

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)  
Meeting #232 – June 3rd, 2020  
Telephone Conference**

**Attendees**

**Present    Phone**

**Members / Alternates:**

Ruby Chan (CHG&E) <b>ICS Chair</b> .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brian Shanahan (National Grid) ICS Vice Chair / Secretary.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Wright (CHG&E) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Howard Kosel (Con Edison).....	<input type="checkbox"/>	<input type="checkbox"/>
Sanderson Chery (Con Edison).....	<input type="checkbox"/>	<input 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>
John Adams (Consultant) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ricardo Galarza (PSM Consulting) .....	<input type="checkbox"/>	<input type="checkbox"/>
Scott Leuthauser (HQUS) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Akm Saijadul Islam (NYDPS).....	<input type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Newpon (Direct Energy) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Quimby (NYDPS) .....	<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 checked="" type="checkbox"/>
Jim D’Andrea (LS Power).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jim Kane (NYPA) .....	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>
Maeve Conway (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Norman Mah (Con Ed Energy) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Matt Cinadr (E Cubed) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 1) Roll Call

- Roll call was conducted.

## 2) Introduction and Request for Additional Agenda Items

- Chair Ruby Chan called the NYSRC ICS meeting to order at 10:00 A.M. on June 3rd, 2020.

## 3) Approval of Minutes for Meeting #231

- A page turn of the Minutes was conducted with minor editorial comments added.
- ICS approved Meeting #231 minutes.

## 4) Review of List of Tasks for 2021 Study

- Tasks reviewed with all items on schedule.

## 5) White Paper

### 5.1 External Area Modeling progress update – [img alt="document icon"] – Y. Guo

- Highlights of presentation: Single area representations of PJM and NE are under review (any possible changes are not for 2021 study). PJM representation as a single bubble had very small effect. NE single area caused our IRM to go up by 2%. Possible reason is that western NE capacity cannot reach Boston and therefore helps NY. In a single area representation, it can help Boston and does not get to NY causing NY's IRM to increase. Mr. Younger identified a concern that changing to single area external representations would cause even more IRM whipsawing than before.

## 6) High Renewable White Paper Follow-up

### 6.1 Guidelines to ICS from the High Renewables Study – [img alt="document icon"] – H. Kosel

- Recap of White Paper presentation to the EC was provided. The derate factor for renewables may need to be revisited to ensure an accurate representation, along with future work on storage resources. Mr Drake indicated that the model's representation of renewables (hourly production data) is appropriate. What is under question is the determination of the amount of capacity being removed and/or shifted during the IRM process.

### 6.2 Follow-up Recommendations – R. Chan

- Five recommendations and action plan were presented for ICS review. Item #2 was updated to be a study of the reliability value of renewables including a possible Effective Load Carrying Capability (ELCC) effort.

## 7) Tan 45 shifting methodology presentation [img alt="document icon"] – N. Gilbraith

- Discussion on the curve possibly failing with increasing renewable penetration.
- NYISO will discuss recommendations from the presentation with GE and evaluate other tan45 methodologies. NYISO would like comments and would update plan efforts

## 8) TAM UCAP Calculations – K. Osse

- Concluded that value of renewables in the model is less than the Tailored Availability Metric calculated values. Pointed to the IRM methodology as the possible reason. Further analysis was recommended.

**9) Preliminary transmission topology – [icon] – F. Ciani**

- Item was previously presented to TPAS and again at today's ICS meeting. Changes to the 2020 topology, as well as discussion of the RNA topology was provided.
- IP retirement effect update (UPNY-Con Ed +1000 MW, Dunwoodie S -50 MW), dummy bubbles used for new generation in LHV are no longer needed,
- PJM-SENY group limit no longer needed.
- A couple small Long Island interface rating adjustments.

**10) 2021 draft PBC Assumptions Matrix – [icon] – M. Conway**

- Updated status of Matrix items and changes since last meeting.
- On track to have PBC matrix approved at June 23 ICS meeting

**11) Proposed Policy 5 revisions – [icon] – G. Drake**

- Draft Policy 5 revisions were approved by ICS and will be presented to EC at the next meeting for approval.

**12) Correlation of Intermittent Resources - Addendum [icon] – N. Gilbraith**

- Wording of conclusion changed. The ICS Chair will bring back to EC Addendum was approved by ICS and will be presented to EC at the next meeting for approval.

**12.1 Parametric\_Results – N. Gilbraith**

- The only material change reported was a 0.7 increase in IRM due to new load forecast uncertainty model.
- There was a discussion on the status of the future LFU white paper. Adams and NYISO are coordinating

**13) Additional Agenda Items**

- None

**Next Meeting**

**Meeting #233 – Tuesday June 23rd, 2020, 10 am – Telephone Conference**