

**Draft Minutes**  
**New York State Reliability Council**  
**Installed Capacity Subcommittee**  
**Meeting #209 – June, 27 2018**  
**NYISO Corporate Center, Rensselaer NY**

**Attendees**

**Present    Phone**

**Members / Alternates:**

Rich Wright (CHG&E) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ruby Chan (CHG&E) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Akim Faisal (CHG&E) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dmitriy Kiselev (Con Edison) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Howard Kosel (Con Edison) <b>ICS Vice Chair/Secretary</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sanderson Chery (Con Edison) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Khatune Zannat (PSEG LI) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lubaba Islam (PSEG LI) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mariann Wilczek (PSEG LI) <b>ICS Chair</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Brophy (NYSEG-RGE) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (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 type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Advisers/Non-member Participants:**

Al Adamson (Consultant) .....	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input type="checkbox"/>
Greg Drake (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kai Jaing (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Dana Walters (NYISO) .....	<input 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 type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Emilie Nelson (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Steve Lemme (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mike Welch (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ken Galarneau (Direct Energy).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Erin Hogan (DOS) .....	<input type="checkbox"/>	<input type="checkbox"/>
Richard Quimby (NYDPS) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chris Hall (NYSERDA).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dan Mahoney (NYPA) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**1. Introduction**

Chair Wilczek called the NYSRC Installed Capacity Subcommittee meeting to order at 10:00 a.m. on June 27, 2018.

**2. Approval of Minutes for Meeting #208**

The meeting minutes were approved.

**3. Review Action Item List**

ICS reviewed the Action Item list, no changes were made.

**4. Review of ICS Tasks**

**4.1. Load Shape Selection**

Arthur Maniaci from NYISO provided a presentation describing the current load shapes being utilized by ICS for IRM studies, how and why it is worthwhile to look into new load shapes and

possible new methods to select load shapes. Arthur discussed that the current load shapes do not reflect the recent increases in BTM solar and the expectation that going forward there will be increased penetration of BTM solar and DERs. Arthur proposed two methods to update the load shapes. The first method would continue to evaluate historic load shapes. The second method would utilize NYISO's day-ahead modeling system, which collects historic weather data, to generate annual load shapes representing load patterns of the most recent historical year, 25 or more years of historic weather data and the ability to adjust the shape to account for DR, BTM and other DER impacts which could be updated each year. Mark Younger expressed concern with how we would develop load shapes for neighboring control areas if the NYISO were to create their own load shapes from historic data. Al Adamson questioned who would own the load shape selection process since the NYISO is proposing the possible change but ICS ultimately owns the model currently. Al also questioned who determines whether to go ahead with changes to the load shape modeling. Josh Boles responded that it is in the early stages of evaluating new techniques but it would be a joint decision between NYISO and ICS. Mark Younger asked if this project will be included in the 2019 project prioritization list to which Arthur responded that it is not at that level yet.

#### **4.2. Assumptions Matrix**

Greg Drake reviewed the assumptions matrix. Cayuga 2 will be removed from the model since they have entered an IIFO. Pilgrim GT's were removed from the retirement list since they are required for local reliability on Long Island and Greenport GT was removed from the retirement list as well as they have retracted their retirement notice filed with the NYPSC.

#### **4.3. SCR Performance**

Vijay Ganugula from NYISO provided an update on preliminary SCR values for the 2019 IRM study. Overall, the effective performance for the 2019 IRM of 72% is similar to the 2018 IRM performance of 71.2%. The preliminary values for 2019 are based on Gold Book estimates and will be updated when the actual July 2018 enrollments are available.

#### **4.4. Summer Maintenance**

John Adams provided an update on summer maintenance for the 2019 IRM Study. John stated that the data from summer 2017 provided minimal or inconclusive information regarding summer maintenance and recommended maintaining the current level of 25 MW in Zone J and 25 MW in Zone K.

*Prepared by Howard Kosel (Con Edison)*

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Upcoming meetings:

Meeting 210, Wednesday, August 1, 2018 at NYISO Corporate Center

Meeting 211, Wednesday, September 5, 2018 at NYISO Corporate Center

Meeting 212, Wednesday, October 3, 2018 at NYISO Corporate Center

Meeting 213, Tuesday, October 30, 2018 at NYISO Corporate Center

Meeting 214, Wednesday, November 27, 2018 at NYISO Corporate Center