

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #263 – August 03, 2022
Microsoft Teams**

Attendees **Present** **Phone**

Members / Alternates:

Brian Shanahan (National Grid) ICS Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Noor Leghari (NYSEG/RG&E) ICS Vice Chair / Secretary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rich Bolbrock (Unaffiliated)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ruby Chan (CHG&E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Cordi (NYPA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Dellatto (PSEG LI).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ayman Elkasrawy (NYSEG/RG&E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jim Kane (NYPA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Howard Kosel (Con Edison).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Mager (MI)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chris Wentlent (MEUA).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mark Younger (Hudson Economics)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Advisers/Non-member Participants:

Alan Ackerman (CES).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Adams (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Leen Almadani (CHG&E)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ethan Avallone (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samantha Bergami (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Josh Boles (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mitch Braun (Unknown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steven Gill (Unknown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pallavi Jain (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jie Chen (Potomac)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grant Flagler (Con Ed Energy)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kenneth Galarneau (Rise Light & Power)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Ricardo Galarza (PSM Consulting)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ying Guo (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Karl Hofer (Con Edison).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yvonne Huang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Syeda Lubna (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kathleen O'Hare (Unknown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lucas Carr (Unknown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gary Jordon (ICS Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scott Leuthauser (HQUS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Randy Monica Jr. (DPS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Otito Onwuzurike (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Benjamin Cohen (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kevin Osse (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Carl Patka (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Madeline Mohrman (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Bratton (Unknown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Laura Popa (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Julia Popova (NRG).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Quimby (DPS).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Max Schuler (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Andrew Tighe (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gabriel Centi (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shashwat Tripathi (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Roll Call – N. Leghari

- Roll call was conducted.

2. Introduction and Request for Additional Agenda Items - B. Shanahan

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3. Approval of Minutes for Meeting #262 – B. Shanahan

- Minutes of meetings #261 was approved
- Minutes of meetings #262 was approved after minor edits

4. Review of Action Items List – B. Shanahan

- B. Shanahan reviewed the list of Action Items, Current White Paper Topics, Model Improvement work in 2022 and Future (2023 and beyond) White Paper Study Topics.
- M. Younger- raised the point that why “Improvements to MARS modeling of ESRs for a high renewable environment” is there. Need to address when there is high penetration of Battery Storage. Recommend removing it.

5. Chair update on recent EC actions – B. Shanahan

- Chris Wentlent (MEUA) is nominated as new chair
- Domino, Mark (National Grid) as vice chair
- Pre-base case assumption matrix was approved
- EC action items – Which sensitivity will have Tan45 associated with them
- J. Boles request to perform additional sensitivity surrounding Y49 outage
- EC accepted white paper for High Renewables

6. Final SCR Model Values – M. Braun

- NYISO calculates SCR zonal performance factors for IRM studies based on historical SCR performance.
- M. Younger - Need to drop the fatigue factor from the description. It could be misleading.
- M. Braun – Will take it back and discuss
- Additional inputs since 2022 IRM studies were presented
- M. Mager - Accounting for the fact that how one zone performs that the other
- M. Braun – There is accounting for multiple zones
- Y. Huang - SCR model is zone specific
- M. Younger – raised a question that have the values presented has been 2023 incorporated in para metric results.
- Currently this has not been incorporated.
- M. Younger - has the ISO done analysis of call performance vs test performance. does ISO study separate summer and winter performance
- M. Braun - Performance test is single hour and test is a four hour. Will take it back and check.
- DER Aggregations will be required to make an Annual Election for each Capability Year.
- Capacity Accreditation discussions are ongoing between the NYISO and Stakeholders at ICAPWG/MIWG/PRLWG meetings.

7. ICS Approves Sensitivity List – R. Carlson

- R. Carlson - Presented the sensitivity list and opened the door for questions.
- J. Dellatto - Is there a plan to do traditional sensitivity or 1045 sensitivity
- R. Carlson - One item is listed only Tan 45 if ICS decided to add Y49 they can.
- Y. Huang – EC direction was whether we should model it using class average of transmission line
- B. Shanahan – Class average for a new cable for a transition rate was the request. Which of sensitivity 6 to 9 as we to have it as Tan 45? NYISO is recommending sensitivity 8.
- M. Younger – It’s not realistic to include Tan 45 sensitivity in every case. Backward looking average. Massively understated outage of this line. Because of that IRM for the state was lower than what it should have been.
- Should it be treated differently what constitutes a new line than repair or upgrade.
- Ask EC how much impact we have for sensitivity case.

- B. Shanahan - Present EC running the sensitivity with transitional rate provided by NYPA and policy 5 revision in future.
- J. Boles - We know how we are going to do sensitivity cases 1 to 8. For 9 what is reduction capability and for 10 what outages going to use.
- B. Shanahan - Run sensitivity from 1 to 10. Detail methodology for 9. For sensitivity 10 NYISO will work with affected TO's to what outage rate to use.

8. Preliminary Base Case Parametric Results Update – R. Carlson

- IRM 2023 Preliminary Base Case Parametric Results were what NYISO was expecting.
- M. Younger – What information can NYISO tell Zone J average before and after Peaker retirement.
- R. Carlson - NYISO can provide that information but also refer to presentation earlier this year.
- NYISO can take this action item and provide help explain 4% deviation.
- M. Younger - ISO identify changes in generation. Are those included in topology that are included in step 9. any assumption changes that are not included.
- R. Carlson – Yes, they are included.
- Only addition ISO have from last time is update to Solar shapes has negligible downward impact on the IRM.
- M. Younger – Will ISO be able to have any concern finishing these additional parametric in time and Tan45 August meeting.
- NYISO should not have any concerns.
- M. Younger - Will NYISO do alternative LCR run.
- R. Carlson - After Tan45 complete. Not exact timelines, guess is Mid-September 2022.

9. Additional Agenda Items

- EC meeting – We should start looking at Winter Peak load forecast system in future.
- M Mager – It's in the future so don't know how much time to spend now.
- M. Younger - Suggest taking this in two stages. Look at the modeling and assumptions we are using now. Which areas to review in winter.
- B. Shanahan – Add it to future work list. ICS mid-August meeting is going to reschedule to August 22nd due to a meeting conflict at NYISO.

Next Meeting

Meeting #264 – August 22, 2022, 10 am – Microsoft Teams