,727,217	\$2,025,347	\$2,238,245	\$2,294,219	\$2,364,164	\$2,339,752	\$2,351,250	\$2,555,556

Enbridge Energy, LP
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Deferred Earnings
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Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990
1	Carrier Property in Service	WorkPaper 2, Line 4	\$441,586	\$443,874	\$457,959	\$494,195	\$505,611	\$531,403	\$538,176	\$563,773
2	Net Carrier Property Additions	Lines (1 - Prior 1)		\$2,288	\$14,085	\$36,236	\$11,416	\$25,792	\$6,773	\$25,597
3	Equity Ratio	WorkPaper 1, Line 31	69.14%	69.19%	69.09%	70.67%	73.43%	76.43%	80.70%	88.30%
4	Equity Portion of Carrier Property Additions	Lines (2 * 3)		\$1,583	\$9,731	\$25,608	\$8,383	\$19,713	\$5,466	\$22,602
5	Carrier Property in Trending Base	Lines (4 + Prior 5) 1/	\$305,312	\$306,896	\$316,627	\$342,235	\$350,618	\$370,331	\$375,797	\$398,399
6	Ratio of Carrier Property in Trending Base	Lines (5 / 1)	69.14%	69.14%	69.14%	69.25%	69.35%	69.69%	69.83%	70.67%
7	Original Cost Rate Base	Statement E1, Line 13	\$120,499	\$117,420	\$124,295	\$150,487	\$150,702	\$161,493	\$164,317	\$177,925
8	Original Cost RB Included in Trending Base	Lines (6 * 7)	\$83,313	\$81,184	\$85,936	\$104,214	\$104,505	\$112,543	\$114,739	\$125,733
9	Unamortized SRB Write-Up	WorkPaper 4, Line 22	\$276,349	\$259,986	\$243,622	\$227,259	\$210,896	\$194,532	\$178,169	\$161,805
10	Accumulated Net Deferred Earnings	Line 17		\$13,979	\$26,804	\$29,778	\$44,510	\$58,624	\$73,293	\$92,703
11	Trending Base	Sum Lines 8 through 10	\$359,662	\$355,149	\$356,363	\$361,250	\$359,911	\$365,699	\$366,201	\$380,242
12	Inflation Factor	WorkPaper 1, Lines (33 * 40)		3.95%	3.80%	1.10%	4.43%	4.42%	4.65%	6.11%
13	Deferred Earnings	Prior Line 11 * Line 12		\$14,207	\$13,496	\$3,920	\$16,003	\$15,908	\$17,005	\$22,375
14	Accumulated Deferred Earnings	Cumulative Line 13		\$14,207	\$27,702	\$31,622	\$47,626	\$63,534	\$80,539	\$102,914
15	Amortization of Deferred Earnings	WorkPaper 3 Line 40		\$228	\$670	\$947	\$1,271	\$1,794	\$2,336	\$2,965
16	Accumulated Amortization of Deferred Earnings	Cumulative Line 15		\$228	\$898	\$1,845	\$3,115	\$4,910	\$7,246	\$10,210
17	Net Deferred Earnings	Lines (14 - 16)		\$13,979	\$26,804	\$29,778	\$44,510	\$58,624	\$73,293	\$92,703

1/ The 1983 amount reflects Line 1 * WorkPaper 4, Line 12

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Statement E2
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Line No.	Description	Source	1991	1992	1993	1994	1995	1996	1997	1998
1	Carrier Property in Service	WorkPaper 2, Line 4	\$583,385	\$608,099	\$636,476	\$743,921	\$767,876	\$820,365	\$861,387	\$1,232,069
2	Net Carrier Property Additions	Lines (1 - Prior 1)	\$19,612	\$24,714	\$28,377	\$107,445	\$23,954	\$52,489	\$41,022	\$370,682
3	Equity Ratio	WorkPaper 1, Line 31	53.02%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%
4	Equity Portion of Carrier Property Additions	Lines (2 * 3)	\$10,398	\$13,593	\$15,607	\$59,095	\$13,175	\$28,869	\$22,562	\$203,875
5	Carrier Property in Trending Base	Lines (4 + Prior 5) 1/	\$408,797	\$422,390	\$437,997	\$497,092	\$510,267	\$539,136	\$561,698	\$765,573
6	Ratio of Carrier Property in Trending Base	Lines (5 / 1)	70.07%	69.46%	68.82%	66.82%	66.45%	65.72%	65.21%	62.14%
7	Original Cost Rate Base	Statement E1, Line 13	\$188,419	\$298,042	\$318,511	\$429,870	\$439,299	\$476,506	\$497,374	\$856,340
8	Original Cost RB Included in Trending Base	Lines (6 * 7)	\$132,031	\$207,022	\$219,186	\$287,241	\$291,922	\$313,155	\$324,330	\$532,106
9	Unamortized SRB Write-Up	WorkPaper 4, Line 22	\$145,442	\$129,078	\$112,715	\$96,351	\$79,988	\$63,625	\$47,261	\$30,898
10	Accumulated Net Deferred Earnings	Line 17	\$100,848	\$107,977	\$115,973	\$123,327	\$131,191	\$142,393	\$145,308	\$147,438
11	Trending Base	Sum Lines 8 through 10	\$378,321	\$444,077	\$447,874	\$506,920	\$503,101	\$519,172	\$516,899	\$710,441
12	Inflation Factor	WorkPaper 1, Lines (33 * 40)	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	1.61%
13	Deferred Earnings	Prior Line 11 * Line 12	\$11,635	\$10,971	\$12,212	\$11,958	\$12,876	\$16,703	\$8,826	\$8,322
14	Accumulated Deferred Earnings	Cumulative Line 13	\$114,549	\$125,520	\$137,732	\$149,691	\$162,566	\$179,269	\$188,095	\$196,417
15	Amortization of Deferred Earnings	WorkPaper 3 Line 40	\$3,491	\$3,843	\$4,216	\$4,604	\$5,011	\$5,502	\$5,911	\$6,192
16	Accumulated Amortization of Deferred Earnings	Cumulative Line 15	\$13,701	\$17,544	\$21,760	\$26,364	\$31,375	\$36,877	\$42,787	\$48,980
17	Net Deferred Earnings	Lines (14 - 16)	\$100,848	\$107,977	\$115,973	\$123,327	\$131,191	\$142,393	\$145,308	\$147,438

1/ The 1983 amount reflects Line 1 * WorkPaper 4, Line 12

Enbridge Energy, LP
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Deferred Earnings
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Line No.	Description	Source	1999	2000	2001	2002	2003	2004	2005	2006
1	Carrier Property in Service	WorkPaper 2, Line 4	\$995,882	\$1,009,328	\$1,025,015	\$1,156,234	\$1,281,069	\$1,296,664	\$1,342,120	\$1,322,610
2	Net Carrier Property Additions	Lines (1 - Prior 1)	(\$236,187)	\$13,446	\$15,687	\$131,219	\$124,834	\$15,596	\$45,456	(\$19,510)
3	Equity Ratio	WorkPaper 1, Line 31	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%
4	Equity Portion of Carrier Property Additions	Lines (2 * 3)	(\$129,903)	\$7,395	\$8,628	\$72,170	\$68,659	\$8,578	\$25,001	(\$10,731)
5	Carrier Property in Trending Base	Lines (4 + Prior 5) 1/	\$635,670	\$643,065	\$651,693	\$723,864	\$792,523	\$801,101	\$826,101	\$815,370
6	Ratio of Carrier Property in Trending Base	Lines (5 / 1)	63.83%	63.71%	63.58%	62.61%	61.86%	61.78%	61.55%	61.65%
7	Original Cost Rate Base	Statement E1, Line 13	\$586,771	\$559,461	\$531,935	\$627,994	\$721,593	\$707,484	\$720,894	\$674,885
8	Original Cost RB Included in Trending Base	Lines (6 * 7)	\$374,535	\$356,445	\$338,199	\$393,157	\$446,408	\$437,095	\$443,724	\$416,057
9	Unamortized SRB Write-Up	WorkPaper 4, Line 22	\$14,534	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Accumulated Net Deferred Earnings	Line 17	\$159,816	\$171,110	\$171,509	\$175,505	\$177,698	\$189,110	\$201,006	\$207,368
11	Trending Base	Sum Lines 8 through 10	\$548,885	\$527,556	\$509,707	\$568,662	\$624,106	\$626,205	\$644,730	\$623,425
12	Inflation Factor	WorkPaper 1, Lines (33 * 40)	2.68%	3.39%	1.55%	2.38%	1.88%	3.26%	3.42%	2.54%
13	Deferred Earnings	Prior Line 11 * Line 12	\$19,040	\$18,607	\$8,177	\$12,131	\$10,691	\$20,346	\$21,416	\$16,376
14	Accumulated Deferred Earnings	Cumulative Line 13	\$215,457	\$234,064	\$242,242	\$254,373	\$265,063	\$285,409	\$306,826	\$323,202
15	Amortization of Deferred Earnings	WorkPaper 3 Line 40	\$6,662	\$7,313	\$7,779	\$8,135	\$8,498	\$8,934	\$9,520	\$10,014
16	Accumulated Amortization of Deferred Earnings	Cumulative Line 15	\$55,642	\$62,954	\$70,733	\$78,868	\$87,365	\$96,300	\$105,820	\$115,834
17	Net Deferred Earnings	Lines (14 - 16)	\$159,816	\$171,110	\$171,509	\$175,505	\$177,698	\$189,110	\$201,006	\$207,368

1/ The 1983 amount reflects Line 1 * WorkPaper 4, Line 12

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Deferred Earnings
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Statement E2
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Line No.	Description	Source	2007	2008	2009	2010	2011	2012	2013	2014
1	Carrier Property in Service	WorkPaper 2, Line 4	\$1,375,341	\$1,288,335	\$1,412,248	\$1,419,285	\$1,443,210	\$1,745,520	\$2,178,413	\$1,939,006
2	Net Carrier Property Additions	Lines (1 - Prior 1)	\$52,731	(\$87,006)	\$123,913	\$7,037	\$23,925	\$302,310	\$432,893	(\$239,407)
3	Equity Ratio	WorkPaper 1, Line 31	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	59.24%	55.56%
4	Equity Portion of Carrier Property Additions	Lines (2 * 3)	\$29,002	(\$47,853)	\$68,152	\$3,870	\$13,159	\$166,271	\$256,446	(\$133,014)
5	Carrier Property in Trending Base	Lines (4 + Prior 5) 1/	\$844,372	\$796,519	\$864,671	\$868,542	\$881,701	\$1,047,971	\$1,304,417	\$1,171,403
6	Ratio of Carrier Property in Trending Base	Lines (5 / 1)	61.39%	61.83%	61.23%	61.20%	61.09%	60.04%	59.88%	60.41%
7	Original Cost Rate Base	Statement E1, Line 13	\$716,352	\$641,591	\$758,507	\$741,235	\$738,672	\$1,019,758	\$1,444,270	\$1,479,667
8	Original Cost RB Included in Trending Base	Lines (6 * 7)	\$439,795	\$396,667	\$464,408	\$453,604	\$451,277	\$612,240	\$864,817	\$893,904
9	Unamortized SRB Write-Up	WorkPaper 4, Line 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Accumulated Net Deferred Earnings	Line 17	\$222,297	\$212,079	\$217,619	\$217,461	\$225,631	\$225,334	\$225,537	\$221,161
11	Trending Base	Sum Lines 8 through 10	\$662,092	\$608,746	\$682,028	\$671,066	\$676,908	\$837,574	\$1,090,355	\$1,115,065
12	Inflation Factor	WorkPaper 1, Lines (33 * 40)	4.08%	0.09%	2.72%	1.64%	2.96%	1.74%	1.50%	0.76%
13	Deferred Earnings	Prior Line 11 * Line 12	\$25,436	\$596	\$16,558	\$11,187	\$19,880	\$11,785	\$12,578	\$8,248
14	Accumulated Deferred Earnings	Cumulative Line 13	\$348,637	\$349,233	\$365,791	\$376,978	\$396,858	\$408,643	\$421,221	\$429,470
15	Amortization of Deferred Earnings	WorkPaper 3 Line 40	\$10,507	\$10,814	\$11,017	\$11,345	\$11,710	\$12,082	\$12,375	\$12,625
16	Accumulated Amortization of Deferred Earnings	Cumulative Line 15	\$126,341	\$137,155	\$148,172	\$159,517	\$171,227	\$183,309	\$195,684	\$208,309
17	Net Deferred Earnings	Lines (14 - 16)	\$222,297	\$212,079	\$217,619	\$217,461	\$225,631	\$225,334	\$225,537	\$221,161

1/ The 1983 amount reflects Line 1 * WorkPaper 4, Line 12

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Deferred Earnings
(\$000)

Line No.	Description	Source	2015	2016	2017	2018	2019	1Q 2020	Base Period	Test Period
1	Carrier Property in Service	WorkPaper 2, Line 4	\$2,019,938	\$2,356,127	\$2,611,344	\$2,706,146	\$2,811,534	\$2,813,609	\$2,919,233	\$3,291,895
2	Net Carrier Property Additions	Lines (1 - Prior 1)	\$80,931	\$336,189	\$255,217	\$94,802	\$105,388	\$2,075	\$105,624	\$372,662
3	Equity Ratio	WorkPaper 1, Line 31	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%
4	Equity Portion of Carrier Property Additions	Lines (2 * 3)	\$44,512	\$184,904	\$140,369	\$52,141	\$57,964	\$1,141	\$58,093	\$204,964
5	Carrier Property in Trending Base	Lines (4 + Prior 5) 1/	\$1,215,915	\$1,400,819	\$1,541,188	\$1,593,329	\$1,651,293	\$1,652,434	\$1,710,527	\$1,915,491
6	Ratio of Carrier Property in Trending Base	Lines (5 / 1)	60.20%	59.45%	59.02%	58.88%	58.73%	58.73%	58.60%	58.19%
7	Original Cost Rate Base	Statement E1, Line 13	\$1,510,606	\$1,798,118	\$1,996,730	\$2,038,770	\$2,088,726	\$2,072,613	\$2,077,615	\$2,275,738
8	Original Cost RB Included in Trending Base	Lines (6 * 7)	\$909,319	\$1,069,058	\$1,178,450	\$1,200,391	\$1,226,767	\$1,217,247	\$1,217,380	\$1,324,209
9	Unamortized SRB Write-Up	WorkPaper 4, Line 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Accumulated Net Deferred Earnings	Line 17	\$216,611	\$227,229	\$241,515	\$255,449	\$275,438	\$267,138	\$273,635	\$279,818
11	Trending Base	Sum Lines 8 through 10	\$1,125,930	\$1,296,287	\$1,419,964	\$1,455,840	\$1,502,205	\$1,484,385	\$1,491,015	\$1,604,027
12	Inflation Factor	WorkPaper 1, Lines (33 * 40)	0.73%	2.07%	2.11%	1.91%	2.29%	0.34%	1.36%	1.36%
13	Deferred Earnings	Prior Line 11 * Line 12	\$8,135	\$23,359	\$27,352	\$27,121	\$33,339	\$5,080	\$20,188	\$20,278
14	Accumulated Deferred Earnings	Cumulative Line 13	\$437,604	\$460,963	\$488,315	\$515,436	\$548,775	\$553,855	\$574,042	\$594,320
15	Amortization of Deferred Earnings	WorkPaper 3 Line 40	\$12,685	\$12,741	\$13,066	\$13,187	\$13,350	\$13,380	\$13,691	\$14,095
16	Accumulated Amortization of Deferred Earnings	Cumulative Line 15	\$220,994	\$233,735	\$246,800	\$259,987	\$273,337	\$286,716	\$300,407	\$314,502
17	Net Deferred Earnings	Lines (14 - 16)	\$216,611	\$227,229	\$241,515	\$255,449	\$275,438	\$267,138	\$273,635	\$279,818

1/ The 1983 amount reflects Line 1 * WorkPaper 4, Line 12

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
AFUDC
(\$000)

Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990
1	Equity Ratio	WorkPaper 1, Line 31		69.19%	69.09%	70.67%	73.43%	76.43%	80.70%	88.30%
2	Debt Ratio	1.0 - Line 1		30.81%	30.91%	29.33%	26.57%	23.57%	19.30%	11.70%
3	Rate of Return on Equity	WorkPaper 1, Line 34		15.68%	15.53%	12.83%	16.16%	16.15%	16.38%	17.84%
4	Cost of Debt	WorkPaper 1, Line 35		7.21%	7.20%	7.20%	7.21%	7.22%	7.27%	7.31%
5	Average CWIP Balance	WorkPaper 1, Avg Line 26		\$1,587	\$1,431	\$1,025	\$2,146	\$3,558	\$5,442	\$6,076
6	Depreciable Property in Service Additions	WorkPaper 2, Lines (1 - 5)		\$2,960	\$14,612	\$38,665	\$13,069	\$27,554	\$14,748	\$28,895
7	Partial Year Factor	WorkPaper 1, Line 40		1.00	1.00	1.00	1.00	1.00	1.00	1.00
8	Equity AFUDC BOY	Prior Line 11		\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Equity AFUDC Additions	Lines ((5 * 1 + Prior 11) * 2 * 7)		\$172	\$154	\$93	\$255	\$439	\$719	\$957
10	Equity AFUDC Transfers to Rate Base	Lines (8 + 9)		\$172	\$154	\$93	\$255	\$439	\$719	\$957
11	Equity AFUDC EOY	Lines (8 + 9 - 10)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Debt AFUDC BOY	Prior Line 15		\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Debt AFUDC Additions	Lines ((5 * 2 + Prior 15) * 4 * 7)		\$35	\$32	\$22	\$41	\$61	\$76	\$52
14	Debt AFUDC Transfers to Rate Base	Lines (12 + 13)		\$35	\$32	\$22	\$41	\$61	\$76	\$52
15	Debt AFUDC EOY	Lines (12 + 13 - 14)		\$0	\$0	\$0	\$0	\$0	\$0	\$0

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of AFUDC
(\$000)

Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990
1	Equity AFUDC Transfers to Rate Base	Statement F1, Line 10		\$172	\$154	\$93	\$255	\$439	\$719	\$957
2	Accumulated Equity AFUDC	Cumulative Line 1		\$172	\$326	\$419	\$673	\$1,112	\$1,832	\$2,789
3	Depreciation Rates	WorkPaper 2, Line 14		3.20%	3.19%	3.14%	3.28%	3.28%	3.30%	3.11%
4	Amortization of Equity AFUDC	Lines ((Prior 2 + 1/2.0) * 3)		\$3	\$8	\$12	\$18	\$29	\$49	\$72
5	Accumulated Amortization of Equity AFUDC	Cumulative Line 4		\$3	\$11	\$22	\$40	\$70	\$118	\$190
6	Net Equity AFUDC	Line (2 - 5)		\$169	\$315	\$396	\$633	\$1,043	\$1,714	\$2,599
7	Debt AFUDC Transfers to Rate Base	Statement F1, Line 14		\$35	\$32	\$22	\$41	\$61	\$76	\$52
8	Accumulated Debt AFUDC	Cumulative Line 7		\$35	\$67	\$89	\$130	\$190	\$267	\$319
9	Depreciation Rates	WorkPaper 2, Line 14		3.20%	3.19%	3.14%	3.28%	3.28%	3.30%	3.11%
10	Amortization of Debt AFUDC	Lines ((Prior 8 + 7/2.0) * 9)		\$1	\$2	\$2	\$4	\$5	\$8	\$9
11	Accumulated Amortization of Debt AFUDC	Cumulative Line 10		\$1	\$2	\$5	\$8	\$13	\$21	\$30
12	Net Debt AFUDC	Line (8 - 11)		\$35	\$65	\$84	\$122	\$177	\$246	\$289

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of AFUDC
(\$000)

Line No.	Description	Source	1991	1992	1993	1994	1995	1996	1997	1998
1	Equity AFUDC Transfers to Rate Base	Statement F1, Line 10	\$658	\$734	\$414	\$335	\$380	\$1,016	\$3,796	\$3,146
2	Accumulated Equity AFUDC	Cumulative Line 1	\$3,447	\$4,180	\$4,594	\$4,929	\$5,309	\$6,325	\$10,121	\$13,267
3	Depreciation Rates	WorkPaper 2, Line 14	3.07%	3.17%	3.27%	3.14%	3.42%	3.23%	3.16%	3.42%
4	Amortization of Equity AFUDC	Lines ((Prior 2 + 1/2.0) * 3)	\$96	\$121	\$143	\$149	\$175	\$188	\$260	\$400
5	Accumulated Amortization of Equity AFUDC	Cumulative Line 4	\$286	\$406	\$550	\$699	\$874	\$1,062	\$1,322	\$1,722
6	Net Equity AFUDC	Line (2 - 5)	\$3,161	\$3,774	\$4,044	\$4,229	\$4,435	\$5,262	\$8,799	\$11,545
7	Debt AFUDC Transfers to Rate Base	Statement F1, Line 14	\$363	\$378	\$203	\$171	\$189	\$517	\$2,224	\$1,722
8	Accumulated Debt AFUDC	Cumulative Line 7	\$682	\$1,060	\$1,263	\$1,434	\$1,623	\$2,140	\$4,364	\$6,086
9	Depreciation Rates	WorkPaper 2, Line 14	3.07%	3.17%	3.27%	3.14%	3.42%	3.23%	3.16%	3.42%
10	Amortization of Debt AFUDC	Lines ((Prior 8 + 7/2.0) * 9)	\$15	\$28	\$38	\$42	\$52	\$61	\$103	\$179
11	Accumulated Amortization of Debt AFUDC	Cumulative Line 10	\$45	\$73	\$111	\$153	\$206	\$266	\$369	\$548
12	Net Debt AFUDC	Line (8 - 11)	\$636	\$987	\$1,152	\$1,280	\$1,417	\$1,874	\$3,995	\$5,538

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of AFUDC
(\$000)

Line No.	Description	Source	1999	2000	2001	2002	2003	2004	2005	2006
1	Equity AFUDC Transfers to Rate Base	Statement F1, Line 10	\$264	\$398	\$930	\$3,361	\$2,143	\$1,659	\$2,219	\$4,415
2	Accumulated Equity AFUDC	Cumulative Line 1	\$13,531	\$13,930	\$14,859	\$18,220	\$20,364	\$22,023	\$24,242	\$28,657
3	Depreciation Rates	WorkPaper 2, Line 14	3.44%	3.48%	3.49%	3.51%	2.81%	2.81%	2.80%	2.36%
4	Amortization of Equity AFUDC	Lines ((Prior 2 + 1/2.0) * 3)	\$460	\$478	\$502	\$581	\$542	\$596	\$648	\$624
5	Accumulated Amortization of Equity AFUDC	Cumulative Line 4	\$2,182	\$2,660	\$3,162	\$3,743	\$4,285	\$4,881	\$5,529	\$6,154
6	Net Equity AFUDC	Line (2 - 5)	\$11,349	\$11,270	\$11,697	\$14,477	\$16,079	\$17,142	\$18,713	\$22,503
7	Debt AFUDC Transfers to Rate Base	Statement F1, Line 14	\$118	\$188	\$467	\$1,401	\$1,064	\$821	\$1,101	\$1,982
8	Accumulated Debt AFUDC	Cumulative Line 7	\$6,204	\$6,392	\$6,860	\$8,261	\$9,325	\$10,145	\$11,247	\$13,229
9	Depreciation Rates	WorkPaper 2, Line 14	3.44%	3.48%	3.49%	3.51%	2.81%	2.81%	2.80%	2.36%
10	Amortization of Debt AFUDC	Lines ((Prior 8 + 7/2.0) * 9)	\$211	\$219	\$231	\$265	\$247	\$274	\$300	\$289
11	Accumulated Amortization of Debt AFUDC	Cumulative Line 10	\$759	\$978	\$1,209	\$1,475	\$1,722	\$1,996	\$2,295	\$2,584
12	Net Debt AFUDC	Line (8 - 11)	\$5,445	\$5,414	\$5,651	\$6,786	\$7,603	\$8,150	\$8,951	\$10,645

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of AFUDC
(\$000)

Line No.	Description	Source	2007	2008	2009	2010	2011	2012	2013	2014
1	Equity AFUDC Transfers to Rate Base	Statement F1, Line 10	\$13,856	\$25,944	\$12,722	\$2,928	\$5,326	\$12,036	\$28,482	\$20,829
2	Accumulated Equity AFUDC	Cumulative Line 1	\$42,512	\$68,456	\$81,179	\$84,106	\$89,433	\$101,469	\$129,951	\$150,780
3	Depreciation Rates	WorkPaper 2, Line 14	2.36%	2.37%	2.37%	2.36%	2.34%	2.38%	2.43%	2.34%
4	Amortization of Equity AFUDC	Lines ((Prior 2 + 1/2.0) * 3)	\$839	\$1,313	\$1,772	\$1,951	\$2,029	\$2,268	\$2,815	\$3,290
5	Accumulated Amortization of Equity AFUDC	Cumulative Line 4	\$6,993	\$8,307	\$10,078	\$12,029	\$14,058	\$16,326	\$19,142	\$22,431
6	Net Equity AFUDC	Line (2 - 5)	\$35,519	\$60,150	\$71,100	\$72,077	\$75,375	\$85,143	\$110,809	\$128,349
7	Debt AFUDC Transfers to Rate Base	Statement F1, Line 14	\$6,538	\$10,740	\$6,593	\$1,431	\$2,509	\$5,840	\$9,200	\$9,200
8	Accumulated Debt AFUDC	Cumulative Line 7	\$19,767	\$30,507	\$37,101	\$38,531	\$41,041	\$46,881	\$56,081	\$65,281
9	Depreciation Rates	WorkPaper 2, Line 14	2.36%	2.37%	2.37%	2.36%	2.34%	2.38%	2.43%	2.34%
10	Amortization of Debt AFUDC	Lines ((Prior 8 + 7/2.0) * 9)	\$389	\$595	\$800	\$893	\$930	\$1,045	\$1,253	\$1,422
11	Accumulated Amortization of Debt AFUDC	Cumulative Line 10	\$2,973	\$3,568	\$4,369	\$5,262	\$6,192	\$7,236	\$8,489	\$9,911
12	Net Debt AFUDC	Line (8 - 11)	\$16,794	\$26,939	\$32,732	\$33,270	\$34,849	\$39,644	\$47,592	\$55,370

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of AFUDC
(\$000)

Statement F2
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Line No.	Description	Source	2015	2016	2017	2018	2019	1Q 2020	Base Period	Test Period
1	Equity AFUDC Transfers to Rate Base	Statement F1, Line 10	\$12,555	\$13,937	\$13,304	\$21,772	\$23,603	\$8,382	\$39,061	\$26,918
2	Accumulated Equity AFUDC	Cumulative Line 1	\$163,334	\$177,272	\$190,576	\$212,348	\$235,951	\$244,333	\$283,394	\$310,312
3	Depreciation Rates	WorkPaper 2, Line 14	2.38%	2.83%	2.75%	2.75%	2.72%	0.69%	2.91%	3.26%
4	Amortization of Equity AFUDC	Lines ((Prior 2 + 1/2.0) * 3)	\$3,742	\$4,813	\$5,057	\$5,544	\$6,087	\$1,650	\$7,667	\$9,687
5	Accumulated Amortization of Equity AFUDC	Cumulative Line 4	\$26,173	\$30,986	\$36,043	\$41,588	\$47,675	\$49,325	\$56,992	\$66,679
6	Net Equity AFUDC	Line (2 - 5)	\$137,161	\$146,286	\$154,533	\$170,760	\$188,276	\$195,009	\$226,402	\$243,633
7	Debt AFUDC Transfers to Rate Base	Statement F1, Line 14	\$5,102	\$4,718	\$5,055	\$6,541	\$7,528	\$1,856	\$8,649	\$5,960
8	Accumulated Debt AFUDC	Cumulative Line 7	\$70,382	\$75,101	\$80,156	\$86,698	\$94,226	\$96,082	\$104,731	\$110,691
9	Depreciation Rates	WorkPaper 2, Line 14	2.38%	2.83%	2.75%	2.75%	2.72%	0.69%	2.91%	3.26%
10	Amortization of Debt AFUDC	Lines ((Prior 8 + 7/2.0) * 9)	\$1,616	\$2,056	\$2,135	\$2,296	\$2,457	\$654	\$2,918	\$3,515
11	Accumulated Amortization of Debt AFUDC	Cumulative Line 10	\$11,527	\$13,583	\$15,718	\$18,013	\$20,470	\$21,124	\$24,041	\$27,556
12	Net Debt AFUDC	Line (8 - 11)	\$58,855	\$61,518	\$64,439	\$68,684	\$73,756	\$74,958	\$80,689	\$83,135

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Operating Revenues
(\$000)

Statement G
Page 1 of 1

Line No.	Description	Source	Base Period	Test Period
1	Revenues Under Proposed Rates	Statement A, Line 7	\$845,821	\$901,719
2	Revenues Under Presently Effective Rates	WorkPaper 1, Line 62	\$688,585	\$691,597
3	Revenues Under Maximum Ceiling Rates	WorkPaper 1, Line 63	688,601	691,597

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules

WorkPaper 1

Input Data
(\$000)

Page 5 of 6

Line No.	Description	2015	2016	2017	2018	2019	1Q 2020	Base Period	Test Period
1	Land Additions	\$3,695	\$18,341	\$0	\$1	\$17	\$0	\$1,393	\$667
2	Land Retirements	\$0	\$0	(\$560)	\$0	\$0	\$0	\$0	\$0
3	Land Acquisitions, Adjustments and Transfers	\$0	\$1,302	\$0	\$0	(\$0)	\$0	(\$90)	\$0
4	Land EOY	\$6,683	\$26,326	\$25,766	\$25,767	\$25,784	\$25,784	\$27,087	\$27,754
5	Right of Way EOY								
6	Accumulated Depreciation of Right of Way EOY								
7	Carrier Property in Service ("CPIS") Additions	\$83,001	\$406,456	\$257,236	\$97,722	\$137,076	\$2,166	\$83,064	\$377,019
8	CPIS Retirements	(\$984)	(\$843)	(\$848)	(\$2,738)	(\$29,236)	\$0	\$0	\$0
9	CPIS Acquisitions, Adjustments and Transfers	\$923	(\$67,668)	\$53	\$44	\$0	\$0	\$22,925	\$0
10	CPIS EOY	\$2,093,629	\$2,431,574	\$2,688,015	\$2,783,043	\$2,890,883	\$2,893,049	\$2,999,037	\$3,376,057
11	Depreciation Expense	\$48,776	\$63,438	\$69,643	\$74,555	\$76,334	\$19,688	\$84,840	\$103,100
12	Depreciation Retirements	(\$984)	(\$843)	(\$289)	(\$2,738)	(\$29,236)	\$0	\$0	\$0
13	Depreciation Acquisitions, Adjustments and Transfers	\$0	\$0	(\$560)	\$0	\$0	\$0	\$10,921	\$0
14	Accumulated Depreciation EOY	\$749,724	\$812,318	\$881,112	\$952,929	\$1,000,027	\$1,019,715	\$1,115,475	\$1,218,575
15	Capitalized Interest - Additions Included in CPIS Line 7	\$2,009	\$1,755	\$1,225	\$226	\$2,452	\$91	\$364	\$4,357
16	Capitalized Interest - Additions Included in CPIS Line 8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Capitalized Interest - Additions Included in CPIS Line 9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Capitalized Interest - Additions Included in CPIS Line 10	\$73,691	\$75,446	\$76,671	\$76,897	\$79,349	\$79,440	\$79,804	\$84,162
19	Capitalized Interest - Amortization Included in Line 11	\$1,728	\$2,068	\$2,065	\$2,094	\$2,110	\$544	\$2,317	\$2,653
20	Capitalized Interest - Amortization Included in Line 12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	Capitalized Interest - Amortization Included in Line 13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Capitalized Interest - Amortization Included in Line 14	\$28,588	\$30,656	\$32,721	\$34,815	\$36,925	\$37,469	\$39,786	\$42,439
23	Construction Work in Progress ("CWIP") Additions	\$58,831	\$364,903	\$323,193	\$155,345	\$221,550	\$22,650	\$184,114	\$0
24	CWIP Retirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	CWIP Acquisitions, Adjustments and Transfers	(\$83,001)	(\$406,456)	(\$257,236)	(\$97,722)	(\$137,076)	(\$2,166)	(\$83,064)	(\$377,019)
26	CWIP EOY	\$206,361	\$164,808	\$230,765	\$288,388	\$372,862	\$393,346	\$494,397	\$117,377
27	Cost of Reproduction New ("CRN")								
28	Oil Inventories EOY	\$1,528	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	Materials and Supplies EOY	\$1,557	\$1,557	\$1,557	\$1,557	\$7,568	\$8,343	\$8,343	\$8,343
30	Prepayments EOY	\$12,703	\$14,292	\$13,250	\$9,737	\$4,757	\$4,186	\$4,186	\$4,186
31	Equity Ratio EOY	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%	55.00%
32	Equity Ratio at June 30, 1985								
33	Inflation Rate	0.73%	2.07%	2.11%	1.91%	2.29%	1.36%	1.36%	1.36%
34	Rate of Return on Equity	10.45%	13.65%	12.23%	15.25%	12.98%	16.00%	16.00%	16.00%
35	Cost of Debt	5.19%	5.65%	5.68%	5.60%	5.06%	4.33%	4.33%	4.33%
36	Federal Income Tax Rate	0.00%	0.00%	0.00%	0.00%	21.00%	21.00%	21.00%	21.00%
37	State Income Tax Rate	0.00%	0.00%	0.00%	0.00%	6.30%	6.42%	6.42%	6.42%
38	Tax Depreciation Factors - ACRS (1983-1986)								
39	Tax Depreciation Factors - MACRS (1987-present)								
40	Partial Year Factor	1.00	1.00	1.00	1.00	1.00	0.25	1.00	1.00

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules

WorkPaper 1

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Input Data
(\$000)

Line No.	Description	Base Period	Test Period
Operating Expenses			
OPERATIONS AND MAINTENANCE			
41	300 Salaries and Wages	\$0	\$0
42	310 Materials and Supplies	\$12,286	\$12,286
43	320 Outside Services	\$130,498	\$130,498
44	330 Operating Fuel and Power	\$141,171	\$141,171
45	340 Oil Losses and Shortages	\$0	\$0
46	350 Rentals	\$1,487	\$1,487
47	390 Other Expenses	\$1,248	\$1,248
48	Total Operations Expense	\$286,690	\$286,690
GENERAL			
49	500 Salaries and Wages	\$0	\$0
50	510 Materials and Supplies	\$686	\$686
51	520 Outside Services	\$71,281	\$78,715
52	530 Rentals	\$380	\$380
53	550 Employee Benefits	\$0	\$0
54	560 Insurance	\$6,259	\$6,259
55	570 Casualty and Other Losses	\$6,938	\$6,938
56	580 Pipeline Taxes	\$36,011	\$36,011
57	590 Other Expenses	\$2,281	\$2,281
58	Total General Expense	\$123,835	\$131,269
59	Total Operating Expenses Excluding Depreciation	\$410,526	\$417,959
60	Throughput in 000 Barrels	604,795	604,795
61	Throughput in 000 Barrel-Miles	477,055,818	476,965,271
62	Revenues Under Presently Effective Rates	\$688,585	\$691,597
63	Revenues Under Maximum Ceiling Rates	\$688,601	\$691,597

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Carrier Property and Depreciation
(\$000)

Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990
Carrier Property and Depreciation Net of Capitalized Interest										
1	Carrier Property in Service ("CPIS") Additions	WorkPaper 1, Lines (7 - 15)		\$2,960	\$14,752	\$38,809	\$13,098	\$27,554	\$15,113	\$28,970
2	CPIS Retirements	WorkPaper 1, Lines (8 - 16)		(\$671)	(\$667)	(\$2,579)	(\$1,682)	(\$1,761)	(\$8,333)	(\$3,373)
3	CPIS Adjustments and Transfers	WorkPaper 1, Lines (9 - 17)		\$0	\$0	\$7	\$0	\$0	(\$7)	\$0
4	Carrier Property in Service EOY	Sum Lns (1 to 3 + Prior 4) 1/	\$441,586	\$443,874	\$457,959	\$494,195	\$505,611	\$531,403	\$538,176	\$563,773
5	Land Additions	WorkPaper 1, Line 1		\$0	\$140	\$144	\$30	\$0	\$366	\$75
6	Land Retirements	WorkPaper 1, Line 2		\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Land Adjustments and Transfers	WorkPaper 1, Line 3		\$0	\$0	\$7	(\$1)	\$0	(\$0)	(\$4)
8	Land EOY	Sum Lns (5 to 7 + Prior 8) 2/	\$1,468	\$1,468	\$1,609	\$1,759	\$1,787	\$1,787	\$2,153	\$2,224
9	Depreciation Expense	WorkPaper 1, Lines (11 - 19)	\$13,619	\$14,140	\$14,318	\$14,900	\$16,333	\$16,966	\$17,594	\$17,051
10	Depreciation Retirements	WorkPaper 1, Lines (12 - 20)		(\$671)	(\$667)	(\$2,579)	(\$1,682)	(\$1,761)	(\$8,333)	(\$3,373)
11	Depreciation Adjustments and Transfers	WorkPaper 1, Lines (13 - 21)		(\$320)	\$18	\$107	(\$114)	\$32	(\$828)	(\$1,074)
12	Accumulated Depreciation EOY	Sum Lns (9 to 11 + Prior 12) 3/	\$210,117	\$223,266	\$236,935	\$249,363	\$263,899	\$279,136	\$287,569	\$300,174
13	Depreciable Carrier Property in Service EOY	Lines (4 - 8)	\$440,118	\$442,406	\$456,350	\$492,436	\$503,823	\$529,616	\$536,023	\$561,549
14	Depreciation Rates	Lns (9 / Avg 13) 4/		3.20%	3.19%	3.14%	3.28%	3.28%	3.30%	3.11%
15	Remaining Life in Years at EOY 1983	Lns ((13 - 12) / 9)	16.89							

1/ For 1983, WorkPaper 1, Lines (10 - 18)

2/ For 1983, WorkPaper 1, Line 4

3/ For 1983, WorkPaper 1, Lines (14 - 22)

4/ Depreciation Rates are calculated on mid-year basis (average)

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Carrier Property and Depreciation
(\$000)

Line No.	Description	Source	1991	1992	1993	1994	1995	1996	1997	1998
Carrier Property and Depreciation Net of Capitalized Interest										
1	Carrier Property in Service ("CPIS") Additions	WorkPaper 1, Lines (7 - 15)	\$23,545	\$35,174	\$36,595	\$128,918	\$34,457	\$57,200	\$44,813	\$382,181
2	CPIS Retirements	WorkPaper 1, Lines (8 - 16)	(\$3,934)	(\$10,459)	(\$8,218)	(\$21,473)	(\$10,502)	(\$4,711)	(\$3,791)	(\$11,499)
3	CPIS Adjustments and Transfers	WorkPaper 1, Lines (9 - 17)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Carrier Property in Service EOY	Sum Lns (1 to 3 + Prior 4) 1/	\$583,385	\$608,099	\$636,476	\$743,921	\$767,876	\$820,365	\$861,387	\$1,232,069
5	Land Additions	WorkPaper 1, Line 1	\$37	\$223	\$30	\$256	\$90	\$196	\$251	\$71
6	Land Retirements	WorkPaper 1, Line 2	\$0	\$0	(\$153)	\$0	\$0	\$0	\$0	\$0
7	Land Adjustments and Transfers	WorkPaper 1, Line 3	(\$6)	\$0	\$0	\$0	\$0	(\$3)	\$0	(\$218)
8	Land EOY	Sum Lns (5 to 7 + Prior 8) 2/	\$2,256	\$2,479	\$2,356	\$2,613	\$2,703	\$2,895	\$3,146	\$2,999
9	Depreciation Expense	WorkPaper 1, Lines (11 - 19)	\$17,521	\$18,800	\$20,274	\$21,585	\$25,756	\$25,575	\$26,461	\$35,672
10	Depreciation Retirements	WorkPaper 1, Lines (12 - 20)	(\$3,934)	(\$10,459)	(\$8,065)	(\$21,473)	(\$10,502)	(\$4,711)	(\$3,791)	(\$11,499)
11	Depreciation Adjustments and Transfers	WorkPaper 1, Lines (13 - 21)	(\$942)	(\$1,049)	(\$1,487)	(\$2,826)	(\$270)	\$570	(\$237)	(\$9,653)
12	Accumulated Depreciation EOY	Sum Lns (9 to 11 + Prior 12) 3/	\$312,819	\$320,111	\$330,833	\$328,120	\$343,104	\$364,538	\$386,971	\$401,491
13	Depreciable Carrier Property in Service EOY	Lines (4 - 8)	\$581,129	\$605,620	\$634,120	\$741,309	\$765,173	\$817,470	\$858,240	\$1,229,069
14	Depreciation Rates	Lns (9 / Avg 13) 4/	3.07%	3.17%	3.27%	3.14%	3.42%	3.23%	3.16%	3.42%
15	Remaining Life in Years at EOY 1983	Lns ((13 - 12) / 9)								

1/ For 1983, WorkPaper 1, Lines (10 - 18)

2/ For 1983, WorkPaper 1, Line 4

3/ For 1983, WorkPaper 1, Lines (14 - 22)

4/ Depreciation Rates are calculated on mid-year basis (average)

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Carrier Property and Depreciation
(\$000)

Line No.	Description	Source	1999	2000	2001	2002	2003	2004	2005	2006
Carrier Property and Depreciation Net of Capitalized Interest										
1	Carrier Property in Service ("CPIS") Additions	WorkPaper 1, Lines (7 - 15)	(\$4,161)	\$15,053	\$16,114	\$130,649	\$125,669	\$17,730	\$47,274	(\$1,447)
2	CPIS Retirements	WorkPaper 1, Lines (8 - 16)	\$0	(\$1,607)	(\$427)	\$0	(\$835)	(\$2,134)	(\$1,818)	(\$6,125)
3	CPIS Adjustments and Transfers	WorkPaper 1, Lines (9 - 17)	(\$232,026)	\$0	\$0	\$570	\$0	\$0	\$0	(\$11,939)
4	Carrier Property in Service EOY	Sum Lns (1 to 3 + Prior 4) 1/	\$995,882	\$1,009,328	\$1,025,015	\$1,156,234	\$1,281,069	\$1,296,664	\$1,342,120	\$1,322,610
5	Land Additions	WorkPaper 1, Line 1	\$221	\$0	\$0	\$0	\$0	\$334	\$0	\$0
6	Land Retirements	WorkPaper 1, Line 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Land Adjustments and Transfers	WorkPaper 1, Line 3	\$0	\$0	\$0	\$0	\$0	(\$0)	\$0	\$303
8	Land EOY	Sum Lns (5 to 7 + Prior 8) 2/	\$3,221	\$3,221	\$3,221	\$3,221	\$3,221	\$3,554	\$3,554	\$3,857
9	Depreciation Expense	WorkPaper 1, Lines (11 - 19)	\$38,166	\$34,777	\$35,393	\$38,179	\$34,143	\$36,161	\$36,869	\$31,366
10	Depreciation Retirements	WorkPaper 1, Lines (12 - 20)	\$0	(\$1,607)	(\$427)	\$0	(\$835)	(\$2,134)	(\$1,818)	(\$6,125)
11	Depreciation Adjustments and Transfers	WorkPaper 1, Lines (13 - 21)	(\$1,696)	\$12,265	\$0	\$570	\$0	\$0	\$0	\$0
12	Accumulated Depreciation EOY	Sum Lns (9 to 11 + Prior 12) 3/	\$437,961	\$483,395	\$518,361	\$557,110	\$590,418	\$624,445	\$659,496	\$684,737
13	Depreciable Carrier Property in Service EOY	Lines (4 - 8)	\$992,661	\$1,006,107	\$1,021,795	\$1,153,014	\$1,277,848	\$1,293,110	\$1,338,566	\$1,318,752
14	Depreciation Rates	Lns (9 / Avg 13) 4/	3.44%	3.48%	3.49%	3.51%	2.81%	2.81%	2.80%	2.36%
15	Remaining Life in Years at EOY 1983	Lns ((13 - 12) / 9)								

1/ For 1983, WorkPaper 1, Lines (10 - 18)

2/ For 1983, WorkPaper 1, Line 4

3/ For 1983, WorkPaper 1, Lines (14 - 22)

4/ Depreciation Rates are calculated on mid-year basis (average)

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Carrier Property and Depreciation
(\$000)

Line No.	Description	Source	2007	2008	2009	2010	2011	2012	2013	2014
Carrier Property and Depreciation Net of Capitalized Interest										
1	Carrier Property in Service ("CPIS") Additions	WorkPaper 1, Lines (7 - 15)	\$53,490	(\$162)	\$278,170	\$18,865	\$24,773	\$302,926	\$433,661	\$44,953
2	CPIS Retirements	WorkPaper 1, Lines (8 - 16)	(\$759)	(\$8,897)	(\$411)	(\$8,200)	(\$689)	(\$616)	(\$768)	(\$284,360)
3	CPIS Adjustments and Transfers	WorkPaper 1, Lines (9 - 17)	\$0	(\$77,947)	(\$153,846)	(\$3,628)	(\$159)	\$0	\$0	\$0
4	Carrier Property in Service EOY	Sum Lns (1 to 3 + Prior 4) 1/	\$1,375,341	\$1,288,335	\$1,412,248	\$1,419,285	\$1,443,210	\$1,745,520	\$2,178,413	\$1,939,006
5	Land Additions	WorkPaper 1, Line 1	\$45	\$0	\$0	\$4,239	\$575	\$706	\$0	\$0
6	Land Retirements	WorkPaper 1, Line 2	\$0	\$0	\$0	(\$360)	\$0	\$0	\$0	\$0
7	Land Adjustments and Transfers	WorkPaper 1, Line 3	\$0	(\$201)	\$0	\$0	\$0	\$0	(\$3,975)	(\$1,898)
8	Land EOY	Sum Lns (5 to 7 + Prior 8) 2/	\$3,902	\$3,702	\$3,702	\$7,581	\$8,156	\$8,861	\$4,886	\$2,988
9	Depreciation Expense	WorkPaper 1, Lines (11 - 19)	\$31,732	\$31,437	\$31,887	\$33,289	\$33,281	\$37,682	\$47,571	\$48,154
10	Depreciation Retirements	WorkPaper 1, Lines (12 - 20)	(\$759)	(\$8,897)	(\$411)	(\$7,840)	(\$689)	(\$616)	(\$768)	(\$284,360)
11	Depreciation Adjustments and Transfers	WorkPaper 1, Lines (13 - 21)	\$0	\$0	\$0	(\$360)	\$0	\$0	\$0	\$0
12	Accumulated Depreciation EOY	Sum Lns (9 to 11 + Prior 12) 3/	\$715,710	\$738,250	\$769,726	\$794,815	\$827,407	\$864,473	\$911,276	\$675,071
13	Depreciable Carrier Property in Service EOY	Lines (4 - 8)	\$1,371,438	\$1,284,633	\$1,408,546	\$1,411,704	\$1,435,055	\$1,736,659	\$2,173,527	\$1,936,018
14	Depreciation Rates	Lns (9 / Avg 13) 4/	2.36%	2.37%	2.37%	2.36%	2.34%	2.38%	2.43%	2.34%
15	Remaining Life in Years at EOY 1983	Lns ((13 - 12) / 9)								

1/ For 1983, WorkPaper 1, Lines (10 - 18)

2/ For 1983, WorkPaper 1, Line 4

3/ For 1983, WorkPaper 1, Lines (14 - 22)

4/ Depreciation Rates are calculated on mid-year basis (average)

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Carrier Property and Depreciation
(\$000)

Line No.	Description	Source	2015	2016	2017	2018	2019	1Q 2020	Base Period	Test Period
Carrier Property and Depreciation Net of Capitalized Interest										
1	Carrier Property in Service ("CPIS") Additions	WorkPaper 1, Lines (7 - 15)	\$80,992	\$404,701	\$256,012	\$97,496	\$134,625	\$2,075	\$82,699	\$372,662
2	CPIS Retirements	WorkPaper 1, Lines (8 - 16)	(\$984)	(\$843)	(\$848)	(\$2,738)	(\$29,236)	\$0	\$0	\$0
3	CPIS Adjustments and Transfers	WorkPaper 1, Lines (9 - 17)	\$923	(\$67,668)	\$53	\$44	\$0	\$0	\$22,925	\$0
4	Carrier Property in Service EOY	Sum Lns (1 to 3 + Prior 4) 1/	\$2,019,938	\$2,356,127	\$2,611,344	\$2,706,146	\$2,811,534	\$2,813,609	\$2,919,233	\$3,291,895
5	Land Additions	WorkPaper 1, Line 1	\$3,695	\$18,341	\$0	\$1	\$17	\$0	\$1,393	\$667
6	Land Retirements	WorkPaper 1, Line 2	\$0	\$0	(\$560)	\$0	\$0	\$0	\$0	\$0
7	Land Adjustments and Transfers	WorkPaper 1, Line 3	\$0	\$1,302	\$0	\$0	(\$0)	\$0	(\$90)	\$0
8	Land EOY	Sum Lns (5 to 7 + Prior 8) 2/	\$6,683	\$26,326	\$25,766	\$25,767	\$25,784	\$25,784	\$27,087	\$27,754
9	Depreciation Expense	WorkPaper 1, Lines (11 - 19)	\$47,048	\$61,370	\$67,578	\$72,461	\$74,224	\$19,144	\$82,523	\$100,447
10	Depreciation Retirements	WorkPaper 1, Lines (12 - 20)	(\$984)	(\$843)	(\$289)	(\$2,738)	(\$29,236)	\$0	\$0	\$0
11	Depreciation Adjustments and Transfers	WorkPaper 1, Lines (13 - 21)	\$0	\$0	(\$560)	\$0	\$0	\$0	\$10,921	\$0
12	Accumulated Depreciation EOY	Sum Lns (9 to 11 + Prior 12) 3/	\$721,135	\$781,662	\$848,391	\$918,114	\$963,101	\$982,245	\$1,075,689	\$1,176,136
13	Depreciable Carrier Property in Service EOY	Lines (4 - 8)	\$2,013,255	\$2,329,801	\$2,585,578	\$2,680,379	\$2,785,750	\$2,787,825	\$2,892,146	\$3,264,141
14	Depreciation Rates	Lns (9 / Avg 13) 4/	2.38%	2.83%	2.75%	2.75%	2.72%	0.69%	2.91%	3.26%
15	Remaining Life in Years at EOY 1983	Lns ((13 - 12) / 9)								

1/ For 1983, WorkPaper 1, Lines (10 - 18)

2/ For 1983, WorkPaper 1, Line 4

3/ For 1983, WorkPaper 1, Lines (14 - 22)

4/ Depreciation Rates are calculated on mid-year basis (average)

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of Deferred Earnings
(\$000)

Line No.	Year of Trending	Deferred Earnings	Depreciation Rate	1 1984	2 1985	3 1986	4 1987	5 1988	6 1989	7 1990
		Statement E2, Ln. 13	WorkPaper 2, Ln. 14							
1	1984	\$14,207	3.20%	\$228	\$455	\$455	\$455	\$455	\$455	\$455
2	1985	\$13,496	3.19%	\$0	\$215	\$430	\$430	\$430	\$430	\$430
3	1986	\$3,920	3.14%	\$0	\$0	\$62	\$123	\$123	\$123	\$123
4	1987	\$16,003	3.28%	\$0	\$0	\$0	\$262	\$525	\$525	\$525
5	1988	\$15,908	3.28%	\$0	\$0	\$0	\$0	\$261	\$522	\$522
6	1989	\$17,005	3.30%	\$0	\$0	\$0	\$0	\$0	\$281	\$562
7	1990	\$22,375	3.11%	\$0	\$0	\$0	\$0	\$0	\$0	\$348
8	1991	\$11,635	3.07%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	1992	\$10,971	3.17%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	1993	\$12,212	3.27%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	1994	\$11,958	3.14%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	1995	\$12,876	3.42%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	1996	\$16,703	3.23%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	1997	\$8,826	3.16%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	1998	\$8,322	3.42%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	1999	\$19,040	3.44%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	2000	\$18,607	3.48%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	2001	\$8,177	3.49%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	2002	\$12,131	3.51%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	2003	\$10,691	2.81%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	2004	\$20,346	2.81%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	2005	\$21,416	2.80%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	2006	\$16,376	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	2007	\$25,436	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	2008	\$596	2.37%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	2009	\$16,558	2.37%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	2010	\$11,187	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	2011	\$19,880	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	2012	\$11,785	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	2013	\$12,578	2.43%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	2014	\$8,248	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	2015	\$8,135	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	2016	\$23,359	2.83%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	2017	\$27,352	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	2018	\$27,121	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	2019	\$33,339	2.72%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	2020	\$5,080	0.69%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	2021	\$20,188	2.91%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	2022	\$20,278	3.26%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	Amortization of Deferred Earnings			\$228	\$670	\$947	\$1,271	\$1,794	\$2,336	\$2,965

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of Deferred Earnings
(\$000)

Line No.	Year of Trending	Deferred Earnings	Depreciation Rate	8	9	10	11	12	13	14	15
				1991	1992	1993	1994	1995	1996	1997	1998
		Statement E2, Ln. 13	WorkPaper 2, Ln. 14								
1	1984	\$14,207	3.20%	\$455	\$455	\$455	\$455	\$455	\$455	\$455	\$455
2	1985	\$13,496	3.19%	\$430	\$430	\$430	\$430	\$430	\$430	\$430	\$430
3	1986	\$3,920	3.14%	\$123	\$123	\$123	\$123	\$123	\$123	\$123	\$123
4	1987	\$16,003	3.28%	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525
5	1988	\$15,908	3.28%	\$522	\$522	\$522	\$522	\$522	\$522	\$522	\$522
6	1989	\$17,005	3.30%	\$562	\$562	\$562	\$562	\$562	\$562	\$562	\$562
7	1990	\$22,375	3.11%	\$695	\$695	\$695	\$695	\$695	\$695	\$695	\$695
8	1991	\$11,635	3.07%	\$178	\$357	\$357	\$357	\$357	\$357	\$357	\$357
9	1992	\$10,971	3.17%	\$0	\$174	\$348	\$348	\$348	\$348	\$348	\$348
10	1993	\$12,212	3.27%	\$0	\$0	\$200	\$399	\$399	\$399	\$399	\$399
11	1994	\$11,958	3.14%	\$0	\$0	\$0	\$188	\$375	\$375	\$375	\$375
12	1995	\$12,876	3.42%	\$0	\$0	\$0	\$0	\$220	\$440	\$440	\$440
13	1996	\$16,703	3.23%	\$0	\$0	\$0	\$0	\$0	\$270	\$540	\$540
14	1997	\$8,826	3.16%	\$0	\$0	\$0	\$0	\$0	\$0	\$139	\$279
15	1998	\$8,322	3.42%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142
16	1999	\$19,040	3.44%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	2000	\$18,607	3.48%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	2001	\$8,177	3.49%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	2002	\$12,131	3.51%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	2003	\$10,691	2.81%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	2004	\$20,346	2.81%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	2005	\$21,416	2.80%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	2006	\$16,376	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	2007	\$25,436	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	2008	\$596	2.37%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	2009	\$16,558	2.37%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	2010	\$11,187	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	2011	\$19,880	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	2012	\$11,785	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	2013	\$12,578	2.43%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	2014	\$8,248	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	2015	\$8,135	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	2016	\$23,359	2.83%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	2017	\$27,352	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	2018	\$27,121	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	2019	\$33,339	2.72%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	2020	\$5,080	0.69%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	2021	\$20,188	2.91%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	2022	\$20,278	3.26%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	Amortization of Deferred Earnings			\$3,491	\$3,843	\$4,216	\$4,604	\$5,011	\$5,502	\$5,911	\$6,192

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of Deferred Earnings
(\$000)

Line No.	Year of Trending	Deferred Earnings	Depreciation Rate	16	17	18	19	20	21	22	23
				1999	2000	2001	2002	2003	2004	2005	2006
		Statement E2, Ln. 13	WorkPaper 2, Ln. 14								
1	1984	\$14,207	3.20%	\$455	\$455	\$455	\$455	\$455	\$455	\$455	\$455
2	1985	\$13,496	3.19%	\$430	\$430	\$430	\$430	\$430	\$430	\$430	\$430
3	1986	\$3,920	3.14%	\$123	\$123	\$123	\$123	\$123	\$123	\$123	\$123
4	1987	\$16,003	3.28%	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525
5	1988	\$15,908	3.28%	\$522	\$522	\$522	\$522	\$522	\$522	\$522	\$522
6	1989	\$17,005	3.30%	\$562	\$562	\$562	\$562	\$562	\$562	\$562	\$562
7	1990	\$22,375	3.11%	\$695	\$695	\$695	\$695	\$695	\$695	\$695	\$695
8	1991	\$11,635	3.07%	\$357	\$357	\$357	\$357	\$357	\$357	\$357	\$357
9	1992	\$10,971	3.17%	\$348	\$348	\$348	\$348	\$348	\$348	\$348	\$348
10	1993	\$12,212	3.27%	\$399	\$399	\$399	\$399	\$399	\$399	\$399	\$399
11	1994	\$11,958	3.14%	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
12	1995	\$12,876	3.42%	\$440	\$440	\$440	\$440	\$440	\$440	\$440	\$440
13	1996	\$16,703	3.23%	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540
14	1997	\$8,826	3.16%	\$279	\$279	\$279	\$279	\$279	\$279	\$279	\$279
15	1998	\$8,322	3.42%	\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284
16	1999	\$19,040	3.44%	\$327	\$654	\$654	\$654	\$654	\$654	\$654	\$654
17	2000	\$18,607	3.48%	\$0	\$324	\$647	\$647	\$647	\$647	\$647	\$647
18	2001	\$8,177	3.49%	\$0	\$0	\$143	\$285	\$285	\$285	\$285	\$285
19	2002	\$12,131	3.51%	\$0	\$0	\$0	\$213	\$426	\$426	\$426	\$426
20	2003	\$10,691	2.81%	\$0	\$0	\$0	\$0	\$150	\$300	\$300	\$300
21	2004	\$20,346	2.81%	\$0	\$0	\$0	\$0	\$0	\$286	\$572	\$572
22	2005	\$21,416	2.80%	\$0	\$0	\$0	\$0	\$0	\$0	\$300	\$600
23	2006	\$16,376	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$193
24	2007	\$25,436	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	2008	\$596	2.37%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	2009	\$16,558	2.37%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	2010	\$11,187	2.36%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	2011	\$19,880	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	2012	\$11,785	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	2013	\$12,578	2.43%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	2014	\$8,248	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	2015	\$8,135	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	2016	\$23,359	2.83%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	2017	\$27,352	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	2018	\$27,121	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	2019	\$33,339	2.72%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	2020	\$5,080	0.69%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	2021	\$20,188	2.91%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	2022	\$20,278	3.26%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	Amortization of Deferred Earnings			\$6,662	\$7,313	\$7,779	\$8,135	\$8,498	\$8,934	\$9,520	\$10,014

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of Deferred Earnings
(\$000)

Line No.	Year of Trending	Deferred Earnings	Depreciation Rate	24	25	26	27	28	29	30	31
				2007	2008	2009	2010	2011	2012	2013	2014
		Statement E2, Ln. 13	WorkPaper 2, Ln. 14								
1	1984	\$14,207	3.20%	\$455	\$455	\$455	\$455	\$455	\$455	\$455	\$455
2	1985	\$13,496	3.19%	\$430	\$430	\$430	\$430	\$430	\$430	\$430	\$430
3	1986	\$3,920	3.14%	\$123	\$123	\$123	\$123	\$123	\$123	\$123	\$123
4	1987	\$16,003	3.28%	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525
5	1988	\$15,908	3.28%	\$522	\$522	\$522	\$522	\$522	\$522	\$522	\$522
6	1989	\$17,005	3.30%	\$562	\$562	\$562	\$562	\$562	\$562	\$562	\$562
7	1990	\$22,375	3.11%	\$695	\$695	\$695	\$695	\$695	\$695	\$695	\$695
8	1991	\$11,635	3.07%	\$357	\$357	\$357	\$357	\$357	\$357	\$357	\$357
9	1992	\$10,971	3.17%	\$348	\$348	\$348	\$348	\$348	\$348	\$348	\$348
10	1993	\$12,212	3.27%	\$399	\$399	\$399	\$399	\$399	\$399	\$399	\$399
11	1994	\$11,958	3.14%	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
12	1995	\$12,876	3.42%	\$440	\$440	\$440	\$440	\$440	\$440	\$440	\$440
13	1996	\$16,703	3.23%	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540
14	1997	\$8,826	3.16%	\$279	\$279	\$279	\$279	\$279	\$279	\$279	\$279
15	1998	\$8,322	3.42%	\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284
16	1999	\$19,040	3.44%	\$654	\$654	\$654	\$654	\$654	\$654	\$654	\$654
17	2000	\$18,607	3.48%	\$647	\$647	\$647	\$647	\$647	\$647	\$647	\$647
18	2001	\$8,177	3.49%	\$285	\$285	\$285	\$285	\$285	\$285	\$285	\$285
19	2002	\$12,131	3.51%	\$426	\$426	\$426	\$426	\$426	\$426	\$426	\$426
20	2003	\$10,691	2.81%	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300
21	2004	\$20,346	2.81%	\$572	\$572	\$572	\$572	\$572	\$572	\$572	\$572
22	2005	\$21,416	2.80%	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
23	2006	\$16,376	2.36%	\$387	\$387	\$387	\$387	\$387	\$387	\$387	\$387
24	2007	\$25,436	2.36%	\$300	\$600	\$600	\$600	\$600	\$600	\$600	\$600
25	2008	\$596	2.37%	\$0	\$7	\$14	\$14	\$14	\$14	\$14	\$14
26	2009	\$16,558	2.37%	\$0	\$0	\$196	\$392	\$392	\$392	\$392	\$392
27	2010	\$11,187	2.36%	\$0	\$0	\$0	\$132	\$264	\$264	\$264	\$264
28	2011	\$19,880	2.34%	\$0	\$0	\$0	\$0	\$232	\$465	\$465	\$465
29	2012	\$11,785	2.38%	\$0	\$0	\$0	\$0	\$0	\$140	\$280	\$280
30	2013	\$12,578	2.43%	\$0	\$0	\$0	\$0	\$0	\$0	\$153	\$306
31	2014	\$8,248	2.34%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$97
32	2015	\$8,135	2.38%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	2016	\$23,359	2.83%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	2017	\$27,352	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	2018	\$27,121	2.75%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	2019	\$33,339	2.72%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	2020	\$5,080	0.69%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	2021	\$20,188	2.91%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	2022	\$20,278	3.26%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	Amortization of Deferred Earnings			\$10,507	\$10,814	\$11,017	\$11,345	\$11,710	\$12,082	\$12,375	\$12,625

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Amortization of Deferred Earnings
(\$000)

Line No.	Year of Trending	Deferred Earnings	Depreciation Rate	32 2015	33 2016	34 2017	35 2018	36 2019	37 1Q 2020	38 Base Period	39 Test Period
		Statement E2, Ln. 13	WorkPaper 2, Ln. 14								
1	1984	\$14,207	3.20%	\$322	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	1985	\$13,496	3.19%	\$430	\$381	\$0	\$0	\$0	\$0	\$0	\$0
3	1986	\$3,920	3.14%	\$123	\$123	\$123	\$42	\$0	\$0	\$0	\$0
4	1987	\$16,003	3.28%	\$525	\$525	\$524	\$0	\$0	\$0	\$0	\$0
5	1988	\$15,908	3.28%	\$522	\$522	\$522	\$500	\$0	\$0	\$0	\$0
6	1989	\$17,005	3.30%	\$562	\$562	\$562	\$562	\$440	\$0	\$0	\$0
7	1990	\$22,375	3.11%	\$695	\$695	\$695	\$695	\$695	\$695	\$695	\$476
8	1991	\$11,635	3.07%	\$357	\$357	\$357	\$357	\$357	\$357	\$357	\$357
9	1992	\$10,971	3.17%	\$348	\$348	\$348	\$348	\$348	\$348	\$348	\$348
10	1993	\$12,212	3.27%	\$399	\$399	\$399	\$399	\$399	\$399	\$399	\$399
11	1994	\$11,958	3.14%	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375
12	1995	\$12,876	3.42%	\$440	\$440	\$440	\$440	\$440	\$440	\$440	\$440
13	1996	\$16,703	3.23%	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540
14	1997	\$8,826	3.16%	\$279	\$279	\$279	\$279	\$279	\$279	\$279	\$279
15	1998	\$8,322	3.42%	\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284
16	1999	\$19,040	3.44%	\$654	\$654	\$654	\$654	\$654	\$654	\$654	\$654
17	2000	\$18,607	3.48%	\$647	\$647	\$647	\$647	\$647	\$647	\$647	\$647
18	2001	\$8,177	3.49%	\$285	\$285	\$285	\$285	\$285	\$285	\$285	\$285
19	2002	\$12,131	3.51%	\$426	\$426	\$426	\$426	\$426	\$426	\$426	\$426
20	2003	\$10,691	2.81%	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300
21	2004	\$20,346	2.81%	\$572	\$572	\$572	\$572	\$572	\$572	\$572	\$572
22	2005	\$21,416	2.80%	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
23	2006	\$16,376	2.36%	\$387	\$387	\$387	\$387	\$387	\$387	\$387	\$387
24	2007	\$25,436	2.36%	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
25	2008	\$596	2.37%	\$14	\$14	\$14	\$14	\$14	\$14	\$14	\$14
26	2009	\$16,558	2.37%	\$392	\$392	\$392	\$392	\$392	\$392	\$392	\$392
27	2010	\$11,187	2.36%	\$264	\$264	\$264	\$264	\$264	\$264	\$264	\$264
28	2011	\$19,880	2.34%	\$465	\$465	\$465	\$465	\$465	\$465	\$465	\$465
29	2012	\$11,785	2.38%	\$280	\$280	\$280	\$280	\$280	\$280	\$280	\$280
30	2013	\$12,578	2.43%	\$306	\$306	\$306	\$306	\$306	\$306	\$306	\$306
31	2014	\$8,248	2.34%	\$193	\$193	\$193	\$193	\$193	\$193	\$193	\$193
32	2015	\$8,135	2.38%	\$97	\$194	\$194	\$194	\$194	\$194	\$194	\$194
33	2016	\$23,359	2.83%	\$0	\$330	\$660	\$660	\$660	\$660	\$660	\$660
34	2017	\$27,352	2.75%	\$0	\$0	\$376	\$752	\$752	\$752	\$752	\$752
35	2018	\$27,121	2.75%	\$0	\$0	\$0	\$373	\$746	\$746	\$746	\$746
36	2019	\$33,339	2.72%	\$0	\$0	\$0	\$0	\$453	\$905	\$905	\$905
37	2020	\$5,080	0.69%	\$0	\$0	\$0	\$0	\$0	\$17	\$35	\$35
38	2021	\$20,188	2.91%	\$0	\$0	\$0	\$0	\$0	\$0	\$293	\$587
39	2022	\$20,278	3.26%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331
40	Amortization of Deferred Earnings			\$12,685	\$12,741	\$13,066	\$13,187	\$13,350	\$13,380	\$13,691	\$14,095

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Starting Rate Base
(\$000)

Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990
1	Carrier Property in Service	WorkPaper 2, Line 4	\$441,586							
2	Land	WorkPaper 2, Line 8	\$1,468							
3	Right of Way ("ROW")	WorkPaper 1, Ln. 5	\$12,080							
4	Carrier Property excluding Land and ROW	Lines (1 - 2 - 3)	\$428,038							
5	Accumulated Depreciation	WorkPaper 2, Line 12	\$210,117							
6	Accumulated Depreciation of ROW	WorkPaper 1, Ln. 6	\$5,464							
7	Accumulated Depreciation excluding ROW	Lines (5 - 6)	\$204,653							
8	Carrier Property - Percent Depreciated	Lines (7 / 4)	47.81%							
9	Cost of Reproduction New ("CRN")	WorkPaper 1, Ln. 27	\$1,193,913							
10	CRN Depreciation	Lines (8 * 9)	\$570,833							
11	Net CRN	Lines (9 - 10)	\$623,080							
12	Equity Ratio at June 30, 1985	WorkPaper 1, Line 31	69.14%							
13	Equity Portion of Net CRN	Lines (11 * 12)	\$430,797							
14	Net Carrier Property excluding Land and ROW	Lines (4 - 7)	\$223,385							
15	Debt Ratio at June 30, 1985	1.0 - Line 12	30.86%							
16	Debt Portion of Net Carrier Property	Lines (14 * 15)	\$68,936							
17	SRB	Lines (13 + 16)	\$499,734							
18	SRB Write-Up	Lines (17 - 14)	\$276,349							
19	Remaining Life in Years at EOY 1983	WorkPaper 2, Line 15	16.89							
20	Amortization of SRB Write-Up	Lines (18 / 19)		\$16,363	\$16,363	\$16,363	\$16,363	\$16,363	\$16,363	\$16,363
21	Accumulated Amortization of SRB Write-Up	Prior Line 21 + Line 20		\$16,363	\$32,727	\$49,090	\$65,454	\$81,817	\$98,181	\$114,544
22	Unamortized SRB Write-Up	Lines (18 - 21)	\$276,349	\$259,986	\$243,622	\$227,259	\$210,896	\$194,532	\$178,169	\$161,805

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Starting Rate Base
(\$000)

Line No.	Description	Source	1991	1992	1993	1994	1995	1996	1997	1998
1	Carrier Property in Service	WorkPaper 2, Line 4								
2	Land	WorkPaper 2, Line 8								
3	Right of Way ("ROW")	WorkPaper 1, Ln. 5								
4	Carrier Property excluding Land and ROW	Lines (1 - 2 - 3)								
5	Accumulated Depreciation	WorkPaper 2, Line 12								
6	Accumulated Depreciation of ROW	WorkPaper 1, Ln. 6								
7	Accumulated Depreciation excluding ROW	Lines (5 - 6)								
8	Carrier Property - Percent Depreciated	Lines (7 / 4)								
9	Cost of Reproduction New ("CRN")	WorkPaper 1, Ln. 27								
10	CRN Depreciation	Lines (8 * 9)								
11	Net CRN	Lines (9 - 10)								
12	Equity Ratio at June 30, 1985	WorkPaper 1, Line 31								
13	Equity Portion of Net CRN	Lines (11 * 12)								
14	Net Carrier Property excluding Land and ROW	Lines (4 - 7)								
15	Debt Ratio at June 30, 1985	1.0 - Line 12								
16	Debt Portion of Net Carrier Property	Lines (14 * 15)								
17	SRB	Lines (13 + 16)								
18	SRB Write-Up	Lines (17 - 14)								
19	Remaining Life in Years at EOY 1983	WorkPaper 2, Line 15								
20	Amortization of SRB Write-Up	Lines (18 / 19)	\$16,363	\$16,363	\$16,363	\$16,363	\$16,363	\$16,363	\$16,363	\$16,363
21	Accumulated Amortization of SRB Write-Up	Prior Line 21 + Line 20	\$130,908	\$147,271	\$163,634	\$179,998	\$196,361	\$212,725	\$229,088	\$245,452
22	Unamortized SRB Write-Up	Lines (18 - 21)	\$145,442	\$129,078	\$112,715	\$96,351	\$79,988	\$63,625	\$47,261	\$30,898

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Starting Rate Base
(\$000)

Line No.	Description	Source	1999	2000	2001	2002	2003	2004	2005	2006
1	Carrier Property in Service	WorkPaper 2, Line 4								
2	Land	WorkPaper 2, Line 8								
3	Right of Way ("ROW")	WorkPaper 1, Ln. 5								
4	Carrier Property excluding Land and ROW	Lines (1 - 2 - 3)								
5	Accumulated Depreciation	WorkPaper 2, Line 12								
6	Accumulated Depreciation of ROW	WorkPaper 1, Ln. 6								
7	Accumulated Depreciation excluding ROW	Lines (5 - 6)								
8	Carrier Property - Percent Depreciated	Lines (7 / 4)								
9	Cost of Reproduction New ("CRN")	WorkPaper 1, Ln. 27								
10	CRN Depreciation	Lines (8 * 9)								
11	Net CRN	Lines (9 - 10)								
12	Equity Ratio at June 30, 1985	WorkPaper 1, Line 31								
13	Equity Portion of Net CRN	Lines (11 * 12)								
14	Net Carrier Property excluding Land and ROW	Lines (4 - 7)								
15	Debt Ratio at June 30, 1985	1.0 - Line 12								
16	Debt Portion of Net Carrier Property	Lines (14 * 15)								
17	SRB	Lines (13 + 16)								
18	SRB Write-Up	Lines (17 - 14)								
19	Remaining Life in Years at EOY 1983	WorkPaper 2, Line 15								
20	Amortization of SRB Write-Up	Lines (18 / 19)	\$16,363	\$14,534	\$0	\$0	\$0	\$0	\$0	\$0
21	Accumulated Amortization of SRB Write-Up	Prior Line 21 + Line 20	\$261,815	\$276,349	\$276,349	\$276,349	\$276,349	\$276,349	\$276,349	\$276,349
22	Unamortized SRB Write-Up	Lines (18 - 21)	\$14,534	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Accumulated Deferred Income Taxes
(\$000)

WorkPaper 5
Page 1 of 2

Pre-MLP

Line No.	Description	Source	1983	1984	1985	1986	1987	1988	1989	1990	1991
1	Depreciation Expense	WorkPaper 2, Line 9		\$14,140	\$14,318	\$14,900	\$16,333	\$16,966	\$17,594	\$17,051	\$17,521
2	Amortization of Debt AFUDC	Statement F2, Line 10		\$1	\$2	\$2	\$4	\$5	\$8	\$9	\$15
3	Depreciation Expense including Amortization of Debt AFUDC	Lines (1 + 2)		\$14,140	\$14,320	\$14,902	\$16,336	\$16,971	\$17,602	\$17,060	\$17,537
4	State Tax Depreciation	WorkPaper 7, Line 11	\$230,001	\$497	\$2,923	\$9,700	\$12,916	\$14,504	\$15,706	\$14,466	\$8,471
5	State Tax Timing Differences	Lines (4 - 3)	\$230,001	(\$13,643)	(\$11,397)	(\$5,201)	(\$3,420)	(\$2,467)	(\$1,896)	(\$2,595)	(\$9,066)
6	State Income Tax Rate	WorkPaper 1, Line 37	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%	6.30%
7	State Deferred Income Tax Provision	Lines (5 * 6)	\$14,490	(\$860)	(\$718)	(\$328)	(\$215)	(\$155)	(\$119)	(\$163)	(\$571)
8	State ADIT	Cumulative Line 7	\$14,490	\$13,631	\$12,913	\$12,585	\$12,369	\$12,214	\$12,095	\$11,931	\$11,360
9	Federal Tax Depreciation	WorkPaper 7, Line 17	\$230,001	\$497	\$2,923	\$9,700	\$12,916	\$14,504	\$15,706	\$14,466	\$8,471
10	Tax Effect of State Timing Differences	Line 7	\$14,490	(\$860)	(\$718)	(\$328)	(\$215)	(\$155)	(\$119)	(\$163)	(\$571)
11	Federal Tax Timing Difference	Lines (9 - 10 - 3)	\$215,511	(\$12,784)	(\$10,679)	(\$4,874)	(\$3,205)	(\$2,311)	(\$1,776)	(\$2,431)	(\$8,494)
12	Federal Income Tax Rate	WorkPaper 1, Line 36	46.00%	46.00%	46.00%	46.00%	40.00%	34.00%	34.00%	34.00%	34.00%
13	Federal Deferred Income Tax Provision	Lines (11 * 12)	\$99,135	(\$5,880)	(\$4,912)	(\$2,242)	(\$1,282)	(\$786)	(\$604)	(\$827)	(\$2,888)
14	Federal ADIT	Cumulative Line 13	\$99,135	\$93,254	\$88,342	\$86,100	\$84,818	\$84,032	\$83,428	\$82,602	\$79,714
15	Total State and Federal ADIT	Lines (8 + 14)	\$113,625	\$106,885	\$101,255	\$98,685	\$97,188	\$96,246	\$95,523	\$94,533	\$91,074

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Accumulated Deferred Income Taxes
(\$000)

WorkPaper 5
Page 2 of 2

Post-MLP

Line No.	Description	Source	2018	2019	1Q 2020	Base Period	Test Period
1	Depreciation Expense	WorkPaper 2, Line 9		\$74,224	\$19,144	\$82,523	\$100,447
2	Amortization of Debt AFUDC	Statement F2, Line 10		\$2,457	\$654	\$2,918	\$3,515
3	Depreciation Expense including Amortization of Debt AFUDC	Lines (1 + 2)		\$76,680	\$19,798	\$85,441	\$103,962
4	State Tax Depreciation	WorkPaper 7, Line 11		\$98,654	\$47,057	\$187,953	\$186,191
5	State Tax Timing Differences	Lines (4 - 3)		\$21,974	\$27,260	\$102,512	\$82,230
6	State Income Tax Rate	WorkPaper 1, Line 37		6.30%	6.42%	6.42%	6.42%
7	State Deferred Income Tax Provision	Lines (5 * 6)		\$1,384	\$1,751	\$6,584	\$5,281
8	State ADIT	Cumulative Line 7	\$0	\$1,384	\$3,135	\$9,719	\$15,000
9	Federal Tax Depreciation	WorkPaper 7, Line 17		\$233,683	\$47,416	\$271,641	\$530,610
10	Tax Effect of State Timing Differences	Line 7		\$1,384	\$1,751	\$6,584	\$5,281
11	Federal Tax Timing Difference	Lines (9 - 10 - 3)		\$155,618	\$25,868	\$179,617	\$421,367
12	Federal Income Tax Rate	WorkPaper 1, Line 36		21.00%	21.00%	21.00%	21.00%
13	Federal Deferred Income Tax Provision	Lines (11 * 12)		\$32,680	\$5,432	\$37,719	\$88,487
14	Federal ADIT	Cumulative Line 13	\$0	\$32,680	\$38,112	\$75,832	\$164,319
15	Total State and Federal ADIT	Lines (8 + 14)	\$0	\$34,064	\$41,247	\$85,550	\$179,319

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Tax Depreciation 1984 - 1991 (pre-MLP)
(\$000)

Line	Description		1983	1984	1985	1986	1987	1988	1989	1990	1991
1	Tax Depreciation Factors - ACRS (1983-1986)	WorkPaper 1, Line 38		15.00%	22.00%	21.00%	21.00%	21.00%	0.00%	0.00%	0.00%
2	Tax Depreciation Factors - MACRS (1987-1991)	WorkPaper 1, Line 39		5.00%	9.50%	8.55%	7.70%	6.93%	6.23%	5.90%	5.90%
3	Pre-1984 Net Book Value	WorkPaper 2, Lines (4 - 8 - 12)	\$230,001								
4	Net Depreciable Property Additions	WorkPaper 2, Lines (1 + 2 + 3 - 5 - 6 - 7 - 10 - 11)		\$3,279	\$14,593	\$38,558	\$13,184	\$27,521	\$15,568	\$29,973	\$24,456
5	Debt AFUDC Additions	Statement F2, Line 7		\$35	\$32	\$22	\$41	\$61	\$76	\$52	\$363
6	Tax Depreciation Base	Sum Lines (3 to 5)	\$230,001	\$3,315	\$14,625	\$38,579	\$13,225	\$27,582	\$15,645	\$30,025	\$24,819
<u>State Tax Depreciation</u>											
7	State Tax Depreciation of Pre-1984 Property	1983 Line 6	230,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	State Tax Depreciation of 1984 Property	Lines (1 * Vintage 6)		\$497	\$729	\$696	\$696	\$696	\$0	\$0	\$0
9	State Tax Depreciation of 1985 Property	Lines (1 * Vintage 6)			\$2,194	\$3,218	\$3,071	\$3,071	\$3,071	\$0	\$0
10	State Tax Depreciation of 1986 Property	Lines (1 * Vintage 6)				\$5,787	\$8,487	\$8,102	\$8,102	\$8,102	\$0
11	State Tax Depreciation of 1987 Property	Lines (2 * Vintage 6)					\$661	\$1,256	\$1,131	\$1,018	\$916
12	State Tax Depreciation of 1988 Property	Lines (2 * Vintage 6)						\$1,379	\$2,620	\$2,358	\$2,124
13	State Tax Depreciation of 1989 Property	Lines (2 * Vintage 6)							\$782	\$1,486	\$1,338
14	State Tax Depreciation of 1990 Property	Lines (2 * Vintage 6)								\$1,501	\$2,852
15	State Tax Depreciation of 1991 Property	Lines (2 * Vintage 6)									\$1,241
16	State Tax Depreciation Total	Sum Lines (7 to 15)	\$230,001	\$497	\$2,923	\$9,700	\$12,916	\$14,504	\$15,706	\$14,466	\$8,471
<u>Federal Tax Depreciation</u>											
17	Federal Tax Depreciation of Pre-1984 Property	1983 Line 6	\$230,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Federal Tax Depreciation of 1984 Property	Lines (1 * Vintage 6)		\$497	\$729	\$696	\$696	\$696	\$0	\$0	\$0
19	Federal Tax Depreciation of 1985 Property	Lines (1 * Vintage 6)			\$2,194	\$3,218	\$3,071	\$3,071	\$3,071	\$0	\$0
20	Federal Tax Depreciation of 1986 Property	Lines (1 * Vintage 6)				\$5,787	\$8,487	\$8,102	\$8,102	\$8,102	\$0
21	Federal Tax Depreciation of 1987 Property	Lines (2 * Vintage 6)					\$661	\$1,256	\$1,131	\$1,018	\$916
22	Federal Tax Depreciation of 1988 Property	Lines (2 * Vintage 6)						\$1,379	\$2,620	\$2,358	\$2,124
23	Federal Tax Depreciation of 1989 Property	Lines (2 * Vintage 6)							\$782	\$1,486	\$1,338
24	Federal Tax Depreciation of 1990 Property	Lines (2 * Vintage 6)								\$1,501	\$2,852
25	Federal Tax Depreciation of 1991 Property	Lines (2 * Vintage 6)									\$1,241
26	Federal Tax Depreciation Total	Sum Lines (17 to 25)	\$230,001	\$497	\$2,923	\$9,700	\$12,916	\$14,504	\$15,706	\$14,466	\$8,471

Enbridge Energy, LP
2021 COS Base System Rate Filing Schedules
Tax Depreciation 2019 forward (post-MLP)
(\$000)

Line No.	Description	Source	2018	2019	1Q 2020	Base Period	Test Period
1	Pre-2019 Net Book Value	WorkPaper 2, Lines (4 - 8 - 12)	\$1,762,265				
2	Pre-2019 Net AFUDC	Statement F2, Line 12	\$68,684				
3	2019 Forward Net Depreciable Property Additions	WorkPaper 2, Lines (1 + 2 + 3 - 5 - 6 - 7 - 10 - 11)		\$134,607	\$2,075	\$93,401	\$371,995
4	2019 Forward Debt AFUDC Additions	Statement F2, Line 7		\$7,528	\$1,856	\$8,649	\$5,960
5	State Tax Depreciation Factors - MACRS	WorkPaper 1, Line 39		5.00%	2.38%	9.26%	8.34%
6	State Tax Depreciation of Pre-2019 Property	Lines (5 * Pre-2019 (1 + 2))		\$91,547	\$43,485	\$169,592	\$152,655
7	State Tax Depreciation of 2019 Property Additions	Lines (5 * Vintage (3 + 4))		\$7,107	\$3,376	\$13,165	\$11,851
8	State Tax Depreciation of Property Additions 1Q 2020	Lines (5 * Vintage (3 + 4))			\$197	\$93	\$364
9	State Tax Depreciation of Property Additions 2Q 2020 to 1Q 2021	Lines (5 * Vintage (3 + 4))				\$5,102	\$2,424
10	State Tax Depreciation of Property Additions 2Q 2021 to 1Q 2022	Lines (5 * Vintage (3 + 4))					\$18,898
11	Total State Tax Depreciation	Sum Lines (6 to 10)		\$98,654	\$47,057	\$187,953	\$186,191
12	Federal Tax Depreciation Factors - MACRS	WorkPaper 1, Line 39		5.00%	2.38%	9.26%	8.34%
13	Federal Tax Depreciation Factors - Bonus	Company Data		100.00%			
14	Federal Tax Depreciation of Pre-2019 Property	Lines (12 * Pre-2019 (1 + 2))		\$91,547	\$43,485	\$169,592	\$152,655
15	Federal Tax Depreciation of 2019 Property Additions	Lines (13 * Vintage (3 + 4))		\$142,135			
16	Federal Tax Depreciation of Property Additions 1Q 2020	Lines (13 * Vintage (3 + 4))			\$3,931		
17	Federal Tax Depreciation of Property Additions 2Q 2020 to 1Q 2021	Lines (13 * Vintage (3 + 4))				\$102,050	
16	Federal Tax Depreciation of Property Additions 2Q 2021 to 1Q 2022	Lines (13 * Vintage (3 + 4))					\$377,955
17	Total Federal Tax Depreciation	Sum Lines (14 to 16)		\$233,683	\$47,416	\$271,641	\$530,610



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX E

**REVENUE REQUIREMENT CALCULATION
FOR FACILITIES SURCHARGE**

Enbridge Energy, LP
Revenue Requirement, Adjustments, and Unit Transmission Rate
Set Forth in FERC No. 43.40.0
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 2020</u>	<u>Actual 2020</u>	<u>Projected 2021</u>
FS Projects: 1, 3, 4, 6-8, 13-17					
1	Return on Rate Base	Input	39,476	41,730	46,396
2	Income Taxes	Input	11,786	12,829	15,046
3	Amortization of Deferred Earnings	Input	1,759	1,633	1,913
4	Depreciation	Input	21,367	21,367	22,104
5	Amortization of Allowance of Funds Used During Construction (AFUDC)	Input	504	504	526
6	Operating Costs	Input	7,466	7,406	7,466
7	Subtotal	Sum Lns. (1 - 6)	<u>82,357</u>	<u>85,468</u>	<u>93,451</u>
FS Projects: 5, 12, 18-26					
8	Southern Access Mainline Expansion (Project 5)	Pg. 3, Sch. 8, Ln. 4	222,340	201,338	187,100
9	Alberta Clipper (Project 12)	Pg. 4, Sch. 2, Ln. 7	222,627	209,866	211,068
10	Eastern Access Mainline Expansion Phase 1 and 2 (Projects 18, 19)	Pg. 7, Sch. 8, Ln. 5	248,995	267,211	316,473
11	2014 - 2016 Mainline Expansions (Projects 20, 24)	Pg. 8, Sch. 2, Ln. 7	311,404	315,655	406,026
12	Line 14 (Project 21)	Pg. 11, Sch. 8, Ln. 6	35,630	29,266	(8,515)
13	Agreed-Upon Legacy Integrity (Projects 22)	Pg. 12, Sch. 2, Ln. 7	41,366	42,859	45,861
14	Agreed-Upon Future Integrity (Project 23)	Pg. 14, Sch. 2, Ln. 7	48,969	50,229	58,535
15	Interim Lakehead Operational Tank Service (Project 25)	Input	18,000	18,000	8,926
16	Revenue Credit	Input, Note 1	<u>(330,392)</u>	<u>(287,034)</u>	<u>(383,259)</u>
17	Subtotal	Sum Lns. (8 - 16)	<u>818,938</u>	<u>847,390</u>	<u>842,214</u>
18	Total FS Revenue Requirement	Sum Lns. (7 & 17)	<u>901,294</u>	<u>932,858</u>	<u>935,665</u>

Schedule 2 (Adjustments to FS Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2020</u>	<u>Actual 2020</u>	<u>Projected 2021</u>
1	Total FS Revenue Requirement	Sch. 1, Ln. 18	901,294	932,858	935,665
2	True-Up of (Over) / Under Collection of Previous Year's FS Revenue Requirement	Input	(6,006)	(6,006)	91,345
3	Interest on True-Up of (Over) / Under Collection of Previous Year's FS Revenue Requirement	Input * (Average Quarterly T-Bill Rate), Note 2	(354)	(354)	88
4	Interest on True-up of (Over) / Under Collection of Previous Year's ABC Revenue Requirement	Input * (Average Monthly 2018 BoC Bank Rate)	241	241	28
5	Total FS Adjusted Revenue Requirement	Sum Lns. (1 - 4)	895,175	926,738	1,027,125
6	Transmission FS Revenue Requirement - Adjusted For Annual Revenue Collection	Input, Note 3			1,077,136
7	Actual Revenue Collected	Input		<u>835,394</u>	

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

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>
1	Total System Deliveries [m3 per day]	Input	468,112
2	Light Crude Equivalent (LCE) [000 m3.miles per day]	Input	402,941
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	147,073,602
5	LCE Unit Transmission Rate [cents/100 m3.mile]	(Sch. 2, Ln. 6 / Sch. 3, Ln. 4) *10,000	73.237874

Notes

1. Revenue Credit includes Qualifying Volumes in accordance with the Alberta Clipper U.S. Term Sheet at paragraph 13 as well as the incremental revenue generated by incremental volumes associated with the Line 3 Replacement Canada Project (Q1 - Q3 2021) and the full Line 3 Replacement Project (Q4 2021).
2. The Average Quarterly U.S. T-Bill Rate is based on the following dates: (3/31/20, 06/30/20, 09/30/20, 12/31/20).
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. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Carrier Plant In Service (CPIS) Additions	Input, Note 1	1,854,490	1,848,109	1,848,109
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	12,701	12,468	12,701
3	Operating Expenses (Power)	Input, Note 2	82,548	67,358	72,907
4	Operating Expenses (Other)	Input	19,286	12,717	18,829

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	100,715	100,114	92,101
2	Income Tax Allowance	Sch. 6, Ln. 7	29,861	29,566	28,455
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	114,535	92,542	104,437
4	Depreciation of Assets	Input	61,272	61,143	61,143
5	Depreciation on AFUDC	Input	3,136	3,128	3,128
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	6,313	6,050	6,476
7	Total Revenue Requirement	Sum Lns. (1 - 6)	315,832	292,544	295,740

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIS Additions	Input	1,854,490	1,848,109	1,848,109
2	Accumulated Depreciation	Input	(722,495)	(722,436)	(783,579)
3	Net AFUDC	Input	56,688	56,283	53,155
4	Accumulated Deferred Income Tax (ADIT)	Sch. 7, Ln. - (11)	(8,679)	(7,740)	(20,884)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,180,004	1,174,216	1,096,801

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-Beginning of the Year (BOY)	Previous Year Ln. 4	135,708	135,708	139,321
2	Annual Deferred Earnings	Input	17,589	9,663	12,795
3	Amortization of Deferred Earnings	Input	(6,313)	(6,050)	(6,476)
4	Deferred Earnings-End of Year (EOY)	Sum Lns. (1 - 3)	146,984	139,321	145,640
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	141,346	137,515	142,481

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	790,348	783,334	745,722
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	531,002	528,397	493,561
3	Total Rate Base - Average	Sum Lns. (1 - 2)	1,321,350	1,311,731	1,239,282
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	59.8%	59.7%	60.2%
5	Adjusted Debt Ratio	1 - Ln. 4	40.2%	40.3%	39.8%
6	Cost of Equity (Real)	Input	9.0%	9.0%	9.0%
7	Cost of Debt	Input	5.6%	5.6%	5.1%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.6%	7.6%	7.4%
9	Total Return on Rate Base	Lns. 3 * 8	100,715	100,114	92,101
10	Interest Expense	Lns. - (2 * 7)	(29,701)	(29,614)	(24,986)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	71,015	70,500	67,115

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	71,015	70,500	67,115
2	Amortization of Allowance for Equity During Construction (AEDC)	Input	2,191	2,185	2,185
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	6,313	6,050	6,476
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	79,519	78,735	75,776
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	29,861	29,566	28,455

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	123,044	116,034	104,431
2	Depreciation	Sch. 2, Ln. 4	61,272	61,143	61,143
3	AIDC Amortization	Input	945	943	943
4	Difference	Ln. 1 - Lns. (2 - 3)	60,827	53,948	42,344
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	16,606	14,728	11,560
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	16,606	14,728	11,560
9	Previous ADIT	Input	376	376	15,104
10	Year End ADIT	Sum Lns. (8 - 9)	16,982	15,104	26,664
11	Average ADIT	Average Lns. 9 and 10	8,679	7,740	20,884

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Total Revenue Requirement	Sch. 2, Ln. 7	315,832	292,544	295,740
2	50% of Qualifying Volume Credits	Input	(86,879)	(86,619)	(101,239)
3	Tankage Credits	Input	(6,613)	(4,587)	(7,401)
4	Total Revenue Requirement - Adjusted	Sum Lns. (1, 2 and 3)	222,340	201,338	187,100

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.

Enbridge Energy, LP
Revenue Requirement Calculation for Alberta Clipper (Project 12)
Set Forth in FERC No. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIs Additions	Input, Note 1	1,203,532	1,203,532	1,204,301
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input, Note 2	15,248	15,239	18,014
3	Operating Expenses (Power)	Input, Note 3	80,040	59,886	60,196
4	Operating Expenses (Other)	Input, Note 2	16,313	16,304	14,154

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	57,708	63,290	55,521
2	Income Tax Allowance	Sch. 6, Ln. 7	15,895	17,881	16,270
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	111,601	91,429	92,364
4	Depreciation of Assets	Input	32,658	32,658	40,837
5	Depreciation on AFUDC	Input	1,584	1,584	1,980
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	3,179	3,023	4,096
7	Total Revenue Requirement	Sum Lns. (1 - 6)	222,627	209,866	211,068

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIs Additions	Input	1,203,532	1,203,532	1,204,301
2	Accumulated Depreciation	Input	(370,682)	(370,682)	(407,430)
3	Net AFUDC	Input	39,974	39,974	38,192
4	ADIT	Sch. 7, Ln. - (11)	(10,496)	(10,496)	(22,454)
5	Working Capital	Input	9,008	8,167	7,576
6	Average Rate Base	Sum Lns. (1 - 5)	871,336	870,495	820,184

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-BOY	Previous Year Ln. 4	87,596	87,596	91,583
2	Annual Deferred Earnings	Input	12,742	7,011	9,357
3	Amortization of Deferred Earnings	Input	(3,179)	(3,023)	(4,096)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	97,158	91,583	96,844
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	92,377	89,589	94,213

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	571,612	568,362	545,315
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	392,101	391,723	369,083
3	Total Rate Base - Average	Sum Lns. (1 - 2)	963,713	960,085	914,398
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	59.3%	59.2%	59.6%
5	Adjusted Debt Ratio	1 - Ln. 4	40.7%	40.8%	40.4%
6	Cost of Equity (Real)	Input	6.7%	7.6%	6.9%
7	Cost of Debt	Input	5.0%	5.1%	4.8%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	6.0%	6.6%	6.1%
9	Total Return on Rate Base	Lns. 3 * 8	57,708	63,290	55,521
10	Interest Expense	Lns. - (2 * 7)	(19,691)	(19,831)	(17,708)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	38,017	43,459	37,813

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	38,017	43,459	37,813
2	Amortization of AEDC	Input	1,133	1,133	1,416
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	3,179	3,023	4,096
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	42,330	47,616	43,326
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	15,895	17,881	16,270

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	85,587	85,587	76,523
2	Depreciation	Sch. 2, Ln. 4	32,658	32,658	40,837
3	AIDC Amortization	Input	451	451	563
4	Difference	Ln. 1 - Lns. (2 - 3)	52,478	52,478	35,123
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	14,327	14,327	9,588
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	14,327	14,327	9,588
9	Previous ADIT	Input	3,333	3,333	17,660
10	Year End ADIT	Sum Lns. (8 - 9)	17,660	17,660	27,248
11	Average ADIT	Average Lns. 9 and 10	10,496	10,496	22,454

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.

Enbridge Energy, LP
Revenue Requirement Calculation for Eastern Access Mainline Expansion Phase 1 and 2 (Projects 18, 19)
Set Forth in FERC No. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIs Additions	Input, Note 1	2,140,692	2,141,969	2,142,142
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	34,801	34,481	34,801
3	Operating Expenses (Power)	Input	8,490	1,298	7,446
4	Operating Expenses (Other)	Input	27,210	27,156	29,596

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	148,405	158,741	171,881
2	Income Tax Allowance	Sch. 6, Ln. 7	41,101	44,842	53,128
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	70,501	62,935	71,843
4	Depreciation of Assets	Input	68,124	68,168	85,284
5	Depreciation on AFUDC	Input	3,278	3,278	4,101
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	3,910	3,564	5,167
7	Total Revenue Requirement	Sum Lns. (1 - 6)	335,320	341,529	391,403

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIs Additions	Input	2,140,692	2,141,969	2,142,142
2	Accumulated Depreciation	Input	(413,649)	(413,670)	(490,397)
3	Net AFUDC	Input	82,541	82,541	78,851
4	ADIT	Sch. 7, Ln. - (11)	(20,459)	(20,651)	(45,252)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,789,125	1,790,188	1,685,344

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-BOY	Previous Year Ln. 4	90,660	90,660	100,421
2	Annual Deferred Earnings	Input	24,182	13,324	17,736
3	Amortization of Deferred Earnings	Input	(3,910)	(3,564)	(5,167)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	110,932	100,421	112,990
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	100,796	95,540	106,705

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	1,084,815	1,080,144	1,033,644
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	805,106	805,585	758,405
3	Total Rate Base - Average	Sum Lns. (1-2)	1,889,921	1,885,729	1,792,049
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.4%	57.3%	57.7%
5	Adjusted Debt Ratio	1 - Ln. 4	42.6%	42.7%	42.3%
6	Cost of Equity (Real)	Input	9.5%	10.5%	12.9%
7	Cost of Debt	Input	5.6%	5.6%	5.1%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.9%	8.4%	9.6%
9	Total Return on Rate Base	Input	148,405	158,741	171,881
10	Interest Expense	Input	(45,122)	(45,149)	(38,394)
11	Equity Return on Rate Base	Sum Lns. (9-10)	103,283	113,592	133,487

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	103,283	113,592	133,487
2	Amortization of AEDC	Input	2,259	2,259	2,826
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	3,910	3,564	5,167
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	109,453	119,415	141,479
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	41,101	44,842	53,128

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	176,065	177,515	158,458
2	Depreciation	Sch. 2, Ln. 4	68,124	68,168	85,284
3	AIDC Amortization	Input	1,020	1,020	1,275
4	Difference	Ln. 1 Minus Lns. (2 - 3)	106,921	108,327	71,899
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	29,190	29,573	19,628
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	29,190	29,573	19,628
9	Previous ADIT	Input	5,864	5,864	35,438
10	Year end ADIT	Sum Lns. (8 - 9)	35,054	35,438	55,066
11	Average ADIT	Average Lns. 9 and 10	20,459	20,651	45,252

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Total Revenue Requirement	Sch. 2, Ln. 7	335,320	341,529	391,403
2	Index Revenue Credits	Input	(26,771)	(11,629)	(35,167)
3	Capital Cost Risk Sharing	Input	(23,420)	(24,713)	(14,158)
4	Line 6B Integrity Credits	Input	(36,134)	(37,975)	(25,605)
5	Total Revenue Requirement - Adjusted	Sum Lns. (1 - 4)	248,995	267,211	316,473

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.

Enbridge Energy, LP
Revenue Requirement Calculation for 2014 - 2016 Mainline Expansions (Projects 20, 24)
Set Forth in FERC No. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIs Additions	Input, Note 1	2,043,333	2,009,208	2,225,704
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	22,927	20,793	22,927
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	34,076	31,830	33,221

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	139,599	146,004	185,815
2	Income Tax Allowance	Sch. 6, Ln. 7	40,629	43,914	59,890
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	57,003	52,623	56,148
4	Depreciation of Assets	Input	66,937	66,277	92,124
5	Depreciation on AFUDC	Input	3,770	3,729	7,294
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	3,466	3,109	4,755
7	Total Revenue Requirement	Sum Lns. (1 - 6)	311,404	315,655	406,026

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIs Additions	Input	2,043,333	2,009,208	2,225,704
2	Accumulated Depreciation	Input	(305,702)	(305,396)	(391,376)
3	Net AFUDC	Input	97,633	95,826	153,278
4	ADIT	Sch. 7, Ln. - (11)	(26,030)	(20,998)	(51,687)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,809,234	1,778,640	1,935,919

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-BOY	Previous Year Ln. 4	75,604	75,604	87,357
2	Annual Deferred Earnings	Input	23,933	13,062	19,887
3	Amortization of Deferred Earnings	Input	(3,466)	(3,109)	(4,755)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	96,071	85,556	102,489
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	85,837	80,580	94,923

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	1,080,916	1,058,833	1,159,679
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	814,155	800,388	871,164
3	Total Rate Base - Average	Sum Lns. (1-2)	1,895,071	1,859,221	2,030,843
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.0%	57.0%	57.1%
5	Adjusted Debt Ratio	1 - Ln. 4	43.0%	43.0%	42.9%
6	Cost of Equity (Real)	Input	9.5%	10.5%	12.9%
7	Cost of Debt	Input	4.6%	4.3%	4.1%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.4%	7.9%	9.2%
9	Total Return on Rate Base	Input	139,599	146,004	185,815
10	Interest Expense	Input	(37,380)	(34,652)	(36,133)
11	Equity Return on Rate Base	Sum Lns. (9-10)	102,219	111,351	149,681

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	102,219	111,351	149,681
2	Amortization of AEDC	Input	2,511	2,482	5,051
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	3,466	3,109	4,755
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	108,196	116,942	159,488
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	40,629	43,914	59,890

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	212,461	174,926	206,409
2	Depreciation	Sch. 2, Ln. 4	66,937	66,277	92,124
3	AIDC Amortization	Input	1,259	1,247	2,243
4	Difference	Ln. 1 Minus Lns. (2 - 3)	144,266	107,403	112,042
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4* Ln. 5	39,385	29,321	30,587
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	39,385	29,321	30,587
9	Previous ADIT	Input	6,337	6,337	36,394
10	Year End ADIT	Sum Lns. (8 - 9)	45,722	35,658	66,981
11	Average ADIT	Average Lns. 9 and 10	26,030	20,998	51,687

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.

Enbridge Energy, LP
Revenue Requirement Calculation for Line 14 (Project 21)
Set Forth in FERC No. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIS Additions	Input, Note 1	661,710	657,863	661,579
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	389	353	389
3	Operating Expenses (Power)	Input	(4,500)	(4,500)	(4,500)
4	Operating Expenses (Other)	Input	14,685	10,586	11,815

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	10,768	11,222	11,369
2	Income Tax Allowance	Sch. 6, Ln. 7	5,891	6,073	3,637
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	10,574	6,439	7,704
4	Depreciation of Assets	Input	31,016	30,883	6,633
5	Depreciation on AFUDC	Input	425	425	7
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	7,314	7,125	517
7	Total Revenue Requirement	Sum Lns. (1 - 6)	65,988	62,167	29,866

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIS Additions	Input	661,710	657,863	661,579
2	Accumulated Depreciation	Input	(531,976)	(531,941)	(550,677)
3	Net AFUDC	Input	329	330	142
4	ADIT	Sch. 7, Ln. - (11)	5,207	6,912	6,934
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	135,270	133,163	117,978

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-BOY	Input	11,856	11,856	5,744
2	Annual Deferred Earnings	Input	1,862	1,012	1,218
3	Amortization of Deferred Earnings	Input	(7,314)	(7,125)	(517)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	6,404	5,744	6,444
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	9,130	8,800	6,094

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	83,529	82,040	70,982
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	60,871	59,924	53,090
3	Total Rate Base - Average	Sum Lns. (1 - 2)	144,400	141,963	124,072
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.8%	57.8%	57.2%
5	Adjusted Debt Ratio	1 - Ln. 4	42.2%	42.2%	42.8%
6	Cost of Equity (Real)	Input	9.5%	10.5%	12.9%
7	Cost of Debt	Input	4.6%	4.3%	4.1%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.5%	7.9%	9.2%
9	Total Return on Rate Base	Input	10,768	11,222	11,369
10	Interest Expense	Input	(2,815)	(2,594)	(2,202)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	7,953	8,628	9,167

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	7,953	8,628	9,167
2	Amortization of AEDC	Input	420	420	1
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	7,314	7,125	517
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	15,687	16,173	9,685
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	5,891	6,073	3,637

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	29,221	16,597	20,764
2	Depreciation	Sch. 2, Ln. 4,	31,016	30,883	6,633
3	AIDC Amortization	Input	4	4	6
4	Difference	Ln. 1 - Ln. 2	(1,799)	(14,290)	14,125
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	(491)	(3,901)	3,856
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	(491)	(3,901)	3,856
9	Previous ADIT	Input	(4,961)	(4,961)	(8,862)
10	Year End ADIT	Sum Lns. (8 - 9)	(5,452)	(8,862)	(5,006)
11	Average ADIT	Average Lns. 9 and 10	(5,207)	(6,912)	(6,934)

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Total Revenue Requirement	Sch. 2, Ln. 7	65,988	62,167	29,866
2	Index Revenue Credits	Input	(38,796)	(38,786)	(44,913)
3	\$30 mm Credit	Input	(635)	(635)	12
4	Line 1/13 Swap for Terrace	Input	5,104	4,950	4,950
5	350 Centistoke (Reference Temperature Increase)	Input	3,968	1,570	1,570
6	Total Revenue Requirement - Adjusted	Sum Lns. (1 - 5)	35,630	29,266	(8,515)

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.

Enbridge Energy, LP
Revenue Requirement Calculation for Agreed-Upon Legacy Integrity (Project 22)
Set Forth in FERC No. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
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 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	19,093	20,185	22,066
2	Income Tax Allowance	Sch. 6, Ln. 7	5,810	6,303	7,266
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)	1,295	1,202	1,361
7	Total Revenue Requirement	Sum Lns. (1 - 6)	41,366	42,859	45,861

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIS Additions	Input	370,503	370,503	370,503
2	Accumulated Depreciation	Input	(135,815)	(135,815)	(150,956)
3	Net AFUDC	Input	416	416	389
4	ADIT	Sch. 7, Ln. - (11)	1,852	1,852	(611)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	236,957	236,957	219,326

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-BOY	Previous Yr, Ln. 4	17,405	17,405	18,030
2	Annual Deferred Earnings	Input	3,316	1,826	2,388
3	Amortization of Deferred Earnings	Input	(1,295)	(1,202)	(1,361)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	19,426	18,030	19,056
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	18,416	17,717	18,543

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	148,742	148,044	139,172
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	106,631	106,631	98,697
3	Total Rate Base - Average	Sum Lns. (1 - 2)	255,373	254,675	237,869
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	58.2%	58.1%	58.5%
5	Adjusted Debt Ratio	1 - Ln. 4	41.8%	41.9%	41.5%
6	Cost of Equity (Real)	Input	9.5%	10.5%	12.9%
7	Cost of Debt	Input	4.6%	4.3%	4.1%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.5%	7.9%	9.3%
9	Total Return on Rate Base	Lns. 3 * 8	19,093	20,185	22,066
10	Interest Expense	Lns. - (2 * 7)	(4,932)	(4,617)	(4,093)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	14,161	15,569	17,973

Schedule 6 (Income Tax Allowance)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	14,161	15,569	17,973
2	Amortization of AEDC	Input	15	15	15
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	1,295	1,202	1,361
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	15,471	16,786	19,349
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	5,810	6,303	7,266

Schedule 7 (ADIT)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	25,451	25,451	22,901
2	Depreciation	Sch. 2, Ln. 4,	15,141	15,141	15,141
3	AIDC Amortization	Input	12	12	12
4	Difference	Ln. 1 - Lns (2 - 3)	10,298	10,298	7,748
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	2,811	2,811	2,115
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	2,811	2,811	2,115
9	Previous ADIT	Input	(3,258)	(3,258)	(446)
10	Year End ADIT	Sum Lns. (8 - 9)	(446)	(446)	1,669
11	Average ADIT	Average Lns. 9 and 10	(1,852)	(1,852)	611

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.

Enbridge Energy, LP
Revenue Requirement Calculation for Agreed-Upon Future Integrity (Project 23)
Set Forth in FERC No. 43.40.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIS Additions	Input, Note 1	352,535	352,535	352,535
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input	7,376	6,800	7,195
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	-	-	-

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Overall Return on Rate Base	Sch. 5, Ln. 9	23,214	24,496	27,187
2	Income Tax Allowance	Sch. 6, Ln. 7	6,558	7,168	8,493
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	7,376	6,800	7,195
4	Depreciation of Assets	Input	11,316	11,316	14,944
5	Depreciation on AFUDC	Input	-	-	-
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	506	448	715
7	Total Revenue Requirement	Sum Lns. (1 - 6)	48,969	50,229	58,535

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	CPIS Additions	Input	352,535	352,535	352,535
2	Accumulated Depreciation	Input	(47,999)	(47,999)	(61,129)
3	Net AFUDC	Input	-	-	-
4	ADIT	Sch. 7, Ln. - (11)	(3,924)	(3,924)	(8,261)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	300,612	300,612	283,145

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Deferred Earnings-BOY	Previous Yr, Ln. 4	11,036	11,036	12,774
2	Annual Deferred Earnings	Input	3,970	2,186	2,910
3	Amortization of Deferred Earnings	Input	(506)	(448)	(715)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	14,501	12,774	14,969
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	12,769	11,905	13,872

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2020	Actual 2020	Projected 2021
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	178,105	177,242	169,602
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	135,276	135,276	127,415
3	Total Rate Base - Average	Sum Lns. (1 - 2)	313,381	312,518	297,017
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	56.8%	56.7%	57.1%
5	Adjusted Debt Ratio	1 - Ln. 4	43.2%	43.3%	42.9%
6	Cost of Equity (Real)	Input	9.5%	10.5%	12.9%
7	Cost of Debt	Input	4.6%	4.3%	4.1%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.4%	7.8%	9.2%
9	Total Return on Rate Base	Lns. 3 * 8	23,214	24,496	27,187
10	Interest Expense	Lns. - (2 * 7)	(6,256)	(5,857)	(5,284)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	16,957	18,640	21,903

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	Equity Return on Rate Base	Sch. 5, Ln. 11	16,957	18,640	21,903
2	Amortization of AEDC	Input	-	-	-
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	506	448	715
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	-	-
5	Total Taxable Return	Sum Lns. (1 - 4)	17,463	19,088	22,618
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.6%	37.6%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	6,558	7,168	8,493

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2020	Actual 2020	Projected 2021
1	MACRS Claim	Input	30,544	30,544	27,489
2	Depreciation	Sch. 2, Ln. 4	11,316	11,316	14,944
3	AIDC Amortization	Input	-	-	-
4	Difference	Ln. 1 - Ln. 2	19,227	19,227	12,545
5	Income Tax Rate	Input	27.3%	27.3%	27.3%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	5,249	5,249	3,425
7	Amortization of Over(Under) Funded ADIT	Input	-	-	-
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	5,249	5,249	3,425
9	Previous ADIT	Input	1,299	1,299	6,548
10	Year End ADIT	Sum Lns. (8 - 9)	6,548	6,548	9,973
11	Average ADIT	Average Lns. 9 and 10	3,924	3,924	8,261

Notes

1. CPIS Additions represent average cumulative gross plant for a calendar year.