

Draft Minutes
New York State Reliability Council
Installed Capacity Subcommittee
Meeting #194 – April 5, 2017
NYISO Corporate Center, Rensselaer NY

Attendees

Present Phone

Members / Alternates:

Rich Wright (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dmitriy Kiselev (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Howard Kosel (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sanderson Chery (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Khatune Zannat (PSEG LI).....	<input type="checkbox"/>	<input type="checkbox"/>
Mariann Wilczek (PSEG LI) ICS Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Richard Brophy (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Tighe (NYSEG-RGE)	<input type="checkbox"/>	<input type="checkbox"/>
Bob Boyle (NYPA),.....	<input type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (NYPA) ICS Vice Chair/Secretary	<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"/>
Mike Mager (Couch White – Large Consumers)	<input type="checkbox"/>	<input type="checkbox"/>

Advisers/Non-member Participants:

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 checked="" type="checkbox"/>
Scott Leuthauser (HQUS).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ed Schrom (NYDPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Greg Drake (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steve Lemme (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dana Walters (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Josh Boles (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Frank Ciani (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Carl Patka (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brian Hodgdon (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kai Jiang (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zachary Stines (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jamie Barrett (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Mike Welch (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Stephanie King (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Emilie Nelson (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Julia Popova (NRG).....	<input type="checkbox"/>	<input type="checkbox"/>
Kelli Joseph (NRG).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mathew Schwall (IPPNY)	<input type="checkbox"/>	<input type="checkbox"/>
Lubaba Islam (PSEG LI)	<input type="checkbox"/>	<input type="checkbox"/>
Paul Dibenedetto (PSEG IL)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Erin Hogan (UIU)	<input type="checkbox"/>	<input type="checkbox"/>
Ben Carron (National Grid).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paul Allen (Market Monitoring Unit)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dimitri Kordonis (UIU).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1. Introduction and Request for Additional Agenda Items

Chair Mariann Wilczek called the NYSRC Installed Capacity Subcommittee meeting to order at 10:00 a.m. on April 5, 2017

2. Approval of Minutes for Meeting #193

The meeting minutes were approved.

3. Review of Action Items List

Chair Wilczek reported updates to the action item list. Item 170-9 (Develop IRM Study Guide Document) Mr. Adams has finished the IRM study guide document. Chair Wilczek is concerned going forward the difficulty keeping this document updated because of the detail and complexity. Based on this concern Chair Wilczek is placing this item on hold indefinitely. Mr. Walters asked if the guide could be made available, Chair Wilczek committed to distributing the document.

Item 185-1 – (Review of the topology for the A/B/C, J/K, and 5018 lines, to be undertaken prior to the 2018 IRM Study) The completion date was changed from 3/2017 to 5/2017. Item 187-1 (NYISO to look at the MARS model and provide information on when the LOLE events occurred in relation to the peak) Mr. Adams has received the information he needs to complete the study, this item was closed. Item 188-5 (The amount of public appeal in EOP is 80 MW in Zone K and 8 MW from Zone B), NYSEG and PSEG had no update on this issue. Item 189-2 (Develop and recommend options for coming up with an EA MW limit) the completion date was changed from 1/2017 to 5/2017. Item 190-1 (Track the Development of Northeastern MOUs and its effects on our IRM study, specifically transmission interface modeling) Mr. Younger, Ms. Joseph and Mr. Walters had an exchange around when this issue was actually raised. Ms. Nelson reiterated that NYISO will continue to work on this issue, however this is a long-term effort and will require PJM and ISONEs cooperation. Mr. Younger requested the NYISO include in their monthly update any progress made with PJM and ISONE on this issue. Executive Committee Directive (NYISO to run a sensitivity with a Tan 45 analysis on the 2017 IRM Base Case with an increase in the amount of wind generation to the system) The date was changed from 1/2017 to 9/2017.

4. Review of 2017 ICS Proposed Task List

4.1 Modeling of NYISO Locality Sales – White Paper

Mr. Younger pointed out the focus of the paper is based the history of forward sales in ISONE, he requested the NYISO add more detail around these assumptions in the whitepaper. He asked that 2017 & 2018 ISONE forward, monthly, and reconfiguration obligations and results be included in the report. Based on rule changes with ISONE's capacity market, Mr. Younger believes these trends could change going forward. Mr. Brophy requested a breakout of the location of the resources that have an obligation in ISONE (i.e. ROS, LHV). Ms. Joseph stated that the paper needs to highlight the MOU and how the NYISO treats exports with ISONE in that document. Ms. Nelson believes these requests are reasonable and will consider them for the next version of the white paper. Because the draft whitepaper was released the evening before the April 5th meeting, Chair Wilczek delayed the discussion to allow for ICS members familiarize themselves with the document. I conference call will be scheduled before the May 3rd meeting.

4.2 Emergency Assistance Limit Analysis – White Paper

Mr. Adams updated the EA limit model with database information that included full PJM RTO data, and finalized the EA limit model results based on the initial data set which includes only part of the PJM RTO (Mid-Atlantic and Dominion (MAD) region). The difference between the two scenarios is the resource mix and the dispatch practices of PJM. Overall there was very little change in surplus reserve by load level. Mr. Adams recommends modeling an EA limit of 3,318 MWs based on the surplus reserve data for the whole PJM RTO in the base case, and minimum including this EA limit as a sensitivity. Ms. Joseph asked for clarification on whether the model is looking at all PJM resources or only 10 & 30 minute reserves. Mr. Adams clarified that this is all 10 non-synchronous and synchronous reserves in PJM, not just in the MAD region. Mr. Younger was concerned how western reserves could increase as loads increase in the full PJM RTO case, and is it possible to show the reserve values for the data points broken out by east and west. Mr. Adams plans to take this back for review. A discussion took place between Mr. Younger, Ms. Joseph, and Ms. Nelson around whether the EA limit should vary by load level or it should be a fixed number for the system. In the EA white paper NYISO produced last year they recommended a single overall limit. The EA model will be up for approval at the May 3rd meeting.

4.3 Status of Alternate Methodologies for Determining LCRs Projects

Mr. Stines provided an update of the alternative methodology for determining LCRs. Mr. Stines pointed out based on the current timeline, it is unlikely NYISO will have a recommendation for changing the LCR methodology in 2018. Mr. Younger asked the NYISO to return by late summer with a definitive decision on whether they will be making a recommendation for 2018 or not. This project has been delayed due to resource constraints, the consultant GE is focusing most of their efforts on the Locality Exchange Factor (LEF) project. NYISO has some sensitivity results, but is working with GE to analyze the performance of the optimization tool with respect to simple sensitivities, these will be posted at future date.

4.4 IRM Impact of additional Renewable Capacity Additions – Overview of Scope

Mr. Drake plans to bring the proposal for the sensitivity to the May meeting. NYISO had no update at this time.

4.5 Review A/B/C, J/K, and 5018 lines topology for 2018 IRM Study (ICS AI #185-1)

Mr. Walters and the NYISO continues to work with ConEdison the correct topology. Mr. Younger asked who at the NYISO is responsible for this task now that Mr. Lamanna has retired, Mr. Walters stated it is a group effort within the NYISO to complete the topology. Mr. Younger raised the concern around PJM upgrades and if they will effect the topology, Mr. Walters is aware of the upgrades but has been focused on the elimination of the wheel. Mr. Walters plans to bring their recommendation to the May meeting.

5. 2018-2019 IRM Study Assumptions Matrix

Mr. Drake did not have any updates to the assumptions matrix. Chair Wilczek requested that a column be added to the matrix showing the positive/negative impact to the IRM. Chair Wilczek then asked when the Gold Book would be released, Mr. Walters stated it is on scheduled and should be released

next week. Mr. Younger inquired about Behind the Meter Generation and if any resource had qualified under the program. Mr. Nelson stated there are no active participants at this point.

6. Additional Agenda Items

None were indicated.

Secretary: Tim Lundin (NYPA)

Upcoming meetings:

Meeting 195, Wednesday, May 3rd, 2017 at NYISO Corporate Center

Meeting 196, Tuesday, May 30th, 2017 at NYISO Corporate Center

Meeting 197, Wednesday, August 2nd, 2017 at NYISO Corporate Center

Meeting 198, Tuesday, August 29th, 2017 at NYISO Corporate Center

Meeting 199, Wednesday, October 4th, 2017 at NYISO Corporate Center

Meeting 200, Wednesday, November 1st, 2017 at NYISO Corporate Center

Meeting 201, Tuesday, November 28th, 2017 at NYISO Corporate Center