



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, **[C]** and OR17-3-000 **[N]**, and OR21-9-000.

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

Issued on **[W]** ~~fourteen (14)~~ ~~ten (10)~~ days' notice under authority of 18 CFR 341.14. This tariff publication is conditionally accepted subject to refund pending a 30-day review period.

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

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

ISSUED: March 17, 2022

EFFECTIVE: April 1, 2022

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)	6.9513
	Rapid River, Michigan	(c), (g), (i)	11.3593
	International Boundary near Marysville, Michigan	(g), (i)	17.7299

[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)	3.6927
	Superior, Wisconsin	(c), (d), (i)	7.5887
	Lockport, Illinois	(c), (i)	16.5786
	Mokena, Illinois	(c), (i)	16.5786
	Flanagan, Illinois	(c), (e), (i)	16.5786
	Griffith, Indiana	(c), (e), (i)	16.5786
	Stockbridge, Michigan	(c), (i)	19.9428
	Marysville, Michigan	(c), (i)	19.9428
	International Boundary near Marysville, Michigan	(i)	19.6205
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (j)	[U] 1.7048
	Superior, Wisconsin	(c), (d), (i), (j)	5.6008
	Lockport, Illinois	(c), (i), (j)	14.5908
	Mokena, Illinois	(c), (i), (j)	14.5908
	Flanagan, Illinois	(c), (e), (i), (j)	14.5908
	Griffith, Indiana	(c),(e), (i), (j)	14.5908
	Stockbridge, Michigan	(c), (i), (j)	17.9550
	Marysville, Michigan	(c), (i), (j)	17.9550
	International Boundary near Marysville, Michigan	(i), (j)	17.6327
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	2.0582
	Stockbridge, Michigan	(c), (i)	5.1666
	Marysville, Michigan	(c), (i)	7.0749
	International Boundary near Marysville, Michigan	(i)	6.8117
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	[U] 1.5271
	Stockbridge, Michigan	(c), (i)	5.1666
	Marysville, Michigan	(c), (i)	7.0749
	International Boundary near Marysville, Michigan	(i)	6.8117
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	3.4354
	International Boundary near Marysville, Michigan	(i)	3.1722
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	5.1666
	International Boundary near Marysville, Michigan	(i)	4.8640

[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)	3.9052
	Superior, Wisconsin	(c), (d), (i)	8.0986
	Lockport, Illinois	(c), (i)	17.8220
	Mokena, Illinois	(c), (i)	17.8220
	Flanagan, Illinois	(c), (e), (i)	17.8220
	Griffith, Indiana	(c), (e), (i)	17.8220
	Stockbridge, Michigan	(c), (i)	21.4552
	Marysville, Michigan	(c), (i)	21.4552
	International Boundary near Marysville, Michigan	(i)	21.1329
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (j)	[U] 1.7048
	Superior, Wisconsin	(c), (d), (i), (j)	5.8983
	Lockport, Illinois	(c), (i), (j)	15.6217
	Mokena, Illinois	(c), (i), (j)	15.6217
	Flanagan, Illinois	(c), (e), (i), (j)	15.6217
	Griffith, Indiana	(c), (e), (i), (j)	15.6217
	Stockbridge, Michigan	(c), (i), (j)	19.2549
	Marysville, Michigan	(c), (i), (j)	19.2549
	International Boundary near Marysville, Michigan	(i), (j)	18.9327
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	2.1007
	Stockbridge, Michigan	(c), (i)	5.4578
	Marysville, Michigan	(c), (i)	7.5188
	International Boundary near Marysville, Michigan	(i)	7.2602
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	[U] 1.5271
	Stockbridge, Michigan	(c), (i)	5.4578
	Marysville, Michigan	(c), (i)	7.5188
	International Boundary near Marysville, Michigan	(i)	7.2602
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	3.5880
	International Boundary near Marysville, Michigan	(i)	3.3295
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	5.4578
	International Boundary near Marysville, Michigan	(i)	5.1567

[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)	4.2770
	Superior, Wisconsin	(c), (d), (i)	8.9910
	Lockport, Illinois	(c), (i)	19.9978
	Mokena, Illinois	(c), (i)	19.9978
	Flanagan, Illinois	(c), (e), (i)	19.9978
	Griffith, Indiana	(c), (e), (i)	19.9978
	Stockbridge, Michigan	(c), (i)	24.1020
	Marysville, Michigan	(c), (i)	24.1020
	International Boundary near Marysville, Michigan	(i)	23.7798
Clearbrook, Minnesota (a),(b)	Clearbrook, Minnesota	(c), (j)	[U] 1.7048
	Superior, Wisconsin	(c), (d), (i), (j)	6.4189
	Lockport, Illinois	(c), (i), (j)	17.4257
	Mokena, Illinois	(c), (i), (j)	17.4257
	Flanagan, Illinois	(c), (e), (i), (j)	17.4257
	Griffith, Indiana	(c), (e), (i), (j)	17.4257
	Stockbridge, Michigan	(c), (i), (j)	21.5299
	Marysville, Michigan	(c), (i), (j)	21.5299
	International Boundary near Marysville, Michigan	(i), (j)	21.2076
Mokena, Illinois (b)	Griffith, Indiana	(c), (e), (i)	2.1751
	Stockbridge, Michigan	(c), (i)	5.9673
	Marysville, Michigan	(c), (i)	8.2955
	International Boundary near Marysville, Michigan	(i)	8.0452
Griffith, Indiana (b),(h)	Griffith, Indiana	(c), (e)	[U] 1.5271
	Stockbridge, Michigan	(c), (i)	5.9673
	Marysville, Michigan	(c), (i)	8.2955
	International Boundary near Marysville, Michigan	(i)	8.0452
Stockbridge, Michigan (b)	Marysville, Michigan	(c), (i)	3.8552
	International Boundary near Marysville, Michigan	(i)	3.6050
Lewiston, Michigan (b),(f)	Marysville, Michigan	(c), (i)	5.9673
	International Boundary near Marysville, Michigan	(i)	5.6691

[U] All rates on this page are unchanged

- (a) **Receipt Tankage** - The transportation rates from this receiving point include a receipt tankage charge of \$0.1778 per cubic meter.
- (b) **Receipt Terminalling** - The transportation rates from this receiving point include a receipt terminalling charge of \$0.4903 per cubic meter.
- (c) **Delivery Terminalling** - The transportation rates to this delivery point include a delivery terminalling charge of \$0.3223 per cubic meter.
- (d) **Delivery Tankage** - The transportation rates to this delivery point include a delivery tankage charge of \$0.1778 per cubic meter.
- (e) In addition to the transportation rate shown, a delivery tankage charge of \$0.1778 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 3.8933 cents per hundred cubic meter miles for light crude petroleum, 4.2038 cents per hundred cubic meter miles for medium crude petroleum, and 4.6708 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 1.0573 cents per hundred cubic meter miles for natural gas liquids.
- (h) In addition to the transportation rate shown, a receipt tankage charge of \$0.1778 per cubic meter will be assessed if the Carrier's receipt tankage at Griffith, Indiana is used by the shipper.
- (i) **Facilities Surcharge** - The transportation rates to this delivery point include a Facilities Surcharge calculated in accordance with the Settlement approved in Federal Energy Regulatory Commission letter order dated June 30, 2004, in Docket No. OR04-2-000. The Facilities Surcharge has since been supplemented and approved by the Federal Energy Regulatory Commission to include the recovery of costs associated with additional projects.
- (j) **Clearbrook Nomination Option** - Shippers have the option to submit Nominations for transportation of Crude Petroleum on the Mainline to Clearbrook, Minnesota, without a physical delivery at Clearbrook, MN, provided that for each such Nomination a Shipper submits in a given month, (i) a transfer of the nominated volume has been arranged in accordance with the Rules and Regulations for transportation of Crude Petroleum and (ii) the transferee has submitted a Nomination of an equal volume of the same commodity from Clearbrook to a Regular Delivery Point that is at, or downstream of Clearbrook. In the event this option is selected, the transferor will pay the applicable tariff rate for service to Clearbrook under Enbridge Pipelines Inc. in connection with Enbridge Energy, Limited Partnership's International Joint Rate Tariff and the transferee will pay the applicable tariff rate for service from Clearbrook to the selected Regular Delivery Point under Enbridge Energy, Limited Partnership's Local Tariff. All aforementioned Nominations must be made in accordance with the Rules and Regulations for transportation of Crude Petroleum.

Symbols:**[C]** – Cancel**[I]** – Increase**[N]** – New**[U]** – Unchanged rate**[W]** – Change in wording only



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX A

WORKSHEET SUPPORTING RATES

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.44.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		FERC No. 43.42.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.44.0
Transportation Rates for NGL					
International Boundary near Neche, North Dakota	Superior, Wisconsin	5.9882	4.0132	2.9381	6.9513
	Rapid River, Michigan	9.6263	6.0725	5.2868	11.3593
	International Boundary near Marysville, Michigan	14.8733	9.0153	8.7146	17.7299
Transportation Rates for Light Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.2469	2.3325	1.3602	3.6927
	Superior, Wisconsin	6.5186	4.3241	3.2646	7.5887
	Lockport, Illinois	13.9694	8.6187	7.9599	16.5786
	Mokena, Illinois	13.9694	8.6187	7.9599	16.5786
	Flanagan, Illinois	13.9694	8.6187	7.9599	16.5786
	Griffith, Indiana	13.9694	8.6187	7.9599	16.5786
	Stockbridge, Michigan	16.7688	10.2599	9.6829	19.9428
	Marysville, Michigan	16.7688	10.2599	9.6829	19.9428
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	16.4465	9.9376	9.6829	19.6205
	Clearbrook, Minnesota	1.7048	1.7048	0.0000	1.7048
	Superior, Wisconsin	4.9766	3.6965	1.9043	5.6008
	Lockport, Illinois	12.4274	7.9911	6.5997	14.5908
	Mokena, Illinois	12.4274	7.9911	6.5997	14.5908
	Flanagan, Illinois	12.4274	7.9911	6.5997	14.5908
	Griffith, Indiana	12.4274	7.9911	6.5997	14.5908
	Stockbridge, Michigan	15.2268	9.6323	8.3227	17.9550
	Marysville, Michigan	15.2268	9.6323	8.3227	17.9550
Mokena, Illinois	International Boundary near Marysville, Michigan	14.9045	9.3100	8.3227	17.6327
	Griffith, Indiana	1.9691	1.7862	0.2720	2.0582
	Stockbridge, Michigan	4.5556	3.3026	1.8640	5.1666
	Marysville, Michigan	6.1435	4.2335	2.8414	7.0749
Griffith, Indiana	International Boundary near Marysville, Michigan	5.8704	3.9401	2.8716	6.8117
	Griffith, Indiana	1.5271	1.5271	0.0000	1.5271
	Stockbridge, Michigan	4.5556	3.3026	1.8640	5.1666
	Marysville, Michigan	6.1435	4.2335	2.8414	7.0749
Griffith, Indiana	International Boundary near Marysville, Michigan	5.8704	3.9401	2.8716	6.8117
	Griffith, Indiana	1.5271	1.5271	0.0000	1.5271
	Stockbridge, Michigan	4.5556	3.3026	1.8640	5.1666
	Marysville, Michigan	6.1435	4.2335	2.8414	7.0749

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.44.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		FERC No. 43.42.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.44.0
Transportation Rates for Light Crude Petroleum - Continued					
Stockbridge, Michigan	Marysville, Michigan	3.1150	2.4580	0.9774	3.4354
	International Boundary near Marysville, Michigan	2.8419	2.1646	1.0076	3.1722
Lewiston, Michigan	Marysville, Michigan	4.5556	3.3026	1.8640	5.1666
	International Boundary near Marysville, Michigan	4.2497	2.9899	1.8741	4.8640
Transportation Rates for Medium Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.4236	2.4361	1.4691	3.9052
	Superior, Wisconsin	6.9429	4.5729	3.5257	8.0986
	Lockport, Illinois	15.0041	9.2253	8.5967	17.8220
	Mokena, Illinois	15.0041	9.2253	8.5967	17.8220
	Flanagan, Illinois	15.0041	9.2253	8.5967	17.8220
	Griffith, Indiana	15.0041	9.2253	8.5967	17.8220
	Stockbridge, Michigan	18.0273	10.9977	10.4575	21.4552
	Marysville, Michigan	18.0273	10.9977	10.4575	21.4552
Clearbrook, Minnesota	International Boundary near Marysville, Michigan	17.7050	10.6754	10.4575	21.1329
	Clearbrook, Minnesota	1.7048	1.7048	0.0000	1.7048
	Superior, Wisconsin	5.2241	3.8416	2.0567	5.8983
	Lockport, Illinois	13.2853	8.4940	7.1277	15.6217
	Mokena, Illinois	13.2853	8.4940	7.1277	15.6217
	Flanagan, Illinois	13.2853	8.4940	7.1277	15.6217
	Griffith, Indiana	13.2853	8.4940	7.1277	15.6217
	Stockbridge, Michigan	16.3085	10.2664	8.9885	19.2549
	Marysville, Michigan	16.3085	10.2664	8.9885	19.2549
	International Boundary near Marysville, Michigan	15.9863	9.9442	8.9885	18.9327

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.44.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		FERC No. 43.42.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.44.0
Transportation Rates for Medium Crude Petroleum - Continued					
Mokena, Illinois	Griffith, Indiana	2.0044	1.8069	0.2938	2.1007
	Stockbridge, Michigan	4.7979	3.4446	2.0132	5.4578
	Marysville, Michigan	6.5129	4.4501	3.0687	7.5188
	International Boundary near Marysville, Michigan	6.2436	4.1589	3.1013	7.2602
Griffith, Indiana	Griffith, Indiana	1.5271	1.5271	0.0000	1.5271
	Stockbridge, Michigan	4.7979	3.4446	2.0132	5.4578
	Marysville, Michigan	6.5129	4.4501	3.0687	7.5188
	International Boundary near Marysville, Michigan	6.2436	4.1589	3.1013	7.2602
Stockbridge, Michigan	Marysville, Michigan	3.2420	2.5325	1.0555	3.5880
	International Boundary near Marysville, Michigan	2.9728	2.2413	1.0882	3.3295
Lewiston, Michigan	Marysville, Michigan	4.7979	3.4446	2.0132	5.4578
	International Boundary near Marysville, Michigan	4.4933	3.1327	2.0240	5.1567
Transportation Rates for Heavy Crude Petroleum					
International Boundary near Neche, North Dakota	Clearbrook, Minnesota	3.7330	2.6175	1.6595	4.2770
	Superior, Wisconsin	7.6854	5.0082	3.9828	8.9910
	Lockport, Illinois	16.8146	10.2867	9.7111	19.9978
	Mokena, Illinois	16.8146	10.2867	9.7111	19.9978
	Flanagan, Illinois	16.8146	10.2867	9.7111	19.9978
	Griffith, Indiana	16.8146	10.2867	9.7111	19.9978
	Stockbridge, Michigan	20.2298	12.2889	11.8131	24.1020
	Marysville, Michigan	20.2298	12.2889	11.8131	24.1020
	International Boundary near Marysville, Michigan	19.9076	11.9667	11.8131	23.7798

**Enbridge Energy, LP
Worksheet Supporting Rates Set Forth
In FERC No. 43.44.0**

From	To	Transportation Rates in Dollars per Cubic Meter			
		FERC No. 43.42.0	Base Rate	Facilities Surcharge	Proposed FERC No. 43.44.0
Transportation Rates for Heavy Crude Petroleum - Continued					
Clearbrook, Minnesota	Clearbrook, Minnesota	1.7048	1.7048	0.0000	1.7048
	Superior, Wisconsin	5.6573	4.0956	2.3233	6.4189
	Lockport, Illinois	14.7864	9.3741	8.0516	17.4257
	Mokena, Illinois	14.7864	9.3741	8.0516	17.4257
	Flanagan, Illinois	14.7864	9.3741	8.0516	17.4257
	Griffith, Indiana	14.7864	9.3741	8.0516	17.4257
	Stockbridge, Michigan	18.2016	11.3763	10.1536	21.5299
	Marysville, Michigan	18.2016	11.3763	10.1536	21.5299
Mokena, Illinois	International Boundary near Marysville, Michigan	17.8793	11.0540	10.1536	21.2076
	Griffith, Indiana	2.0663	1.8432	0.3319	2.1751
	Stockbridge, Michigan	5.2219	3.6932	2.2741	5.9673
	Marysville, Michigan	7.1592	4.8290	3.4665	8.2955
Griffith, Indiana	International Boundary near Marysville, Michigan	6.8968	4.5418	3.5034	8.0452
	Griffith, Indiana	1.5271	1.5271	0.0000	1.5271
	Stockbridge, Michigan	5.2219	3.6932	2.2741	5.9673
	Marysville, Michigan	7.1592	4.8290	3.4665	8.2955
Stockbridge, Michigan	International Boundary near Marysville, Michigan	6.8968	4.5418	3.5034	8.0452
	Marysville, Michigan	3.4643	2.6628	1.1924	3.8552
Lewiston, Michigan	International Boundary near Marysville, Michigan	3.2020	2.3757	1.2293	3.6050
	Marysville, Michigan	5.2219	3.6932	2.2741	5.9673
Lewiston, Michigan	International Boundary near Marysville, Michigan	4.9196	3.3827	2.2864	5.6691
	Marysville, Michigan	5.2219	3.6932	2.2741	5.9673



ENBRIDGE ENERGY, LIMITED PARTNERSHIP

APPENDIX B

**REVENUE REQUIREMENT CALCULATION
FOR FACILITIES SURCHARGE**

Enbridge Energy, LP
Revenue Requirement, Adjustments, and Unit Transmission Rate
Set Forth in FERC No. 43.44.0
Amounts in Thousands of U.S. Dollars

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

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
FS Projects: 1, 3, 4, 6-8, 13-17					
1	Return on Rate Base	Input	41,627	33,132	36,648
2	Income Taxes	Input	13,255	10,322	12,085
3	Amortization of Deferred Earnings	Input	1,913	2,301	2,645
4	Depreciation	Input	22,104	22,104	22,104
5	Amortization of Allowance of Funds Used During Construction (AFUDC)	Input	526	526	526
6	Operating Costs	Input	7,466	7,440	7,466
7	Subtotal	Sum Lns. (1 - 6)	86,891	75,824	81,474
FS Projects: 5, 12, 18-25, 27					
8	Southern Access Mainline Expansion (Project 5)	Pg. 3, Sch. 8, Ln. 4	187,100	165,615	155,674
9	Alberta Clipper (Project 12)	Pg. 4, Sch. 2, Ln. 7	211,068	212,703	188,662
10	Eastern Access Mainline Expansion Phase 1 and 2 (Projects 18, 19)	Pg. 7, Sch. 8, Ln. 5	296,175	272,419	310,645
11	2014 - 2016 Mainline Expansions (Projects 20, 24)	Pg. 8, Sch. 2, Ln. 7	380,039	341,264	453,750
12	Line 14 (Project 21)	Pg. 11, Sch. 8, Ln. 6	(10,108)	(17,372)	(25,257)
13	Agreed-Upon Legacy Integrity (Projects 22)	Pg. 12, Sch. 2, Ln. 7	42,741	37,619	39,991
14	Agreed-Upon Future Integrity (Project 23)	Pg. 14, Sch. 2, Ln. 7	54,732	47,463	50,224
15	Interim Lakehead Operational Tank Service (Project 25)	Input	8,926	8,926	-
16	Line 3 Replacement (Project 27)	Pg. 16, Sch. 2, Ln. 7		134,826	659,959
17	Revenue Credit	Input, Note 1	(383,259)	(375,155)	(510,640)
18	Subtotal	Sum Lns. (8 - 17)	787,414	828,307	1,323,009
19	Total FS Revenue Requirement	Sum Lns. (7 & 18)	874,304	904,131	1,404,483

Schedule 2 (Adjustments to FS Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Total FS Revenue Requirement	Sch. 1, Ln. 19	874,304	904,131	1,404,483
2	True-Up of (Over) / Under Collection of Previous Year's FS Revenue Requirement	Input	91,345	91,345	13,178
3	Interest on True-Up of (Over) / Under Collection of Previous Year's FS Revenue Requirement	Input * (Average Quarterly T-Bill Rate), Note 2	88	88	(12)
4	Interest on True-up of (Over) / Under Collection of Previous Year's ABC Revenue Requirement	Input * (Average Monthly 2021 BoC Bank Rate)	28	28	68
5	Total FS Adjusted Revenue Requirement	Sum Lns. (1 - 4)	965,764	995,591	1,417,717
6	Transmission FS Revenue Requirement - Adjusted For Annual Revenue Collection	Input, Note 3			1,539,978
7	Actual Revenue Collected	Input		982,413	

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

Line No.	Description	Source	Projected 2022
1	FS Total System Deliveries [m3 per day]	Input	484,192
2	Total System Light Crude Equivalent (LCE) [000 m3.miles per day]	Input	418,736
Calculation of LCE Unit Transmission Rate			
3	Times Days From January 1 - December 31 (Days)	Input	365
4	Total System LCE [000 m3.miles]	Lns. 2 * 3	152,838,526
5	Total LCE Unit Transmission Rate [cents/100 m3.mile]	(Sch. 2, Ln. 6 / Sch. 3, Ln. 5) * 10,000	100.758516

Notes:

1. Revenue Credit includes Qualifying Volumes in accordance with the Alberta Clipper U.S. Term Sheet at paragraph 13.
2. The Average Quarterly U.S. T-Bill Rate is based on the following dates: (3/31/21, 06/30/21, 09/30/21, 12/31/21).
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. 43,44.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Carrier Plant In Service (CPIS) Additions	Input, Note 1	1,848,109	1,848,475	1,856,648
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input	12,701	11,414	16,701
3	Operating Expenses (Power)	Input, Note 2	72,907	59,396	63,606
4	Operating Expenses (Other)	Input	18,829	8,183	10,231

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Overall Return on Rate Base	Sch. 5, Ln. 9	92,101	93,112	88,918
2	Income Tax Allowance	Sch. 6, Ln. 7	28,455	29,296	28,924
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	104,437	78,993	90,538
4	Depreciation of Assets	Input	61,143	61,156	61,376
5	Depreciation on AFUDC	Input	3,128	3,128	3,142
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	6,476	7,234	7,878
7	Total Revenue Requirement	Sum Lns. (1 - 6)	295,740	272,920	280,775

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input	1,848,109	1,848,475	1,856,648
2	Accumulated Depreciation	Input	(783,579)	(783,587)	(844,833)
3	Net AFUDC	Input	53,155	53,155	50,761
4	Accumulated Deferred Income Tax (ADIT)	Sch. 7, Ln. - (11)	(20,884)	(20,954)	(32,890)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,096,801	1,097,089	1,029,686

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Deferred Earnings-Beginning of the Year (BOY)	Previous Year Ln. 4	139,321	139,321	167,644
2	Annual Deferred Earnings	Input	12,795	35,557	19,353
3	Amortization of Deferred Earnings	Input	(6,476)	(7,234)	(7,878)
4	Deferred Earnings-End of Year (EOY)	Sum Lns. (1 - 3)	145,640	167,644	179,119
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	142,481	153,483	173,382

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	745,722	756,882	739,709
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	493,561	493,690	463,359
3	Total Rate Base - Average	Sum Lns. (1 - 2)	1,239,282	1,250,572	1,203,068
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	60.2%	60.5%	61.5%
5	Adjusted Debt Ratio	1 - Ln. 4	39.8%	39.5%	38.5%
6	Cost of Equity (Real)	Input	9.0%	9.0%	9.0%
7	Cost of Debt	Input	5.1%	5.1%	4.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	7.4%	7.4%	7.4%
9	Total Return on Rate Base	Lns. 3 * 8	92,101	93,112	88,918
10	Interest Expense	Lns. - (2 * 7)	(24,986)	(24,993)	(22,440)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	67,115	68,119	66,478

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11	67,115	68,119	66,478
2	Amortization of Allowance for Equity During Construction (AEDC)	Input	2,185	2,185	2,196
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	6,476	7,234	7,878
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	2	2
5	Total Taxable Return	Sum Lns. (1 - 4)	<u>75,776</u>	<u>77,541</u>	<u>76,554</u>
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	28,455	29,296	28,924

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	MACRS Claim	Input	104,431	104,763	106,696
2	Depreciation	Sch. 2, Ln. 4	61,143	61,156	61,376
3	AIDC Amortization	Input	943	943	946
4	Difference	Ln. 1 Minus Lns. (2 - 3)	<u>42,344</u>	<u>42,664</u>	<u>44,374</u>
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	11,560	11,698	12,167
7	Amortization of Over(Under) Funded ADIT	Input	-	2	2
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	<u>11,560</u>	<u>11,701</u>	<u>12,170</u>
9	Previous ADIT	Input	15,104	15,104	26,805
10	Year End ADIT	Sum Lns. (8 - 9)	<u>26,664</u>	<u>26,805</u>	<u>38,974</u>
11	Average ADIT	Average Lns. 9 and 10	20,884	20,954	32,890

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Total Revenue Requirement	Sch. 2, Ln. 7	295,740	272,920	280,775
2	50% of Qualifying Volume Credits	Input	(101,239)	(102,189)	(116,160)
3	Tankage Credits	Input	(7,401)	(5,116)	(8,941)
4	Total Revenue Requirement - Adjusted	Sum Lns. (1, 2 and 3)	<u>187,100</u>	<u>165,615</u>	<u>155,674</u>

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. 43.44.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input, Note 1	1,204,301	1,208,957	1,224,926
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input, Note 2	18,014	17,924	17,683
3	Operating Expenses (Power)	Input, Note 3	60,196	82,549	39,619
4	Operating Expenses (Other)	Input, Note 2	14,154	14,091	14,355

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Overall Return on Rate Base	Sch. 5, Ln. 9	55,521	39,900	52,149
2	Income Tax Allowance	Sch. 6, Ln. 7	16,270	10,586	16,185
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	92,364	114,564	71,657
4	Depreciation of Assets	Input	40,837	41,009	41,538
5	Depreciation on AFUDC	Input	1,980	1,980	1,980
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	4,096	4,665	5,153
7	Total Revenue Requirement	Sum Lns. (1 - 6)	211,068	212,703	188,662

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input	1,204,301	1,208,957	1,224,926
2	Accumulated Depreciation	Input	(407,430)	(407,457)	(448,790)
3	Net AFUDC	Input	38,192	38,192	36,212
4	ADIT	Sch. 7, Ln. - (11)	(22,454)	(25,219)	(36,458)
5	Working Capital	Input	7,576	8,501	7,750
6	Average Rate Base	Sum Lns. (1 - 5)	820,184	822,974	783,640

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Deferred Earnings-BOY	Previous Year Ln. 4	91,583	91,583	112,988
2	Annual Deferred Earnings	Input	9,357	26,069	14,373
3	Amortization of Deferred Earnings	Input	(4,096)	(4,665)	(5,153)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	96,844	112,988	122,209
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	94,213	102,286	117,598

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	545,315	554,921	548,600
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	369,083	370,338	352,638
3	Total Rate Base - Average	Sum Lns. (1 - 2)	914,398	925,260	901,238
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	59.6%	60.0%	60.9%
5	Adjusted Debt Ratio	1 - Ln. 4	40.4%	40.0%	39.1%
6	Cost of Equity (Real)	Input	6.9%	4.0%	6.6%
7	Cost of Debt	Input	4.8%	4.9%	4.5%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	6.1%	4.3%	5.8%
9	Total Return on Rate Base	Lns. 3 * 8	55,521	39,900	52,149
10	Interest Expense	Lns. - (2 * 7)	(17,708)	(17,968)	(15,887)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	37,813	21,931	36,262

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11	37,813	21,931	36,262
2	Amortization of AEDC	Input	1,416	1,416	1,416
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	4,096	4,665	5,153
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	3	3
5	Total Taxable Return	Sum Lns. (1 - 4)	43,326	28,015	42,834
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	16,270	10,586	16,185

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	MACRS Claim	Input	76,523	96,698	68,937
2	Depreciation	Sch. 2, Ln. 4	40,837	41,009	41,538
3	AIDC Amortization	Input	563	563	563
4	Difference	Ln. 1 Minus Lns. (2 - 3)	35,123	55,126	26,835
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	9,588	15,116	7,358
7	Amortization of Over(Under) Funded ADIT	Input	-	3	3
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	9,588	15,118	7,361
9	Previous ADIT	Input	17,660	17,660	32,778
10	Year End ADIT	Sum Lns. (8 - 9)	27,248	32,778	40,139
11	Average ADIT	Average Lns. 9 and 10	22,454	25,219	36,458

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 Alberta Clipper (Project 12) and subsequent expansions related to Alberta Clipper.

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input, Note 1	2,142,142	2,142,142	2,142,142
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input	34,801	33,306	34,801
3	Operating Expenses (Power)	Input	7,446	2,694	3,542
4	Operating Expenses (Other)	Input	29,596	28,460	28,515

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Overall Return on Rate Base	Sch. 5, Ln. 9	155,032	125,462	136,559
2	Income Tax Allowance	Sch. 6, Ln. 7	46,801	36,397	42,479
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	71,843	64,461	66,858
4	Depreciation of Assets	Input	85,284	85,284	85,284
5	Depreciation on AFUDC	Input	4,101	4,101	4,101
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	5,167	6,425	7,493
7	Total Revenue Requirement	Sum Lns. (1 - 6)	368,228	322,130	342,774

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input	2,142,142	2,142,142	2,142,142
2	Accumulated Depreciation	Input	(490,397)	(490,397)	(575,681)
3	Net AFUDC	Input	78,851	78,851	74,750
4	ADIT	Sch. 7, Ln. - (11)	(45,252)	(45,298)	(62,859)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	1,685,344	1,685,298	1,578,352

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Deferred Earnings-BOY	Previous Year Ln. 4	100,421	100,421	143,265
2	Annual Deferred Earnings	Input	17,736	49,269	26,750
3	Amortization of Deferred Earnings	Input	(5,167)	(6,425)	(7,493)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	112,990	143,265	162,522
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	106,705	121,843	152,893

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	1,033,644	1,048,757	1,020,987
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	758,405	758,384	710,258
3	Total Rate Base - Average	Sum Lns. (1-2)	1,792,049	1,807,141	1,731,245
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.7%	58.0%	59.0%
5	Adjusted Debt Ratio	1 - Ln. 4	42.3%	42.0%	41.0%
6	Cost of Equity (Real)	Input	11.3%	8.3%	10.0%
7	Cost of Debt	Input	5.1%	5.1%	4.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	8.7%	6.9%	7.9%
9	Total Return on Rate Base	Input	155,032	125,462	136,559
10	Interest Expense	Input	(38,394)	(38,393)	(34,461)
11	Equity Return on Rate Base	Sum Lns. (9-10)	116,638	87,069	102,099

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11	116,638	87,069	102,099
2	Amortization of AEDC	Input	2,826	2,826	2,826
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	5,167	6,425	7,493
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	6	6
5	Total Taxable Return	Sum Lns. (1 - 4)	<u>124,631</u>	<u>96,326</u>	<u>112,423</u>
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	46,801	36,397	42,479

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	MACRS Claim	Input	158,458	158,459	142,705
2	Depreciation	Sch. 2, Ln. 4	85,284	85,284	85,284
3	AIDC Amortization	Input	1,275	1,275	1,275
4	Difference	Ln. 1 Minus Lns. (2 - 3)	<u>71,899</u>	<u>71,899</u>	<u>56,146</u>
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4* Ln. 5	<u>19,628</u>	<u>19,715</u>	<u>15,395</u>
7	Amortization of Over(Under) Funded ADIT	Input	-	6	6
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	<u>19,628</u>	<u>19,721</u>	<u>15,401</u>
9	Previous ADIT	Input	35,438	35,438	55,159
10	Year end ADIT	Sum Lns. (8 - 9)	<u>55,066</u>	<u>55,159</u>	<u>70,560</u>
11	Average ADIT	Average Lns. 9 and 10	45,252	45,298	62,859

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Total Revenue Requirement	Sch. 2, Ln. 7	368,228	322,130	342,774
2	Index Revenue Credits	Input	(35,167)	(17,631)	(32,129)
3	Capital Cost Risk Sharing	Input	(13,122)	(11,390)	-
4	Line 6B Integrity Credits	Input	(23,764)	(20,691)	-
5	Total Revenue Requirement - Adjusted	Sum Lns. (1 - 4)	<u>296,175</u>	<u>272,419</u>	<u>310,645</u>

Notes

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

Schedule 1 (Inputs)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	CPIS Additions	Input, Note 1	2,225,704	2,276,680	2,821,546
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input	22,927	19,276	22,927
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	33,221	34,758	27,041

Schedule 2 (Summary of Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	Overall Return on Rate Base	Sch. 5, Ln. 9	166,922	136,841	198,528
2	Income Tax Allowance	Sch. 6, Ln. 7	52,796	42,239	65,319
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	56,148	54,034	49,968
4	Depreciation of Assets	Input	92,124	94,152	116,952
5	Depreciation on AFUDC	Input	7,294	7,825	14,598
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	4,755	6,173	8,386
7	Total Revenue Requirement	Sum Lns. (1 - 6)	<u>380,039</u>	<u>341,264</u>	<u>453,750</u>

Schedule 3 (Average Rate Base)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	CPIS Additions	Input	2,225,704	2,276,680	2,821,546
2	Accumulated Depreciation	Input	(391,376)	(393,803)	(522,811)
3	Net AFUDC	Input	153,278	165,618	315,118
4	ADIT	Sch. 7, Ln. - (11)	(51,687)	(53,622)	(106,203)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	<u>1,935,919</u>	<u>1,994,873</u>	<u>2,507,650</u>

Schedule 4 (Deferred Earnings)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	Deferred Earnings-BOY	Previous Year Ln. 4	87,357	87,788	145,621
2	Annual Deferred Earnings	Input	19,887	56,688	40,369
3	Amortization of Deferred Earnings	Input	(4,755)	(6,173)	(8,386)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	<u>102,489</u>	<u>138,303</u>	<u>177,604</u>
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	<u>94,923</u>	<u>113,045</u>	<u>161,612</u>

Schedule 5 (Return on Rate Base)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	Equity Rate Base - Average	Sch. 3, Ln. 6 * 55% + Sch. 4, Ln. 5	1,159,679	1,209,467	1,540,820
2	Debt Rate Base - Average	Sch. 3, Ln. 6 * 45%	871,164	898,927	1,128,443
3	Total Rate Base - Average	Sum Lns. (1-2)	<u>2,030,843</u>	<u>2,108,394</u>	<u>2,669,263</u>
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.1%	57.4%	57.7%
5	Adjusted Debt Ratio	1 - Ln. 4	42.9%	42.6%	42.3%
6	Cost of Equity (Real)	Input	11.3%	8.3%	10.0%
7	Cost of Debt	Input	4.1%	4.1%	3.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	9.2%	6.5%	7.5%
9	Total Return on Rate Base	Input	166,922	136,841	198,528
10	Interest Expense	Input	(36,133)	(36,661)	(44,446)
11	Equity Return on Rate Base	Sum Lns. (9-10)	<u>130,789</u>	<u>100,180</u>	<u>154,082</u>

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11	130,789	100,180	154,082
2	Amortization of AEDC	Input	5,051	5,429	10,404
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	4,755	6,173	8,386
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	7	7
5	Total Taxable Return	Sum Lns. (1 - 4)	140,595	111,789	172,879
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Lns. 4 plus Lns. (5 * 6)	52,796	42,239	65,319

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	MACRS Claim	Input	206,409	220,906	223,274
2	Depreciation	Sch. 2, Ln. 4	92,124	94,152	116,952
3	AIDC Amortization	Input	2,243	2,396	4,194
4	Difference	Ln. 1 Minus Lns. (2 - 3)	112,042	124,358	102,128
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4* Ln. 5	30,587	34,099	28,004
7	Amortization of Over(Under) Funded ADIT	Input	-	7	7
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	30,587	34,106	28,011
9	Previous ADIT	Input	36,394	36,569	92,198
10	Year End ADIT	Sum Lns. (8 - 9)	66,981	70,675	120,208
11	Average ADIT	Average Lns. 9 and 10	51,687	53,622	106,203

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. 43.44.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input, Note 1	661,579	692,063	666,743
<u>Operating Expenses:</u>					
2	Operating Expenses (Property Taxes)	Input	389	340	389
3	Operating Expenses (Power)	Input	(4,500)	(4,500)	(4,500)
4	Operating Expenses (Other)	Input	11,815	7,237	3,453

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Overall Return on Rate Base	Sch. 5, Ln. 9	10,212	8,120	9,116
2	Income Tax Allowance	Sch. 6, Ln. 7	3,202	2,487	2,979
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	7,704	3,076	(658)
4	Depreciation of Assets	Input	6,633	6,620	6,850
5	Depreciation on AFUDC	Input	7	7	12
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	517	821	767
7	Total Revenue Requirement	Sum Lns. (1 - 6)	28,275	21,131	19,066

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input	661,579	661,306	666,743
2	Accumulated Depreciation	Input	(550,677)	(550,663)	(557,419)
3	Net AFUDC	Input	142	141	242
4	ADIT	Sch. 7, Ln. - (11)	6,934	6,875	3,631
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	117,978	117,659	113,197

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Deferred Earnings-BOY	Input	5,744	5,744	8,293
2	Annual Deferred Earnings	Input	1,218	3,370	1,863
3	Amortization of Deferred Earnings	Input	(517)	(821)	(767)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	6,444	8,293	9,388
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	6,094	7,018	8,841

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	70,982	71,730	71,099
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	53,090	52,946	50,939
3	Total Rate Base - Average	Sum Lns. (1 - 2)	124,072	124,677	122,038
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.2%	57.5%	58.3%
5	Adjusted Debt Ratio	1 - Ln. 4	42.8%	42.5%	41.7%
6	Cost of Equity (Real)	Input	11.3%	8.3%	10.0%
7	Cost of Debt	Input	4.1%	4.1%	3.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	8.2%	6.5%	7.5%
9	Total Return on Rate Base	Input	10,212	8,120	9,116
10	Interest Expense	Input	(2,202)	(2,165)	(2,006)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	8,010	5,955	7,110

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2021	Actual 2021	Projected 2022
1	Equity Return on Rate Base	Sch. 5, Ln. 11	8,010	5,955	7,110
2	Amortization of AEDC	Input	1	1	5
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	517	821	767
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	(53)	1
5	Total Taxable Return	Sum Lns. (1 - 4)	<u>8,528</u>	<u>6,724</u>	<u>7,883</u>
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	3,202	2,487	2,979

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2021	Actual 2021	Projected 2022
1	MACRS Claim	Input	20,764	21,317	16,014
2	Depreciation	Sch. 2, Ln. 4,	6,633	6,620	6,850
3	AIDC Amortization	Input	6	6	7
4	Difference	Ln. 1 Minus Lns. (2 - 3)	<u>14,125</u>	<u>14,691</u>	<u>9,157</u>
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	<u>3,856</u>	<u>4,028</u>	<u>2,511</u>
7	Amortization of Over(Under) Funded ADIT	Input	-	(53)	1
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	<u>3,856</u>	<u>3,975</u>	<u>2,512</u>
9	Previous ADIT	Input	(8,862)	(8,862)	(4,887)
10	Year End ADIT	Sum Lns. (8 - 9)	<u>(5,006)</u>	<u>(4,887)</u>	<u>(2,376)</u>
11	Average ADIT	Average Lns. 9 and 10	(6,934)	(6,875)	(3,631)

Schedule 8 (Adjustments to Revenue Requirement)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected 2021	Actual 2021	Projected 2022
1	Total Revenue Requirement	Sch. 2, Ln. 7	28,275	21,131	19,066
2	Index Revenue Credits	Input	(44,913)	(44,913)	(50,734)
3	\$30 mm Credit	Input	10	13	14
4	Line 1/13 Swap for Terrace	Input	4,950	4,982	4,982
5	350 Centistoke (Reference Temperature Increase)	Input	1,570	1,415	1,415
6	Total Revenue Requirement - Adjusted	Sum Lns. (1 - 5)	<u>(10,108)</u>	<u>(17,372)</u>	<u>(25,257)</u>

Notes

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

Schedule 1 (Inputs)			Projected 2021	Actual 2021	Projected 2022
Line No.	Description	Source			
1	CPIS Additions	Input, Note 1	370,503	370,503	370,503
Operating Expenses:					
2	Operating Expenses (Property Taxes)	Input	-	-	-
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	-	-	-
Schedule 2 (Summary of Revenue Requirement)			Projected 2021	Actual 2021	Projected 2022
Line No.	Description	Source			
1	Overall Return on Rate Base	Sch. 5, Ln. 9	19,798	15,754	17,099
2	Income Tax Allowance	Sch. 6, Ln. 7	6,414	5,054	5,827
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)	1,361	1,644	1,897
7	Total Revenue Requirement	Sum Lns. (1 - 6)	42,741	37,619	39,991
Schedule 3 (Average Rate Base)			Projected 2021	Actual 2021	Projected 2022
Line No.	Description	Source			
1	CPIS Additions	Input	370,503	370,503	370,503
2	Accumulated Depreciation	Input	(150,956)	(150,956)	(166,097)
3	Net AFUDC	Input	389	389	363
4	ADIT	Sch. 7, Ln. - (11)	(611)	(616)	(2,426)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	219,326	219,321	202,343
Schedule 4 (Deferred Earnings)			Projected 2021	Actual 2021	Projected 2022
Line No.	Description	Source			
1	Deferred Earnings-BOY	Previous Yr, Ln. 4	18,030	18,030	23,017
2	Annual Deferred Earnings	Input	2,388	6,631	3,540
3	Amortization of Deferred Earnings	Input	(1,361)	(1,644)	(1,897)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	19,056	23,017	24,660
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	18,543	20,523	23,838
Schedule 5 (Return on Rate Base)			Projected 2021	Actual 2021	Projected 2022
Line No.	Description	Source			
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	139,172	141,150	135,127
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	98,697	98,695	91,054
3	Total Rate Base - Average	Sum Lns. (1 - 2)	237,869	239,844	226,181
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	58.5%	58.9%	59.7%
5	Adjusted Debt Ratio	1 - Ln. 4	41.5%	41.1%	40.3%
6	Cost of Equity (Real)	Input	11.3%	8.3%	10.0%
7	Cost of Debt	Input	4.1%	4.1%	3.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	8.3%	6.6%	7.6%
9	Total Return on Rate Base	Lns. 3 * 8	19,798	15,754	17,099
10	Interest Expense	Lns. - (2 * 7)	(4,093)	(4,035)	(3,586)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	15,704	11,718	13,513

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11	15,704	11,718	13,513
2	Amortization of AEDC	Input	15	15	15
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	1,361	1,644	1,897
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	(0)	(0)
5	Total Taxable Return	Sum Lns. (1 - 4)	17,080	13,377	15,424
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	6,414	5,054	5,827

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	MACRS Claim	Input	22,901	22,901	20,608
2	Depreciation	Sch. 2, Ln. 4,	15,141	15,141	15,141
3	AIDC Amortization	Input	12	12	12
4	Difference	Ln. 1 Minus Lns (2 - 3)	7,748	7,748	5,455
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	2,115	2,124	1,496
7	Amortization of Over(Under) Funded ADIT	Input	-	(0)	(0)
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	2,115	2,124	1,496
9	Previous ADIT	Input	(446)	(446)	1,678
10	Year End ADIT	Sum Lns. (8 - 9)	1,669	1,678	3,174
11	Average ADIT	Average Lns. 9 and 10	611	616	2,426

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. 43.44.0
Amounts in Thousands of U.S. Dollars

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input, Note 1	352,535	352,535	352,535
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input	7,195	6,337	5,975
3	Operating Expenses (Power)	Input	-	-	-
4	Operating Expenses (Other)	Input	-	-	-

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Overall Return on Rate Base	Sch. 5, Ln. 9	24,422	19,495	21,437
2	Income Tax Allowance	Sch. 6, Ln. 7	7,455	5,752	6,748
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)	7,195	6,337	5,975
4	Depreciation of Assets	Input	14,944	14,944	14,944
5	Depreciation on AFUDC	Input	-	-	-
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	715	935	1,121
7	Total Revenue Requirement	Sum Lns. (1 - 6)	54,732	47,463	50,224

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input	352,535	352,535	352,535
2	Accumulated Depreciation	Input	(61,129)	(61,129)	(76,073)
3	Net AFUDC	Input	-	-	-
4	ADIT	Sch. 7, Ln. - (11)	(8,261)	(8,269)	(11,335)
5	Working Capital	Input	-	-	-
6	Average Rate Base	Sum Lns. (1 - 5)	283,145	283,137	265,127

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Deferred Earnings-BOY	Previous Yr, Ln. 4	12,774	12,774	19,924
2	Annual Deferred Earnings	Input	2,910	8,084	4,385
3	Amortization of Deferred Earnings	Input	(715)	(935)	(1,121)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)	14,969	19,924	23,188
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2	13,872	16,349	21,556

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5	169,602	172,074	167,376
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%	127,415	127,412	119,307
3	Total Rate Base - Average	Sum Lns. (1 - 2)	297,017	299,486	286,683
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3	57.1%	57.5%	58.4%
5	Adjusted Debt Ratio	1 - Ln. 4	42.9%	42.5%	41.6%
6	Cost of Equity (Real)	Input	11.3%	8.3%	10.0%
7	Cost of Debt	Input	4.1%	4.1%	3.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)	8.2%	6.5%	7.5%
9	Total Return on Rate Base	Lns. 3 * 8	24,422	19,495	21,437
10	Interest Expense	Lns. - (2 * 7)	(5,284)	(5,209)	(4,699)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)	19,138	14,286	16,738

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11	19,138	14,286	16,738
2	Amortization of AEDC	Input	-	-	-
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)	715	935	1,121
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 7	-	1	1
5	Total Taxable Return	Sum Lns. (1 - 4)	<u>19,853</u>	<u>15,222</u>	<u>17,859</u>
6	Net to Tax Multiplier	Sch. 7, Ln. 5 / (1 - Sch. 7, Ln. 5)	37.6%	37.8%	37.8%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)	7,455	5,752	6,748

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	Projected <u>2021</u>	Actual <u>2021</u>	Projected <u>2022</u>
1	MACRS Claim	Input	27,489	27,489	24,756
2	Depreciation	Sch. 2, Ln. 4	14,944	14,944	14,944
3	AIDC Amortization	Input	-	-	-
4	Difference	Ln. 1 - Ln. 2	<u>12,545</u>	<u>12,545</u>	<u>9,812</u>
5	Income Tax Rate	Input	27.3%	27.4%	27.4%
6	Deferred Income Tax Expense	Ln. 4 * Ln. 5	<u>3,425</u>	<u>3,440</u>	<u>2,691</u>
7	Amortization of Over(Under) Funded ADIT	Input	-	1	1
8	Adjusted Deferred Income Tax Expense	Sum Lns. (6 - 7)	<u>3,425</u>	<u>3,441</u>	<u>2,692</u>
9	Previous ADIT	Input	6,548	6,548	9,989
10	Year End ADIT	Sum Lns. (8 - 9)	<u>9,973</u>	<u>9,989</u>	<u>12,681</u>
11	Average ADIT	Average Lns. 9 and 10	8,261	8,269	11,335

Notes

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

Schedule 1 (Inputs)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input, Note 1		906,725	3,744,581
	<u>Operating Expenses:</u>				
2	Operating Expenses (Property Taxes)	Input		1,708	49,289
3	Operating Expenses (Power)	Input		35,693	119,145
4	Operating Expenses (Other)	Input		(1,312)	36,032

Schedule 2 (Summary of Revenue Requirement)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Overall Return on Rate Base	Sch. 5, Ln. 9		51,253	242,548
2	Income Tax Allowance	Sch. 6, Ln. 7		13,636	71,362
3	Operating Expenses Excluding Depreciation	Sch. 1, Sum Lns. (2 - 4)		36,089	204,467
4	Depreciation of Assets	Input		29,916	123,985
5	Depreciation on AFUDC	Input		3,613	14,449
6	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)		319	3,149
7	Total Revenue Requirement	Sum Lns. (1 - 6)		<u>134,826</u>	<u>659,959</u>

Schedule 3 (Average Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	CPIS Additions	Input		906,725	3,744,581
2	Accumulated Depreciation	Input		(22,736)	(128,411)
3	Net AFUDC	Input		107,096	421,085
4	ADIT	Sch. 7, Ln. - (12)		(14,672)	(235,198)
5	Working Capital	Input		-	-
6	Average Rate Base	Sum Lns. (1 - 5)		<u>976,413</u>	<u>3,802,057</u>

Schedule 4 (Deferred Earnings)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Deferred Earnings-BOY	Previous Yr, Ln. 4		1,821	36,717
2	Annual Deferred Earnings	Input		25,715	56,448
3	Amortization of Deferred Earnings	Input		(319)	(3,149)
4	Deferred Earnings-End of Year	Sum Lns. (1 - 3)		<u>27,217</u>	<u>90,017</u>
5	Average Deferred Earnings	(Ln. 1 + Ln. 4) / 2		14,519	63,367

Schedule 5 (Return on Rate Base)

Line No.	Description	Source	Projected 2021	Actual 2021	Projected 2022
1	Equity Rate Base - Average	Sch.3, Ln. 6 * 55% + Sch. 4, Ln. 5		547,373	2,154,498
2	Debt Rate Base - Average	Sch.3, Ln. 6 * 45%		443,319	1,710,926
3	Total Rate Base - Average	Sum Lns. (1 - 2)		<u>990,692</u>	<u>3,865,424</u>
4	Adjusted Equity Ratio	Ln. 1 / Ln. 3		55.3%	55.7%
5	Adjusted Debt Ratio	1 - Ln. 4		44.7%	44.3%
6	Cost of Equity (Real)	Input		6.1%	8.1%
7	Cost of Debt	Input		4.1%	3.9%
8	Weighted Cost of Capital	Lns. (6 * 4 + 7 * 5)		5.2%	6.4%
9	Total Return on Rate Base	Lns. 3 * 8		51,253	242,548
10	Interest Expense	Lns. - (2 * 7)		(18,125)	(67,388)
11	Equity Return on Rate Base	Sum Lns. (9 - 10)		<u>33,128</u>	<u>175,161</u>

Schedule 6 (Income Tax Allowance)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	Equity Return on Rate Base	Sch. 5, Ln. 11		33,128	175,161
2	Amortization of AEDC	Input		2,645	10,576
3	Amortization of Deferred Earnings	Sch. 4, Ln. - (3)		319	3,149
4	Amortization of Over(Under) Funded ADIT	Sch. 7, Ln. 8		1	2
5	Total Taxable Return	Sum Lns. (1 - 4)		<u>36,092</u>	<u>188,888</u>
6	Net to Tax Multiplier	Sch. 7, Ln. 6 / (1 - Sch. 7, Ln. 6)		37.8%	37.8%
7	Tax Allowance	Ln. 4 + Lns. (5 * 6)		13,636	71,362

Schedule 7 (ADIT)

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Projected 2021</u>	<u>Actual 2021</u>	<u>Projected 2022</u>
1	MACRS Claim	Input		787,436	324,680
2	Net Operating Loss (Created) / Utilized	Input		(674,548)	598,007
3	Depreciation	Sch. 2, Ln. 4		29,916	123,985
4	AIDC Amortization	Input		968	3,872
5	Difference	Sum Lns. (1 - 2) Minus Sum Lns (3 - 4)		<u>82,004</u>	<u>794,829</u>
6	Income Tax Rate	Input		27.4%	27.4%
7	Deferred Income Tax Expense	Ln. 5 * Ln. 6		<u>22,485</u>	<u>217,942</u>
8	Amortization of Over(Under) Funded ADIT	Input		1	2
9	Adjusted Deferred Income Tax Expense	Sum Lns. (7 - 8)		<u>22,486</u>	<u>217,944</u>
10	Previous ADIT	Input		3,429	126,226
11	Year End ADIT	Sum Lns. (9 - 10)		<u>25,915</u>	<u>344,170</u>
12	Average ADIT	Average Lns. 9 and 10		14,672	235,198

Notes

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