

NYSRC Installed Capacity Subcommittee

Teleconference

November 17th, 2015

8:30 a.m. – 9:30 a.m.

Meeting Minutes

Attendees

	Present	Tel
Members / Alternates:		
Mr. Rich Wright (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Dmitriy Kiselev (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Howard Kosel (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Sanderson Chery (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Richard Brophy (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. John Tighe (NYSEG-RGE)	<input type="checkbox"/>	<input type="checkbox"/>
Dr. Syed Ahmed (National Grid)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Mark Younger (Hudson Energy Economics, LLC.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Bob Boyle (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Mike Mager (Couch White LLC)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ms. Mariann Wilczek (PSEG-LI), ICS Vice-Chair/Secretary	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Advisers/Non-member Participants:		
Ms. Erin Hogan (DOS), ICS Chair	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Greg Drake (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Ciani (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Dana Walters (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Howard Tarler (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Carl Patka (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dr. Kai Jiang (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Yachi Lin (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Vijay Ganugula (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Quimby (NY DPS)	<input type="checkbox"/>	<input type="checkbox"/>

Mr. Edward Schrom (NY DPS).....	<input type="checkbox"/>	<input type="checkbox"/>
Dr. Kelvin Chu (GE).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Al Adamson (Consultant).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. John Adams (Consultant).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Scott Leuthauser (Consultant for H.Q. Services).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ms. Kelli Joseph (NRG).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. James Scheiderich (ECS).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Guests Present:

Mr. Alan Ackerman (CES).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Timothy Lundin (CES).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Liam Baker (USPowerGen).....	<input type="checkbox"/>	<input type="checkbox"/>

1. Organizational Announcement

ICS Chair Erin Hogan noted in December she will be chair of the ICS for two years. Bob Boyle has agreed to become chair again in January 2016. Mariann Wilczek has replaced Greg Chu as vice-chair/secretary. Dmitriy Kiselev and Howard Kosel will be replacing Greg Chu as Con Edison Alternate and Member, respectively.

2. Review Remaining Sensitives

The following sensitivities have been completed:

- **NYCA Isolated**
- **New GE-MARS Multiple Year Wind Shape Model**

3. Special Sensitivity Update/Topology and Results

A discussion of the inclusion of the Huntley retirement ensued. The ISO issued a determination to the NYPSC hat there was no reliability violation with the Huntley units retired and the updated National Grid LTP included. The ISO performed a Special Sensitivity analysis reflecting the Huntley retirement and a topology

change that updated Zone A as well as the Dysinger East flows. NYISO (Yachi Lin) noted that the National Grid LTP was included in this case. National Grid has ordered the equipment and is anticipated to be in service prior to the 2016 summer peak. NYISO (Frank Ciani) noted the results have not been totally reviewed by the ISO with the validation still outstanding. A full Tan 45 was performed with a resulting IRM of 17.4%, an LCR for NYC of 80.8% (80.9% for base case) and LI with an LCR of 102.4% (102.6% for base case). It was noted that this sensitivity qualifies as a Special Sensitivity because if these changes to the transmission and generation assumptions were known at time the base case assumptions were approved, the Huntley retirement and related topology changes would have met the base case inclusion rules and would have been part of the final IRM base case analysis.

The ICS approved the 17.4% IRM contingent on the NYISO completing the internal reviews with no changes and LIPA and Con Edison signing off on the regression. ICS Chair Erin Hogan requests that LIPA, Con Edison and NYISO send notes to the ICS email list that their reviews have been completed and no issues have been found.

4. NYISO paper on 5-bubble study and its status

There was significant discussion on the November 6 NYSRC Executive Committee request for the NYISO to perform a sensitivity on the PJM 5-bubble model. Al Adamson read the draft minutes from the meeting. "If time permits the NYISO will perform a PJM 5-bubble sensitivity case and prepare a separate draft write up to be available by the December 4 Executive Committee meeting. To the extent which the 5-bubble representation appears in the 2016 IRM report will be finalized at the December 4 Executive Committee meeting." Al noted that the Executive Committee recommended that the ICS review the results, if available, prior to the Executive Committee meeting.

Mark Younger asked the NYISO to include in their report the critical issues that the NYISO has raised in the past and the amount of work they have done in relation to that. Mike Mager noted if the Executive Committee does decide to

include this sensitivity in the report then the Reliability Council will need some language to explain this sensitivity and also include some of the limitations which would be a shorter but different write up than what the NYISO might do.

NYISO Counsel Carl Patka agreed with Al Adamson's recount of the minutes. The NYISO will provide a write up with the concerns with the 5-bubble model and sensitivity analysis and results associated with that. He also agreed to the extent that the NYISO has resources they will attempt to run the model and see if it provides any cogent results. The NYISO (Carl Patka and Dana Walters) expressed concerns with ability to come to the November 30 ICS for their review as the timing is tight as is for the December 4 EC. ICS Chair Erin Hogan noted that the NYISO should use their best efforts but if the NYISO is not able to come to the November 30 ICS, there could be a meeting prior to the December 6 EC. The NYISO agreed to provide a status update on Monday, November 30. The NYISO also expressed concerns over the report and noted this would be a brief write-up. ICS Chair Erin Hogan encouraged the NYISO to take this opportunity to document everything that has been done and the time to document the NYISO's concerns.

5. Next steps on IRM Report and Appendices

Al Adamson reported on the status of the IRM report. The appendix and body are two separate documents right now. The body does talk about the PJM 5-bubble model, and for the purposes of the draft, it assumes testing was done and it was not approved for use for the base case or as a sensitivity, in accordance with EC instructions. It will be looked at for next year subject to change by the EC. Comments are due before November 30.

John Adams reported that the Appendix was sent to NYISO (Greg Drake) last week and Greg indicated that he would prefer to perform the updates instead of sending John the documents. John will follow-up after this meeting. It was noted that the references in the bottom of the Appendix are from last year and could be different.

6. Additional Notes

ICS Chair Erin Hogan noted the next meeting is on November 30th. Erin noted that there are lingering items that the ICS is trying to made headway on. She will review those items and assess what is realistic to cover in the next meeting. The remainder will then be taken up by incoming ICS Chair Bob Boyle in January 2016.

Secretary: *Mariann Wilczek*

(PSEG LI)

Next meeting:

Meeting 178, Monday, November 30th at NYISO HQ
