

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #271 – December 01, 2022
Microsoft Teams**

Attendees **Present** **Phone**

Members / Alternates:

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

Advisers/Non-member Participants:

John Adams (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Leen Almadani (CHG&E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Andrea Calo (CES)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jie Chen (Potomac)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adam Evans (DPS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kenneth Galarneau (Rise Light & Power)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ricardo Galarza (PSM Consulting)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lucas Carr (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Syeda Lubna (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Karl Hofer (Con Edison).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Christina Duong (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yvonne Huang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gary Jordon (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (LS Power)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mikaela Lucas (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Randy Monica Jr. (DPS).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Athar Hilme (PSEGLI).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Otito Onwuzurike (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kevin Osse (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Laura Popa (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Julia Popova (NRG).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Schuler (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sushil Silwal (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Bratton (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Roll Call – N. Leghari

- Roll call was conducted.

2. Introduction and Request for Additional Agenda Items - B. Shanahan

- None

3. Approval of Minutes for Meeting #XXX – B. Shanahan

- Meeting Minutes #270 will be reviewed in January 2023 meeting.

4. Review of Action Items List – B. Shanahan

- 220-1 – No public appeals this year. B. Shanahan will report that to the EC. PSEGLI has revised their numbers from 80 MW to 77 MW.
- 257-1 - Develop a Scope for a Phase 4 High Renewables will be completed in March 2023
- 265-1 – Completed
- 265-2 - EC provided the comments
- Model Improvement work (Future/Ongoing Work): was discussed.
- Y. Huang – year ago removed the schedule maintenance in MARS. However, this year once we adopted the updated topology do not need that anymore.
- B. Shanahan – will update the list.
- Y. Huang - Load forecast uncertainty white paper if we adapt the strategic plan that will capture everything.

- J. Cordi – White paper Topics - Dynamic Reserve Project NYISO is initiating this year. Should ICS do white paper Impact on the IRM. Second is updating MARS to include Hudson power express line.
- M. Younger – is of the view that certainly we can discuss this, but these topics are not complicated enough to be on white paper. Resource adequacy modelling done. Largest single contingency is already maximum the ISO will be modelling under dynamic reserves. Clean path 1 is not coming in until later.
- B. Shanahan – First quarter 2023 discuss do we need to look at any more topics for white paper more than what we already have on the list. Main focus should be NYISO Strategic Plan moving forward next year

5. Review of ICS Goals for 2023 – B. Shanahan

- B. Shanahan – Scope ready by February will be very aggressive.
- G. Jordon – Scope will be ready by February is reasonable.

6. Chair update on recent EC actions – B. Shanahan

- Update Status on Public Appeal Questions for TO's (AI 220-1)
- Mid-month EC meeting IRM determination - Correct the cable data

7. Policy 5-16 Final Review / Approval – J. Adams

- Highlight the primary changes
- B. Shanahan – Is good with changes and present it to EC with red line version

8. Revised Final Draft of 2022 IRM Results and Report Review / Comment Discussion

8.1 Updated IRM FBC Database – Y. Huang

- Goal is to understand the Database change in the final Base case result.
- During the TO database review on the 2023-2024 IRM FBC, an error in the UDR modeling has been identified.
- NYISO re-ran the FBC Tan45, with the error corrected in the underlying database.
- Data base correction, the FBC IRM is reduced by 0.3%, Zone J LCR is reduced by 0.2% and Zone K LCR is reduced by 0.6%.
- There were no questions or objections.

8.2 Updated IRM FBC Results – L. Carr

- L. Carr reviewed the IRM 2023-2024 Final Base Case Tan45 and presented for approval by the NYSRC ICS.

8.3 IRM Body and technical document – G. Jordan

- No Comments.
- Results will be posted to the EC.
- G. Jordan – Any objections on the IRM results.
- No significant changes to the report.

8.4 IRM Appendices report – J. Adams

- B. Shanahan - Not hearing any objection ICS approves final base case results and appendices.

9. 2023 White Paper / Study Prioritization Topic Discussion - B. Shanahan / Y. Huang

- B. Shanahan - 2023 projects
 - Winter gas modelling
 - Testing and implementing of load forecast uncertainty phase 3 (on going) early next year.
 - Also close the loop on LFU issues.
- Y. Huang – Policy 5 review issues
- B. Shanahan – Is going to send out list of white papers to ICS so that other members can comment.
- Y. Huang – Gas constraint and EOP review see as a major white paper initiative. More time to review and understand gas constraint. Modelling recommendation on gas constraint may be at the end of the year.
- M. Younger – By end of year estimate the limitation identified and modeling indicates near term reliability impacts.
- Y. Huang - Need to identify what gas constraint looks like before testing it in modelling. End of the year should be good for modelling recommendations.
- Y. Huang – will comment on how long the white paper will take to complete.
- M. Younger – If the proposed change to the load forecast uncertainty for phase 3 is clear. Can we do early testing and make those changes in the preliminary base case.
- Y. Huang – NYISO will take back to see if they can work it out.

Next Meeting

Meeting #272 – Thursday, January 5, 2023, 10 am – Microsoft Teams