

Witness: Green

Schedules

Schedule CMDG-1	Summary of Transmission Expenses Estimated for 2024
Schedule CMDG-2	Summary of ISO Tariff Section II Charges Estimated for 2024
Schedule CMDG-3	Summary of System Restoration and Reactive Supply Charges Estimated for 2024
Schedule CMDG-4	Summary of New England Power Schedule No. 21 Charges Estimated for 2024

Summary of Transmission Expenses Estimated For the Year 2024

ISO-NE Tariff Schedule 21 NEP LNS Tariff Charges		
1	Local Network Service (Monthly Demand Charges)	\$7,517,522
2	Other NEP Charges	<u>1,438,483</u>
Subtotal NEP Charges		<u>\$8,956,004</u>
 ISO-NE OATT Tariff Section II Charges		
3	OATT Schedule 9 - Regional Network Service Charges	\$20,760,137
4	OATT Schedule 1 - Scheduling, System Control & Dispatch	262,495
5	OATT Schedule 2 - Reactive Supply and Voltage Control Service	107,167
6	OATT Schedule 16 - System Restoration and Planning Service	235,477
7	OATT Schedule 17 - IROL-CIP	17,935
Subtotal ISO-NE Tariff Section II Charges		<u>\$21,383,211</u>
 ISO-NE Tariff Section IV.A - Administrative Charges		
8	ISO-NE Schedule 1 - Scheduling & Dispatch Service	\$435,028
9	ISO-NE Schedule 5 - NESCOE Budget	<u>13,025</u>
Subtotal ISO-NE Tariff Section IV.A Charges		<u>\$448,053</u>
10	Subtotal of ISO-NE Tariff Charges	<u>\$21,831,264</u>
11	Total Estimated Expenses Flowing Through Current Rates	<u>\$30,787,268</u>

Line 1 = CMDG-4: Column (2), Line 13

Line 2 = CMDG-4: Sum of Column (3) thru (7), Line 13

Line 3 = CMDG-2, page 1: Column (2), Line 13

Line 4 = CMDG-2, page 1: Column (3), Line 13

Line 5 = CMDG-2, page 1: Column (5), Line 13

Line 6 = CMDG-2, page 1: Column (4), Line 13

Line 7 = CMDG-2, page 1: Column (6), Line 13

Line 8 = CMDG-2, page 2: Column (8), Line 13

Line 9 = CMDG-2, page 2: Column (9), Line 13

Line 10 = Sum of Line 3 thru Line 8

Line 11 = Sum of Line 1 thru Line 8

**Summary of Estimated Transmission Expenses
2023 vs. 2024 Filing Years**

	1 2023 Retail Filing	2 2024 Estimate	3 Yr/Yr Incr/(Decr)	
ISO-NE Tariff Schedule 21 NEP LNS Tariff Charges				
1	Local Network Service (Monthly Demand Charges)	\$ 5,993,112	\$ 7,517,522	\$ 1,524,410
2	Other NEP Charges	1,412,562	1,438,483	25,921
	Subtotal	\$ 7,405,673	\$ 8,956,004	\$ 1,550,331
ISO-NE OATT Tariff Section II Charges				
3	OATT Schedule 9 - Regional Network Service Charges	\$ 19,748,156	\$ 20,760,137	\$ 1,011,981
4	OATT Schedule 1 - Scheduling, System Control & Dispatch	244,150	262,495	18,345
6	OATT Schedule 2 - Reactive Supply and Voltage Control Serv	97,371	107,167	9,796
5	OATT Schedule 16 - System Restoration and Planning Service	186,209	235,477	49,268
	OATT Schedule 17 - IROL-CIP	2,285	17,935	15,650
	Subtotal	\$ 20,278,171	\$ 21,383,211	\$ 1,105,040
ISO-NE Tariff Section IV.A - Administrative Charges				
7	ISO-NE Schedule 1 - Scheduling & Dispatch Service	\$ 342,555	\$ 435,028	\$ 92,473
8	ISO-NE Schedule 5 - NESCOE Budget	11,728	13,025	1,297
	Subtotal	\$ 354,283	\$ 448,053	\$ 93,769
9	Subtotal of ISO-NE Tariff Charges	\$ 20,632,454	\$ 21,831,264	\$ 1,198,810
10	Total Estimated Expenses	\$ 28,038,128	\$ 30,787,268	\$ 2,749,141

**Summary of ISO-NE Tariff Section II Charges
Estimated For the Year 2024**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Monthly PTF kW Load	OATT Schedule 9 - Regional Network Service Charges	OATT Schedule 1 - Scheduling, System Control & Dispatch	OATT Schedule 16 - System Restoration and Planning Service	OATT Schedule 2 - Reactive Supply and Voltage Control Service	OATT Schedule 17 - IROL-CIP	ISO-NE OATT Tariff Section II Charges	ISO-NE Schedule 1 - Scheduling & Dispatch Service	ISO-NE Schedule 5 - NESCOE Budget	Total ISO-NE Transmission Charges
1 January	127,090	1,634,736	20,670	18,542	8,439	1,412	1,683,800	34,256	1,026	1,719,081
2 February	140,685	1,809,607	22,881	20,526	9,341	1,563	1,863,918	37,920	1,135	1,902,974
3 March	108,803	1,399,514	17,696	15,874	7,225	1,209	1,441,518	29,327	878	1,471,722
4 April	117,462	1,510,893	19,104	17,138	7,799	1,305	1,556,240	31,661	948	1,588,848
5 May	132,984	1,710,550	21,629	19,402	8,830	1,478	1,761,889	35,845	1,073	1,798,806
6 June	101,329	1,303,377	16,480	14,784	6,728	1,126	1,342,496	27,312	818	1,370,625
7 July	172,856	2,223,417	28,113	25,220	11,478	1,921	2,290,148	46,592	1,395	2,338,135
8 August	152,771	1,965,067	24,847	22,289	10,144	1,698	2,024,044	41,178	1,233	2,066,455
9 September	170,236	2,189,716	27,687	24,837	11,304	1,892	2,255,436	45,885	1,374	2,302,695
10 October	140,405	1,806,005	22,835	20,485	9,323	1,560	1,860,209	37,845	1,133	1,899,186
11 November	123,423	1,587,568	20,074	18,007	8,195	1,372	1,635,216	33,267	996	1,669,480
12 December	125,920	1,619,687	20,480	18,372	8,361	1,399	1,668,299	33,940	1,016	1,703,255
13 12-Mo Total		\$20,760,137	\$262,495	\$235,477	\$107,167	\$17,935	\$21,383,211	\$435,028	\$13,025	\$21,831,264

Line 1-12: Column (1) = 2023 Monthly Coincident Network Load of LU
Line 1-12: Column (2) = January 1, 2024 OATT Schedule 9 RNS Rate * Column (1) / 12
Line 1-12: Column (3) = Current OATT Schedule 1 Rate * Column (1) / 12
Line 1-12: Column (4) = CMDG-3, Line 8 * Column (1)
Line 1-12: Column (5) = CMDG-3, Line 4 * Column (1)
Line 1-12: Column (6) = CMDG-3, Line 11 * Column (1)
Line 1-12: Column (7) = Sum of Columns (2) thru (6)
Line 1-12: Column (8) = Current ISO-NE Schedule 1 Rate * Column (1)
Line 1-12: Column (9) = Current ISO-NE Schedule 5 Rate * Column (1)
Line 1-12: Column (10) = Sum of Columns (7) thru (9)
Line 13 = Sum of Line 1 thru Line 12
Note: Column (1) January 2024 actual Network Load value

2024 RNS Rate= \$ **154.35390** /kW-YR
Rate = \$ **1.95168** /kW-YR
Rate = \$ **0.14590** /kW-Month
Rate = \$ **0.06640** /kW-Month
Rate = \$ **0.01111** /kW-Month
Rate = \$ 0.26954 kW-month
Rate = \$ 0.00807 kW-month

**Summary of Reactive Power & Black Start Costs
Estimated For the Year 2024**

Section I: Development of ISO-NE Schedule 2 Costs

1	Granite State Total ISO-NE Schedule 2 Costs	\$137,702
2	2023 Granite State Peak Load (KW)	<u>172,856</u>
3	Estimated Rate / KW-Yr	<u>\$0.7966</u>
4	Estimated Rate / KW-Mo	\$0.0664

Section II: Development of ISO-NE Schedule 16 Costs

5	Granite State Total ISO-NE Schedule 16 Settlement Costs	\$302,638
6	2023 Granite State Peak Load (KW)	<u>172,856</u>
7	Estimated Rate / KW-Yr	<u>\$1.7508</u>
8	Estimated Rate / KW-Mo	\$0.1459

Section III: Development of ISO-NE Schedule 17 Costs

9	Granite State Total ISO-NE Schedule 17 Settlement Costs	\$5,993
10	Granite State 2023 Average Peak Load (kW)	<u>134,818</u>
11	Estimated Rate / KW-Month	<u>\$0.0111</u>

Line 1 = Granite State ISO-NE Schedule 2 costs for the 12 months ending December 2023

Line 2 = Granite State Peak Load in 2023

Line 3 = Line 1 / Line 2

Line 4 = Line 3 / 12

Line 5 = ISO Schedule 16 Settlement Reports for the 12 months ending December 2023

Line 6 = Line 5 / Line 2

Line 7 = Line 5 / Line 6

Line 8 = Line 7 / 12

**Summary of New England Power - Schedule No. 21 Charges
Estimated For the Year 2024**

Period	(1) Monthly Regional Network Load	(2) Local Network Service Charge	(3) Load Dispatch Surcharge	(4) Specific Distribution Surcharge	(5) Transformer Surcharge	(6) Meter Surcharge	(7) Maintenance Service Credit	NEP Costs
1 January	127,090	591,960	5,494	14,963	100,000	1,177	(2,081)	711,513
2 February	140,685	655,283	6,082	14,963	100,000	1,177	(2,081)	775,424
3 March	108,803	506,783	4,704	14,963	100,000	1,177	(2,081)	625,545
4 April	117,462	547,115	5,078	14,963	100,000	1,177	(2,081)	666,252
5 May	132,984	619,413	5,749	14,963	100,000	1,177	(2,081)	739,221
6 June	101,329	471,970	4,380	14,963	100,000	1,177	(2,081)	590,410
7 July	172,856	805,129	7,473	14,963	100,000	1,177	(2,081)	926,661
8 August	152,771	711,577	6,604	14,963	100,000	1,177	(2,081)	832,240
9 September	170,236	792,925	7,359	14,963	100,000	1,177	(2,081)	914,344
10 October	140,405	653,978	6,070	14,963	100,000	1,177	(2,081)	774,107
11 November	123,423	574,880	5,336	14,963	100,000	1,177	(2,081)	694,274
12 December	125,920	586,510	5,444	14,963	100,000	1,177	(2,081)	706,013
13 12- Mo Total		\$7,517,522	\$69,772	\$179,558	\$1,200,005	\$14,120	-\$24,972	\$8,956,004

Line 1-12: Column (1) = 2023 Monthly Coincident Network Load of LU

Line 1-12: Column (2) = January 1, 2024 Schedule 21-NEP LNS Rate * Column (1) / 12

2024 LNS Rate= \$ **55.89** /kW-YR

Line 1-12: Column (3) = January 1, 2024 Schedule 21-NEP Load Dispatch Surcharge Rate * Column (1) / 12

2024 LDS Rate= \$ **0.04323** /kW-Month

Line 1-12: Column (4) = 21,376 kW & \$0.70 per NEP Tariff as of June 1, 2023

Line 1-12: Column (5) = 177,608 kW & \$0.56304 per NEP Tariff as of June 1, 2023

Line 1-12: Column (6) = 18 meters * \$65.3697 per meter per NEP Tariff as of June 1, 2023

Line 1-12: Column (7) Per the Integrated Facilities Supplement dated July 3, 2012 between NEP and Granite State

Line 1-12: Column (8) = Sum of Columns (2) through (7)

Note: Column (1) January 2024 actual Network Load value

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