

Draft Minutes
New York State Reliability Council
Installed Capacity Subcommittee
Meeting #195 – May 3, 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 Tigie (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>

Advisers/Non-member Participants:

Al Adamson (Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Adams (Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ricardo Galarza (PSM Consulting)	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
Dana Walters (NYISO)	<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"/>
Carl Patka (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brian Hodgdon (NYISO)	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Mike Welch (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"/>
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"/>
Philip Moin (PSEG LI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Paul Dibenedetto (PSEG IL)	<input type="checkbox"/>	<input type="checkbox"/>
Erin Hogan (UIU)	<input type="checkbox"/>	<input type="checkbox"/>
Ben Carron (National Grid).....	<input type="checkbox"/>	<input type="checkbox"/>
Clay Burns (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 type="checkbox"/>

1. Introduction and Request for Additional Agenda Items

Chair Wilczek called the NYSRC Installed Capacity Subcommittee (ICS) meeting to order at 10:00 a.m. on May 3, 2017

2. Approval of Minutes for Meeting #194

The meeting minutes were approved with no comments.

3. Review of Action Items List

Chairman Wilczek noted that the action items would be covered as part of the agenda.

4. Review of 2017 ICS Proposed Task List

4.1 Modeling of NYISO Locality Sales – White Paper

Mr. Boles gave an update on the locality sales whitepaper. He added an executive summary to help clarify the NYISOs recommendations. Mr. Younger was asked to provide an overview of the comments he provided on the draft whitepaper. Many of his concerns were qualifiers based upon the current information. Ms. Joseph is concerned about using historic ISONE capacity market data when there have been critical market design changes in ISONE. She believes the real issue limiting the use of this data is the MARS model which should be stated in this paper. Based on the NYISOs recommendation, the ICS approved the Locality Sales whitepaper to bring to the EC. Mr. Adamson asked for clarification on whether this recommendation was for the indefinite future or specific to the 2018 IRM process. NYISO will make it clear that the whitepaper recommendation is for 2018 and going forward the group (ICS) reserves the right change the recommendation. Ms. Joseph asked why the concerns she has raised throughout this process regarding the MOU were not included in the whitepaper and the NYISO concluded they do not agree with her concerns. NYISO plans to incorporate the recommendations from this meeting and post a final version before the EC meeting on the May 12th. Based on Mr. Adamson's recommendation, Chair Wilczek will include the NYISOs recommendations in her report to the EC and ICS will provide EC a final whitepaper in the June.

4.2 Emergency Assistance (EA) Limit Analysis – White Paper

Mr. Adams discussed the difference in model results when using the MAD region versus the full PJM RTO data. Mr. Adams recommended an EA limit of 3500 MWs based on his analysis. Mr. Younger questioned whether this was all from PJM or was it for the total system. Mr. Adams confirmed that the 3500 MWs includes all regions not just PJM. Mr. Younger requested a buildup of how ICS and NYISO got to the 3500 MWs. Mr. Boles pointed out that it is difficult because ISEO and ISONE information is not public information. Mr. Younger recommends ICS model these as locational specific limits instead of one total for all the regions. Mr. Adams pointed out that there are multiple variables that would have to be investigated to consider a locational specific limit. Ms. Joseph questioned the methodology that PJM and ISONE used to calculate their EA limits, NYISO pointed out that based on research last year that the EA limit in PJM and ISONE was set years ago and there is no desire to change the values. Mr. Adams explained that each region uses a different method of coming up with their EA limits. Mr. Leuthauser asked what happened to the 2620 MW limit that resulted from the EA whitepaper last year. Mr. Adamson stated that he disagreed with 2620 MW limit and ICS never agreed to adopt this limit. ICS voted to adopt the 3500 MW limit for the 2018 IRM process noting that Mr. Younger did not support the limit.

4.3 Status of Alternate Methodologies for Determining LCRs Projects

Mr. Stines did not provide any new information and plans to return to the June meeting with an update. Mr. Kosel requested GE return with an explanation of the shifting methodology being used in their studies. Mr. Adamson asked Mr. Stines to provide an update on the questions presented by ICS to NYISO at the December 2016. Mr. Stines said he could provide an update at the next meeting.

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

Mr. Walters pointed out the NYISO is still working with ConEdison on completing the topology. Mr. Kiselev is concerned they have not heard from the NYISO since March on this issue. Mr. Walters stated there are executive level discussions taking place between ConEdison and NYISO and the goal is to have the final topology at the next meeting.

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

Mr. Gilbraith presented on how the NYISO plans to model the wind and solar data for the 2018 IRM and where the 2000 MWs of wind and solar resources will be sited for IRM sensitivity case. Mr. Gilbraith discussed how NYISO will model wind and solar facilities with and without five years of data to calculate the capacity factor. Mr. Drake questioned if the IRM would be reduced because there was more wind production in summer 2016 versus 2011. Mr. Gilbraith replied that on looking at the data on a monthly average, the data does suggest more output in 2016, however this is not necessarily breaking out peak hours and loss of load events. NYISO will use the same method for solar that they are using for wind, this will be fairly simple because there is only one resource (Long Island Solar Farm, 31 MWs of nameplate and CRIS). To locate the 2000 MWs for the IRM sensitivity, NYISO plans to use the NYSDPS Final Supplemental Environmental Impact Statement as the data source. NYISO scaled the MWs to 2000 and only took zones that had a high penetration of renewables. Ms. Joseph asked what production shapes NYISO would use for the renewables in the sensitivity. Mr. Gilbraith stated that zones with existing facilities will be easier (A, D for wind), however with utility scale solar and solar we will have to come with another forecasting method for upstate zones. Mr. Younger asked if NYISO will be modeling more MWs 2,000 MWs and NYISO confirmed it would be incremental. Mr. Adamson questioned the volume of solar being placed in Zone F. Mr. Gilbraith stated that the methodology on how these volumes were calculated can be found in the NYSDPS Supplemental Environmental Impact Statement. Mr. Adamson confirmed that this will be done on the 2018 preliminary base case and will be completed with the other sensitivities for 2018.

5. 2018-2019 IRM Study Assumptions Matrix

Mr. Drake provided an overview of changes made since the last review and noted he has begun making updates based on the 2017 Gold Book. A column was added to show the estimated IRM impact to each parameter. Mr. Boles announced that for the new behind the meter net generation parameter in the matrix there could be one or more resources by the time we lock down the assumptions. NYISO plans to return with a presentation discussing the methodology on incorporating these resources along with the impact to the load forecast.

Mr. Adamson asked if there are any uncertainties with the parameters in the matrix. NYISO noted there is always uncertainty with resources entering or exiting the market.

6. Additional Agenda Items

None were indicated.

Secretary: Tim Lundin (NYPA)

Upcoming meetings:

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