

Final Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)**

**Meeting #298– November 25th, 2024**

**Microsoft Teams**

**Attendees** **Present**   **Phone**

**Members / Alternates:**

William Gunther (Con Edison – ICS Chair).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brian Shanahan (National Grid) .....	<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"/>
Richard Wright (CHG&E).....	<input type="checkbox"/>	<input 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 checked="" 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 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:**

Gary Jordon (ICS Consultant) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Adams (ICS Consultant) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Henry Fox (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dylan Zhang (NYISO) .....	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Lucas Carr (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Sanket Milind Ulagadde (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mikaela Lucas (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ryan Carlson (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Timothy Duffy (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Heidi Nielsen (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Abdul Mohammed (NYISO) .....	<input type="checkbox"/>	<input checked="" 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"/>
Wes Youmans (RRS/RCMS) .....	<input type="checkbox"/>	<input type="checkbox"/>
Herb Schrayshuen .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rick Gonzales .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Ackerman.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kristine Agati (Avangrid) .....	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
Mike Cadwalader .....	<input type="checkbox"/>	<input 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 type="checkbox"/>
Christina Duong.....	<input type="checkbox"/>	<input type="checkbox"/>
Grant Flagler (Con Ed Energy) .....	<input type="checkbox"/>	<input type="checkbox"/>
Chris Hall .....	<input type="checkbox"/>	<input type="checkbox"/>
Karl Hofer (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mariann Wilczek (PSEGLI) .....	<input type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (LS Power) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Julia Popova (NRG).....	<input type="checkbox"/>	<input type="checkbox"/>
Ricardo Galarza (PSM) .....	<input type="checkbox"/>	<input type="checkbox"/>

Elynor Reyes.....	<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 checked="" type="checkbox"/>
Lucy Khazanovich .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mackenzie Poulton .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Bratton (IPP NY) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Josef Figueroa .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vincent Gabrielle.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Haizhen Wang .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Marisa Dougherty .....	<input type="checkbox"/>	<input type="checkbox"/>
Tomasz Dziedzic .....	<input type="checkbox"/>	<input type="checkbox"/>
Claudia Bustamente .....	<input type="checkbox"/>	<input type="checkbox"/>
Jared Anderson .....	<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"/>
Pallavi Jain .....	<input type="checkbox"/>	<input type="checkbox"/>
Oyin Agunbiade.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Andrew Gregory.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arjun Malhotra.....	<input type="checkbox"/>	<input type="checkbox"/>
Leila Nayar.....	<input type="checkbox"/>	<input type="checkbox"/>
Shah Saeed.....	<input type="checkbox"/>	<input type="checkbox"/>
Sushant Verghese .....	<input type="checkbox"/>	<input type="checkbox"/>
Ken Galarneau.....	<input type="checkbox"/>	<input type="checkbox"/>
John Norris .....	<input type="checkbox"/>	<input type="checkbox"/>
Benjamin ORourke .....	<input type="checkbox"/>	<input type="checkbox"/>
Leon Almadani .....	<input type="checkbox"/>	<input type="checkbox"/>
Syeda Lubna .....	<input type="checkbox"/>	<input type="checkbox"/>
Yannick Vennes .....	<input type="checkbox"/>	<input type="checkbox"/>

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

No additional Agenda items.

**3. Approval of Previous Meeting Minutes**

Meeting minutes for previous meeting #297 were approved with minor comments incorporated.

**4. Review of Action Item List – W. Gunther**

No new items were presented. Action Item 220-1, there were no Transmission Owners that reported any Public Appeals for load reduction

**Chair update on recent EC actions**

The EC approved the Table 6-1 and the Table 7-1 Sensitivity Analysis List. EC requested that we round to 2 decimal places vs 3 places in the Tables. The Draft IRM Reports, BTM Solar Whitepaper and Tan45 whitepapers were reviewed by the EC. The EC was supportive of offshore wind hourly shapes being considered in the future. NYISO will be working with NPCC to accomplish this.

**5. Tan45 Methodology Review Whitepaper – L. Carr**

NYISO presented the Tan 45 methodology whitepaper which summarizes this year’s work identifying potential issues with the Tan 45 methodology and will be followed by another study in 2025 looking at potential solutions. It was observed that Tan 45 failed when significant amounts of capacity were added downstate via OSW and CHPE. Large capacity additions downstate (without significant load growth) will likely trigger corresponding fossil retirements, which would avoid significant excess capacity downstate. ICS approved the Tan45 Whitepaper, based on the inclusion of a statement to address Mr. Younger’s suggested review of shifting methodology (shifting via effective capacity of average thermal, etc.).

**6. 2025 IRM Study Technical Report – G. Jordan**

Gary Jordan presented the red lined third/final draft of the 2025 IRM Report. The EC recommendation of the results in Tables 6 and 7 being displayed to 2 decimal places was incorporated. Mr. Schrayshuen noted that the EC actually votes on an IRM to one decimal place. The final version will be provided to the Executive Committee for its December meeting. Minor editorial comments were suggested, and the 2025-26 Technical Report was approved by ICS.

**7. 2025 IRM Study Technical Report Appendices – J. Adams**

The updated draft Technical Report Appendices were presented by John Adams. A few minor editorial changes were included from the previous draft. The date and removal of draft status will be updated. The 2025-26 Technical Report Appendices were approved by the ICS.

**8. Additional Agenda Items**

A potential ICS Conference call could be necessary in January if an IRM is approved by the EC that varies from the calculated IRM.

**Next Meeting**

**Meeting #299 –Wednesday, January 8th, 2025, 10 am – MS Teams**