

Final Minutes

New York State Reliability Council

Installed Capacity Subcommittee

Meeting #188 – October 5, 2016 (and subsequent conversation between Chairman Boyle and NYISO on October 10)

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 checked="" type="checkbox"/>	<input type="checkbox"/>
Howard Kosel (Con Edison)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sanderson Chery (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mayer Sasson (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Khatune Zannat (PSEG LI).....	<input type="checkbox"/>	<input type="checkbox"/>
Mariann Wilczek (PSEG LI), ICS Vice Chair/Secretary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lucyna Khazanovich(PSEG LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lubaba Islam (PSEG LI)	<input type="checkbox"/>	<input type="checkbox"/>
Syed Ahmed (National Grid).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bart Franey (National Grid)	<input type="checkbox"/>	<input type="checkbox"/>
Ben Caron (National Grid)	<input type="checkbox"/>	<input type="checkbox"/>
Richard Brophy (NYSEG-RGE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John Tigue (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bob Boyle (NYPA), ICS Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (NYPA)	<input type="checkbox"/>	<input checked="" 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 checked="" 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"/>
Kelli Joseph (NRG).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chris LaRoe (Brookfield).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ed Schrom (NYDPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gary Will (FERC).....	<input type="checkbox"/>	<input type="checkbox"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input type="checkbox"/>
Richard Gell (Ontario Power Generation)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Marji Philips (Direct Energy).....	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Arthur Maniaci (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zach Smith (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zachary Stines (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stephanie King (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"/>
Wes Yeomans (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Gloria Kavanah (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Amanvir Chahal (Navaigant Consulting)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1. Introduction and Request for Additional Agenda Items

Chairman Boyle called the NYSRC Installed Subcommittee meeting to order at 10:00 a.m. on October 5, 2016.

2. Approval of Minutes for Meeting #187

Mr. Drake had two edits to the notes. The first was to indicate in the title that there were comments from the September 1st conference call in the minutes. The second was for clarification on Mr. Boles presentation on locational capacity exports. These were noted and accepted by the ICS.

3. Review of Action Items List

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

4. Status of Studies for 2017 IRM Study

4.1. Emergency Assistance(EA) Model

4.1.1. NYISO White Paper: NYISO Staff Review of ICS Comments

Mr. Drake provided a response and potential future actions to the ICS member comments on the white paper.

4.1.2. Analysis of Neighboring CA Excess 30 minute Operating Reserve Data

The ICS had further discussion on the import limit based on the amount of excess 10-minute resources that the neighboring control areas carry. Mr. Drake displayed a graph depicting the available surplus on peak hours from the neighboring control areas. Mr. Kosel asked if the other control areas provide data for 30-minute resources. Mr. Adamson added that operations would first need to decide if 30-minute resources are an appropriate substitute for 10-minute resources. Mr. Boles indicated that he would

verify with operations if 30-minute resources are appropriate (AI#188-1) and if the data was available for external control areas (AI#188-2).

4.1.3. Next EA Steps

Chairman Boyle noted the additional requests cannot get in the way of the completion of the IRM report. The ICS discussed the direction of the study. Mr. Patka indicated that the NYISO provided a white paper, received feedback, provided a revision and response to that, as well as two sensitivities are being done this year. He suggested we continue to look at the issue next year. Mr. Younger agreed that it needed to be looked at early next year with model runs being performed on the 2017 IRM base case. Mr. Adamson expressed concerns of not having a scope of how to proceed. Chairman Boyle suggested that Mr. Adamson provide his thoughts for discussion (AI#188-3). Ms. Wilczek indicated that we need to look at the topic starting in January and not wait until March.

4.2. Sensitivity Study

4.2.1. Cases Approved by the EC

Chairman Boyle reviewed the two additional cases that were discussed at the last EC meeting. The first case is that the interface to New England is fully subscribed. The second case is to model only the amount of the Roseton sale. The EC also directed the ICS to follow the NYISO guidelines for modeling the export.

4.2.2. Study Status

Mr. Drake reviewed the sensitivities that were complete. For the two additional sensitivities, Mr. Drake referred to the transmission system representation for the Roseton sale to New England. Forty eight percent of the sale from the LHV will be modeled from ROS to Western Massachusetts. The remaining fifty two percent will be modeled from LHV to Connecticut. The two additional cases have not been modeled at this time. Mr. Younger asked the NYISO for more clarification on Sensitivity #7 (Indirect Emergency Assistance eliminated), specifically what the flows were across the transmission lines as they went through the external control areas(AI#188-4). Mr. Younger asked when the NYISO would have the results of sensitivities #9 and #13. Mr. Drake indicated it would be seven or eight business days.

4.3. Fall Load Forecast

Mr. Maniaci provided the updated load forecast for 2017/2018 capability year. The 2017 IRM final forecast is 33,316 which is 47 MW less than the 2016 Gold Book. The ICS members asked clarifying questions. Mr. Maniaci also spoke to a potential 43 MW adjustment for load modifiers in the ROS(National Grid transmission district)that could be made for 2017 which would involve removing this

amount from the load forecast and removing the resources from generators in the model. These are resources that were generators and will become load modifiers per a letter provided to the NYISO. Mr. Younger expressed concerns with the treatment of these resources and questioned if there was a need to have them commit for a full ICAP year for treatment to be either a load modifier or an in-front-of-the-meter wholesale generator. He noted that the details should be worked out over the next few months. Mr. Boles noted that this topic would be appropriate for an ICAP WG and there were currently no guidance from the tariff on load modifiers. It was decided that 33,316 MW would be used for the load forecast in the 2017 IRM final base case. (Subsequent note – on October 10th, Chairman Boyle had conversations with the NYISO in which it was determined that the 43 MW of load modifiers will be included in the load forecast for the 2017 IRM. These resources are no longer providing GADS data and are no longer qualified to be capacity providers. The load forecast to be used is 33,273 MW. The corresponding generation removed was 75.2MW. These were updated in the Assumptions Matrix on October 10th.) Mr. Younger noted that on the day of our peak this last summer, the state called for emergency load reduction. This is one of our EOP steps. He asked how a determination is made about the amount of public appeal in various zones. Mr. Drake indicated that this amount is provided from the Operations department. This year the amount attributed to public appeal is 80MW in Zone K and 8 MW from upstate. Mr. Younger requested the detail for determining these amounts. **(AI#188-5)**

4.4. Schedule for Preparing Tan 45/Final Base Case IRM

Mr. Drake indicated that he expected it to be completed on time. Mr. Adamson indicated he would prefer the values by October 21st in order to revise the report and send to out to the ICS for review prior to the November 2nd meeting. Mr. Drake indicated the NYISO would be able to meet that date.

4.5. IRM Report Schedule

Mr. Adamson provided a status update on the report. Mr. Adams provided a status update on the appendices.

5. Locational Export Capacity Proposal

Mr. Boles provided updated information from his October 7th ICAP WG meeting proposal. Exports from the Long Island location will not be part of the proposal. Locality Exchange Factors will be calculated annually for the G-J Locality as well as Zone J for each of the external control areas(NE, PJM, Ontario and

HQ). The ICS members asked Mr. Drake clarifying questions on how the two sensitivities for exports to New England will be modeled.

6. 2017 IRM Study Assumptions Matrix Update – Final Base Case Assumptions

Chairman Boyle noted that the matrix will need to be approved by the EC at their October meeting and asked Mr. Drake if there were any additional changes necessary. Mr. Drake indicated that they would need to update the load forecast and verify the numbers for consistency. (Note – Further changes were made to the matrix on October 10th to remove the resources that become load modifiers).

7. Final 2017 Meeting Schedule

Mr. Adamson noted the schedule was updated with a change for the July 2017 meeting which was moved to June 28, 2017.

8. Status Reports:

8.1. External Control Area MOUs

Mr. Patka noted there was nothing new to report.

8.2. Status of Alternative Methodologies for Determining LCR

Mr. Chahal from Navigant Consulting provided a brief overview of the project. He indicated that analysis was being performed on the final IRM of 17.5% as well as other testing with other IRM values. Chairman Boyle indicated that it should be consistent with Policy 5 or the ICS would need to be aware of it. He additionally noted that the IRM is set by the EC and that the LCRs could change but the IRM cannot be altered. Ms. Kavanah noted that the NYISO and the consultants are well aware of that. A simultaneous solution for the LCRs would require significant changes in the NYISO rules and tariffs as well as the NYSRC's policies. She continued that this was only one study and there are no recommendations at this time. This presentation was to keep the ICS informed as to what the NYISO was looking at to optimize outcomes. Mr. Chahal indicated that the next presentation will have actual numbers in place as the preliminary results are still being verified. Mr. Adamson noted that Slide 5 of the presentation would be of interest to the Transmission Owners and indicated an interest in seeing the zonal LOLE for NYC and Long Island.

9. Additional Agenda Items

None.

Secretary: Mariann Wilczek (PSEG LI)

Upcoming meetings:

Meeting 189, Wednesday, November 2nd at NYISO Corporate Center

Conference call, Monday, November 14th (if needed)

Meeting 190, Monday, November 28th at NYISO Corporate Center