

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #272 – January 04, 2023
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 Dellatto (PSEG LI).....	<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"/>
Khatune Zannat (PSEG LI)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Advisers/Non-member Participants:

Alan Ackerman (CES).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Adams (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Leen Almadani (CHG&E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Josh Boles (NYISO)	<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"/>
Adam Evans (DPS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grant Flagler (Con Ed Energy)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ricardo Galarza (PSM Consulting)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Karl Hofer (Con Edison).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yvonne Huang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scott Leuthauser (HQUS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Kathleen O'Hare (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (LS Power)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Athar Hilme (PSEGLI).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Christina Duong (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mikaela Lucas (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lucas Carr (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Otito Onwuzurike (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ben O'Rourke (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Quimby (DPS).....	<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 (Unknown).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Roll Call – N. Leghari

- Roll call was conducted.

2. Approval of Minutes for Meeting #270, #271 – B. Shanahan

- Meeting Minutes #270 has been approved.
- Meeting Minutes #271 has been approved.

3. Review of Action Items List – B. Shanahan

- 257-1 – NYISO is going to develop a scope for a Phase 4 High Renewables White Paper that includes anticipated project/technology changes and fuel mix by March 2023.
- M. Younger – it seems that there is unclear assumption. B. Shanahan and M. Mager also agree that study should be done every three year. Identify the number of important issues instead of doing this study.
- M. Younger – Should have clear direction of change system before working on this scope.
- B. Shanahan - Scope for Phase 4 late 2024. Going to make in the action item.
- B. Shanahan – will update the Action Items List with M. Younger’s suggestion.
- B. Shanahan – Update the Model Improvement Work.
- Leave the Enhance Maintenance Scheduling in MARS as ongoing.
- B. Shanahan - Gave suggestion on load forecast uncertainty white paper.
- M. Younger – Wait to see what NYISO comes up with the white paper on load shapes.
- M. Shuler - Wants to confirm that variable scaling LFU multipliers and the shapes as primary topic of LFU phase 3 analysis. Present that in March 2023.

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

- B. Shanahan - EC Approves IRM as well as policy 5 revision.
- Action item on transition rate changes.

- B. Shanahan - Update to the Roster. Add Athar Hilme (PSEGLI) to the roster. Remove John Codi (NYPA) as member.

5. Update on IBRWG Activity – B Shanahan / R Clayton

- IBRWG is looking at possible Reliability Rule changes to IBR interconnection based on critical IEEE 2800 2022 requirements before NYISO Class Year 2023.
- Roger Clayton is chairing this group and send questions to B. Shanahan.

6. Review of IRM Milestone Schedule for 2023 – B. Shanahan

- Y. Huang - Some of white paper milestone needs to be updated.
- M. Younger – Its appropriate if EC approves any draft or complete white paper.
- B. Shanahan – Will send to Melissa to post it and then present it to EC.

6.1. Model Changes / Improvement Initiatives

6.2. IRM Task List for 2022

6.3. Policy 5 Revision Needs (if any)

6.4. Y49 Sensitivity Tan45 Results – R. Carlson

- R. Carlson - Sensitivity was requested and reported as a parametric run where the transition rate utilized for Y49 was determined during the 2015 -2019 period
- M. Younger – Should we revise anything with this information. Very concern if we introduce subjective process. Reality is that we get rate of outage problem and that is risk to the system. If we don't address unit or line outage there will be repercussion.
- K Zannat – Suggestion is to make a decision at EC level instead of ICS.
- B. Shanahan – Should we come up with a recommendation from ICS to EC.
- M. Younger – Recommends that if people want to pursue the idea of changing policy 5 then it should trigger intensive study that represents outage risks.
- B. Shanahan – Agrees It should be communicated to the EC.
- J. Boles – Needs NYISO feedback. For the large outage the risk is real. Who should bare the brunt of this risk? Should this risk be spread around the system? It will be lot out of figuring out what outages to include and to devise the approach of spreading around system.
- B. Shanahan – Looking for EC direction on this.

7. 2023 White Paper / Study Prioritization Topic Discussion - B. Shanahan / Y. Huang

- Y. Huang – Strategic plan for 2023 identified modelling major white paper.
 - (i) Gas constraint white paper – This will take year to complete. Feb meeting to get ICS agree on the path. Goal to have final recommendation by Dec 2023. NYISO will interim reporting between Feb to Dec monthly basis.
 - (ii) EOP review focusing on emergency assistance and SCR's. NYISO will bring back scope in Jan meeting. NYISO will be reaching final recommendation by August 2023.
 - (iii) Phase 3 LFU white paper.

- B. Shanahan – Does ICS agree on scope presentation.
- B. Shanahan – Is going to present this white paper scopes to the EC pending approval.
- M. Younger – Recommends calling it as preliminary scope presentation to ICS in Feb 2023.

8. Additional Agenda Items

- B. Shanahan – Is going to send Code of Conduct. Everyone needs to review, sign and send it back.

Next Meeting

Meeting #273 – February 01, 2023, 10 am – Microsoft Teams

- ICS approves updated milestone schedule.
- ICS approves scopes of potential new/revised models
- ICS reviews initial 2023 IRM Study Assumptions Matrix.
- EC approves milestone schedule.