

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)  
Meeting #231 – April 28, 2020  
Telephone Conference**

**Attendees**

**Present    Phone**

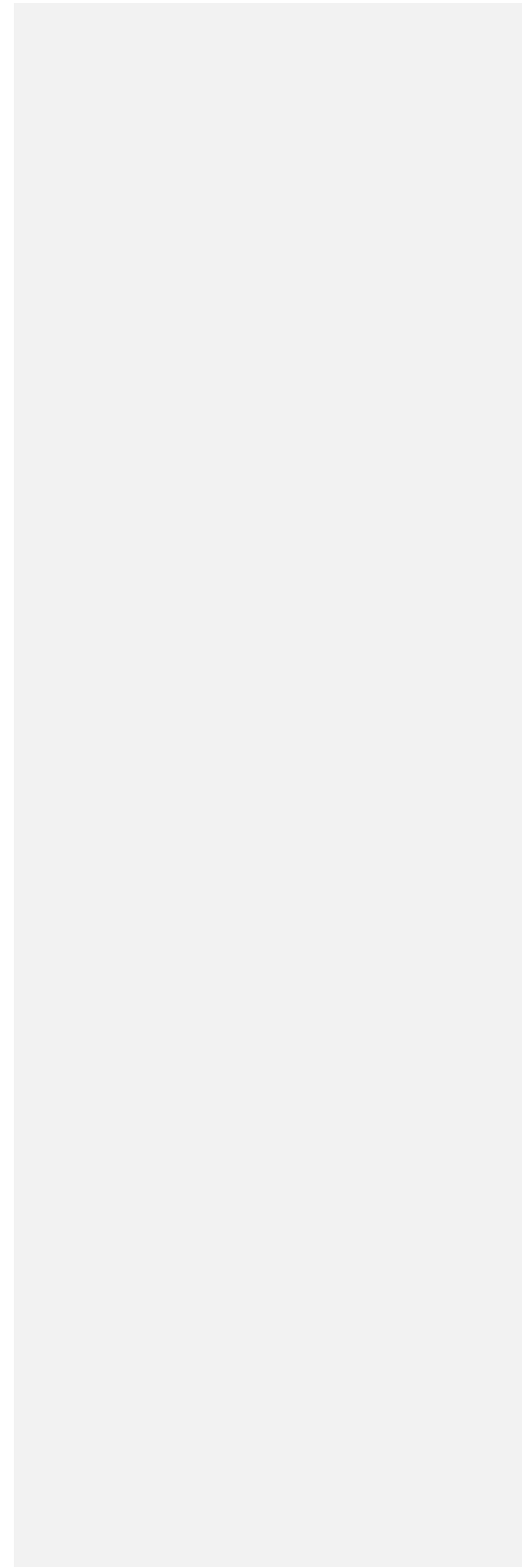
**Members / Alternates:**

|   |                          |                                     |
|---|--------------------------|-------------------------------------|
| 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 checked="" type="checkbox"/> |
| John Dellatto (PSEG LI).....  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Khatune Zannat (PSEG LI) .....  | <input type="checkbox"/> | <input 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 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 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"/> |
| Steve Lemme (NYISO) .....                  | <input type="checkbox"/> | <input type="checkbox"/>            |
| Ken Galarneau (Direct Energy).....         | <input type="checkbox"/> | <input type="checkbox"/>            |
| Richard Quimby (NYDPS) .....               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Adam Evans (DPS) .....                     | <input type="checkbox"/> | <input type="checkbox"/>            |
| Chris Hall (NYSERDA).....                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Dan Mahoney (NYPA) .....                   | <input type="checkbox"/> | <input type="checkbox"/>            |
| Matthieu Plante (HQUS) .....               | <input type="checkbox"/> | <input type="checkbox"/>            |
| Mike Welch (NYISO).....                    | <input type="checkbox"/> | <input type="checkbox"/>            |
| Zach Smith (NYISO) .....                   | <input type="checkbox"/> | <input type="checkbox"/>            |
| Jim D'Andrea (LS Power).....               | <input type="checkbox"/> | <input type="checkbox"/>            |
| Max Schuler (NYISO) .....                  | <input type="checkbox"/> | <input type="checkbox"/>            |
| Jack O'Connell (NYISO).....                | <input type="checkbox"/> | <input type="checkbox"/>            |
| Hoël Wiesner (NYISO) .....                 | <input type="checkbox"/> | <input type="checkbox"/>            |
| Jeremiah Brockway (NYISO).....             | <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"/> |
| Natara Feller (Feller Law Group).....      | <input type="checkbox"/> | <input type="checkbox"/>            |
| Ying Guo (NYISO) .....                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arthur Maniaci (NYISO) .....               | <input type="checkbox"/> | <input type="checkbox"/>            |
| Erin Hogan (UIU) .....                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Brian Kroll (East Coast Power & Gas) ..... | <input type="checkbox"/> | <input type="checkbox"/>            |
| Gloria Patterson (Con Edison) .....        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Riaz Khan (NYISO) .....                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Emily Conway (NYISO) .....                 | <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 April 28th, 2020.

**3) Approval of Minutes for Meeting #230**

- A page turn of the Minutes was conducted with minor editorial comments added.
- ICS approved Meeting #230 minutes.

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

- AI 190-1: Recommend making this item Complete.
- AI 197-1: Recommend making this an annual occurring task every Spring.
- AI 203-1, 205-1: Several people expressed a desire to have NYSRC webpages open a new tab versus going directly to the selected link via the same webpage.
- AI 204-1: Load shape selection is ongoing. White Paper will be ready for next year.
- AI 220-1: No update.
- AI 228-1: Will be updated later in this meeting.
- AI 228-2: Will be updated later in this meeting.
- AI 228-3: Will be updated later in this meeting.
- AI 228-4: Will be updated later in this meeting.
- AI 228-5: Updated information will be provided at next ICS meeting.
- AI 228-6 and 228-8: will be discussed later in this meeting.
- AI 228-9: Obtaining NDA's in progress.
- AI 229-1: Will be updated later in this meeting.
- AI 229-2: Will be updated later in this meeting.

**5) White Paper**

- 5.1 Study Year Issue – Recommendation for ICS approval – [redacted] – R. Carlson
- Only change recommendation is to hold simulation year at 2019 for the 2021, 2022 IRM Study. ICS Approved the White Paper.
- 5.2 Correlation of Intermittent Resources – Recommendation for ICS approval – [redacted] – K. Osse
- Paper was reviewed and conclusions regarding offshore and onshore wind production were clarified. [ICS Approved the White Paper.](#) The paper will be presented to the Executive Committee for approval at the next EC meeting.

**6) High Intermittent Renewable**

6.1 Final High Intermittent Renewable White Paper – [redacted] – R. Chan

- EC has approved the Paper and it has been posted.

6.2 High Intermittent Renewable follow-up recommendations – [redacted] – N. Gilbraith

- NYISO continues to work on recommendations.

### 6.3 Tailored Availability Metric – [E] – E. Conway

- Presentation provided. Proposing to reward thermal generation for their summer performance. Intermittent resources can get better payments if they perform longer than 4 hours (6 or 8).
- A recommendation was made for a new Action Item ~~for an White Paper~~Action Item for next year, which would to evaluate whether MARS can accommodate transition rate changes for EFORD and UOL calculations and monthly weighting factor methodology changes.
- NYISO will return to the June 4<sup>th</sup> ICS meeting to discuss the impact of the Tailored Availability Metric market design on renewable resource UCAP ratings.

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### 7) Modeling SCR data and recommendation – [E] – F. Ciani

- NYISO recommends that SCR calls be modeled using 15 days per year versus present 5 days per month. Analysis shows little difference in 15 calls/year versus 5 calls/month. This is approved by ICS and will be evaluated by ICS every fall.

### 8) Load Forecast Uncertainty update – [E] – C. Alonge

- LFU increasing in all zones except K.

### 9) Load Forecast Uncertainty presentation – [E] – J. Adams

- John will work with Demand forecasting group on a scope for white paper. A new Action Item will be created.

### 10) Status of preliminary transmission topology – [E] – F. Ciani

- A presentation of proposed topology changes was provided.
  - Indian Point retirement incorporated, will have significant impact.
  - UPNY-SENY Model Simplification: Units modeled in Zones versus Bubbles.
  - External Model simplification.
  - Testing continues, more changes possible by due date in May.
- NYISO was asked to combine the past presentations to TPAS to help in comparing last year's model to this year's, to have a comprehensive view of all the changes.
- ICS ~~voted no to relying on Load Forecasting approval alone~~affirmed their desire for to have both TPAS and ICS to review for topology changes.

### 11) Review 2021 draft PBC Assumptions Matrix

- Rating factors obtained. ~~Item is complete.~~

### 12) Proposed Policy 5 revisions – [E] – G. Drake

- Draft Policy 5 revisions were presented for discussion.
- NYISO comments on section 3.8 acceptable, they will provide needed updates to sections 3.4 and 4.2 (in aligning to section 3.8). Need raw graphs from NYISO to update some pol 5 graphs.
- Changes expected to be approved changes at next ICS meeting (6/3/20)

### 13) Additional Agenda Items

- None

**Next Meeting**

**Meeting #230 – June 3rd, 2020, 10 am – Telephone Conference**

