

**Final Minutes**  
**New York State Reliability Council**  
**Installed Capacity Subcommittee**  
**Meeting #202 – November 28, 2017**  
**NYISO Corporate Center, Rensselaer NY**

**Attendees**

	Present	Phone
<b>Members / Alternates:</b>		
Rich Wright (CHG&E) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ruby Chan (CHG&E) .....	<input type="checkbox"/>	<input type="checkbox"/>
Akim Faisal (CHG&E) .....	<input checked="" type="checkbox"/>	<input 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"/>
Lubaba Islam (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 type="checkbox"/>
John Tigue (NYSEG-RGE) .....	<input type="checkbox"/>	<input checked="" 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"/>
Ben Carron (National Grid).....	<input type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jim D’Andrea (Ravenswood) .....	<input type="checkbox"/>	<input type="checkbox"/>
<b>Advisers/Non-member Participants:</b>		
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 checked="" type="checkbox"/>	<input type="checkbox"/>
Akm Saijadul Islam (NYDPS) .....	<input checked="" 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"/>
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"/>
Brian Hodgdon (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ryan Carlson (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zachary Stines (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Carl Patka (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dave Allen (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steve Lemmi (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kelli Joseph (NRG).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mathew Schwall (IPPNY) .....	<input type="checkbox"/>	<input type="checkbox"/>
Erin Hogan (UIU) .....	<input type="checkbox"/>	<input type="checkbox"/>
Paul Allen (Market Monitoring Unit) .....	<input type="checkbox"/>	<input type="checkbox"/>
Matt Cinadr (E-Cubed) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Corey Tackman (Power Advisors LLC) .....	<input type="checkbox"/>	<input type="checkbox"/>

**1. Introduction and Request for Additional Agenda Items**

Chair Wilczek called the NYSRC Installed Capacity Subcommittee meeting to order at 10:00 a.m. on November 28, 2017.

**2. Approval of Minutes for Meeting #201**

The meeting minutes were approved with edits.

**3. Review of Action Item list**

Chair Wilczek reviewed the action item list. 161-5 –*The NYISO to provide Justification to consider a different, less extreme load shape than 2002* – Mr. Drake recommends this item be discussed in January and change scheduled actual completion date to January 2018. 170-9 –*Develop IRM Study Guide Document* - Mr. Adamson suggest the group review the draft study guide to discuss in January, Chair Wilczek will send the latest version to the group. 188 -5 -*The amount of public appeal in EOP of 80 MW in zone K and 8 MW from Zone B* - Chair Wilczek and Mr. Brophy are still unable to provide

details. Mr. Younger request this be reviewed again this summer and make sure we aren't double counting. Item will be reviewed again in July 2018. 190-1 – *Track the development of Northeastern MOUs and its effects on Our IRM study, specifically transmission interface modeling* – Ms. Nelson gave an updated on the PJM Pseudo-Tie filing and NYISO will have to review coordination efforts with PJM. 197-1 – *NYISO to provide updates of GE's Modeling effort on the treatment of Capacity Exports* – Mr. Boles stated GE is reviewing the TOs alternative proposal and should be reporting to stakeholders soon. GE has had difficulty fulfilling requests based on staffing issues. EC Directed Tan 45 analysis on the 2017 base case with increased renewables is complete.

### **3.1 ICS Chairman/Secretary Schedule**

For 2018 Chair Wilczek will continue as the chair and Howard Kosel from ConEdison will take over the secretary role. The EC has approved the finalized ICS chairman/Secretary schedule going forward with the goal of each company holding the secretary and chairman position for a two-year period.

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

### **4.1 Final Base Case MARS Data Scrub (see Appendix A.4)**

Mr. Drake gave an overview of the QA process conducted by the NYISO and GE. As a result of this the seeding issue was identified in the model and was corrected by GE so going forward NYISO is confident with the model. The other issue had to do with the masked database provided to the TOs. The TOs could not open the initial version GE sent to them. NYISO does have its own QA study as well. When a change occurs, there is a quite a bit work to test assumptions. Mr. Drake reviewed the key assumptions that NYISO experienced during this year's process. NYISO feels the parties did a good job identifying issues.

### **4.2 Final Draft IRM Report Body – For Comment and Approval**

Mr. Adamson gave a brief overview of the progression of this report. Mr. Boles raised on issue the EC asked which was to delineate which sensitivities were run on the final base case and which ones were run on the preliminary base case. Mr. Adamson pointed out that he has language in the report in response to that request. Mr. Adamson and Chair Wilczek walked through the report. Mr. Boles provided an update on the status of the Millennium pipeline. The 2<sup>nd</sup> Circuit District court did order a stay of construction and will hear oral arguments on December 5<sup>th</sup>, in the meantime there is no construction taking place. In response to Mr. Younger, Ms. Nelson explained there are some potential environment hurdles that could delay construction depending upon when the U.S. District Court makes their decision. Mr. Younger and Ms. Nelson discussed in detail the process NYISO and the EC would undertake if CPV cannot begin operation as planned. Mr. Younger's concern is that the unit will not be available and the IRM would need to be potentially changed. NYISO will clarify the timeline with the EC so they can make the most informed decision going forward. Mr. Hodgdon and Mr. Patka presented the NYISOs recommended changes. Chair Wilczek went through each page of the document. Mr. Younger, Mr. Adamson, and others raised questions regarding the NYISOs changes. In the end ICS members approved the IRM report for 2018. The final draft will go to the EC on Friday.

### **4.3 Final Draft IRM Report Appendix – For Comment and Approval**

Mr. Adams went through the status of the IRM report appendix. Mr. Adams explained why the solar had more of an impact on the IRM than the wind. The major changes occurred in the topology section. The topology including NY and the outside world has been updated in the appendix. Transmission is being presented different than in the past. Chair Wilczek questioned whether the

change in how ICS is treating the emergency assistance should be mentioned in the appendix. Mr. Drake and Mr. Adams confirmed it was included in the document. Mr. Kosel commented based on the discussion earlier in the meeting around UCAP/ICAP conversion in the wind sensitivity that ICS does look at the ICAP and he recommends including it in the appendix. Mr. Drake plans to provide this information for the report.

## **5. NYISO Alternative LCR Methodologies**

### **5.1 Current Status**

Mr. Stines provided an update on the progress of the alternative LCR methodology analysis. At the November BIC the Alternative LCR methodology passed a stakeholder vote to continue in 2018 to work on tariff language and other administrative issues. Chair Wilczek asked if NYISO would have a scheduled in January for the plan in 2018. Mr. Stines said he would be back in early 2018 with a work plan for 2018. Mr. Boles reiterated that NYISO is anticipating the new methodology will be used for calculating the 2019-20 LCR methodology. Mr. Adamson was concerned for Mr. Stine's unhappiness after recent loss by the Georgia Bulldogs. Mr. Stines assured the group he is was ok and able to press on.

### **5.2 ICS Report to the Executive Committee**

Mr. Adamson and Chair Wilczek provided an overview of the NYISO's Alternative LCR proposal. The EC requested this report from ICS to better understand the group's conclusion and recommendation on the proposal. Mr. Drake asked where the LOLE values were for the other regions. Mr. Adamson did not include the other regions. Mr. Younger stated that scenario 4 on page 3 are based on the preliminary analysis. NYISO calculated final optimized LCR for this case using an updated Transmission Security Limit (TSL) but NYISO did not have time to re-run the sensitivities. Chair Wilczek recommended putting a sentence in the report referencing the final LCR but explaining the analysis used in this report was based on the preliminary LCR values for case number 4 on page 3. NYISO and ICS agreed to add a footnote under table 1 to alleviate this confusion. Mr. Patka raised a concern regarding ICS's request for RCMS to develop a separate NYSRC rule of compliance of self-certification based on reliability rule A.2. The NYISO objects to the fact they are being asked to self-certify prior to the implementation and calculation of the new LCR methodology. Mr. Younger questioned whether this language clearly defines a certification be done before implementation or that RCMS is being asked to develop a certification for when the new methodology in implemented. After detailed discussion by Chairman Wilczek, Ms. Nelson, Mr. Adamson, Mr. Patka, and Mr. Younger new language was agreed upon to bring to RCMS asking NYISO to confirm they are complying with the NYSRC rules as the new methodology is being design.

### **Additional Agenda Items**

None were indicated.

*Secretary: Tim Lundin (NYPA)*

Upcoming meetings:

Meeting 203, Tuesday, January 3, 2018 at NYISO Corporate Center