

Draft Minutes

New York State Reliability Council

Installed Capacity Subcommittee

Meeting #205 – February 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) ICS Vice Chair/Secretary	<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"/>
Lucyna Khazanovich (PSEG LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mariann Wilczek (PSEG LI) ICS Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Brophy (NYSEG-RGE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Tigue (NYSEG-RGE)	<input type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (NYPA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mark Younger (Hudson Energy Economics, LLC – Wholesale Sellers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mark Cordeiro (PLM, Inc – Municipals & Electric Coops)	<input type="checkbox"/>	<input type="checkbox"/>
Chris Wentlet (PLM, Inc – Municipals & Electric Coops)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Mager (Couch White – Large Consumers)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ben Carron (National Grid)	<input type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid)	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Scott Leuthauser (HQUS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Akm Saijadul Islam (NYDPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Quimby (NYDPS)	<input type="checkbox"/>	<input type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kelli Joseph (NRG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Greg Drake (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kai Jaing (NYISO)	<input checked="" 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"/>
Brian Hodgdon (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Zachary Stines (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Carl Patka (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Emilie Nelson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steve Lemme (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Welch(NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Carl Patka (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
James Pigeon (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Roger Clayton (NYSRC).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ken Galarneau (Direct Energy).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Introduction

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

2. Approval of Minutes for Meeting #204

The meeting minutes were approved.

3. Review Action Item List

ICS reviewed the Action Item list. Item 161-5, NYISO provide justification for different load shapes, was closed (item 204-1 will investigate to load shapes).

4. Review of ICS Tasks

- 4.1.** Josh Boles provided an update on capacity exports to ISO-NE. For 2017-18 fewer exports have bought out of their ISO-NE position compared to previous years. For FCA9, ARA3 will take place in March and an update will be provided at the April ICS meeting. In FCA12, 512 MW sold to ISO-NE at \$4.63/kW-mo, similar to FAC11, however ISO-NE has not yet posted who made the sales. Mark Younger requested more details regarding the sales and John Boles stated he will come back to next ICS meeting with more details.
- 4.2.** James Pigeon from NYISO gave a presentation discussing NYISO market initiatives to integrate Distributed Energy Resources (DER) into NYISO wholesale markets which brought a lot of discussion and questions from ICS members. James Pigeon stated that the goal is to complete the market design in 2018 and to work on software development and requirements in 2019-20. Tim Lundin asked if there was a timeline to address the capacity market to which James Pigeon stated that the capacity market assessment has begun with GE conducting an initial study. Chris Wentlent stated that DER is a wide term and asked if it will be defined and James agreed and stated that it will be defined in the tariff. Kelli Joseph asked if DERs will be considered when looking at the forecast going forward. Mark Younger stated that it is critical to have rules similar to BTMNG to ensure there is no double counting (as supply resources and load reductions) and asked that SCR rules be looked at and evaluated in the future. James Pigeon went on to discuss the NYISO's pilot program for DERS stating there is 10 MW cap per transmission node and a 50 MW cap per TO. Kelli Joseph requested the NYISO to breakout the participation by wholesale or retail program.
- 4.3.** Al Adamson discussed the IRM study guide and changes to the NYSRC website. Al Adamson proposed to have a section on the NYSRC website with historical IRM data, links to NYISO LCRs and a section for ICS whitepapers. Mark Younger requested that all historical white papers be included.
- 4.4.** Josh Boles gave an update on grandfathered CRIS agreements that do not need to go through the class year process. Josh stated that there is 180 MW of potential projects and that only one, Stony Brook (39 MW), has requested. Mark Younger voiced a concern that there is no clear mechanism for this and that they will extend forever to which Josh Boles responded that they are grandfathered so they do not expire.
- 4.5.** Greg Drake provided an update on the load shape selection process, how the NYISO will be evaluating new potential load shapes and how they are utilized within the GE MARS program. Dmitriy Kiselev asked why we use the three current shapes to which Greg Drake responded that the 2007 shape is a typical shape, 2006 is a more peaked and extreme shape and the 2002 shape was a flatter, more challenging year. Mike Mager asked if we can look at a rolling 5 years similar to wind shape modelling. Mark Younger asked if NYISO can look into the weather, when

the peak occurred, what our neighbors use and if the update would be used for the 2019 IRM study or be a sensitivity. Josh Boles responded that the shapes are used for many different studies (RNA) so they really need to be tested before being used.

- 4.6. Mariann Wilczek posed a question to ICS from the EC regarding an Indian Point retirement sensitivity. ICS members were not supportive a performing a full tangent 45 analysis, stating that ICS does not forecast what LCRs will be and there would be too many assumptions. Howard Kosel pointed out that the assumptions could be the same that were used in the Indian Point deactivation assessment or what will be used for the upcoming RNA but agreed that this analysis may not fall under ICS and perhaps another venue can be pursued to conduct the analysis.

Prepared by Howard Kosel (Con Edison)

Upcoming meetings:

Meeting 206, Wednesday, April 4, 2018 at NYISO Corporate Center

Meeting 207, Wednesday, May 2, 2018 at NYISO Corporate Center

Meeting 208, Tuesday, May 29, 2018 at NYISO Corporate Center

Meeting 209, Wednesday, June 27, 2018 at NYISO Corporate Center

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