

**Draft Minutes**

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)  
Meeting #266 – September 14, 2022  
Microsoft Teams**

**Attendees** **Present**   **Phone**

**Members / Alternates:**

Brian Shanahan (National Grid) <b>ICS Chair</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Noor Leghari (NYSEG/RG&E) <b>ICS Vice Chair / Secretary</b> .....	<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"/>
Ayman Elkasrawy (NYSEG/RG&E) .....	<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"/>
Khatune Zannat (PSEG LI) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rich Wright (CHG&E) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Advisers/Non-member Participants:**

John Adams (ICS Consultant) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dave Allen (EC Consultant) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Leen Almadani (CHG&E) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Josh Boles (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adam Evans (DPS) .....	<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"/>
Karl Hofer (Con Edison).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yvonne Huang (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kathleen O'Hare (NYISO) .....	<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"/>
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"/>
Ben O'Rourke (NYISO) .....	<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"/>
Timothy Duffy (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Christina Duong (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Andrea Calo (CES) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sushil Silwal (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**

- Announcement - Kathleen O'Hare will work in Y. Huang's team.

**3. Approval of Minutes for Meeting – B. Shanahan**

- Minutes of meetings #264 – Approved.
- Approval of minutes of meetings #265 will be differed till October 05<sup>th</sup>.

**4. Chair update on recent EC actions – B. Shanahan**

- Potential changes to Policy 5 need to be updated.
- EDRP discussion removed or revised.

**4.1. Decision on Sensitivity #10 Inclusion in Final IRM Report**

- Continue progressing on sensitivity. Not definite to include. Final decision will be later. This is still open item. Discuss when M. Mager will be at EC meeting.

**5. Review of New Load Shapes Sensitivity #8 Results – L. Carr**

- L. Carr – Discussed the results for 2023 -2024 IRM New Load Shape Sensitivity Case
- M. Younger - Can NYISO provide tables of LOLE for the external area in the base case and in the sensitivity case.
- L. Carr – Yes NYISO can provide that.
- G. Jordon – Basically risk occurs withing 10 % of the peak.
- M. Mager – Why zones are so different.
- Max - Mostly have to do that with annual peak days. Original analysis was focus on at the NYCA level.
- NYCA, there were 137 total hours with the Old Load Shapes and 50 total hours with the New Load Shapes that fell within 10% of the peak load.

- The New Load Shapes reduce the IRM and LCRs due to a steeper decline from the peak hour, particularly in Bin 2.
- The New Load Shapes also shift the high-risk hours for LOLE to later in the day.
- M. Younger - Is it possible to get spread sheet that show base shape used steps that went through final net shape. Annually hourly load or net shapes on hourly basis.
- Max – Possible to put together information. NYISO will take it back and think it over.
- M. Younger – In the past years we provided 5-year generation shape for the intermittent. That’s not been provided this year. Very helpful for understanding.
- Y. Huang – At this point we are not getting final data. Pre base case version 1 data and final base case version 3 data.

## **6. Additional Agenda Items**

- B. Shanahan - Ultimately intent is new load shapes to incorporate them in the models. We have decided to run the sensitivity before and then throw it to the final base case so we can separate out any changes. In October ICS meeting we have to make a decision on including this into the final base case a new load shapes.
- Y. Huang – Next meeting we have to arrive at a recommendation on new load shape. Focus will be start updating the data that came out of PBC.
- M. Younger - NYISO want to do this as a separate sensitivity case rather than including base case from beginning. It might give unexpected result.
- From NYISO end nothing was concern.
- Y. Huang – Next meeting ICS reviews and approves preliminary sensitivity results. If we are moving to new load shape that will be captured in the assumption matrix. Then conduct Tan45.
- NYISO goal is to have presentation next month to get TSL methodology out. With preliminary LCR given the update methodology with TSL.

### **Next Meeting**

**Meeting #267 – October 05, 2022, 10 am – Online Microsoft Teams**