

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)  
Meeting #243 – February 3<sup>rd</sup>, 2021  
Telephone Conference**

**Attendees**

**Present    Phone**

**Members / Alternates:**

Brian Shanahan (National Grid <b>ICS Chair</b> .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Paul Didsayabutra (NYSEG/RGE) <b>ICS Vice Chair / Secretary</b> .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Wright (CHG&E) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ruby Chan (CHG&E).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Howard Kosel (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sanderson Chery (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Dellatto (PSEG LI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Khatune Zannat (PSEG LI) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mariann Wilczek (PSEG LI) .....	<input type="checkbox"/>	<input type="checkbox"/>
Richard Brophy (NYSEG-RGE).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (NYPA) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Michaels (NYPA).....	<input type="checkbox"/>	<input type="checkbox"/>
Mark Younger (Hudson Energy Economics, LLC – Wholesale Sellers) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Wentlet (Municipals & Electric Coops) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mike Mager (Couch White – Large Consumers) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Clay Burns (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Bolbrock (Unaffiliated Member) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Advisers/Non-member Participants:**

Jack DiOdoardo (CHG&E) .....	<input type="checkbox"/>	<input type="checkbox"/>
John Adams (Consultant) .....	<input type="checkbox"/>	<input type="checkbox"/>
Ricardo Galarza (PSM Consulting) .....	<input type="checkbox"/>	<input type="checkbox"/>
Scott Leuthauser (HQUS) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Greg Drake (Consultant) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Josh Boles (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Frank Ciani (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Ryan Carlson (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Carl Patka (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nate Gilbraith (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jonathon Newton (Direct Energy) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Quimby (DPS).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Adam Evans (DPS) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Hall (NYSERDA).....	<input type="checkbox"/>	<input type="checkbox"/>
Dan Mahoney (NYPA) .....	<input type="checkbox"/>	<input type="checkbox"/>
Jim D’Andrea (LS Power).....	<input type="checkbox"/>	<input type="checkbox"/>
Jim Kane (NYPA) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kevin Osse (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ying Guo (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Erin Hogan (UIU) .....	<input type="checkbox"/>	<input type="checkbox"/>
Norman Mah (Con Ed Energy) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Matt Cinadr (E Cubed) .....	<input type="checkbox"/>	<input type="checkbox"/>
Chris Gloria (ConEd).....	<input type="checkbox"/>	<input type="checkbox"/>
Matthew Schwall (IPPNY) .....	<input type="checkbox"/>	<input type="checkbox"/>
Kenneth Galarneau(Direct Energy) .....	<input type="checkbox"/>	<input type="checkbox"/>
Norman Mah (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Liam Baker (Eastern Generation) .....	<input type="checkbox"/>	<input type="checkbox"/>
Brian Krall (East Coast Power & Gas) .....	<input type="checkbox"/>	<input type="checkbox"/>
Yvonne Huang (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Andrea Calo (Unknown) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dan Jerke (CPV) .....	<input type="checkbox"/>	<input type="checkbox"/>
Karl Hofer (Con Edison).....	<input type="checkbox"/>	<input type="checkbox"/>
Mike Welch (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Randy Monica (Unknown) .....	<input type="checkbox"/>	<input type="checkbox"/>
Julia Popova (Unknown) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Craig Bury (Unknown).....	<input type="checkbox"/>	<input type="checkbox"/>
Zack Smith (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Amanda Moyott (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>

Charles Alonge (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris LaRoe (Unknown) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Matthieu Plante (HQ) .....	<input type="checkbox"/>	<input type="checkbox"/>
Patti Caletka (Unknown) .....	<input type="checkbox"/>	<input type="checkbox"/>
Laura Popa (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Max Schuler (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Zachary Hutchins (Unknown) .....	<input type="checkbox"/>	<input type="checkbox"/>
Jie Chen (Unknown) .....	<input type="checkbox"/>	<input type="checkbox"/>
Robert German (Unknown) .....	<input type="checkbox"/>	<input type="checkbox"/>
Nelson Eng (ConEd) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ben O'Rourke (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Eduardo Ibanez (GE) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mitch Bringolf .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Zahid Qayyum .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- **Roll Call**
  - Roll call was conducted.
- **Introduction and Request for Additional Agenda Items**
  - Chair Brian Shanahan called the NYSRC ICS meeting to order at 10:00 A.M. on February 3<sup>rd</sup>, 2021.
  - The agenda was modified to include items 8.3 and its 4 sub-items (8.3a-8.3d). These include the Investigation of TAN-45 and the discussion of 3 whitepapers (LFU, ELR, and SCR).
- **Approval of Minutes for Meeting #242– –B. Shanahan**
  - The Meeting Minutes for Meeting #242 was approved.
- **Review of Action Items List – – B. Shanahan**
  - Item 197-1: Mr. Gilbert reported the expected export from lower Hudson is not materialized and suggested this item should be removed from the list. Several members expressed some concerns regarding the recommendation. As a result, this item will remain on the list.
  - Item 220-1: A correction was made to the scheduled completion date of this task. The new milestone is Fall 2021.
  - Item 233-1: No change.
- **Approval of any tasks (list of) for the 2022 study – – N. Gilbraith**
  - ?
- **Approval of Milestone Schedule – – B. Shanahan**
  - Several members discussed potential changes to the milestone. These include moving the “ICE approves final draft 2022 IRM report” to November. However, due to some concerns that this change could impact other issues. Mr. Shanahan recommended the group to review and reconsider the schedule change again in the future.
  - Mr. Younger also suggested an adjustment to the milestone in August to accommodate the UDR issue. The NYISO will provide some feedback regarding this issue in the future.
- **First draft of 2021 Preliminary Case Assumptions Matrix – – K. Osse**
  - Mr. Osse reported the development of the case assumptions is still ongoing.
  - The current assumptions matrix document needs more information in many areas. However, the expected date of completion for each data item has been provided.
  - There were some discussion regarding UDR/CRIS assumptions, the upcoming due date and potential modification to the matrix, particularly for item #27. However, at the end, the group decided that no modification should be made at this point.
  - Mr. Ciani and Mr. Younger suggested that version number, the title, or the date should be added to the document. Mr. Osse agreed to explore these options and include them in the next version.
  - The agenda was modified to include items 8.3 and its 4 sub-items (8.3a-8.3d). These include the Investigation of TAN-45 and the discussion of 3 whitepapers (LFU, ELR, and SCR).
- **Approval of new models’ (white paper) scopes – B. Shanahan**
  - Mr. Eduardo Ibanez from GE gave a presentation regarding the Development of EL3 and ES models for ELR presentation. The presentation explores the current practices and the model

enhancements which include the new Energy-limited resources (EL3) model that is being implemented in the software.

- The LFU analysis is being finalized.
  - Investigate TAN-45 versus Optimized Results Scope: Mr. Gilbraith presented this topic and there were some discussion and comments regarding the title and the content of this whitepaper. Mr. Gilbraith will make the modifications to the document and report back to the ICS for the updates.
  - LFU Whitepaper: The initial results (Phase 1) of this study will be presented at the ICS meeting and the Load Forecast Taskforce in March. The impact analysis (Phase 2) will be completed in April or May. A request for the scope approval will be made in June 2021 and it is anticipated the study will be finalized in January or February 2022.
  - ELR Whitepaper: GE will present an update regarding this issue in March. The NYISO will also report back to the group regarding the results from utilizing the updated models.
  - SCR Whitepaper: Mr. Gilbraith will send out a revised scope of this study to the ICS.
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- **NYISO LCR Study Update – N. Gilbraith**
    - Chair Brian Shanahan called the NYSRC ICS meeting to order at 10:00 A.M. on February 3<sup>rd</sup>, 2021.
    - The agenda was modified to include items 8.3 and its 4 sub-items (8.3a-8.3d). These include the Investigation of TAN-45 and the discussion of 3 whitepapers (LFU, ELR, and SCR).
  
  - **White paper topics – prioritize the list – B. Shanahan**
    - Chair Brian Shanahan called the NYSRC ICS meeting to order at 10:00 A.M. on February 3<sup>rd</sup>, 2021.
    - The agenda was modified to include items 8.3 and its 4 sub-items (8.3a-8.3d). These include the Investigation of TAN-45 and the discussion of 3 whitepapers (LFU, ELR, and SCR).
  
  - **Review of current load shape adjustment procedure – Y. Guo**
    - Mr. Guo, a NYISO staff, presented 3 different LCR load shapes. These models will be presented at the February ICAP meeting as well.
    - Mr. Gilbraith will provide a document that contains a link to the NYISO load shapes to the ICS in March
  
  - **New resource inclusion rules – Y. Huang**
    - Ms. Huang, a NYISO staff, presented the proposed approach to include new resources in the IRM base case. The NYISO plans to implement this approach in the future studies.
  
  - **Presentation on the increased number of EOP calls – N. Gilbraith**
    - Ms. Gilbraith discussed the 221 Final Base Case IRM study results and the increased activation of Emergency Operating Procedures (EOP).
    - The NYSRC EC has directed the ICS to review the EOP steps and consider if potential modifications are warranted.
  
  - **Additional Agenda Items –**
    - No additional agenda item

#### **Next Meeting**

**Meeting #244 – Wednesday March 3<sup>rd</sup>, 2021, 10 am – Telephone Conference**