

**Final Minutes**  
**New York State Reliability Council**  
**Installed Capacity Subcommittee**  
**Meeting #191 – January 4, 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) <b>ICS Chair</b> .....	<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 checked="" type="checkbox"/>	<input type="checkbox"/>
Tim Lundin (NYPA) <b>ICS Vice Chair/Secretary</b> .....	<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 checked="" 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"/>
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 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"/>
Zachary Stines (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jamie Barrett (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Julia Popova (NRG).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mathew Schwall (IPPNY) .....	<input checked="" type="checkbox"/>	<input 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 January 4, 2017. There were no additional agenda items indicated.

**2. Approval of Minutes for Meeting #190**

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

**3. Review of Action Items List**

The ICS reviewed the action item list. Item AI#161-5 (Alternative years for the multi-year load shape) Mr. Drake committed to coming back with a scope at the February meeting. Item AI#170-9 (IRM Study Guide) has been a low priority, Mr. Adams has 50% of the study completed. Chair Wilczek questioned who would be responsible for changes in the documents once it is complete. Mr. Adams plans on providing an update at the February meeting. Item AI#181-1 (External Control Areas Emergency Assistance) this item was closed. Item AI#181-8 (Mark Younger to coordinate the Forward Capacity Market Task force meeting) it was determined by Mr. Younger and ICS that the task force is no longer needed. This item was closed. Item AI#185-1 (a review of the topology for the A/B/C, J/K and 5018) lines, to be undertaken prior to the 2018 IRM study) this item was discussed under the task list for this meeting. Item AI#187-1 (NYISO to look at the

MARS model and provide information on when the LOLE events occurred in relation to the peak) Mr. Younger asked if the values were pulled out of the final base case. Mr. Drake was unsure of what was used in the database and would return at the February meeting with an update.

AI# 188-5 (The amount of public appeal in EOP is 80 MW in Zone K and 8 MW from Zone B. Mr. Younger requested the detail for determining these amounts) there has not been any new information to date. Neither RGE nor PSEG\_LI had any updates. Action Item 198-2 (Develop and recommend options for coming up with an EA MW limit) was on the task list for this meeting, refer to that discussion. Mr. Younger requested the JOA issue regarding ISONE be added to the agenda as a longstanding item.

#### **4. 2018-19 IRM Study Schedule and Process Milestones**

Chair Wilczek went through the draft 2018-19 IRM study milestone schedule. During the 2017-2018 IRM process, there were some concerns with the timing and communication of certain key pieces of information including the database QA process as well as the schedule for the transmission topology updates. Issues with scheduled handoffs, led to the review times being impacted. Former chairman Boyle stated the ICS needs to be in step and know what is happening internally at the NYISO. Mr. Walters stated that ICS needs to hold to our dates, a rigid process will allow everyone to hold to the schedule. The NYISO asked to meet internally to review these dates. The NYISO will meet with Chair Wilczek and Vice-Chair Lundin prior to the February meeting to discuss these items. Revisions will be presented at the February ICS meeting.

#### **5. Review of 2017 ICS Proposed Task List**

##### **5.1 Emergency Assistance Study – white paper**

The EA study is a top priority for 2017. There were additional remaining questions that are still being evaluated. A scope for the additional work in 2017 was presented and approved at the November 2, 2016 ICS meeting. Will continue to look at setting the Emergency Assistance (EA) limit based on external Area excess operating reserves. Last year an EA range was created for sensitivities, this year a defined value will need to be determined for the base case.

##### **5.2 Review and improve data base quality assurance process**

Discussion took place around the schedule pertaining to the milestones. The framework of this schedule is described in Policy 5. Mr. Patka explained that NYISO has an internal schedule to meet the goals of the ICS schedule. The ICS schedule includes critical dates for completing IRM report such as specific lockdown dates, and when special sensitivities need to be completed. As a lesson learned from 2017, it was determined the level of communication should be defined. Mr. Drake suggested this take place in the milestone discussion. Mr. Younger asked if there are no major changes from the June 1<sup>st</sup> lockdown to October how long will it take to scrub and mask the preliminary database. NYISO stated the masking and scrubbing can take GE a couple of weeks, then it is sent to the TOs. Former chairman Boyle asked if the process would go faster if

GE and the TOs got the scrubbed data at the same time. ConEd and LIPA would rather wait till GE looked at the data. In total it will take a month for GE and the TOs to review the scrubbed database. Chair Wilczek will provide an update at the February meeting of any changes to the milestone schedule. Task #7 (Review and revise as necessary the process and schedule for preparation of the transmission topology used in IRM studies (2017 IRM Study Lessons Learned) is one of the sensitivities on the milestone schedule and was consolidated into this task.

### **5.3 NYISO Locational Export (LE) Capacity Proposal – 2018 IRM Study implementation**

Mr. Boles gave an update on the NYISOs progress on the Locational Export capacity proposal. On November 30<sup>th</sup>, 2016 the NYISO filed their proposal with FERC. They are looking for a January 29<sup>th</sup>, 2016 effective date. At the December 20<sup>th</sup> ICAP meeting, NYISO presented stakeholders of five priorities they have put together based on feedback from the market. NYISO and GE are looking at the LE factor in a more probabilistic manner. Stakeholders were concerned the NYISOs method for calculating the LE factor is purely deterministic. NYISO will look at the treatment of imports and how to include towards a localities requirement. The idea that Exports to another region should receive additional compensation was discussed. This was originally proposed by the MMU. This concept would pay the exporting generator a form of reliability payment. Another issue if a resource does not offer into the NY capacity market for three straight years a resource could lose its CRIS rights. This would be the case even though the generator is still active energy market, just not in the capacity market. The final topic on the list is of priorities is the IRM/LCR modeling and whether it includes the appropriate modelling of capacity exports from localities. The Locational Export Capacity proposal will be a standing item on the agenda going forward. Mr. Kosel inquired about the cutoff date for the base case and if CPV Valley would be included. Mr. Younger stated CPV Valley isn't scheduled to come into the market until 2018, but to be aware that CPV is having issues acquiring fuel. Mr. Kosel would like Mr. Walters to put this on his radar screen.

### **5.4 Status of Alternate Methodologies for Determining LCRs Projects**

Mr. Stines of the NYISO is still reviewing the stakeholder questions submitted by the ICS in December ICS. This has been made a standing item on the agenda. Mr. Stines said this item will be back to ICAP in February 2017. There was no additional items at this time.

### **5.5 Prepare scope and conduct a Clean Energy Standard initiative sensitivity study**

The Executive Committee (EC) asked ICS to put together a scope of work to conduct a sensitivity for the Clean Energy Standard (CES). Mr. Walters stated his concern with this scope is that CES has a timetable through 2030, whereas the IRM is calculated based on one year. Mr. Walters

believes a two years study focusing on wind and solar is difficult due to the amount of variables. Chair Wilczek will discuss this with the EC.

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

ConEdison asked that the ICS look at this closer. Prior to the elimination of the wheel, ConEdison agreed to have very low limits on the A/B/C, J/K, and 5018 lines. Now that we have a lot more clarity, those lines should be reflected at their capabilities, where before it was very low 200 MWs vs. 1500 MWs. Mr. Boyle suggested that ConEdison provide a scope and produce a whitepaper on this issue. Mr. Kosel noted that he would expect that the NYISO would model these lines consistent with what will be in effect on May 1, 2017.

#### **6. Additional Agenda Items**

None were indicated.

*Secretary: Tim Lundin (NYPA)*

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Upcoming meetings:

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