

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)  
Meeting #229 – March 4, 2020  
NYISO Corporate Center, Rensselaer NY**

**Attendees**

**Present    Phone**

**Members / Alternates:**

Ruby Chan (CHG&E) <b>ICS Chair</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brian Shanahan (National Grid) ICS Vice Chair / Secretary.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rich Wright (CHG&E) .....	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>
Richard Brophy (NYSEG-RGE).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (NYPA) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alan Michaels (NYPA).....	<input type="checkbox"/>	<input type="checkbox"/>
Mark Younger (Hudson Energy Economics, LLC – Wholesale Sellers) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chris Wentlet (Municipals & Electric Coops) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mike Mager (Couch White – Large Consumers) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rich Bolbrock (Unaffiliated Member) .....	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>
Akm Saijadul Islam (NYDPS).....	<input type="checkbox"/>	<input type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input type="checkbox"/>
Greg Drake (Consultant) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Josh Boles (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frank Ciani (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Ryan Carlson (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Carl Patka (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO) .....	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>
Adam Evans (DPS) .....	<input type="checkbox"/>	<input type="checkbox"/>
Chris Hall (NYSERDA).....	<input type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>
Natara Feller (Feller Law Group).....	<input type="checkbox"/>	<input type="checkbox"/>
Ying Guo (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Arthur Maniaci (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Erin Hogan (UIU) .....	<input type="checkbox"/>	<input type="checkbox"/>
Brian Kroll (East Coast Power & Gas) .....	<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 March 4th, 2020.

### **3) Approval of Minutes for Meeting #228**

- A page turn of the Minutes was conducted with no editorial comments added.
- ICS approved Meeting #228 minutes

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

- Information For AI 197-1 was presented. New York capacity obligations are similar to last year. NYISO presented the recent FCM auction in New England. The number was 529 MW, which was close to the previous 524 MW, mostly upstate, that were provided earlier.
- AI 228-1 Update given on RNA group recommendations. A presentation is on track for future meeting.
- AI 228-2, Discussion regarding Load Forecast Uncertainty. Issue is still on track for presentation during the April 28<sup>th</sup> meeting.
- AI 204-1: A White Paper will be prepared next year regarding load shape selection. Work being evaluated includes use of historical data or projected load shapes.

### **5) Discussion on BTM solar integration into load forecast**

- At present there are no explicit load shape or load profile adjustments that are considered when the IRM study is performed for the sake of solar. The impacts of solar on Demand side are accounted for in the load forecasts. Currently, around 1,800-2,000 MW of capacity exist at any particular hour and is variable. Additional comments and discussion was provided for load shape differences presented by BTM penetration. Mr. Younger recommended that in a future meeting that NYISO Planning present information on this to inform the committee.

### **6) Status of High Renewable White Paper Recommendations**

- Paper was presented to Executive Committee last month. Comments are being incorporated and final approval expected at the next EC meeting.
- Recommendations are contained in ICS Agenda items

### **7) Discussion of Draft 2021 Preliminary Case Assumptions Matrix**

- The draft preliminary Matrix was presented, which will be finalized following the annual Gold Book update. Suggested modifications to the 2021 Matrix were presented, including a new column for Estimated IRM Impact.

### **8) Status of White Papers:**

#### **8.1 Study Year issue – – R. Carlson**

- Study year updates were presented based on efforts to date. Recommendations will be provided at the next meeting.

#### **8.2 Input alignment of intermittent resources – – N. Gilbraith**

- No significant impact seen when evaluating last year's IRM results using year-aligned weather data for wind (onshore to offshore), solar, run-of-river hydro generation assumptions. Minimal impact possibly due to the presently small penetration of renewables (especially PV).

### 8.3 External Control Area Modeling Scope Update – – J. Adams

- ICS Approved the External Area Modeling Scope with no objections.

## 9) Proposed MARS modeling changes in the NYISO RNA Study – F. Ciani

### 1.1. Energy Storage Resources

- Initial RNA proposed changes recommends consolidating EOP steps, such as EOP Steps 2 and 3. These are being considered through the ESPWG.
- Also proposing to reduce the number of EOP steps by combining EDRP, SCR generation, and SCR load into one step. May also be combining voluntary industrial curtailments with public appeals.

### 1.2. Special Case Resource (SCRs)

- Recommended to change number of SCR calls to 15 per year vs 5 per month in MARS. NYISO will report on impact assessment of this change at next meeting.

### 1.3. Summer Maintenance

- Recommendation is to not remove 50 MW summer maintenance assumption in IRM model.

## 10) Requests for TO's input on preparation of preliminary transmission topology – R. Chan

- Topology will be available on or about March 15th. ConEd Transmission Planning have been involved with the RNA team and reviewed the topology. LIPA will have the topology review completed by April 28<sup>th</sup>.

## 11) Status of Policy 5 revisions – G. Drake

- Mr. Drake has completed a review of the document and will be sending out a marked up copy for review/comment in the near future.

## 12) Status of ICS website improvement – – R. Chan

- Effort is in progress.

## 13) Need for ICS annual report, an Outline – – G. Drake

- First ever annual report being planned for early 2021 review/approval. An outline of the report was discussed.
- ICS sees value in summarizing and documenting important activities that took place during the year.

## 14) Additional Agenda Items

- None

### Next Meeting

Meeting #230 – April 1st, 2020, 10 am – NYISO Corporate Center, Krey Blvd, Rensselaer