

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)  
Meeting #228 – January 28, 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Dmitriy Kiselev (Con Edison) .....	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Chris Wentlet (Municipals & Electric Coops) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mike Mager (Couch White – Large Consumers) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Al Adamson (Consultant) .....	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Ken Galarneau (Direct Energy).....	<input type="checkbox"/>	<input checked="" 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 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 checked="" 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 type="checkbox"/>
Kevin Osse (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Natara Feller (Feller Law Group).....	<input type="checkbox"/>	<input type="checkbox"/>
Ying Guo (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arthur Maniaci (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Erin Hogan (UIU) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roger Clayton (RRS & RCS Chair) .....	<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 January 28, 2020.

## 3) Approval of Minutes for Meeting #227

- A page turn of the Minutes was conducted with two editorial comments added.
- ICS approved Meeting #227 minutes

## 4) Review of Updated 2020 ICS meeting schedule

- Date changes for two meetings were noted (June and September). The NYISO Calendar reflects the correct dates for each meeting.

## 5) Review of the High Renewable Resource Case White Paper

- Additional comments and discussion was provided for several sections.

## 6) 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.

## 7) Approvals sought:

### 7.1 Draft Milestone schedule – [redacted] – G. Drake

- Minor changes were incorporated from last year, mainly related to shifting dates to get earlier involvement from TO's and date changes to correspond to ICS meeting dates. Item was approved by ICS.

### 7.2 List of Tasks for 2021 Study (formerly Action Items list) – [redacted] – R. Chan

- 190-1: No update.
- 197-1: No update. Expecting an update by next meeting.
- 203-1 & 205-1: The IRM Study Guide item will become a website improvement initiative to better access and learn about IRM topics.
- 204-1: Load shape selection is assigned to Nate Gilbraith. A new AI will be created (204-2) to provide a presentation on Load Forecast Uncertainty as it has developed over the last 20 years. Timeframe for completion is TBD.
- 220-1: Clarified that the intent of AI 220-1, regarding Public Appeal data, is for ICS to track actual Public Appeal data, specifically. the quantity of load reduction actually achieved should it be implemented by TO's.
- 227-1: 2020 Whitepaper Selections: Discussed in Item 7.3.

### 7.3 White Paper Scopes:

All of the following Scopes were approved to present to the Executive Committee with comments incorporated.

#### 7.3.1 Study Year issues – [redacted] – R. Carlson

- Whitepaper Scope presented. Various MARS modeling concerns were discussed including ESR's and external area modeling techniques.

#### 7.3.2 RA with large quantities of non-dispatchables – [redacted] – K. Osse

- Whitepaper Scope not developed yet. ICS discussed the potential scope for the white paper and that it should be considering “intermittent in front of the meter generation” versus “non-dispatchable” which is potentially a broader group of generation.

#### 7.3.3 External Area Modeling – [redacted] – N. Gilbraith

- Whitepaper Scope was reviewed and comments incorporated. These included clarifications that the goal of the whitepaper is to evaluate external control area representations; and that the paper should realistically consider the amount of transfers and emergency assistance that would be available.
- Mr. Adams suggested that “10 minute reserve” be added to the second paragraph’s final sentence regarding the emergency assistance limit of 3,500 MW.

#### 7.3.4 Input Alignment of Intermittent Resources Production Correlation – [redacted] – K. Osse

- Whitepaper Scope was reviewed and minor scope comments incorporated.

### **8) Preparation of preliminary transmission topology and requests TO’s input – N. Gilbraith**

- Topology was presented and will be sent to TPAS for review.

### **9) Policy 5 revisions – G.Drake**

- No update

### **10) Status of IRM study guide**

- An update on plans for NYSRC website improvement was provided.

### **11) Additional Agenda Items**

- None

### **Next Meeting**

**Meeting #229 – March 4th, 2020, 10 am – NYISO Corporate Center, Krey Blvd, Rensselaer**