

Final Minutes

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

Meeting #319 – August 5th, 2026

Microsoft Teams

Attendees

Present Phone

Members / Alternates:

Thomas Primrose (PSEG LI – ICS Chair)	☒	☐
William Gunther (Con Edison)	☐	☒
Brian Shanahan (National Grid)	☐	☒
Rich Bolbrock (Unaffiliated)	☒	☐
Clay Burns (National Grid)	☐	☒
Ruby Chan (CHG&E)	☐	☒
Caroline Decker (CHG&E)	☐	☐
Seamus Gorman (CHG&E)	☐	☐
Sanderson Chery (Con Edison)	☐	☐
Ayman Elkasrawy (NYSEG/RG&E)	☐	☒
Jin Hao (NYSEG/RG&E)	☐	☐
Jim Kane (NYPA)	☐	☒
Patrick Danner (NYPA)	☒	☐
Mike Mager (MI)	☐	☒
Chris Wentlent (MEUA)	☐	☒
Hilme Athar (PSEG LI)	☐	☒
Mike DeSocio (Luminary)	☐	☒

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)	☒	☐

Bianca Prinsloo (NYISO)	☒	☐
Lucas Carr (NYISO)	☐	☐
Sanket Milind Ulagadde (NYISO)	☐	☐
Ryan Carlson (NYISO)	☐	☒
Heidi Nielsen (NYISO)	☐	☐
Brendan Long (NYISO)	☐	☐
Carter Hempstead (NYISO)	☐	☐
Garrett Bissell (NYISO).....	☒	☐
Kathleen O'Hare (NYISO)	☐	☒
Josif Figueroa (NYISO).....	☐	☐
Pramila Nirbhavane (NYISO).....	☐	☐
Ethan Avallone (NYISO)	☒	☐
Keegan Guinn (NYISO)	☐	☒
Pallavi Jain(NYISO)	☐	☐
Oyin Agunbiade (NYISO)	☐	☐
Andrew Gregory (NYISO)	☐	☐
Arjun Malhotra (NYISO).....	☐	☒
Claudia Bustamente (NYISO)	☐	☐
Leila Nayar (NYISO).....	☐	☐
Sushant Varghese (NYISO).....	☒	☐
Diego Meucci (NYISO).....	☐	☒
Benjamin O'Rourke (NYISO)	☐	☐
Jack Garrett (NYISO)	☐	☐
Afreen Vahora (NYISO)	☐	☐
Syeda Lubna (NYISO)	☐	☐
Akin Aroge (NYISO)	☐	☐
Manish Sainani (NYISO)	☐	☐
Zach T. Smith (NYISO)	☐	☐
Helena Frudit (NYISO).....	☐	☒
Chris Hamilton (NYISO).....	☐	☐
Aaron Markham (NYISO)	☐	☐
Rajesh Subramanian (NYISO).....	☒	☐
Alexis Drake (NYISO).....	☐	☐

Ansa Altaf (NYISO)	☐	☐
Yi-An Chen (NYISO)	☐	☒
Ross Altmann (NYISO).....	☐	☐
Raj Dontireddy (NYISO).....	☐	☐
Dominic Riendeau-Krause (NYISO)	☒	☐
Ava Sealander (NYISO).....	☒	☐
Max Kim (NYISO).....	☐	☐
Muskaan Gaur (NYISO)	☒	☐
Joe Carman (NYISO).....	☐	☐
Brendan Donnelly (NYISO).....	☐	☐
Jillian Cola (NYISO).....	☒	☐
Phumthep Bannak (NYISO).....	☒	☐
Mikaela Lucas (GE)	☐	☐
Matt Elkins (GE)	☐	☐
Adam Evans (DPS).....	☐	☐
Richard Quimby (DPS)	☐	☐
Randy Monica Jr. (DPS).....	☐	☐
Holly Quattrociocchi (DOS).....	☐	☐
Wes Yeomans (RRS/RCMS)	☐	☐
Kristine Agati (Avangrid).....	☐	☒
Leen Almadani (CHG&E).....	☐	☐
Andrea Calo (CES)	☐	☒
Joe Coscia (Potomac Economics)	☐	☐
Mike Cadwalader (Atlantic Economics).....	☐	☒
Grant Flagler (Con Ed Energy)	☐	☒
Karl Hofer (Con Edison)	☐	☒
Lucy Khazanovich (PSEGLI)	☐	☒
David Mirabella (PSEGLI)	☐	☐
Manny Panaligan (PSEGLI).....	☐	☐
Mark Magliola (PSEGLI)	☐	☐
Mariann Wilczek (PSEGLI).....	☐	☐
Peter Andolena (PSEGLI).....	☐	☐
Aaron Breidenbaugh (PSEGLI)	☐	☐

Tim Lundin (LS Power)	☐	☒
Julia Popova (NRG)	☐	☐
Ricardo Galarza (PSM)	☐	☐
Richard Bratton (IPP NY).....	☐	☐
Khatune Zannat (NPCC)	☐	☐
Herb Schrayshuen (NYSRC).....	☐	☐
Amanda De Vito Trinsey (NYSRC)	☐	☐
Vincent Gabrielle (RTO Insider)	☐	☒
Marie French (Politico)	☐	☐
Eve Marenghi (Luminary)	☐	☒
Ray Stalter (Luminary)	☐	☒
Michael Lenoff (Earth Justice)	☐	☐
William Sanchez (NYSERDA)	☐	☐
Rick Gonzales	☐	☒
Elynor Reyes	☐	☐
Michael Swider	☐	☐
Benjamin Cohen	☐	☐
Mackenzie Poulton	☐	☒
Haizhen Wang.....	☐	☐
Jared Anderson	☐	☐
Mark Gaines.....	☐	☐
Kenneth Galarneau.....	☐	☒
John Norris	☐	☐
Leon Almadani	☐	☐
Yannick Vennes.....	☐	☐
Stephen Conant	☐	☒
Nilkesh Gowalani	☐	☐
Matthew Schwall	☐	☐
Stephanie Palmer	☐	☐
James Pigeon	☐	☐
John Haff	☐	☒
Matthew Napoli.....	☐	☐
Alan Ackerman.....	☐	☐

Marisa Doherty.....	☐	☐
Scott Niemann	☐	☐
Vaibhav Parekh.....	☐	☐
Travis Atkinson	☐	☐
Daniel Jerke	☐	☐
Timothy Duffy (NYPA).....	☐	☒
Ryan Martin	☐	☐
Andrew Davis (Mercuria).....	☐	☐
Jordan Gross (Mercuria)	☐	☐
Leonard Ashley (NYSERDA).....	☒	☐
Scott Berthiaume.....	☐	☐
Steve Whitley.....	☐	☒
Derek Hagaman	☐	☒
Caelan Schaefer	☐	☐
Adam Bednarczyk	☐	☐
Adam Fam.....	☐	☒
Charlotte Gebhard.....	☐	☒
Christopher Jylkka	☐	☐
Gabriel Centi.....	☐	☐
Bryan Irrgang	☐	☐
Howie Li	☐	☐
Kacie Rettig.....	☐	☒
Mary McColgan	☐	☒
Samantha Bergami	☐	☒

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

No additional agenda items noted, though some agenda items will be rearranged to improve staff availability.

W. Gunther asked if there is follow-up to a comment T. Primrose made at ICAP Working Group on differences in transfer limits in the IRM model and RNA model for 2027. NYISO replied that they have consulted Operations and are discussing between teams internally.

3. Approval of Previous Meeting Minutes – P. Danner

Meeting minutes for previous meeting #318 were approved with no edits.

4. Review of Action Item List – T. Primrose

T. Primrose noted there were no substantive changes as the list was scrolled through for meeting participants.

5. Chair update on recent EC actions – T. Primrose

T. Primrose provided an update on the EC covering the following approvals received:

- the Winter Fuel Constraints Report
- the NYISO Maintenance Modeling recommendations
- the 2027-2028 IRM PBC Assumptions Matrix
- NYSRC Policy 5-20

He also noted that EC approved the 2027 NYSRC meeting schedule.

6. 2027-2028 IRM PBC Parametric Results — R. Subramanian

The Material Changes R. Subramanian mentioned were:

- #16 (Voluntary Curtailment MW Update) there was an update for ConEd territory, i.e., 74MW of voluntary curtailment
- #17 (Firm Transactions Update) updated the wheel-through: 300MW Summer, 0 Winter resulting in a .17 increase
- #18 (Winter Fuel Availability Constraints Modeling Update) resulted in a .35 decrease
- #19 (External Data + Policy 5 Adjustment) all four external control areas from NPCC resulted in a .49 increase. C. Wentlent asked for additional detail on the external data and Policy 5 adjustments. S. Varghese noted that this includes updating 4 external areas from the NPCC CP-8 MARS case in addition to Policy 5 adjustments that prescribe modeling areas external to NYCA at no better than their LOLE criteria with an IRM no higher than their own requirement. NYISO noted that load growth and increased intermittency in external control areas also may contribute to parametric impact.

R. Subramanian then mentioned non-material changes 8 – 10.

7. 2027-2028 IRM PBC Proposed Sensitivity Cases – Approval Item – S. Varghese

S. Varghese presented the Proposed Sensitivity Cases. Two sensitivities were added to improve clarity for stakeholders based on ICS/EC feedback. Sensitivity S07 tests “No New Generator Inclusion”, and Sensitivity S08 tests “2020-2024 Thermal EFORd Data”. These Tan45 sensitivities demonstrate individual impact of two of the largest drivers of year over year IRM/LCR change.

Standard annual sensitivities include NYCA-isolated, no internal NYCA transmission constraints, no LFU, and no wind capacity (all wind). NYISO recommended adding a Tan45 sensitivity based on direct modeling of firm fuel character elections for the 2026-2027 Capability Year and removing the No Special Case Resource (SCR) Capacity sensitivity. NYISO also recommended a Tan45 base case

assumption sensitivity for Empire and Sunrise Wind (Showing impact of including the Empire and Sunrise Wind units).

There were no objections to the Proposed Sensitivity Cases, thus they are approved.

8. 2027-2028 IRM PBC Tan45 Results – A. Sealander & D. Riendeau-Krause

A. Sealander reported that the 2027-2028 IRM Preliminary Base Case Tan45 results for the IRM were 5.2% higher than the 2026-2027 Final Base Case. Winter reliability risk decreased relative to the prior study year, primarily due to increased modeled fuel availability. The Unforced Reserve Margin, which is a new and more stable criterion to report on than the IRM, increased by 2.1% relative to the 2026-2027 FBC.

Stakeholders asked how the presented URM and year over year change compares to historical values. NYISO replied that the URM is within range of historically observed figures as well as year over year variation, referencing the [Historic NYCA Capacity Parameters](#) linked as the 4th attachment on the Key Observations slide. M. Cadwalader noted that while URM impact of new generators was smaller than IRM impact, he was still surprised by the URM impact. He further added that the new generators added 428 MW to UCAP based on UCAP translation factors but only resulted in 177MW of perfect capacity benefit under Tan45 shifting. NYISO replied that this is correct and that they are looking into drivers. Stakeholder discussion occurred regarding the differences between UCAP translation factors and market CAFs (capacity Accreditation Factors). M. DeSocio noted the presentation was helpful and asked for a breakdown of ICAP modeled and shifted by Zone, NYISO added that this information is in the Tan45 points and curves document.

On the TSL impact assessment, R. Gonzales noted that the Zone J gap dropped from ~6% in the 2026-2027 FBC to ~2% based on PBC and preliminary TSL floors. NYISO noted that this is correct, and that several data updates including recommendations from the TSL-LCR Working Group as well as thermal EFORd data update contributed to the increase in the Tan45 Zone J LCR, with overall impact largely consistent with parametric analysis.

W. Gunther asked if the IRM had been benchmarked against that of NY's neighbors, and A. Sealander reported that she would take it back for consideration.

D. Riendeau-Krause reported the impact of TSL Floor Values, which are higher than the Tan45 result for Zones J and K.

- By adjusting the LCRs to respect the preliminary TSL floor values while maintaining the IRM from Tan45 results, the LOLE decreases from 0.100 to 0.080.
- By adjusting the LCRs to respect the preliminary TSL floor values while maintaining the LOLE at criteria, the IRM decreases by 1.4%.
- Compared to the 2026–2027 final TSL floor values and the IRM FBC, the gap between the preliminary 2027– 2028 TSL floor values and the IRM PBC Tan45-determined locational requirements is smaller.

9. 2027-2028 IRM PBC Tan45 Points and Curves (Posting Only)

10. Demand Response: 2027-2028 IRM Study Final Base Case Values – J. Cola

J. Cola presented Final Base Case values for Demand Response resources in the 2027-2028 IRM Study, as well as background on the methodology and inputs used in forming their recommendation. NYISO also provided detail behind additional steps used in calculating January SCR values. Additional data used in informing changes to the SCR model from 2026-2027 IRM FBC include:

- Winter 2024-2025 and Summer 2025 SCR performance test hours – total of 2 hours
- Winter 2025-2026 performance test hours – total of 1 hour
- Summer 2025 SCR event hours – total of 62 hours
- Winter 2025-2026 SCR event hours – total of 55 hours

The incremental data is part of a larger SCR dataset spanning all event hours, by zone, from mandatory events from Summer 2012 through Winter 2025-2026, as well as all performance test hours from Summer 2012 through Winter 2025-2026. Overall July max modeled SCR capacity for the 2027-2028 FBC decreased to 574.5MW compared to 727MW in the IRM 2026-2027 FBC (679.6MW in 2027-2028 PBC). 346.4MW of SCR capacity was recommended for modeling in January in the 2027-2028 FBC.

J. Cola also covered Distributed Energy Resource (DER) Aggregation Enrollments. 340.5MW of DER resources are recommended for modeling in the 2027-2028 FBC (all but 0.5 MW of which are in Zones A-E), down 140MW from the 2026-2027 FBC because some resources did not transition from DSASP as expected. More detail, including SCR response rates, are available in the attached.

M. Mager questioned the relevance of retaining SCR data dating back to 2012. NYISO noted that data will eventually be “rolled-off” based on inclusion rules, but that it is important to maintain enough data to support response rate calculation across durations and locations. T. Primrose commented that the extra information provided by NYISO on data inclusion was helpful and noted a graphic may be helpful to demonstrate quantity and age of data supporting various response rates.

11. Additional Agenda Items

T. Primrose reported on G. Jordan’s request from the prior meeting: there were no public appeals to reduce power usage however TOs did invoke various load reduction programs.

Y. Huang expressed interest in having a mid-August (i.e., Aug. 25) meeting for PBC approval.

No other additional agenda items were identified.

Upcoming Meetings

Meeting #320 –Tuesday, August 25th, 2026, 10:00 am—MS Teams

Meeting #321 –Wednesday, September 2nd, 2026, 10:00 am—NYISO KCC & MS Teams