

**Draft Minutes**  
**New York State Reliability Council**  
**Installed Capacity Subcommittee**  
**Meeting #190 – November 28, 2016**  
**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 type="checkbox"/>
Sanderson Chery (Con Edison) .....	<input type="checkbox"/>	<input type="checkbox"/>
Khatune Zannat (PSEG LI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mariann Wilczek (PSEG LI), <b>ICS Vice Chair/Secretary</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Syed Ahmed (National Grid).....	<input type="checkbox"/>	<input checked="" 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), <b>ICS Chair</b> .....	<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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Marji Philips (Direct Energy).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Kelli Joseph (NRG).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ed Schrom (NYDPS) .....	<input type="checkbox"/>	<input 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 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 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"/>
Tariq Niazi (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stephanie King (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zachary Stines (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wes Hall (GE).....	<input type="checkbox"/>	<input type="checkbox"/>
Amanvir Chahal (Navigant Consulting) .....	<input type="checkbox"/>	<input 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 November 28, 2016. There were no additional agenda items indicated.

## **2. Approval of Minutes for Meeting #189**

There were no corrections to the meeting minutes and they were accepted by the ICS.

## **3. Review of Action Items List**

Chairman Boyle provided a brief review of the action item list. There were no updates.

## **4. 2017 IRM Study:**

### **4.1. Quality Assurance(Data Scrub) Review – see IRM Report Appendix**

Chairman Boyle asked for the status of the QA review performed by GE, PSEG-LI and Con Edison. Mr. Adams reported that the TOs have supplied some information on the preliminary base case but not on the final base case as they had not received it. Chairman Boyle expresses concerns with the late date and no final data base verification. He asked Mr. Drake to follow up with GE. Mr. Drake noted he had sent an email to GE asking for status. Ms. Zannat indicated it would take a week to perform their verification.

### **4.2. Outstanding Sensitivity Case Issues and Results**

Chairman Boyle noted that these cases were discussed at the last EC meeting.

#### **4.2.1. Fitzpatrick and Ginna Retirement Case**

Chairman Boyle noted that the two cases run produce the same results and asked for clarification from the NYISO. Mr. Drake indicated that the results were the same but that the LCRs would show different values for the different cases. It was decided that the sensitivities would be left in the report.

#### **4.2.2. Long Island Topology Change Case**

Ms. Zannat asked about the LCR impact. Mr. Drake noted the result was in Appendix B.

#### **4.2.3. Forward Capacity Market and Roseton Sale Cases**

Chairman Boyle indicated that the EC did not want to include the sensitivities on exports in the IRM report given the uncertainties surrounding it but did want to include a brief write-up. Chairman Boyle asked to display a paragraph that was drafted that would be inserted in the report. Mr. Walters indicated that the NYISO had drafted alternative language which was also displayed. ICS members asked for edits to both of the language with ICS members indicating the language provided by Chairman Boyle to be the one preferred for insertion into the report.

### **4.3. IRM Report Body – ICS Comments**

Chairman Boyle asked to have a page turner for comments/edits on the report. The NYISO and ICS members made ministerial edits as well as enhanced clarification to a few areas. There were no substantive comments. Chairman Boyle indicated that the EC wished to have the probabilities noted on Table 7-1, Sensitivity Cases. Mr. Adamson noted that this had been done in the past in the report but was not optimal. Chairman Boyle indicated he would be providing a verbal update to the EC. The ICS determined probabilities for the various sensitivity cases. Case 8(Forward Capacity Market) will be removed per direction from the EC. Case 9a (Fitzpatrick retired) will be a low probability as Mr. Drake noted that the industry news media indicated they will be refueling. Case 10(One Ramapo PAR out of service) will be assigned a high probability. Case 12(Cayuga units 1&2 retirement) will be assigned low as Mr. Younger indicated there were news articles on the plants being sold. Case 13(Long Island topology changes- planned upgrades being delayed) is being assigned a low probability based on Long Island discussion at the EC and last ICS meeting.

### **4.4. IRM Report Appendices – ICS Comments**

The topology representation for New England will need to be updated as the diagram is not current. The Sensitivity Case results needs to be updated for the removal of the export case (currently case 8). Chairman Boyle continued to express concerns over the QA data scrub and asked for an update from the NYISO/GE. Mr. Younger raised a potential concern with the EC choosing an IRM value based on one of the Ramapo PARs being out of service. He indicated in the past the NYISO has adjusted the base case to represent the chosen IRM value based on adjusting MWs and not due to a topology change which could cause the LCRs to not be represented correctly. He asked Chairman Boyle to note the issue with the EC.

## **5. Status Reports:**

### **5.1. External Control Areas MOUs**

There was no update.

### **5.2. Status of Alternate Methodologies for Determining LCRs Projects**

The NYISO indicated that they would be returning in January or February. Mr. Stines asked for any potential issues or comments be sent to him.

## **6. Issues for Next Meeting**

Ms. Wilczek listed the items that will continue to be looked at next year. These included completion of the emergency assistance study, alternative LCRs, exports from locational capacity zones, and the EC directed study of the impact of the CES on the IRM. Mr. Kiselev noted that the PJM/SENY topology would also need to be resolved. Mr. Adamson added that a “lessons learned” from the past IRM as well as the milestone schedule for the upcoming IRM is discussed at the January meeting. Ms. Wilczek indicated that the January 4<sup>th</sup> meeting will be in person.

## **7. Additional Agenda Items**

Chairman Boyle noted that at the last EC meeting he had indicated that Policy 5 would be updated to re-insert the June 1<sup>st</sup> cut-off date that was inadvertently removed. Discussion took place where that sentence should be added. It was decided it would be put into Section 3.5. Chairman Boyle will bring it to the December 2<sup>nd</sup> EC meeting for approval.

*Secretary: Mariann Wilczek (PSEG LI)*

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Upcoming meetings:

Meeting 191, Wednesday, January 4<sup>th</sup>, 2017 at NYISO Corporate Center

Meeting 192, Wednesday, February 1<sup>st</sup>, 2017 at NYISO Corporate Center

Meeting 193, Wednesday, March 1<sup>st</sup>, 2017 at NYISO Corporate Center

Meeting 194, Wednesday, April 5<sup>th</sup>, 2017 at NYISO Corporate Center

Meeting 195, Wednesday, May 3<sup>rd</sup>, 2017 at NYISO Corporate Center

Meeting 196, Tuesday, May 30<sup>th</sup>, 2017 at NYISO Corporate Center

Meeting 197, Wednesday, August 2<sup>nd</sup>, 2017 at NYISO Corporate Center

Meeting 198, Tuesday, August 29<sup>th</sup>, 2017 at NYISO Corporate Center

Meeting 199, Wednesday, October 4<sup>th</sup>, 2017 at NYISO Corporate Center

Meeting 200, Wednesday, November 1<sup>st</sup>, 2017 at NYISO Corporate Center

Meeting 201, Tuesday, November 28<sup>th</sup>, 2017 at NYISO Corporate Center