

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #284 – November 28th, 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 type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ruby Chan (CHG&E)	<input type="checkbox"/>	<input 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"/>
Mike Mager (MI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mark Younger (Hudson Economics)	<input checked="" type="checkbox"/>	<input type="checkbox"/> Hilme
Hilme Athar (PSEGLI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Advisers/Non-member Participants:

Yvonne Huang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gary Jordon (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timothy Duffy (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lucas Carr (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Christina Duong (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mikaela Lucas (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bianca Prinsloo (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Adam Evans (DPS)	<input type="checkbox"/>	<input type="checkbox"/>
Randy Monica Jr. (DPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Wentlent (Municipal & Electric Cooperative Sector).....	<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"/>
Andrea Calo (CES)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jie Chen (Potomac)	<input type="checkbox"/>	<input type="checkbox"/>

Grant Flagler (Con Ed Energy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kenneth Galarneau (Rise Light & Power)	<input type="checkbox"/>	<input type="checkbox"/>
Ricardo Galarza (PSM Consulting)	<input type="checkbox"/>	<input type="checkbox"/>
Karl Hofer (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Scott Leuthauser (HQUS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tim Lundin (LS Power)	<input type="checkbox"/>	<input type="checkbox"/>
Bill Acker (Unknown)	<input type="checkbox"/>	<input type="checkbox"/>
William Gunther (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Otito Onwuzurike (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Ben O'Rourke (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Julia Popova (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Max Schuler (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Sushil Silwal (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Syeda Lubna (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Abdul Mohammed (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Benjamin Cohen (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthony Abate (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Henry Fox (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Patrick Danner (NYPA)	<input type="checkbox"/>	<input type="checkbox"/>
Kristine Agati (AVANGRID).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Marie Chesnick (Unknown)	<input type="checkbox"/>	<input type="checkbox"/>
Caroline Decker (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Hall (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Marie Chesnick (Unknown)	<input type="checkbox"/>	<input type="checkbox"/>
Anand Chandrashekar (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pallas LeeVanSchaick (Potomac)	<input type="checkbox"/>	<input type="checkbox"/>
Richard Bratton (Unknown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thomas Primrose (PSEG LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Caroline Kucher (Unknown)	<input type="checkbox"/>	<input type="checkbox"/>
Majdi Baccouche (Avangrid)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

1. Roll Call – B. Shanahan

- Roll call was conducted.

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

- As stated.

3. Approval of Minutes for Meeting #282 & #284 – B. Shanahan

- Deferred to next ICS meeting in January.

4. Review of Action Items List – B. Shanahan

- 220-1 – No NYTO's reported any Public Appeals for load reduction during 2023 calendar year.
- Action items 281-1 & 281-2 completed this meeting.

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

- Addressed in Agenda Item 10.

6. Chair Update on Recent EC Items – B. Shanahan

- 6.1 Previous Executive Committee (November meeting) approved the IRM Final Base Case.
- 6.2 Status Update on Public Appeals for load reductions. No NYTO reported having to implement a public appeal for load reduction.

7. Revised Final Draft of 2024 IRM Results and Report Review / Comment Discussion – G. Jordan / B. Shanahan / J. Adams

- 7.1 Performed a page by page review of the latest redline Draft IRM report. Comments and editorial changes were reviewed and accepted for incorporation into final ICS Draft to EC.
- 7.2 Performed a page by page review of the latest redline Draft IRM Appendices which contained NYISO comments / changes . The NYISO-commented version was not received in time for posting with meeting materials and was distributed via email following the ICS meeting. Comments were reviewed and accepted, which were mainly editorial in nature.

8. Gas Constraint Whitepaper Update – M. Lucas

- M. Lucas - Presented an updated summary of the methods under consideration for analysis of the effect of winter gas constrains on the NYCA.
- Two methodologies for implementing the gas constraints model are being considered:
 - Negative unit methodology would implement derates on a UCAP basis, aligning with the analysis in developing the gas constraint magnitude levels.
 - Derating existing units methodology would implement derates on an ICAP basis. The interaction with (and potential for overlap with) unit forced outages will need to be considered.
- Applying up to 7,000 MW of winter constraints has considerable impact on the IRM/LOLE, particularly in combination with reducing winter EA to zero for higher bin/load levels.
- Uncertainty exists as to how much curtailment of gas-generation as load rises during peak load days (>22,000 MW), is attributable to supply constraints or economic factors (burn oil vs gas when oil is cheaper than gas).
- Additional information will be presented in a January update to the Whitepaper progress.

9. 2024 White Paper / Study Prioritization Topic Discussion - B. Shanahan / Y. Huang

- Y Huang reviewed the projected 2024 Whitepaper/Studies on the ICS RA Modeling Strategic Plan. At this juncture, subject to finalization in January, and any emergent topics, NYISO efforts will be focused on implementing RA Modeling Whitepaper Study topics.

10. End of Year ICS Wrap-up – B. Shanahan

- B. Shanahan – summarized several items which went well in 2023:
 - IRM Study work progressed on time throughout the calendar year and was actually ahead of a few Milestone schedule targets, in part due to improved sequencing on the Milestone schedule that were incorporated early in the year.
 - ICS 2023 Goals achieved for year included C1 (RA 2023 Goals implemented) and C2 (Policy 5 Updates completed). Noted that the final Gas Constraints Whitepaper will be provided at the Jan 4, 2024 ICS meeting, following several updates to the ICS which have been provided during 2023.
 - Noted that ICS Goal A2 (Present Scope of changes to EC regarding transition from calendar to capability year), has been incorporated and re-prioritized into the RA modeling strategic plan for future work (as part of a load modeling review).
 - Discussed Dover PAR delayed implementation and the lack of an additional planning analysis of transfer limit effects resulting from the delay. M. Younger noted that ICS should have initiated and tracked an Action Item for this item, which had been discussed at multiple ICS meetings. ICS Chair agreed that an Action Item could have provided adequate visibility and priority for support that was needed from external to the ICS.