

Final Minutes

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

Meeting #315– March 31st, 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).....	☐	☒
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).....	☐	☐
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)	☐	☐
Aaron Breidenbaugh (C Power)	☐	☐
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.....	☐	☒

Ryan Martin .....	☐	.....	☐
Andrew Davis.....	☐	.....	☐
Leonard Ashley (NYSERDA).....	☐	.....	☐
Scott Berthiaume.....	☐	.....	☐
Steve Whitley.....	☐	.....	☐
Derek Hagaman .....	☐	.....	☐
Caelan Schaefer .....	☐	.....	☐
Adam Bednarczyk .....	☐	.....	☒
Adam Fam.....	☐	.....	☒
Charlotte Gebhard .....	☐	.....	☒
Christopher Jylkka .....	☐	.....	☒

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

R. Gonzales provided an update on the IRM/TSL working group. They met on March 24 and continued review of 2 items: reduced emergency assistance limits over controllable lines into New York City, and the operational reserves maintained during load shedding. They are also evaluating the impacts of NYC reserves increasing once CHPE is in service. He plans to provide another update at the next ICS meeting.

W. Gunther inquired about the ICF Winter Fuel Constraints Study, which was not on this meeting's agenda though at last month's meeting the NYISO planned to return to the topic at this March 31 meeting. His supposition that the topic is being deferred to the April 28 meeting was confirmed.

G. Jordan reminded the ICS that policy calls for the standard error of the Installed Reserve Margin (IRM) being 0.025 of the mean loss of load expectation (LOLE), consistent with a 95% confidence level, but last year (because timely completion could not be guaranteed for the 8,000+ replications that would have been required to achieve it) the requirement was relaxed to 90%, with the end result being 94%. Given that this year is starting from a case that's not at the 95% criteria, he is recommending to start with the 90% requirement and 2000 replications. The NYISO has studied this and the impact on IRM & LCRs is <0.1%. He plans to provide more detail, including charts, at the next meeting. Policy 5 edits would be required if this proposed change is supported. W Gunther opined that this should be raised to EC's attention.

No additional agenda items noted.

3. Approval of Previous Meeting Minutes – P. Danner

Meeting minutes for previous meeting #314 were approved with no edits.

4. Review of Action Item List – T. Primrose

T. Primrose highlighted that the main change is on page 2: Evaluate EOP activations now has additional detail regarding focus areas: possible efficiencies from EOP re-ordering (emergency

purchases in relation to voluntary curtailment and public appeals) and recent SCR calls during “normal” operating state.

W. Gunther noted that good progress was being made on the in-progress white papers and inquired as to whether the deferred ELR white paper could be pursued this year. The NYISO answered that they are hoping to wrap-up efforts on the current white papers and shift their focus to production work.

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

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

- EC approved the 2027-2028 IRM milestone schedule
- On March 23 the PSC issued an order approving the 2026-2027 IRM

6. Parametric Improvements Update – D. Riendeau-Krause

D. Riendeau-Krause described how the Parametric Split methodology applies capacity adjustments sequentially to Upstate (Load Zones A-F) and Downstate (Load Zones G-K) regions rather than as a single system-wide adjustment. He then described additional testing the NYISO conducted to further evaluate the impacts of generation resource updates and load forecast updates on parametric process results relative to Tan45 results.

W. Gunther inquired as to why Zone D was chosen for Upstate, and D. Riendeau-Krause replied that it was one of the zones showing the most divergence in prior Tan45 shifts, and so it made sense to test something that was expected to drive divergence.

D. Riendeau-Krause then presented the results of additional testing:

- For load forecast updates, the results indicate that the Parametric Split methodology reduces divergence between parametric results and the corresponding Tan45 results.
- For generation resource updates, the Upstate generation addition reduced divergence, but the Downstate generation addition increased divergence.

Consequently,

- The NYISO recommends adopting the Parametric Split methodology for evaluating load forecast updates starting with the 2027-2028 IRM study
- For generation resource updates, additional investigation on the test case results is needed to inform an initial recommendation.
- For transmission updates, the NYISO recommends maintaining the current parametric methodology

The NYISO plans to finalize its recommendation next month.

7. Maintenance Modeling & Output Factor Curves - Current Methodology – K. O’Hare

K. O'Hare provided a recap of last month's presentation on NYISO's maintenance outage management practices. She then described how the MARS model represents unit-specific forced unavailability using the Generator Transition Rate Matrices (GTRM) to simulate a probabilistic four-state representation of generators using the most recent 5-years of Generator Availability Data System (GADS) data. Events with a 9300 cause code are included in the GTRM unit-specific unavailability modeling, as are planned and maintenance derating event types (D4, DM, and PD). Planned and maintenance outage event types (PO, MO, Etc.) are currently not factored into the MARS GTRM.

K. O'Hare then described how currently in the IRM study, a fixed 50 MW of planned summer maintenance is assumed (split equally among Load Zones J and K), to represent the assumed aggregated maintenance impacts during summer peak conditions, and that this value is reviewed annually.

J. Pigeon inquired as to how this compares to the summer & winter adequacy assessments, and was informed that those studies look at OMS (Outage Management System) and so use a forecast, whereas this process uses the prior year's GADS events.

NYISO will return to a future ICS meeting to review the annual assessment used to inform the current summer maintenance assumptions modeled in the IRM study.

8. Seasonal Topology Update – A. Sealander

A. Sealander reviewed historical changes in emergency thermal transfer limits. She then presented the results of additional analysis requested at the prior ICS to assess the effects of transmission limit increases during the winter months for multiple interfaces. A minimal impact to LOLE (-0.0003) was observed, indicating that higher winter transfer limits did not have a significant effect on LOLE under PBC conditions. The observed results were consistent with analysis presented at the prior ICS.

A. Sealander also presented the results of NYISO tests on the 2026-2027 IRM PBC with all internal NYCA interface transfer limits decreased during the winter period, as well as various tests to assess the potential impact of coincident changes to interface limits based on observations in past NYISO operations studies, planning assessments, and previous seasonal topology testing efforts.

The results indicate that a decrease in the downstate winter interface limits (i.e., reduced flow capability downstate) would not be mitigated by an increase in upstate transmission capability during the winter months. Based on these tests, winter LOLE risk in the 2026-2027 IRM study model was not observed to be materially impacted by increases or decreases in transmission capability during the winter period. As winter risk increases, the NYISO recommends monitoring the effects of seasonal topology updates on resource adequacy metrics as part of the annual PBC development.

T. Primrose suggested that Y49/Y50 and Jamaica Ties may not have been impacted because of a total limit constraint, and A. Sealander replied that they would take another look.

9. Additional Agenda Items

T. Primrose noted that NERC posted materials for their recent Probabilistic Analysis Forum, and referenced his prior distribution of the following links to ICS members:

- [Day 1 Event Page](#)
- [Day 2 Event Page](#)
- [Day 3 Event Page](#)

No other additional agenda items were identified.

Next Meeting

Meeting #316 –Tuesday, April 28th, 2026, 10:00 am–NYISO KCC & MS Teams