

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #290 – June 5th 2024
Microsoft Teams**

Attendees **Present** **Phone**

Members / Alternates:

Howard Kosel (ICS Chair)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
William Gunther (Con Edison – Acting 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 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 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 type="checkbox"/>
Bianca Prinsloo (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Anand Chandrashekar.....	<input type="checkbox"/>	<input type="checkbox"/>
Manny Panaligan.....	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>
Samantha Bergami.....	<input type="checkbox"/>	<input type="checkbox"/>
Katheleen O’Hare.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jie Chen.....	<input type="checkbox"/>	<input type="checkbox"/>
Michael Swider.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Benjamin Cohen.....	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>
Mackenzie Poulton.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Bratton (IPP NY).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mike Welch.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

- Added Policy 5 update review & approval.

3. Approval of Minutes for Meeting #289

- Meeting minutes for previous meeting #289 were approved with no changes.

4. Review of Action Item List – H. Kosel

- List is unchanged from previous meeting. List of Whitepaper work for this year will be updated to reflect completions and deferral of DER Modeling paper to next year, as DER data will not be available until July of this year.

5. Chair update on recent EC actions

- EC determined that the Gas Constraints updates would not be a part of the PBC or FBC basecases this model year.

6. Gas Constraints White paper – L. Carr

NYISO presented updated Tan45 results for varying assumed oil levels applied in the recommended fuel constraint modeling, as was requested at the May ICS meeting

- Available Oil vs Firm Oil characterization was discussed. Mr. Jordan believes that the existing “Available Oil” term is a more flexible characterization due to uncertainty regarding actual Firm vs non-Firm oil elections each year.

- Mr. Younger was concerned that if actual firm oil elections do not match model assumptions it will introduce concerns regarding market implications.
- The ICS approved the Whitepaper finalization and it will be presented to the Executive Committee at the next (June) meeting.

7. Tan45 Methodology Review – L. Carr

- Updated results were presented from test cases were presented along with a summary review of the existing Tan45 process.
- ICS discussed various Cases and permutations to be studied, particularly CHPE, the LI PPTN, OSW and various Solar combinations.
- NYISO will take recommendations from today’s discussion and run a reasonable set of analysis.

8. Alternative Load Shape Adjustment Method – M. Lucas

NYISO provided an updated comparison between the high load hours of actual load shapes, and the high load hours of modeled load shapes that are used in the IRM study last year, with the 2013, 2017 & 2018 years that are currently used for various load bins. New load shapes will represent less energy in the system and should result in a decrease in IRM. Modeling of BTM solar as generation pending a comprehensive load modeling improvement which is a priority for 2025. Sensitivity cases will be produced this Summer prior to any implementation of changes into the 2025-26 IRM study.

Key results: [see Meeting #290 presentation, p.9]

Using the alternative load adjustment method, the IRM from last year (2024-25), would decrease by 1.4% mostly from decreased total energy requirement that is modeled in the study. Locational capacity requirements would decrease by 0.2-0.5% using the alternative method.

M. Younger and G. Jordan expressed concern that all hours should be adjusted, not just off peak hours otherwise there would be no net effect from the adjustments. There were also concerns regarding the need to further evaluate alternative load shape method prior to using for determining IRM.

Mr. Evans expressed concern that doing a monthly basis load shape adjustment will over-represent high-load levels/bins.

NYISO will continue to review the alternative load shape adjustment method with the ICS.

9. New Generator Inclusion Screening – A. Mohammad

NYISO presented 3 new Solar generator’s to be included in the 2025/26 IRM study, based on the inclusion criteria process. Two are in Zone C and one in Zone F for a total of ~ 347 MW total. The ICS approved inclusion of the three new generators without comment.

10. 2025/26 IRM PBC Assumptions Matrix – B. Prinsloo

- Updated on PBC Assumptions Matrix population.

11. 2025/26 IRM PBC Parametric Results – B. Prinsloo

- Brief update on Parametric results to date. NYISO continued updating the MARS model and performing the parametric analysis which included updating Enhanced SCR Modeling (0.57%), Shifting Wind Shapes, and 2024 Gold Book Load Forecast (+0.42%).

12. Additional Agenda Items

Policy 5 Changes – J. Adams

- Mr. Adams presented a redlined version of Policy 5 with recommended revisions for consideration to ensure the Policy conforms with current practice. The changes were approved by ICS and will be presented at the June EC meeting for approval.

Next Meeting

Meeting #291 –Wednesday, June 26th, 2024, 10 am – NYISO KCC