

Final Minutes

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

Meeting #303– April 29th, 2025

Microsoft Teams & In-Person

Attendees **Present** **Phone**

Members / Alternates:

William Gunther (Con Edison – ICS Chair)	☐	☒
Brian Shanahan (National Grid)	☐	☐
Rich Bolbrock (Unaffiliated)	☒	☐
Clay Burns (National Grid).....	☐	☒
Ruby Chan (CHG&E)	☐	☒
Richard Wright (CHG&E)	☐	☒
Sanderson Chery (Con Edison).....	☐	☒
Ayman Elkasrawy (NYSEG/RG&E)	☐	☒
Jin Hao (NYSEG/RG&E).....	☐	☒
Jim Kane (NYPA)	☐	☒
Anthony Abate (NYPA)	☐	☐
Mike Mager (MI)	☐	☒
Chris Wentlent (MEUA).....	☐	☒
Mark Younger (Hudson Economics)	☒	☐
Hilme Athar (PSEG LI).....	☐	☒
Thomas Primrose (PSEG LI).....	☐	☒
Mike DeSocio	☒	☐

Advisers/Non-member Participants:

Gary Jordan (ICS Consultant)	☒	☐
John Adams (ICS Consultant)	☐	☐
Henry Fox (NYISO)	☒	☐
Dylan Zhang (NYISO)	☒	☐
Laura Popa (NYISO)	☐	☐
Max Schuler (NYISO)	☐	☐
Yvonne Huang (NYISO)	☐	☐
Otito Onwuzurike (NYISO)	☐	☐

Bianca Prinsloo (NYISO)	☒	☐
Lucas Carr (NYISO)	☒	☐
Sanket Milind Ulagadde (NYISO).....	☐	☐
Mikaela Lucas (NYISO)	☐	☐
Ryan Carlson (NYISO)	☐	☒
Timothy Duffy (NYISO)	☐	☐
Heidi Nielsen (NYISO).....	☒	☐
Abdul Mohammed (NYISO)	☐	☐
Brendan Long (NYISO)	☐	☐
Victoria Swider (NYISO)	☐	☐
Carter Hempstead (NYISO)	☒	☐
Adam Evans (DPS)	☐	☒
Richard Quimby (DPS).....	☐	☒
Randy Monica Jr. (DPS)	☐	☒
Wes Youmans (RRS/RCMS)	☐	☐
Herb Schrayshuen	☐	☐
Rick Gonzales	☐	☐
Alan Ackerman	☐	☐
Kristine Agati (Avangrid)	☐	☐
Leen Almadani (CHG&E)	☐	☐
Majdi Baccouche (NYSEG/RG&E).....	☐	☐
Patrick Danner (NYPA)	☐	☒
Liam Baker.....	☐	☐
Garrett Bissell.....	☒	☐
Mike Cadwalader	☐	☒
Andrea Calo (CES)	☐	☐
Joe Coscia (Potomac Economics)	☐	☐
Caroline Decker.....	☐	☒
Christina Duong.....	☐	☒
Grant Flagler (Con Ed Energy)	☐	☒
Chris Hall	☐	☐
Karl Hofer (Con Edison).....	☐	☒
Mariann Wilczek (PSEGLI)	☐	☒

Tim Lundin (LS Power)	☐	☐
Julia Popova (NRG).....	☐	☒
Ricardo Galarza (PSM)	☐	☐
Elynor Reyes.....	☐	☒
Kathleen O'Hare.....	☐	☐
Jie Chen	☐	☐
Michael Swider.....	☐	☐
Benjamin Cohen.....	☐	☒
Lucy Khazanovich	☐	☒
David Mirabella	☐	☒
Mackenzie Poulton	☐	☐
Richard Bratton (IPP NY)	☐	☒
Josif Figueroa	☐	☒
Vincent Gabrielle	☐	☐
Haizhen Wang	☐	☒
Marisa Dougherty	☐	☐
Tomasz Dziedzic	☐	☐
Claudia Bustamente	☐	☐
Jared Anderson	☐	☐
Anand Chandrashekar.....	☐	☐
Manny Panaligan.....	☐	☐
Mark Magliola	☐	☐
Mark Gaines	☐	☐
Pallavi Jain	☐	☐
Oyin Agunbiade.....	☐	☐
Andrew Gregory.....	☐	☐
Arjun Malhotra.....	☐	☐
Leila Nayar	☐	☐
Shah Saeed.....	☐	☐
Sushant Verghese	☐	☐
Kenneth Galarneau	☐	☒
John Norris	☐	☐
Benjamin ORourke	☐	☐

Leon Almadani	☐	☐
Syeda Lubna	☐	☐
Yannick Vennes	☐	☐
Jack Garrett	☒	☐
Afreen Vahora	☐	☐
Khatune Zannat (NPCC)	☐	☐
Stephen Conant	☐	☒
Keegan Guinn (NYISO).....	☒	☐
Nilkesh Gowalani	☐	☐
Pramila Nirbhavane	☐	☐
Ethan Avallone	☐	☒
Matthew Schwall	☐	☒
Diego Meucci	☐	☒

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

No additional agenda items identified.

3. Approval of Previous Meeting Minutes – T. Primrose

Meeting minutes for previous meeting #302 were approved with no comments.

4. Review of Action Item List – W. Gunther

The sole change was the update of the DER whitepaper status from drafted to approved.

5. Chair update on recent EC actions – W. Gunther

W. Gunther provided an update on the EC covering the following:

- The EC approved the NYISO proposal to use an available fuel estimate for this IRM cycle
- The DER whitepaper was approved by the EC

6. BTM Solar and ELM Whitepaper- D. Zhang

ICS reviewed the BTM Solar and ELM Whitepaper as previously presented and approved the whitepaper to go to the EC.

7. Champlain Hudson Power Express (CHPE) – L. Carr

L. Carr presented modeling considerations for CHPE in the 2026-2027 IRM Study covering the following:

- CHPE is a 1,250 MW high-voltage direct current (HVDC) transmission project connecting Hydro Quebec to Zone J with an estimated in service date of May 2026
- Modeling construct as developed during 2024 Tan45 Whitepaper

- Net effect of CHPE testing in 2024 Tan45 whitepaper was .1% increase to IRM and ~3.4% increase to Zone J LCR with 1% decrease in Zone K LCR
- Background on 2025 NYC reliability need:
 - NYISO's 2023 Quarter 2 STAR found a Near-Term Reliability Need beginning in the summer 2025 within New York City based on a deficient transmission security margin
 - Transmission security margin is expected to improve in 2026 if the CHPE project enters service on schedule in spring 2026
 - NYISO temporary solution included retention of Gowanus 2 & 3 and Narrows 1 & 2 barges with CHPE as permanent solution
- NYISO recommends modeling the Gowanus GT 3-6, Narrows GT 2-1, and Narrows GT 2-7 as out-of-service in the 2026-2027 IRM study due to recent IIFOs
 - These units represent 3 of 32 units at the Gowanus 2 & 3 and Narrows 1 & 2 sites (52.9MW of 573.7MW total summer capability)
- NYISO does not recommend adoption of CHPE into 2026-2027 IRM Preliminary Base Case (PBC) at this time, but does recommends continued monitoring of the project's status to inform the appropriate modeling assumptions for the 2026-2027 IRM FBC

M. Younger voiced disagreement with the NYISO proposal and commented that the interrelation of the Gowanus and Narrows barges and CHPE needed to be considered. Also voiced a need to skeptically view sensitivity results for CHPE based on cases pre-dating incorporation of fuel constraints.

M. Schwall commented with specific language from the STAR that points to continued identified need for peakers until CHPE is in place and demonstrates dependable capacity supply during summer conditions. He asserted that this language implies that CHPE and the peakers could co-exist for some time.

M. Younger opined that identified reliability need diverges from current capacity market indication of significant capacity excess in Zone J, and that the peakers should be removed from service immediately once CHPE is in service. Also voiced a need for sensitivity work with CHPE out and peakers in service.

M. DeSocio concurred and asked for additional detail on how CHPE modeling decision was reached and commented that not modeling CHPE does not prepare the NYISO to maintain reliability once the project is in service. M. Mager concurred, but noted that peakers may not exit market immediately after CHPE comes in service. C Wentlent voiced support for inclusion of CHPE in base case, with sensitivity work for CHPE not in service. M. Younger also voiced need to do sensitivity as a Tan45 rather than a parametric, and need for all model sensitivities to be done by the September meeting.

D. Zhang replied that the NYISO wants to wait and see more information develop before including project in a base case, noting that a myriad of risks could result in delays. NYISO agreed to take this proposal back for reconsideration hearing that ICS generally supported inclusion of CHPE in PBC. Also tentatively confirmed ability to produce draft CAFs a month after the PBC is complete.

Stakeholders also discussed PBC, CAF, and TSL timelines in relation to a NYISO stakeholder discussion on moving the Aug 1 generator firm fuel election deadline.

G. Jordan voiced that both permutations of CHPE in service need to be done but CHPE should be included in the basecase.

L. Carr commented that the NYISO will continue to monitor the situation and will provide periodic updates to ICS. NYISO will finalize PBC and sensitivity assumptions at next ICS.

8. SCR Preliminary Values IRM 2026-2027 – C. Hempstead

C. Hempstead presented an update to the IRM 2026-2027 Demand Response preliminary values covering the following:

- Background on SCR zonal response rate methodology accepted in 2025-2026 IRM Study
 - SCR program has a 4 hour performance obligation with performance based on best 4 hours of call (any 4 within the event).
- Additional data inputs since 2025-2026 IRM Final Base Case (FBC) include Winter 2023-2024 and Summer 2024 SCR Performance Test hours (2 hours) and Summer 2024 SCR Event hours (15 hours, comprised of 3-5 hour events)
- Small improvements in response rates shown for Zones A-E, G-I, J, with modest decline shown in Zone F.

G. Jordan noted that SCR values drop to zero in hours with no historical data which may not reflect true performance limits of SCRs. M. Mager added that limitations on length of calls may mask true ability of SCRs to respond. Suggested basing “extrapolated” performance on neighboring zones (I.E. Zone E and F SCRs may perform similarly given similarity in composition).

Stakeholder discussion occurred regarding maximum duration of need in the model such as in bin 1, in comparison to maximum duration of need observed in historical data.

G. Jordan requested to see a comparison of presented data (history back to 2012) versus a smaller dataset with a more recent lookback (5 year history).

9. IRM 2026-2027 PBC Parametric Results– H. Fox

H. Fox presented an update for the IRM 2026-2027 PBC Parametric Results covering the following

- Generation Deactivations and IIFOs (-.11% IRM impact)
- Solar Shapes update to 2020-2024 (-.05% IRM impact)
- Preliminary SCRs update (-.05% IRM impact)
- Non-material changes of landfill gas shapes, run of river hydro shapes, and land-based wind shapes

Stakeholders requested timeline for fuel constraints parametric modeling. NYISO responded that they plan to incorporate changes after Gold Book step updates.

M. Younger suggested that fuel constraints should be incorporated prior to CHPE inclusion due and that both CHPE and fuel constraints should be modeled as Tan45 analyses.

10. IRM 2026-2027 PBC Assumptions Matrix- H. Fox

H. Fox presented an update for the IRM 2026-2027 PBC assumptions matrix covering the following:

- Deactivations totaling 100.9MW
- New shape years (2020-2024) for solar, landfill gas, run of river hydro, and land based wind
- SCRs max capacity decreased from 1280.8MW to 1269.7MW and response rates updated as detailed in SCR Preliminary Values IRM 2026-2027 presentation

11. Draft Policy 5 Updates – J. Adams

G. Jordan presented a walkthrough of draft Policy 5 updates. Major updates include supporting text for environmental regulations, fuel availability constraints, DER modeling, and BTM solar modeling. Straw poll voting updates also incorporated. Other updates largely limited to formatting and editorial changes.

W. Gunther voiced a need for future policy 5 updates to include controls around determination of fuel availability in future IRM cycles.

Stakeholder discussion ensured about possible need for future Policy 5 edits surrounding Policy 5 external area modeling and other criteria limits.

12. Retirement celebration for Mark Younger and welcome to Mike DeSocio- Y. Huang

ICS voiced well wishes for Mark in his retirement and gratitude for his significant contributions over many years.

13. Additional Agenda Items

No additional agenda items identified

Next Meeting

Meeting #304 –Wednesday, June 4th, 2025, 10 am – MS Teams