

Approved Final Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #293 – September 4th, 2024
Microsoft Teams**

Attendees **Present** **Phone**

Members / Alternates:

William Gunther (Con Edison – ICS Chair)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brian Shanahan (National Grid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Bolbrock (Unaffiliated)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ruby Chan (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Wright (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sanderson Chery (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Noor Leghari (NYSEG/RG&E)	<input type="checkbox"/>	<input type="checkbox"/>
Ayman Elkasrawy (NYSEG/RG&E)	<input type="checkbox"/>	<input type="checkbox"/>
Jim Kane (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mike Mager (MI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Wentlet (MEUA).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mark Younger (Hudson Economics)	<input checked="" type="checkbox"/>	<input 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:

Gary Jordon (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Adams (ICS Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Henry Fox (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dylan Zhang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Laura Popa (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Max Schuler (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yvonne Huang (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Otito Onwuzurike (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bianca Prinsloo (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lucas Carr (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Sanketmilind Ulagadde (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mikaela Lucas (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Keegan Guinn (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timothy Duffy (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Madeline Mohrman (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Abdul Mohammed (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brendan Long (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Victoria Swider (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Adam Evans (DPS).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Quimby (DPS).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Randy Monica Jr. (DPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Ackerman.....	<input type="checkbox"/>	<input type="checkbox"/>
Kristine Agati (Avangrid)	<input type="checkbox"/>	<input type="checkbox"/>
Leen Almadani (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Majdi Baccouche (NYSEG/RG&E).....	<input type="checkbox"/>	<input type="checkbox"/>
Liam Baker.....	<input type="checkbox"/>	<input type="checkbox"/>
Garrett Bissell.....	<input type="checkbox"/>	<input type="checkbox"/>
Mike Cadwalader	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Andrea Calo (CES)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Joe Coscia (Potomac Economics)	<input type="checkbox"/>	<input type="checkbox"/>
Patrick Danner (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Caroline Decker.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Christina Duong.....	<input type="checkbox"/>	<input type="checkbox"/>
Grant Flagler (Con Ed Energy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Hall	<input type="checkbox"/>	<input type="checkbox"/>
Karl Hofer (Con Edison).....	<input type="checkbox"/>	<input type="checkbox"/>
Mariann Wilczek (PSEGLI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tim Lundin (LS Power)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Julia Popova (NRG).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ricardo Galarza (PSM)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Elynor Reyes.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Shah Saeed.....	<input type="checkbox"/>	<input type="checkbox"/>

Anand Chandrashekar.....	<input type="checkbox"/>	<input type="checkbox"/>
Manny Panaligan.....	<input type="checkbox"/>	<input type="checkbox"/>
Mark Magliola.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sushant Verghese.....	<input type="checkbox"/>	<input type="checkbox"/>
Ken Galarneau.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kathleen O’Hare.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jie Chen.....	<input type="checkbox"/>	<input type="checkbox"/>
Michael Swider.....	<input type="checkbox"/>	<input type="checkbox"/>
Benjamin Cohen.....	<input type="checkbox"/>	<input type="checkbox"/>
John Norris.....	<input type="checkbox"/>	<input type="checkbox"/>
Benjamin ORourke.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Leon Almadani.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lucy Khazanovich.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mackenzie Poulton.....	<input type="checkbox"/>	<input type="checkbox"/>
Richard Bratton (IPP NY).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Josef Figueroa.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arjun Malhotra.....	<input type="checkbox"/>	<input type="checkbox"/>
Leila Nayar.....	<input type="checkbox"/>	<input type="checkbox"/>
Mackenzie Poulton.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vincent Gabrielle.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Syeda Lubna.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Heidi Nielsen.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yannick Vennes.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pallavi Jain.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

No additional Agenda items.

3. Approval of Minutes for Meeting #292

Meeting minutes for previous meeting #292 were approved with comments incorporated.

4. Review of Action Item List – W. Gunther

List is unchanged from previous meeting.

5. Moving Nov 27th ICS to Nov 25th (Thanksgiving week) – W. Gunther

To avoid Thanksgiving week participation conflicts, the Nov 27th (Wednesday) meeting will be moved to Nov 25th (Monday).

6. Chair update on recent EC actions

The 2025-26 Sensitivity list presented to EC and was approved with no objections or recommendations.

7. Review of PBC Table 6-1 2025-2026 PBC IRM (ICS Approval item)– W. Gunther

Table 6-1 and the 2025-26 PBC IRM were reviewed and were unchanged from what was present at the August ICS meeting other than minor editorial changes to Table 6-1. The ICS approved both the PBC Table 6-1 and PBC IRM results.

8. Proposed Sensitivities for IRM 2025-2026 PBC – S. Ulagadde

NYISO will evaluate performing an additional sensitivity proposed by Mr. Younger involving the Oswego Complex that relates to transmission security analysis and return with a recommendation for further evaluation at the next ICS meeting.

9. Gas Constraint Sensitivities – A. Mohammed

ICS discussed Mr. Jordan's suggestion that we may need to re-evaluate Maintenance Modeling in the GE-MARS IRM model due to increasing/shifting Winter LOLE risk in the future. It was recommended to run future cases to evaluate potential impacts on IRM due to shifting maintenance periods and potential interaction with Gas Constraints. Mr. Younger supported this suggestion. Ms. Huang and Mr. Zhang suggested that this could be incorporated into the Modeling Strategic Plan to best utilize resources.

10. BTM Solar Sensitivity Results – M. Lucas

NYISO presented an overview of BTM Solar Sensitivity modeling efforts to date. To model BTM solar as a supply resource, both supply-side and load-side modeling need adjustments. The NYISO Gold Book was also used to develop hourly profiles for BTM solar load on a zonal basis.

- Modeling BTM solar as a supply resource would have increased the IRM for the 2025-2026 IRM PBC by 1.05%.
- LCRs for the 2025-2026 IRM PBC, as determined using the Tan45 methodology, would also increase (Zone J increases 0.90% and Zone K by 1.62%).
- Modeling BTM solar as a supply resource would also increase both LOLH and EUE values.

11. FBC Assumptions Matrix – H. Fox

Two corrections and three modeling assumptions were changed in the FBC Assumptions Matrix. Arthur Kill GT1 was updated, and Cable outage rates were also corrected as identified last ICS meeting. SCR reporting was also updated, with Zone F being separately listed vice included with Zone A thru E, overall values did not change.

12. Tan45 Methodology Whitepaper Review

- Case S-2 showed a dramatic flattening of the Tan45 curve and increased IRM with CHPE + 6,000 MW OSW included, using the existing Policy 5-18 methodology.

- Zone J and K LCRs also increase substantially.

Phase 2 Scope Development for alternative methodologies / enhancements to the Tan45 methodology were presented consistent with the Resource Adequacy Strategic Plan schedule.

13. Resource Adequacy Strategic Plan

ICS discussed the current Strategic Plan initiatives and priorities.

Near Term (2025-26) Plans:

- Tan45 Methodology Review
- Winter Modeling Improvements (fuel constraints, load, and topology)
- ELR Modeling and Output Limitation Review •
- Potential 2026 projects and initial whitepaper scopes to be confirmed with ICS at the end of 2025.

Focus for 2026-28

- 1: Continue the comprehensive review of Tan45 and LCR processes.
- 2: Continue to assess winter reliability and refine assumptions during winter season.
- 3: Continue the modeling improvement for ELRs, particularly the modeling for ESRs, hybrid storage resources, DERs, and SCRs
- 4: Continue assessment and potential adoption of synthetic load shapes

14. Additional Agenda Items

None.

Next Meeting

Meeting #294 –Wednesday, October 2nd, 2024, 10 am – NYISO KCC