

VIA ELECTRONIC FILING

Debbie-Anne A. Reese, Acting Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, D.C. 20426

Re: ISO New England Inc., Capital Budget Quarterly Filing for First Quarter of 2024; Docket No. ER24-____-000

Dear Acting Secretary Reese:

ISO New England Inc. (the “ISO” or “ISO-NE”) hereby submits, pursuant to Section 205 of the Federal Power Act (“FPA”), Part 35 of the Rules and Regulations of the Federal Energy Regulatory Commission (the “Commission”), and the provisions of Section IV.B.6.2 of the ISO New England Inc. Transmission, Markets and Services Tariff (the “Tariff”),¹ the ISO’s Capital Projects Report (the “Capital Projects Report”) and schedule of the unamortized costs of the ISO’s funded capital expenditures (the “Unamortized Costs Schedule”) for the quarter ending March 31, 2024 (collectively, the “First Quarter 2024 Report”). The ISO respectfully requests that the Commission accept the First Quarter 2024 Report as filed, effective April 1, 2024.

I. INTRODUCTION

Section IV.B.6.2 of the Tariff provides:

Consistent with the requirements imposed by the Commission in Docket No. ER02-2153, the ISO will file quarterly reports with the Commission specifying, by project, the ISO’s prior year spending on multi-year projects, year to date spending and a forecast of the next calendar year spending. In addition, the ISO will file a schedule of the unamortized costs of the ISO’s funded capital expenditures at the end of the quarter and the allocation of those costs to Schedules 1, 2 and 3. Such reports will be filed within forty-five (45) days at the end of each quarter and posted on the ISO’s website. All quarterly capital budget and expenditure filings will be filed pursuant to, and subject to Commission review under, Section 205 of the Federal Power Act.

The Capital Projects Report and the Unamortized Cost Schedule for the quarter ending March 31, 2024 are attached hereto. The Unamortized Cost Schedule sets forth the allocation of the costs to Schedules 1, 2, and 3 of Tariff Section IV.A, should such collection prove necessary.

¹ Capitalized terms used but not otherwise defined in this filing have the meanings ascribed thereto in the Tariff.

II. DISCUSSION OF THE FIRST QUARTER REPORT

The ISO's forecasted annual capital budget, accepted by the Commission for 2024 at \$35.0 million,² cannot predict with perfect accuracy the exact manner in which the ISO would incur capital expenditures. The ISO's quarterly filings keep stakeholders and the Commission apprised of adjustments; accordingly, the First Quarter 2024 Report provides actual capital expenditures incurred by the ISO through 2023 on multi-year capital projects, year-to-date spending during 2024, forecasts for capital projects for the remainder of 2024, and forecasted future amounts for projects that extend beyond 2024.

The following discussion highlights significant changes from the last quarterly report. Specifically, below, the ISO describes any (i) newly-chartered³ capital projects, (ii) projects completed during the quarter, and (iii) projects with significant budget changes compared with the last quarterly report. Finally, the discussion below includes a review of unchartered projects and non-project capital expenses.

The ISO vetted the changes discussed herein through the stakeholder process by posting a draft of this filing letter (with attachments) on its website on May 3, 2024. The ISO also discussed the contents of the filing letter and attachments at the May 10, 2024 meeting of the NEPOOL Budget & Finance Subcommittee.

A. New Projects with Approved Charters⁴

1. Network Modeling Tool Enhancements (\$1,300,000)

The ISO currently uses an energy management system (EMS) WebFG modeling tool to update and maintain the network model in use in the Control Room and in study applications by transmission outage coordinators. This tool is 25 years old and has tabular displays, antiquated command line entry interfaces, and limitations that force repeated updates for duplicative information across databases. The Network Modeling Tool Enhancements project will adopt a new modeling platform, the GE Eterra Source platform, which is used by many other independent system operators and utilities. This new platform has capabilities that simplify topology checking, reducing the likelihood of modeling errors. The new tool also allows for bulk data uploads, easier engineering change reviews, and is less reliant on other internal resources for validations.

The development of a new EMS modeling tool will require deployment of servers, cycle testing of the new platform, configuration, development of user templates, and user training.

The targeted completion date for this project is June 2025.

² See Commission letter order issued to ISO New England Inc. in Docket No. ER24-90-000 (December 11, 2023).

³ All capital projects, prior to approval, must have a completed project charter. This charter documents the project's goals and objectives, schedule and milestones, and budget. Before approving a new capital project, the ISO's senior management team reviews each project charter.

⁴ Amounts shown in parentheses represent total project costs.

2. Day-ahead Ancillary Services Benchmark Levels (\$915,500)

As part of the Day-Ahead Ancillary Services initiative, the ISO developed market power mitigation rules for ancillary services offers that are consistent with the mitigation rules that apply in the energy markets for supply offers. Certain ancillary services offers that violate the applicable conduct-and-impact test market power review will be mitigated to defined Benchmark Levels. The Day-ahead Ancillary Services Benchmark Levels project will enhance the Market Management Systems (MMS) benchmark level functionality for Internal Market Monitoring (IMM) and participants. This functionality will be added to the Market Operator Interface, Market User Interface, and Market Database components of the MMS. There will also be a new component added to the Market Database called the Ancillary Service Benchmark calculator that is equivalent to the Reference Level calculations that the ISO calculates today for supply offers.

The targeted completion date for this project is March 2025.

3. 2024 Issue Resolution Project (\$486,000)

The ISO uses a corrective action/preventative action (“CAPA”) approach to identify and track needed enhancements to existing systems and processes, and to replace manual processes with automation in order to more efficiently administer the market rules and procedures. The 2024 Issue Resolution Project will focus on resolving 30 outstanding CAPA requests for various software system enhancements. The software changes span a range of functionality including updates to the Control Room Operations Window application, user interface, and related Business Intelligence reports; re-writing the Settlement Management System user interface with a modern technology stack; and several updates to the Forward Capacity Tracking System.

The targeted completion date for this project is July 2024.

4. IMS nGEM Compatibility Enhancement (\$315,600)

The ISO has developed an in-house Integrated Market Simulator (IMS) as a tool to evaluate operational and economic impacts of specific market or system changes in the energy and ancillary services markets. The current IMS tool is based on market production systems that predate the nGEM platform (i.e., the new GE platform that recently replaced the ISO’s production Day-Ahead market system platform) and, as a result the current IMS tool can only use Day-Ahead market case data from the period before nGEM was deployed as a production system. The IMS nGEM Compatibility Enhancement project will make the IMS compatible with the nGEM Day-Ahead model data, such that simulations can be performed using both pre-nGEM and nGEM market cases, and replicate production case results from either platform.

The targeted completion date for this project is December 2024.

5. Tie-Line Telemetry and PCEC Upgrade Phase I (\$304,200)

The ISO’s current Pool Control Error Calculator (PCEC), a tool used by control room operators for area control errors, uses analog telemetry for tie-lines and is at the end of manufacturer support. Additionally, the servers used in the PCEC system will no longer have extended support coverage or receive security patches by June 2024. Upgrades to the tie-line

telemetry equipment will enable additional flexibility with communications, consolidate equipment to remove failure points, and improve the overall resiliency of the PCEC system. Phase I of the project will focus on the replacement of the PCEC and associated components, while Phase II of the effort will focus on the tie-line telemetry and frequency metering upgrades.

The targeted completion date for this project is October 2024.

6. On-Call Notification Systems (\$141,100)

ISO Information Technology (IT) technicians currently utilize a variety of manual methods to determine the on-call schedules for support teams across the Company. Additionally, the cyber security team uses a messaging system for notification of potentially high impact off-hours security alerts that does not have sophisticated delivery tracking, acknowledgement features, or alert escalations. This project will provide a SaaS based solution to enable each on-call area to manage their own schedule, and provide various contact methods, escalation paths, and coverage when needed. The information tracked and generated by the new solution will improve incident management, including documentation and analysis. The project will also include an automated notification system to alert support areas and cyber security of on-call events that could lead to outages or critical failures.

The targeted completion date for this project is April 2024.

B. Capital Projects Completed in Current Quarter

1. Forward Capacity Market Order 2222

The Forward Capacity Market Order 2222 project was placed into service in March 2024 with actual costs of \$1,068,800, on target with planned costs of \$1,152,500.

2. Market Information Server Reporting by Sub Accounts

The Market Information Server Reporting by Sub Accounts project was placed into service in February 2024 with actual costs of \$317,300, on target with planned costs of \$327,100.

C. Projects with Significant Changes

1. Internal Market Monitoring Data Analysis Phase IV (2024 budget reduction of \$285,700, for a total project cost of \$613,200)

The Internal Market Monitoring Data Analysis Phase IV project, to develop a solution to enable Market Monitoring analysts to query data from all possible sources in order to identify issues that may compromise the efficiency and integrity of market outcomes, was reduced by \$285,700. The reduction was a result lower labor hours than what was projected and not needing planned contingency funds. The savings were returned to the Emerging Work fund.

D. Capital Projects in Planning/Conceptual Design

Capital project priorities in the planning and conceptual design phase are fluid. The Capital Projects Report includes the ISO's current best estimate as to how it will spend capital

funds. The estimates for projects in Planning/Conceptual Design are high level/low confidence. When the project scope, timeline, budget, and benefits are determined, these figures will be updated and communicated to stakeholders and the Commission through future quarterly reports.

Significant budget changes for projects in planning include adjustments for amounts past 2024 due to further work on project planning and/or the development of the 2025 preliminary budget that is now in progress. These future year changes include the removal of \$1,500,000 for the Resource Capacity Accreditation project, due to the filing of a proposed additional two year delay for the nineteenth Forward Capacity Auction; and increases of \$1,500,000 for the FERC Order 841 project, due to actively planning the project in anticipation of chartering; \$1,200,000 for the Enterprise Resource Planning System Replacement project as planning work has progressed; and \$1,000,000 for the Microsoft 365 Service Adoption project, as initial discussion with potential vendors determined that additional scope for the project may be necessary and could potentially be larger than originally anticipated. Other increases include \$1,000,000 for the Automatic Ring Down Circuit Continuity Modernization and Reliability Enhancement project, due to a large hardware purchase to create a telecom lab; as well as \$400,000 for the Circuit Inventory Management Platform project, due to actively planning the project in anticipation of chartering.

E. Non-Project Capital Expenses

Non-project capital expenditures fund the internal capitalized labor necessary to code System Improvement Requests, also known as “SIRs.” The SIRs are generally a result of requests from Market Participants and the ISO’s operational groups to improve system functionalities. Non-project capital expenditures also fund hardware, software, and furniture and fixture purchases.

The ISO’s non-project capital spending budget of \$4,300,000 is \$1,034,000 less than the 2024 original budget of \$5,334,000. The decrease in non-project capital is primarily for an infrastructure server refresh funding reduction due to leasing of this equipment under operating budget expenses.

III. ADDITIONAL SUPPORTING INFORMATION

The ISO submits the following additional information pursuant to Sections 205 of the FPA and 35.13 of the Code of Federal Regulations:

35.13(b) (1) – In addition to this transmittal letter, the ISO provides the following materials:

- for the First Quarter ending March 31, 2024, the Capital Projects Report and the Unamortized Costs Schedule (Attachment 1); and
- a list of the governors and electric utility and other regulatory agencies for the six New England states that comprise the New England Control Area and the New England Conference of Public Utility Commissioners, Inc. (Attachment 2).

35.13(b)(2) – The ISO requests that the Commission accept the First Quarter 2024 Report as filed, effective April 1, 2024. Since the information in the First Quarter 2024 Report involves the period ending March 31, 2024, a waiver of the 60-day prior notice requirements is appropriate, as is the requested effective date. That effective date will also avoid any issue regarding a potential lag in the “backstopping” accomplished through the ISO’s capital budget quarterly reports.

35.13(b)(3) – An electronic copy of this filing is being provided to all NEPOOL Participants and to the governors and electric utility and other regulatory agencies for the six New England states that comprise the New England Control Area, and to the New England Conference of Public Utility Commissioners, Inc. The names and addresses of these governors and regulatory agencies are shown in Attachment 2. In accordance with Commission rules and practice, there is no need for entities identified on Attachment 2 to be included on the Commission’s official service list in the captioned docket unless such entities become interveners in this docket.

35.13(b)(4) – A description of the materials submitted pursuant to this filing is contained in this transmittal letter.

35.13(b)(5) – This transmittal letter and supporting materials provide a statement of the reasons the First Quarter 2024 Report should be accepted by the Commission.

35.13(b)(6) – The ISO’s approval of these changes is evidenced by this filing. The ISO also notes that the NEPOOL Budget and Finance Subcommittee reviewed this filing and the 2024 Capital Budget, and the NEPOOL Participants Committee voted to support the 2024 Capital Budget.

35.13(b)(7) – The ISO does not have any knowledge of any relevant expenses or costs of service that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices.

35.13(c)(1) – Sales, services, and revenues cannot reasonably be projected at this time.

35.13(c)(2) – There is no other rate schedule on file for which a comparison of charges would be appropriate.

35.13(c)(3) – No specifically assignable facilities have been or will be installed or modified in order for the Commission to accept this filing.

IV. COMMUNICATIONS

Correspondence and communications regarding this filing should be addressed to:

Jennifer M. Recht
Assistant General Counsel – Corporate
ISO New England Inc.
One Sullivan Road
Holyoke, MA 01040-2841
Tel: (413) 540-4479
Fax: (413) 535-4379
E-mail: jrecht@iso-ne.com

V. CONCLUSION

For the reasons stated herein, the ISO requests that the Commission accept the First Quarter 2024 Report as filed, effective April 1, 2024.

Respectfully submitted,

/s/ Jennifer M. Recht
Jennifer M. Recht
Assistant General Counsel – Corporate
ISO New England Inc.

Attachment 1

ISO New England Inc.
Capital Projects Schedule
For the Quarter ended 3/31/24
(\$000's)

<u>Description</u>	<u>Prior Year(s) Spending [1]</u>	<u>2024 Costs To-Date</u>	<u>2024 Cost to Complete</u>	<u>Future Year Costs to Complete</u>	<u>Total Project Costs [2]</u>
Capital Projects - Approved Charters					
. nGEM Real-Time Market Clearing Engine Implementation	3,177.0	880.5	5,957.3	4,737.3	14,752.1
. Day-Ahead Ancillary Services Improvements	4,033.1	689.6	2,622.0	1,726.8	9,071.5
. Managing Transmission Line Ratings [3]	1,404.6	635.1	2,642.8	3,019.3	7,701.9
. CIP Electronic Security Perimeter Redesign Phase II	3,647.7	274.3	1,219.0	71.3	5,212.4
. nGEM Software Development Part III	1,034.7	92.6	937.2	2,403.3	4,467.8
. Operating System Server Upgrade Phase 1	1,099.5	248.9	564.6	-	1,913.0
. Network Modeling Tool Enhancements	202.0	27.1	647.4	423.4	1,300.0
. EMS Short-term Load Forecast Replacement	541.9	196.9	334.3	-	1,073.1
. Forward Capacity Market Order 2222	987.7	81.1	-	-	1,068.8
. IT Asset Workflow Integration and Updates	708.3	210.2	138.4	-	1,057.0
. Day-ahead Ancillary Services Benchmark Levels	7.7	282.2	625.6	-	915.5
. Internal Market Monitoring Data Analysis Phase IV	360.5	126.0	126.7	-	613.2
. 2024 Issue Resolution Project	-	179.0	307.0	-	486.0
. Settlement Technology Improvements Project	279.2	64.2	79.6	-	423.1
. nGEM Quarterly Production Release 2-2023 Integration	180.0	142.3	12.6	-	335.0
. Market Information Server Reporting by Sub-Accounts	297.1	20.2	-	-	317.3
. Integrated Market Simulator nGEM Compatibility Enhancement	-	42.1	273.5	-	315.6
. Tie Line Telemetry and PCEC Upgrade	20.1	12.2	271.9	-	304.2
. Control Room Voice Recorder Upgrade	152.9	31.5	7.0	-	191.4
. Forward Capacity Market Delivery Financial Assurance Phase II	-	11.7	153.9	-	165.6
. On-Call Notification Systems	42.9	33.5	64.7	-	141.1
. Forward Capacity Market Delivery Financial Assurance	22.8	81.6	-	-	104.4
. Projects Less Than \$100K in Value (1 project)	-	21.3	-	-	21.3
Sub Total Projects with Approved Charters	18,199.7	4,384.4	16,985.7	12,381.4	51,951.2

ISO New England Inc.
Capital Projects Schedule
For the Quarter ended 3/31/24
(\$000's)

Description	Prior Year(s) Spending [1]	2024 Costs To-Date	2024 Cost to Complete	Future Year Costs to Complete	Total Project Costs [2]
Capital Projects in Planning/Conceptual Design [4]					
. Long-Term FTRs [5]	907.5	-	-	-	907.5
. FERC Order 2222	-	-	500.0	6,000.0	6,500.0
. Enterprise Resource Planning System Replacement	573.1	346.4	1,253.6	1,900.0	4,073.1
. Microsoft 365 Service Adoption	-	9.9	990.1	2,000.0	3,000.0
. FERC Order 841	25.6	34.2	180.7	1,500.0	1,740.5
. CAMS Technology Upgrade	37.3	129.9	72.8	1,500.0	1,740.0
. Windows Server Replacement Phase II	-	54.4	178.1	1,500.0	1,732.4
. Resource Capacity Accreditation	111.8	207.0	793.0	500.0	1,611.8
. Automatic Ring Down Circuit Continuity Modernization and Reliability Enhancements	34.3	424.8	122.2	1,000.0	1,581.3
. MW Dependent Price Adjustment	-	2.6	97.4	1,000.0	1,100.0
. NERC CIP Compliance of Synchrophaser Systems	9.8	10.9	29.3	900.0	950.0
. Circuit Inventory Management Platform	-	-	200.0	400.0	600.0
. Replace Employee & Pager Application	49.0	-	1.0	400.0	450.0
. Work Space Utilization Enhancements	125.0	182.8	117.2	-	425.0
. New England Clean Energy Connect	-	-	50.0	100.0	150.0
. Projects Less Than \$100K in Value	-	-	-	-	-
. Other Emerging Work Projects	-	-	1,841.7	-	1,841.7
Sub Total Capital Projects Planning/ Conceptual Design	1,873.5	1,402.9	6,427.0	18,700.0	28,403.4
Non-Project Capital Spending	-	740.7	3,559.3	-	4,300.0
Capitalized Interest & Loan Fees	-	215.5	1,284.5	-	1,500.0
Total Capital Projects	20,073.2	6,743.5	28,256.5	31,081.4	86,154.6

[1] Prior Year(s) spending reflects only those projects with current and future spending.

[2] Total project costs include external and internal labor capital costs.

[3] The Managing Transmission Line Ratings project was formerly known as the FERC Order 881 Compliance project.

[4] All estimates are subject to material change until rules are finalized, approved by FERC, scope is defined and project chartered.

[5] The Long-Term FTRs project has been indefinitely deferred pending the development of appropriate credit requirements.

FERC COMPLIANCE FILING -03/31/2024

Line No.	Description	Unrecovered Basis			Self-Funding Tariff				
		Total	Adjustments	Adj. Total	Total	Schedule 1	Schedule 2	Schedule 3	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	2024 Items:								
2	Building Improvements	\$ 233,106	\$ -	\$ 233,106		\$ 233,106	\$ 50,234.39	\$ 120,632.46	\$ 62,239.36
3	Furniture, Fixtures, and Equipment	5,195	-	5,195		5,195	1,120	2,689	1,387
4	Non-Project Capital Spending (Hardware and Software)	283,835	-	283,835		283,835	61,167	146,885	75,784
5	Market Systems and Enhancement Projects	5,823,915	-	5,823,915		5,823,915	1,153,734	3,085,157	1,585,024
6	Non-Market Systems and Enhancement Projects	2,623,110	-	2,623,110		2,623,110	405,513	1,532,043	685,554
7	Total 2024 Items - \$	\$ 8,969,162	\$ -	\$ 8,969,162		\$ 8,969,162	\$ 1,671,768	\$ 4,887,406	\$ 2,409,988
8	Total 2024 Items - %					100.00%	18.64%	54.49%	26.87%
9									
10	2023 Items:								
11	Building Improvements	\$ 426,320	\$ -	\$ 426,320		\$ 426,320	\$ 91,872.05	\$ 220,620.81	\$ 113,827.55
12	Furniture, Fixtures, and Equipment	28,735	-	28,735		28,735	6,192	14,870	7,672
13	Non-Project Capital Spending (Hardware and Software)	2,147,766	-	2,147,766		2,147,766	462,844	1,111,469	573,453
14	Market Systems and Enhancement Projects	18,954,691	-	18,954,691		18,954,691	2,817,738	9,886,567	6,250,386
15	Non-Market Systems and Enhancement Projects	8,510,196	-	8,510,196		8,510,196	1,748,301	4,513,294	2,248,601
16	Total 2023 Items - \$	\$ 30,067,708	\$ -	\$ 30,067,708		\$ 30,067,708	\$ 5,126,947	\$ 15,746,821	\$ 9,193,940
17	Total 2023 Items - %					100.00%	17.05%	52.37%	30.58%
18									
19	2022 Items:								
20	Building Improvements	\$ 43,515	\$ -	\$ 43,515		\$ 43,515	\$ 9,377	\$ 22,519	\$ 11,619
21	Furniture, Fixtures, and Equipment	173,985	-	173,985		173,985	37,494	90,037	46,454
22	Non-Project Capital Spending (Hardware and Software)	1,703,111	-	1,703,111		1,703,111	367,020	881,360	454,731
23	Market Systems and Enhancement Projects	14,946,327	-	14,946,327		14,946,327	1,270,376	9,715,964	3,959,987
24	Non-Market Systems and Enhancement Projects	3,296,471	-	3,296,471		3,296,471	689,136	1,712,042	895,292
25	Total 2022 Items - \$	\$ 20,163,409	\$ -	\$ 20,163,409		\$ 20,163,409	\$ 2,373,404	\$ 12,421,923	\$ 5,368,082
26	Total 2022 Items - %					100.00%	11.77%	61.61%	26.62%
27									
28	2021 Items:								
29	Building Improvements	\$ 428,814	\$ -	\$ 428,814		\$ 428,814	\$ 92,409	\$ 221,911	\$ 114,493
30	Furniture, Fixtures, and Equipment	1,119	-	1,119		1,119	241	579	299
31	Non-Project Capital Spending (Hardware and Software)	502,315	-	502,315		502,315	108,249	259,948	134,118
32	Market Systems and Enhancement Projects	10,818,116	-	10,818,116		10,818,116	874,119	8,281,425	1,662,572
33	Non-Market Systems and Enhancement Projects	1,519,256	-	1,519,256		1,519,256	297,712	783,804	437,740
34	Total 2021 Items - \$	\$ 13,269,620	\$ -	\$ 13,269,620		\$ 13,269,620	\$ 1,372,730	\$ 9,547,667	\$ 2,349,222
35	Total 2021 Items - %					100.00%	10.34%	71.95%	17.70%
36									
37	2020 Items:								
38	Building Improvements	\$ 325,939	\$ -	\$ 325,939		\$ 325,939	\$ 70,240	\$ 168,673	\$ 87,026
39	Furniture, Fixtures, and Equipment	4,065	-	4,065		4,065	876	2,104	1,085
40	Non-Project Capital Spending (Hardware and Software)	92,766	-	92,766		92,766	19,991	48,006	24,769
41	Market Systems and Enhancement Projects	3,888,709	-	3,888,709		3,888,709	137,392	3,627,608	123,710
42	Non-Market Systems and Enhancement Projects	219,787	-	219,787		219,787	47,2		

ISO NEW ENGLAND INC.

FERC COMPLIANCE FILING -03/31/2024

ALLOCATION ON UNRECOVERED PLANT IN SERVICE/UNAMORTIZED COST OF PLANT

Line No.	Description	Unrecovered Basis			Self-Funding Tariff				
		Total	Adjustments	Adj. Total		Total	Schedule 1	Schedule 2	Schedule 3
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
54	2018 Items:								
55	Building Improvements	\$ 9,504	\$ -	\$ 9,504		\$ 9,504	\$ 2,048	\$ 4,918	\$ 2,538
56	Furniture, Fixtures, and Equipment	5,258.27	-	5,258.27		5,258.27	1,133.16	2,721.15	1,403.96
57	Non-Project Capital Spending (Hardware and Software)	-	-	-		-	-	-	-
58	Market Systems and Enhancement Projects	833,778.57	-	833,778.57		833,778.57	-	833,778.57	-
59	Non-Market Systems and Enhancement Projects	37,822.94	-	37,822.94		37,822.94	8,150.84	19,573.37	10,098.72
60	Total 2018 Items - \$	\$ 886,364	\$ -	\$ 886,364		\$ 886,364	\$ 11,332	\$ 860,991	\$ 14,040
61	Total 2018 Items - %					100.00%	1.28%	97.14%	1.58%
62									
63	2017 Items:								
64	Building Improvements	\$ 217,887	\$ -	\$ 217,887		\$ 217,887	\$ 46,955	\$ 112,756	\$ 58,176
65	Furniture, Fixtures, and Equipment	7,069	-	7,069		7,069	1,523	3,658	1,887
66	Market Systems and Enhancement Projects	645,714	-	645,714		645,714	-	645,714	-
67	Non-Market Systems and Enhancement Projects	17,211	-	17,211		17,211	1,377	8,717	7,116
68	Total 2017 Items - \$	\$ 887,881	\$ -	\$ 887,881		\$ 887,881	\$ 49,855	\$ 770,846	\$ 67,179
69	Total 2017 Items - %					100.00%	5.62%	86.82%	7.57%
70									
71	2016 Items:								
72	Building Improvements	\$ 89,434	\$ -	\$ 89,434		\$ 89,434	\$ 19,273	\$ 46,282	\$ 23,879
73	Furniture, Fixtures, and Equipment	-	-	-		-	-	-	-
74	Non-Project Capital Spending (Hardware and Software)	763	-	763		763	164	395	204
75	Market Systems and Enhancement Projects	-	-	-		-	-	-	-
76	Non-Market Systems and Enhancement Projects	15,783	-	15,783		15,783	145	7,903	7,735
77	Total 2016 Items - \$	\$ 105,981	\$ -	\$ 105,981		\$ 105,981	\$ 19,583	\$ 54,581	\$ 31,817
78	Total 2016 Items - %					100.00%	18.48%	51.50%	30.02%
79									
80	2015 Items:								
81	Building Improvements	\$ 2,331	\$ -	\$ 2,331		\$ 2,331	\$ 502	\$ 1,206	\$ 622
82	Non-Market Systems and Enhancement Projects	-	-	-		-	-	-	-
83	Total 2015 Items - \$	\$ 2,331	\$ -	\$ 2,331		\$ 2,331	\$ 502	\$ 1,206	\$ 622
84	Total 2015 Items - %					100.00%	21.55%	51.75%	26.70%
85									
86	2014 Items:								
87	Building Improvements	\$ 2,498	\$ -	\$ 2,498		\$ 2,498	\$ 538	\$ 1,293	\$ 667
88	Back-up Control Center	1,103,917	-	1,103,917		1,103,917	237,894	571,277	294,746
89	Non-Project Capital Spending (Hardware and Software)	21,600	-	21,600		21,600	4,655	11,178	5,767
90	Market Systems and Enhancement Projects	-	-	-		-	-	-	-
91	Total 2014 Items - \$	\$ 1,128,016	\$ -	\$ 1,128,016		\$ 1,128,016	\$ 243,087	\$ 583,748	\$ 301,180
92	Total 2014 Items - %					100.00%	21.55%	51.75%	26.70%
93									
94	2013 Items:								
95	Building Improvements	\$ 1,011	\$ -	\$ 1,011		\$ 1,011	\$ 218	\$ 523	\$ 270
96	Back-up Control Center	12,406,959	-	12,406,959		12,406,959	2,673,700	6,420,601	3,312,658
97	Non-Project Capital Spending (Hardware and Software)	89,048	-	89,048		89,048	19,190	46,082	23,776
98	Total 2013 Items - \$	\$ 12,497,018	\$ -	\$ 12,497,018		\$ 12,497,018	\$ 2,693,107	\$ 6,467,207	\$ 3,336,704
99	Total 2013 Items - %					100.00%	21.55%	51.75%	26.70%

ISO NEW ENGLAND INC.

FERC COMPLIANCE FILING -03/31/2024

ALLOCATION ON UNRECOVERED PLANT IN SERVICE/UNAMORTIZED COST OF PLANT

Line No.	Description	Unrecovered Basis			(e)	Self-Funding Tariff			
		Total	Adjustments	Adj. Total		Total	Schedule 1	Schedule 2	Schedule 3
	(a)	(b)	(c)	(d)		(f)	(g)	(h)	(i)
100									
101	2012 Items:								
102	Building Improvements	\$ 23,071	\$ -	\$ 23,071		\$ 23,071	\$ 4,972	\$ 11,939	\$ 6,160
103	Back-up Control Center	1,164,095	-	1,164,095		1,164,095	250,862	602,419	310,813
104	Non-Project Capital Spending (Hardware and Software)	215,452	-	215,452		215,452	46,430	111,496	57,526
105	Total 2012 Items - \$	\$ 1,402,617	\$ -	\$ 1,402,617		\$ 1,402,617	\$ 302,264	\$ 725,854	\$ 374,499
106	Total 2012 Items - %					100.00%	21.55%	51.75%	26.70%
107									
115	2010 Items:								
116	Facilities Project	\$ 3,569	\$ -	\$ 3,569		\$ 3,569	\$ 769	\$ 1,847	\$ 953
117	Total 2010 Items - \$	\$ 3,569	\$ -	\$ 3,569		\$ 3,569	\$ 769	\$ 1,847	\$ 953
118	Total 2010 Items - %					100.00%	21.55%	51.75%	26.70%
119									
120	2009 Items:								
121	Facilities Project	\$ 6,253	\$ -	\$ 6,253		\$ 6,253	\$ 1,347	\$ 3,236	\$ 1,669
122	Total 2009 Items - \$	\$ 6,253	\$ -	\$ 6,253		\$ 6,253	\$ 1,347	\$ 3,236	\$ 1,669
123	Total 2009 Items - %					100.00%	21.55%	51.75%	26.70%
124									
125	2008 Items:								
126	Facilities Project	\$ 4,261	\$ -	\$ 4,261		\$ 4,261	\$ 918	\$ 2,205	\$ 1,138
127	Non-Market Systems and Enhancement Projects	209,718	-	209,718		209,718	45,194	108,529	55,995
128	Total 2008 Items - \$	\$ 213,980	\$ -	\$ 213,980		\$ 213,980	\$ 46,113	\$ 110,734	\$ 57,133
129	Total 2008 Items - %					100.00%	21.55%	51.75%	26.70%
130									
131	2007 Items:								
132	Facilities Project	\$ 1,225,941	\$ -	\$ 1,225,941		\$ 1,225,941	\$ 264,190	\$ 634,424	\$ 327,326
133	Non-Market Systems and Enhancement Projects	1,136,527	-	1,136,527		1,136,527	244,921	588,153	303,453
134	Total 2007 Items - \$	\$ 2,362,467	\$ -	\$ 2,362,467		\$ 2,362,467	\$ 509,112	\$ 1,222,577	\$ 630,779
135	Total 2007 Items - %					100.00%	21.55%	51.75%	26.70%
136									
137	2006 Items:								
138	Facilities Project	\$ 4,265,123	\$ -	\$ 4,265,123		\$ 4,265,123	\$ 919,134	\$ 2,207,201	\$ 1,138,788
139	Total 2006 Items - \$	\$ 4,265,123	\$ -	\$ 4,265,123		\$ 4,265,123	\$ 919,134	\$ 2,207,201	\$ 1,138,788
140	Total 2006 Items - %					100.00%	21.55%	51.75%	26.70%
141									
142	2005 Items:								
143	Building/property improv. (Renov. workspace, network & voice rewiring)	\$ 5,539,111	\$ -	\$ 5,539,111		\$ 5,539,111	\$ 1,193,679	\$ 2,866,490	\$ 1,478,943
144	Capital Interest/Fees	104,789	-	104,789		104,789	-	68,637	36,152
145	Total 2005 Items - \$	\$ 5,643,900	\$ -	\$ 5,643,900		\$ 5,643,900	\$ 1,193,679	\$ 2,935,127	\$ 1,515,095
146	Total 2005 Items - %					100.00%	21.15%	52.01%	26.84%
147									
148	2004 Items:								
149	Building/property improv. (Renov. workspace, network & voice rewiring)	\$ 298,916	\$ -	\$ 298,916		\$ 298,916	\$ 64,416	\$ 154,689	\$ 79,811
150	Capital Interest/Fees	10,399	-	10,399		10,399	-	6,812	3,588
151	Total 2004 Items - \$	\$ 309,315	\$ -	\$ 309,315		\$ 309,315	\$ 64,416	\$ 161,500	\$ 83,398
152	Total 2004 Items - %					100.00%	20.83%	52.21%	26.96%
153									
154	Total Unrecovered Plant in Service - \$	\$ 108,168,340	\$ -	\$ 108,168,340		\$ 108,168,340	\$ 16,956,980	\$ 63,939,296	\$ 27,272,064
155	- %					100.00%	15.68%	59.11%	25.21%

Attachment 2

New England Governors, State Utility Regulators and Related Agencies*

Connecticut

The Honorable Ned Lamont
Office of the Governor
State Capitol
210 Capitol Avenue
Hartford, CT 06106
natalie.braswell@ct.gov

Connecticut Attorney General's Office
165 Capitol Avenue
Hartford, CT 06106
john.wright@ct.gov

Connecticut Department of Energy and
Environmental Protection
79 Elm Street
Hartford, CT 06106
eric.annes@ct.gov

Connecticut Public Utilities Regulatory Authority
10 Franklin Square
New Britain, CT 06051-2605
steven.cadwallader@ct.gov
seth.hollander@ct.gov
robert.marconi@ct.gov
scott.muska@ct.gov

Maine

The Honorable Janet Mills
One State House Station
Office of the Governor
Augusta, ME 04333-0001
jeremy.kennedy@maine.gov
elise.baldacci@maine.gov

Maine Governor's Energy Office
62 State House Station
Augusta, ME 04333
dan.burgess@maine.gov

Maine Public Utilities Commission
18 State House Station
Augusta, ME 04333-0018
maine.puc@maine.gov

Massachusetts

The Honorable Maura Healey
Office of the Governor
State House
Boston, MA 02133
rebecca.l.tepper@mass.gov
Jason.R.Marshall@mass.gov
Mary.L.Nuara@mass.gov

Massachusetts Attorney General's Office
One Ashburton Place
Boston, MA 02108
elizabeth.a.anderson@mass.gov
matthew.saunders@mass.gov
Allison.OConnell@mass.gov
Ashley.Gagnon@mass.gov

Massachusetts Department of Energy
Resources
100 Cambridge Street, Suite 1020
Boston, MA 02114
robert.hoaglund@mass.gov
ben.dobbs@state.ma.us

Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
nancy.stevens@state.ma.us
morgane.treanton@state.ma.us
william.j.anderson2@mass.gov
dpu.electricsupply@mass.gov

New Hampshire

The Honorable Chris Sununu
Office of the Governor
26 Capital Street
Concord, NH 03301
New Hampshire Department of Energy
21 South Fruit Street, Ste 10
Concord, NH 03301
jared.s.chicoine@energy.nh.gov
christopher.j.ellmsjr@energy.nh.gov
thomas.c.frantz@energy.nh.gov
amanda.o.noonan@energy.nh.gov
joshua.w.elliott@energy.nh.gov
david.j.shulock@energy.nh.gov

New England Governors, State Utility Regulators and Related Agencies*

New Hampshire Public Utilities Commission
21 South Fruit Street, Ste. 10
Concord, NH 03301-2429
regionalenergy@puc.nh.gov

Rhode Island

The Honorable Daniel McKee
Office of the Governor
82 Smith Street
Providence, RI 02903
rosemary.powers@governor.ri.gov

Rhode Island Office of Energy Resources
One Capitol Hill
Providence, RI 02908
christopher.kearns@energy.ri.gov

Rhode Island Public Utilities Commission
89 Jefferson Blvd.
Warwick, RI 02888
ronald.gerwatowski@puc.ri.gov
todd.bianco@puc.ri.gov

Vermont

The Honorable Phil Scott
Office of the Governor
109 State Street, Pavilion
Montpelier, VT 05609
jason.gibbs@vermont.gov

Vermont Public Utility Commission
112 State Street
Montpelier, VT 05620-2701
mary-jo.krolewski@vermont.gov
margaret.cheney@vermont.gov

Vermont Department of Public Service
112 State Street, Drawer 20
Montpelier, VT 05620-2601
bill.jordan@vermont.gov
june.tierney@vermont.gov

New England Governors, Utility Regulatory and Related Agencies

Heather Hunt, Executive Director
New England States Committee on Electricity
424 Main Street
Osterville, MA 02655

heatherhunt@nescoe.com
jeffbentz@nescoe.com
shannonbeale@nescoe.com
sheilakeane@nescoe.com
nathan.forster@nescoe.com

George Twigg, Executive Director
New England Conference of Public Utilities
Commissioners
PO Box 9111
Essex, VT 05451
gtwigg@necpuc.org

Dan Goldner, President
New England Conference of Public Utilities
Commissioners
21 S. Fruit Street
Concord, NH 03301-2429
Daniel.c.goldner@puc.nh.gov