

**Proposed Agenda**  
**2024 New England Business Planning Update Meeting**

**Wednesday, March 6, 2024**  
**3:30 – 5:30 pm**

**The Seaport Hotel – *Lighthouse 2***  
**One Seaport Lane, Boston, MA**

**Dial-In Number: 800.993.4149;**  
**Participant Code: 860 275 0533**

**1. Review & Discuss Updated 2024 Work Plan**

- \* An updated 2024 Annual Work Plan (AWP) was circulated on March 1, 2024.
- Any adjustments needed to stakeholder process or schedule?

**2. Planning for March 7, 2024 NPC**

**3. Looking Ahead (*NEPOOL calendar attached*)**

- ***May 19-22 NECPUC Symposium*** (Omni Mount Washington Hotel, Bretton Woods, NH).
- ***June 25-27 NPC Summer Meeting*** (Omni Mount Washington Hotel, Bretton Woods, NH).
- ***Nov 7 NEPOOL Sector Meetings with ISO Board/State Officials*** (Boston, MA).

**4. Other Business**



# ISO New England's 2024 Annual Work Plan Update

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*For Discussion at the March 6, 2024,  
Leadership Planning Meeting*

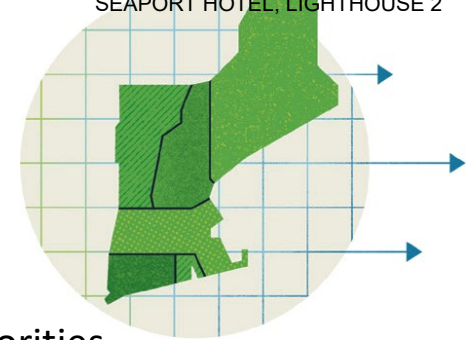
Vamsi Chadalavada

EXECUTIVE VICE PRESIDENT AND CHIEF OPERATING OFFICER



# Objectives and Highlights

- This report reflects updates to the *2024 Annual Work Plan (2024 AWP)* since its publication in October 2023
  - The Update demonstrates the flexible and coordinated efforts by the ISO and stakeholders in adjusting schedules, resources, and priorities to accomplish projects of great significance to the region
- Potential impacts to this year's work plan may stem from FERC's Order on the Further FCA 19 Delay in June and FERC's final rule on NOPR RM21-17 Transmission Asset Condition Process Improvements and Sizing for the Clean Energy Transition anticipated this spring
  - Also of note are the ISO's staffing challenges, having recently lost multiple members of teams working on key markets initiatives and the hiring of more entry-level staff
- Stakeholders can submit new requests for the ISO's 2025 AWP through the NEPOOL priorities process, which kicks off in March 2024
  - Over the following months, the requests are discussed, narrowed, and a final list is chosen for incorporation into the 2025 plan
  - The AWP focuses on larger initiatives and also does not represent the ISO's full workload, including project implementation work or the extensive day-to-day operations related to running the grid, the markets, and its organization



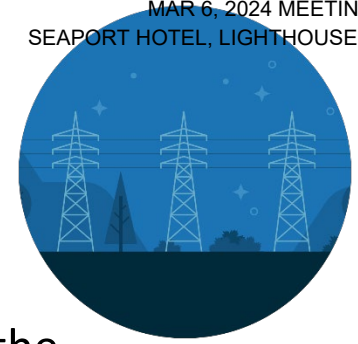
# Anchor Projects on Track



- **Extended/Longer-Term Transmission Planning Phase 2:** Stakeholder discussions continue from 2023; a FERC filing is expected in Q2 2024, with a Q3 effective date
- **Energy Adequacy Threshold Determination:** The ISO reported results from the Probabilistic Energy Adequacy Tool (PEAT) in 2023. Stakeholder discussions to continue in Q2 2024 on establishing a Regional Energy Shortfall Threshold (REST), with a proposal presented by end of year. Analysis of scope, timing, and feasibility of regional solutions to maintain/achieve a REST would follow in 2025 as needed
- **Day-Ahead Ancillary Services Initiative (DASI) Implementation:** Development of software and implementation processes on track for Q1 2025
  - Stakeholder discussion to begin in Q1 2024 on DASI Conforming Changes with a filing expected by end of Q2 2024
- **nGem Real-Time Market Clearing Engine:** Development of the new real-time market clearing engine software and infrastructure is on track for Q2 2025 implementation



# Anchor Projects on Track, cont'd



- **FERC Order No. 2023 Implementation:** Stakeholder discussions continue from 2023, with the initiative on track to meet the FERC-mandated April 3 filing date, a May 1 eligibility date, and the ISO's request for a May 31 effective date
- NEPOOL work plan priority requests related to Planning Procedures affected by Order No. 2023 are grouped together here:
  - **Assess Interconnection Standard for Charging of Electric Storage Resources (ESRs):** Updates made in Q1 2024 to PP5-6 (Interconnection Planning Procedure for Generation and Elective Transmission Upgrades) and proposed changes under Order No. 2023 Compliance address the stakeholder request to further describe modeling requirements for inverter-based resources and update load levels used in interconnection studies
  - **Improvements to the Proposed Plan Application (PPA) Process for TO-LED PPA Studies (including for Distributed Generation Interconnections):** Coordination work kicks off in late Q1/early Q2 with an educational webinar on the ISO's Order No. 2023 compliance proposal and the impact on Affected System Operator (ASO) Studies and with the beginning of stakeholder discussions of further updates to PP5-6 to conform with Order No. 2023 changes and to incorporate the coordination process for ASO studies going forward



# Notable Initiatives on Track

- **Energy Shortage Pricing Assessment:** The ISO's evaluation continues with potential for stakeholder discussions to begin as early as Q3 2024, depending on outcomes of the FCA Further Delay and RCA-prompt/seasonal timing
- **Flexible Response Services Assessment:** The ISO's evaluation continues with stakeholder discussions targeted to begin in 2025
- **Evaluate Tie Benefits and HQICCs:** Stakeholder discussions targeted to continue into Q4 2024; study results will inform any potential initiatives that follow
- **Economic Planning for the Clean Energy Transition (EPCET) Pilot Study:** Stakeholder discussions concluding in Q1 2024, with a summary report planned for issue in Q2
- **Evaluate Single Source Contingency Limit Increase:** Study scope is under development with PJM and NYISO; study work will continue throughout 2024 and 2025; study results will inform any potential initiatives that follow
- **Transmission Asset Condition Process Improvements and Sizing for the Clean Energy Transition:** Stakeholder discussion of Transmission Owner proposals on asset condition process improvements continue from 2023; FERC Order RM21-14 expected to influence discussions on future-sizing



# Notable Initiatives on Track, cont'd



- **Inverter-Based Resource (IBR) Integration & Modeling:**  
In 2024, the ISO plans to establish guidelines for inclusion of IBR models into electromagnetic transient (EMT) modeling processes and associated model repositories
- **Cloud Computing and Cyber Security:** Projects are on track for 2024 implementation
- **Synchrophasor Enhancements for Future Grid:** Work is on track for 2024 and extending into 2025



# Updated Anchor Projects: Resource Capacity Accreditation (RCA) and Alternative FCM Commitment Horizons

*Scopes and schedules refined since 2024 AWP publication*



- **RCA in the FCM:** Stakeholder discussions have continued from 2023 on capacity accreditation reforms for the 19<sup>th</sup> Forward Capacity Auction (FCA 19) for the 2028-2029 Capacity Commitment Period (CCP 19)
  - On Jan. 2, 2024, FERC accepted a one-year delay of the auction, from Feb. 2025 to 2026
- **Alternative FCM Commitment Horizons:** After an evaluation and discussion period, the ISO made the recommendation in Q1 2024 to develop a capacity auction that runs closer to the capacity commitment period (prompt) and restructuring the CCP from annual to sub-annual (seasonal) commitment periods, starting with FCA 19/CCP 19
- **RCA/Prompt/Seasonal:** Consistent with the above recommendation, the ISO is proposing a further two-year delay of the capacity auction to provide maximum flexibility to 1) design a prompt and seasonal market for CCP 19, and 2) develop RCA reforms for CCP 19 in the context of a prompt and seasonal market
  - Stakeholder discussions of the further delay proposal are underway, with a filing expected in April 2024; FERC's Order is anticipated in June



# Updated Anchor Projects: RCA and Alternative FCM Commitment Horizons, cont'd



- If FERC **accepts** the further delay, ISO will pause stakeholder discussions to evaluate scope and phasing of work, and develop a work plan for a combined accreditation design with a prompt/seasonal capacity market to implement for CCP 19
  - With stakeholder support of a further delay, the ISO plans to design a market constraint approach for gas resources in the combined design
  - The ISO will also place early focus on developing the retirement components of the design and bring those designs to stakeholders early in the process
  - The timing of when the auction(s) would run to be determined as part of detailed design
- If FERC **rejects** the further delay, ISO would target implementing RCA under the forward market construct for FCA 19 in Feb. 2026 (the approved one-year delay), with a FERC filing in Q4 2024
  - To help ensure success, the proposal will focus solely on **three core components** of the accreditation reforms currently under discussion in the stakeholder process (these components remain applicable when pivoting from forward to prompt/seasonal):  
**1) MRI-based accreditation, 2) RAA modeling/seasonal risk, 3) modeling limited energy resources**
  - Beyond these core components, cannot add to scope in a Q4 2024 filing
  - Ongoing filings will be required to address details for FCA 19/CCP 19 and beyond

# 2024 Timelines of Possible Paths

**Full RCA  
Design  
with Prompt/  
Seasonal  
Capacity  
Market  
Construct**

**March, April, May**  
Further discussion  
on RCA core  
design proposal

**June** Contingent on  
timing of FERC Order,  
may need to begin  
discussion of RCA core  
design Tariff language

**July, August,  
September**  
Pause and develop  
RCA-prompt/  
seasonal work plan

**October**  
Discuss work  
plan with  
stakeholders

**November**  
Commence  
work plan

*Complete  
stakeholder &  
regulatory process  
on further delay  
proposal*

- March MC vote
- April PC vote
- April FERC filing
- June FERC Order

**FERC  
Accepts  
Further  
Delay**

**FERC  
Denies  
Further  
Delay**

**Core RCA  
Design for  
FCA 19 in  
Feb. 2026  
with Forward  
Capacity  
Market  
Construct**

**March, April, May**  
Further discussion  
on RCA core  
design proposal

**June** Begin  
discussion  
of RCA core  
design Tariff  
language

**July, August**  
Continue  
discussion of  
Tariff language,  
amendments

**September**  
MC vote on  
RCA core  
design

**October**  
PC vote and  
file with  
FERC

**November-on**  
Ongoing filings  
required to  
address details  
for FCA 19/CCP  
19 and beyond

*If FERC does not accept RCA  
design, ISO would run FCA 19  
without RCA in Feb. 2026*

# Updated Notable Initiatives

*Scopes and schedules changed since 2024 AWP publication*



- **Work on FCM-Related Initiatives:** These stakeholder-requested initiatives are affected by FCM prompt/seasonal considerations and are therefore deferred pending a prompt/seasonal market design:
  - FCM Retirement Reforms: Return to Service
  - FCM Financial Assurance Policy/Entry-Related Improvement
- **Storage Modeling Market Enhancements:** The ISO continues to evaluate opportunities to more efficiently integrate energy storage resources into the energy and ancillary service markets, beyond Order 841: Electric Storage Participation in Markets
  - In light of efforts on RCA-prompt/seasonal, timing of stakeholder discussions is no longer estimated to begin in 2024 and will be reassessed as part of the 2025 AWP

# Potential New FERC Initiative

*FERC actions are always accommodated but can impact AWP*



- A final rule from FERC is anticipated in early 2024 on its Notice of Proposed Rulemaking RM21-17: Building for the Future Through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection
- ISO analysis of and action on the Order will depend on compliance timelines, but will likely require resources be directed to this initiative for the second half of 2024






# Other Timely Effort: Implement New England Clean Energy Connect (NECEC) External Interface



- The ISO has started work across the company to incorporate the NECEC interface in December 2025
- Work involves changes to the ISO Tariff and schedules, coordination agreements, dispatch instructions, transaction scheduling, EMS modeling, operation planning, resource adequacy, market rules and modeling, settlements, manuals and operating procedures, software and databases, and all references to interfaces in existing documentation and materials



2024 AWP Update		Q2	Q3	Q4
 Markets Related	RCA-Prompt/Seasonal			
	Energy Shortage Pricing Assessment			
	Flexible Response Services Assessment			
	Storage Modeling Market Enhancement			
 Planning & Operations	Regional Energy Shortfall Threshold (REST)			
	Order No. 2023			
	LTTS Phase 2			
	EPCET			
	Tie Benefits & HQICCs Assessment			
	Transmission Asset Condition Process Improvement/Sizing Considerations			
	Single Source Contingency Limit Assessment			
	Other Initiatives & Continuing Business			
 Capital Priorities	DASI Implementation			
	nGEM Real-Time Market Clearing Engine			
	Inverter-Based Resource Integration & Modeling			
	Synchrophasor Enhancements for Future Grid			
	Cloud Computing & Cyber Security			

## FINAL AGENDA

1. To receive an update on activities of the Joint Nominating Committee (JNC) and information from and about ISO Board members Caren Anders and Steve Corneli, each of whom is eligible and being considered for re-election to the ISO Board of Directors. We have included with this supplemental notice a presentation from ISO Board Chair Cheryl LaFleur regarding this year's JNC process. ISO website bios for Ms. Anders and Mr. Corneli (as well as for Michael Curran) are included in that presentation. Please note that the Participants Committee may conduct some discussion on this item upon completion of the rest of the business agenda in *executive session*, if and as appropriate.
2. To approve the draft minutes of the February 1, 2024 Participants Committee meeting. A copy of the draft minutes, marked to show changes made to the draft circulated with the initial notice, is included and posted with this supplemental notice.
3. [There is no Consent Agenda for this meeting].
4. To receive an ISO Chief Executive Officer report. The March CEO report is included and posted with this supplemental notice.
5. To receive an ISO Chief Operating Officer report. The March COO report will be circulated and posted in advance of the meeting.
6. To consider and take action, as appropriate, on Tariff changes proposed by ISO-NE in response to FERC's *Order No. 2023* (Final Rule regarding Improvements to Generator Interconnection Procedures and Agreements), including:
  - a. Revisions to Tariff Sections I.2.2 (Definitions), II.19 (Study Procedures For Regional Network Service Requests), II.34 (Study Procedures For Through or Out Service Requests), II.48 (Interconnection Service Capabilities), Attachment K (Regional System Planning Process), and Schedules 11, 22, 23, and 25 to the Open Access Transmission Tariff (OATT), considered but not recommended by the Transmission Committee at its February 15, 2024 meeting; and
  - b. Revisions to Tariff Section I.2.2 and Market Rule 1, as recommended by the Markets Committee at its February 7, 2024 meeting.

Materials regarding the ISO's complete package of proposed *Order 2023*-related changes and draft resolutions are included and posted with this supplemental notice.

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**Protocols.** The NEPOOL general business portions and plenary sessions of the meeting will be recorded, as are all the NEPOOL Participants Committee meetings. NEPOOL meetings, while not public, are open to all NEPOOL Participants, their authorized representatives and, except as otherwise limited for discussions in executive session, consumer advocates that are not members, federal and state officials and guests whose attendance has been cleared with the Committee Chair. All those participating in this meeting must identify themselves and their affiliation at the meeting. Official records and minutes of meetings are posted publicly. No statements made in NEPOOL meetings are to be quoted or published publicly.

**COVID-19 Considerations.** To [safeguard](#) the well-being of yourself and others, please refrain from attending a NEPOOL meeting in person if you have confirmed that you [have COVID-19](#). If you [suspect that you might have COVID-19](#), or [if you have been exposed to COVID-19](#), please take the [precautions](#) recommended by the CDC. In any case, all are encouraged to be respectful of others' personal space, and to respect individual choices with respect to wearing or not wearing masks. Should you receive a COVID-19-positive test result within 10 days of attending a NEPOOL meeting in person, we'd kindly ask that you contact NEPOOL Counsel ([pmgerity@daypitney.com](mailto:pmgerity@daypitney.com)) to report that result.

7. To receive a report on current contested matters before the FERC and the Federal Courts. The litigation report will be circulated and posted in advance of the meeting.
8. To receive reports from Committees, Subcommittees and other working groups:
  - Markets Committee
  - Reliability Committee
  - Transmission Committee
  - Budget & Finance Subcommittee
  - Membership Subcommittee
  - Others
9. Administrative matters.
10. To transact such other business as may properly come before the meeting.

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# 2024 NEPOOL Calendar Jan - Jun

NEPOOL January 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	1 New Year's Day	2	3	4 TC	5	6
7	8	9 MC	10 MC	11 MC	12 MEMB Load Forecast WG	13
14	15 MLK Day	16 RC	17 RC ISO-NE BoD	18 PAC	19	20
21	22 MRWG	23 TC	24 B&F	25 PSPC Officer Planning	26	27
28	29	30 ETWG	31	FEB 1 NPC	FEB 2	3

NEPOOL March 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
25	FEB 26	FEB 27	FEB 28 PAC	FEB 29 TC Officer Planning	1	2
3	4	5	6 CLG	7 NPC	8	9
10	11 MEMB	12 MC	13 MC	14	15 PSPC	16
17	18	19 RC	20 PAC ISO-NE BoD	21 MRWG	22	23 Purim
24	25 EEWG DG FWG	26 B&F Order 2023/ASO Studies Webinar	27 TC Officer Planning	28 Load Forecast WG	29 Good Friday	30

NEPOOL May 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
28	APR 29	APR 30 ETWG	1	2 NPC	3	4
5	6	7 MC	8 MC	9	10 B&F	11
12	13 MEMB	14 RC	15 PAC ISO-NE BoD	16 TC	17	18
19	20	21	22	23 EAG	24	25
NECPUC Symposium						
26	27 Memorial Day	28	29 PSPC Officer Planning	30	31	1

NEPOOL February 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
28	JAN 29	JAN 30 ETWG	JAN 31	1 NPC	2	3
4	5	6 MC	7 MC	8	9 GIS Op Rules B&F	10
11	12 MEMB	13	14 RC ISO-NE BoD	15 TC	16 DGF WG EAG EEWG	17
18	19 Presidents Day	20	21	22	23 Load Forecast WG	24
25	26	27	28 PAC	29 TC Officer Planning	MAR 1	2

NEPOOL April 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
31 Easter	1	2	3	4 NPC	5	6
7	8	9 MC	10 MC	11	12 Load Forecast WG	13
14	15 Patriots' Day	16 MEMB	17 RC	18 PAC	19	20
21	22 Passover	23	24 B&F Officer Planning	25 TC EBA Annual Meeting	26	27
28	29	30 ETWG	MAY 1	MAY 2 NPC	MAY 3	4

NEPOOL June 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
2	3 Memorial Day	4 CLG	5	6 NPC	7	8
9	10 MEMB	11 MC	12 MC	13 TC	14 MRWG Officer Planning	15
16	17	18 RC	19 Juneteenth	20 PAC	21 PSPC	22
23	24	25 ISO-NE BoD	26 ISO-NE BoD	27 ISO-NE BoD	28	29
MACRUC Annual Conf.		NPC Summer Meeting				
30	JUL 1	JUL 2	JUL 3	JUL 4	JUL 5	6

# 2024 NEPOOL Calendar Jul - Dec

NEPOOL July 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
30	1	2	3	4 Independence Day	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	AUG 1	AUG 2	3

NEPOOL August 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
28	JUL 29	JUL 30	JUL 31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NEPOOL September 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2 Labor Day	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	OCT 1	OCT 2	OCT 3	OCT 4	5

NEPOOL October 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
29	SEP 30	1	2	3	4	5
6	7	8	9	10	11	12
13	14 Columbus Day	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	NOV 1	2

NEPOOL November 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
27	OCT 28	OCT 29	OCT 30	OCT 31	1	2
3	4	5	6	7	8	9
10	11 Veterans Day	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28 Thanksgiving	29 Settlement Holiday	30

NEPOOL December 2024						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25 Christmas Chanukah Begins	26	27	28
29	30	31	JAN 1 New Year's Day	JAN 2	JAN 3	4