

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #285 – January 3, 2024
Microsoft Teams**

Attendees **Present** **Phone**

Members / Alternates:

Howard Kosel (ICS Chair)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brian Shanahan (National Grid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Noor Leghari (NYSEG/RG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Majdi Baccouche (NYSEG/RG&E).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Bolbrock (Unaffiliated)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Clay Burns (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ruby Chan (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sanderson Chery (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ayman Elkasrawy (NYSEG/RG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jim Kane (NYPA)	<input type="checkbox"/>	<input type="checkbox"/>
Mike Mager (MI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Wentlent (MEUA).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mark Younger (Hudson Economics)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Athar Hilme (PSEG LI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Thomas Primrose (PSEG LI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Advisers/Non-member Participants:

Kristine Agati (Avangrid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Adams (ICS Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Leen Almadani (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Garrett Bissell.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Andrea Calo (CES)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lucas Carr (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gabriel Centi	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jie Chen (Potomac)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Benjamin Cohen (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Patrick Danner (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Adam Evans (DPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Grant Flagler (Con Ed Energy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Henry Fox (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ricardo Galarza	<input type="checkbox"/>	<input checked="" type="checkbox"/>
William Gunther (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Karl Hofer (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yvonne Huang (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gary Jordon (ICS Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Caroline Kucher.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris LaRoe.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Scott Leuthauser (HQUS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Syeda Lubna	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mikaela Lucas (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tim Lundin (LS Power)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Abdul Mohammed (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Randy Monica Jr. (DPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Norris	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Benjamin ORourke	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Julia Popova (NRG).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bianca Prinsloo (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Quimby (DPS).....	<input type="checkbox"/>	<input type="checkbox"/>
Leon Almadani	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mike Cadwalader	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Joe Cosia (Potomac Economics)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Caroline Decker.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mariann Wilczek (PSEGLI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ryan Carlson (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Keegan Guinn (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mikaela Lucas (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Madeline Mohrman.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Laura Popa (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Max Schuler (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Otito Onwuzurike.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Richard Wright

Richard Bratton

1&2 Roll Call and Request for Additional Agenda Items – H. Kosel / B. Shanahan

- No additional Agenda items identified.

3. Approval of Minutes for Meeting

- Meeting minutes for previous 3 meetings (282, 283 & 284) were approved with editorial change to one presenter of one item.

4. Review of Action Item List – H. Kosel

- Discussed AI 220-1. It is essentially being retained at EC direction to monitor any future Public Appeal events/results, should they occur.
- Discussed need for a new Action Item (#285-1 ?) to track Transmission Security Limit determination progress through this Summer and Fall.

5. Chair update on recent EC actions

- EC approved a 22.0% IRM in the December 2023 meeting. NYISO will verify distribution of the IRM/LCR reconciliation results using the EC approved IRM value, vs the calculated 23.1%.

6. Review of IRM Milestone Schedule for 2024

6.1 Model Changes / Improvement Initiatives

- **Managing Uncertainty:** Significant changes to the NYCA system are expected for the next few years (Offshore wind, topology changes, large new loads). Misalignment between modeling assumptions and market reality could negatively impact market outcomes or other considerations. A Whitepaper scope that defines deliverables and timeline will be presented at the February ICS meeting.
- **SCR Modeling Improvements:** MARS modeling of resources should be aligned with their expected capacity market performance. One concern is that owing to how Special Case Resources (SCRs) are currently modeled, performing the CAF calculation may not properly reflect their marginal reliability contribution. An enhanced SCR modeling method is being developed. Preliminary testing indicated that the enhanced SCR modeling lowered the IRM from 1% to 2.1% across the two sets of test cases. NYISO plans to come back to the next ICS meeting with updated testing performed on the 2024-25 FBC and a proposal for implementation.

6.2 IRM Milestone Schedule for 2024

- Milestone schedule was reviewed with a possible change being identified to include a new item (January) to document IRM/LCR basecase alignment reports.

6.3 Policy 5 Revision Needs

- Policy 5 will likely need revision this year to incorporate changes necessary to address use of TSL floors in IRM/LCR process. ICS Consultants will work on developing proposed changes going forward.

7. 2025 White Paper / Study Prioritization Topic Discussion – H. Kosel / Y. Huang

- Y Huang discussed the RA Strategic Plan objectives for this year.

- Winter gas constraint modeling and Enhanced SCR modeling Whitepaper to be completed in 1st quarter 2024.
- Other items for investigation and potential Whitepapers for 2024:
 - Tan45 methodology review
 - Managing uncertainty
 - Winter emergency assistance
 - Modeling DER
 - Separation of BTM-PV from load shapes
 - LCRs and transmission Security interaction
 - Calendar vs. capability year
 - Regional correlated outages

8. Potomac Economics Winter Gas Constraints Presentation – [redacted] – J Coscia – Potomac

Potomac Economics (NYISO MMU) presented an analysis highlighting the concerns and issues with gas availability in the northeast during peak winter conditions. Major conclusions were:

- Peak winter demand for gas exceeds pipeline capacity to Eastern New York and New England. Gas LDCs reserve/procure vast majority of this capacity.
- On very cold days, gas will be available to generators only if a Generator has firm transport contract, or imported LNG creates a surplus above LDCs' needs.
- NYISO's RA model should discount non-firm gas-only generators and external assistance from New England in winter.
- Impact on capacity value depends on degree of winter reliability risk after appropriately discounting resources. Modeling 2ill also need to consider availability of oil-fired units with limited fuel storage and refueling capacity.

9. Gas Constraint Whitepaper Update - L. Carr

- NYISO followed by presenting an update on the gas constraint whitepaper, scheduled for completion in Q1 2024
- Project goal is to reflect the impact of gas constraints during varying winter load levels in Load Zones F – K.
- The aim is to complete the Whitepaper in Q1 2024 and incorporate gas constraints modeling in the 2025-2026 IRM Preliminary Base Case (PBC).

Next Meeting

Meeting #286 – Wednesday, January 28th, 2024, 10 am – Online / MS Teams