

Draft Minutes
New York State Reliability Council
Installed Capacity Subcommittee
Meeting #198 – August 2, 2017
NYISO Corporate Center, Rensselaer NY

Attendees

| | Present | Phone |
|---|-------------------------------------|-------------------------------------|
| Members / Alternates: | | |
| Rich Wright (CHG&E) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ruby Chan (CHG&E) | <input 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"/> |
| Khatune Zannat (PSEG LI)..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Philip Moy (PSEG LI)..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Paul Dibenedetto (PSEG IL) | <input type="checkbox"/> | <input type="checkbox"/> |
| Lubaba Islam (PSEG IL)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Lucyna Khazanovich (PSEG LI) | <input type="checkbox"/> | <input type="checkbox"/> |
| Mariann Wilczek (PSEG LI) ICS Chair | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Richard Brophy (NYSEG-RGE) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| John Tigue (NYSEG-RGE) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tim Lundin (NYPA) ICS Vice Chair/Secretary | <input type="checkbox"/> | <input type="checkbox"/> |
| Bob Boyle (NYPA)..... | <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 checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ben Carron (National Grid)..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Clay Burns (National Grid)..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Jim D’Andrea (TC Ravenswood)..... | <input type="checkbox"/> | <input checked="" 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"/> |
| Ed Schrom (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"/> |
| Steve Lemme (NYISO) | <input 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 type="checkbox"/> | <input type="checkbox"/> |
| Brian Hodgdon (NYISO) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ryan Carlson (NYISO) | <input 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"/> |
| David Allen (NYISO)..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nate Gilbraith (NYISO) | <input type="checkbox"/> | <input type="checkbox"/> |
| Max Shuler (NYISO)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Emilie Nelson (NYISO) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Greg Campbell (NYISO) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vijaya Ganugula (NYISO) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kelli Joseph (NRG)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mathew Schwall (IPPNY) | <input checked="" 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"/> |
| Dimitri Kordonis (UIU)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Wes Hall (GE)..... | <input type="checkbox"/> | <input checked="" 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 August 2, 2017.

2. Approval of Minutes for Meeting #198

The meeting minutes were approved with comments.

3. Review of Action Items List

Chair Wilczek reviewed the action item list. Chair Wilczek assigned Josh Boles as the responsible individual to Item 197-1 (NYISO to provide updates of GE's Modeling effort on the treatment of the Capacity Exports).

4. Review of 2017 ICS Proposed Task List

4.1 Review of Initial Parametric Study Results

Mr. Drake provided an update on the progress of the parametric study. During the preliminary analysis NYISO came across a potential issue in the model. NYISO has asked GE to look at the model and make this a high priority based on the timing of the issue. Mr. Younger asked that the NYISO update ICS members before the next monthly meeting to discuss progress made on this potential problem. Chair Wilczek plans to schedule two calls before the next meeting to provide updates on this issue.

4.2 Sensitivity Case List

Chair Wilczek reviewed the sensitivity case list the NYISO prepared based on last year and conversations had at ICS in 2017. Mr. Younger, Ms. Nelson, Mr. Adams, and Mr. Drake had a discussion around the estimated emergency assistance assumed in the PJM support case for #7 (Limit Emergency Assistance into SENY to 1500 MW). The discussion continued on whether the whether the DC lines (Linden and HTP) should be included in the emergency assistance value for the overall PJM limit of 1,500 MWs that covers the PJM and NY ties. Mr. Younger requested a nomogram with both AC and DC lines. Mr. Kiselev and Mr. Adams discussed how the 1,500 MW of emergency assistance available at peak conditions in Western PJM versus the Mid Atlantic Dominion (Eastern PA) determined the emergency assistance value used in Mr. Adams study. Mr. D'Andrea, Mr. Younger, and the NYISO discussed whether a sensitivity should be conducted on the availability of the HTP line and it was determined it was not necessary at this time. Mr. Younger and Mr. Drake discussed the possibility of a sensitivity looking at emergency assistance limits at individual interfaces. Mr. Drake was concerned that this was not included in the scope and doing a sensitivity on something NYISO hasn't studied is an issue. Mr. Adamson, Mr. Younger, and Mr. Walters debated whether a TAN 45 should be run for case 9a-9c, it was determined that a TAN 45 would only be run on 9c. The updated sensitivity case will be presented at the August EC meeting.

4.3 2016 Summer Maintenance Analysis

ICS approved the 50 MWs of summer maintenance based on the analysis conducted by Mr. Adams.

4.4 2018-19 IRRM Study Assumptions Matric Update

Mr. Drake provided an update to the assumptions matrix. Mr. Adamson asked how changes were being incorporated into the document. Mr. Drake explained that changes are made based on the previous version and Mr. Adamson asked if the NYISO could provide these revisions accumulatively so the EC can follow the changes over time in which Mr. Drake agreed to do going forward.

5. NYISO Alternative LCR Methodologies

Mr. Stines provided an update on the progress of the alternative LCR methodology analysis. NYISO and GE have completed some preliminary work on the sensitivities and are continuing to work on the transmission security. Mr. Adamson, Mr. Stines, Mr. Mager, and Mr. Younger talked about whether ICS should be providing input into the analysis at this point and it was determined that at this time the work is still in a preliminary phase. Mr. Boyle asked for clarification on why the EC was being updated with preliminary data and Mr. Mager believes this is helpful to the EC to know what NYISO is doing with this effort and therefore can ask questions along the way. Mr. Adamson asked if GE was working on the zonal analysis ICS requested and Mr. Stines replied that GE is unable to run that analysis until the final methodology for the LCRs are complete. Mr. Adamson, Mr. Stines, Mr. Younger, and Mr. Boyle discussed how transmission security scenarios could be applied to the LCR optimization GE is working on. NYISO plans to present an update to the EC at the August meeting.

6. NYISO Recommended Policy 5 Revisions

The NYISO found instances in their processes where Policy 5 could be revised and Mr. Drake presented the recommended changes. Mr. Adamson, Mr. Younger, Ms. Nelson, and Mr. Drake discussed the recommended revisions and how this should be prioritized compared to other agenda items. Ms. Nelson reiterated that NYISO is focused on the modeling issues but this was simply an attempt to get ahead of the curve. Ms. Wilczek suggested the group review the NYISO recommendations and discuss this issue in a future ICS meeting.

7. Additional Agenda Items

None were indicated.

Secretary: Tim Lundin (NYPA)

Upcoming meetings:

Meeting 199, Tuesday, August 29th, 2017 at NYISO Corporate Center

Meeting 200, Wednesday, October 4th, 2017 at NYISO Corporate Center

Meeting 201, Wednesday, November 1st, 2017 at NYISO Corporate Center

Meeting 202, Tuesday, November 28th, 2017 at NYISO Corporate Center