

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #236 – September 2nd, 2020
Telephone Conference**

Attendees

Present Phone

Members / Alternates:

Ruby Chan (CHG&E) ICS Chair	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brian Shanahan (National Grid) ICS Vice Chair / Secretary.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Wright (CHG&E)	<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 checked="" type="checkbox"/>
John Dellatto (PSEG LI).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Khatune Zannat (PSEG LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mariann Wilczek (PSEG LI)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Brophy (NYSEG-RGE).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alan Michaels (NYPA).....	<input type="checkbox"/>	<input type="checkbox"/>
Mark Younger (Hudson Energy Economics, LLC – Wholesale Sellers)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chris Wentlet (Municipals & Electric Coops)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mike Mager (Couch White – Large Consumers)	<input type="checkbox"/>	<input type="checkbox"/>
Clay Burns (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rich Bolbrock (Unaffiliated Member)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Advisers/Non-member Participants:

Jack DiOdoardo (CHG&E)	<input type="checkbox"/>	<input 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"/>
Alan Ackerman (CES).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Greg Drake (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Josh Boles (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frank Ciani (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ryan Carlson (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Carl Patka (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
David Allen (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Nate Gilbraith (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jonathon Newton (Direct Energy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Richard Quimby (NYDPS)	<input type="checkbox"/>	<input type="checkbox"/>
Adam Evans (DPS)	<input type="checkbox"/>	<input type="checkbox"/>
Chris Hall (NYSERDA).....	<input type="checkbox"/>	<input type="checkbox"/>
Dan Mahoney (NYPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jim D'Andrea (LS Power).....	<input type="checkbox"/>	<input type="checkbox"/>
Jim Kane (NYPA)	<input type="checkbox"/>	<input type="checkbox"/>
Kevin Osse (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ying Guo (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Erin Hogan (UIU)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Maeve Conway (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Norman Mah (Con Ed Energy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Matt Cinadr (E Cubed)	<input type="checkbox"/>	<input type="checkbox"/>
Chris Gloria (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Katie Hannigan (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Matthew Schwall (IPPNY)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Kenneth Galarneau(Direct Energy).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Norman Mah (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Liam Baker (Eastern Generation)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Matt Schwall (IPPNY)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brian Krall (East Coast Power & Gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yvonne Huang (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Andrea Calo (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Amanda Myott (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
David Withrow (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dan Jerke (Unknown)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Karl Hofer (Unknown).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1) Roll Call

- Roll call was conducted.

2) Introduction and Request for Additional Agenda Items

- Chair Ruby Chan called the NYSRC ICS meeting to order at 10:00 A.M. on August 17th, 2020.
- An update to the summer maintenance was given by John Adams as NYISO reclassified a large unit's maintenance to a maintenance derate (D4). Recommendation to keep current numbers is unchanged. There was a discussion about how the units are selected to represent the 50 MW of summer maintenance.

3) Approval of Minutes for Meeting #234 – – R. Chan

- Minutes were approved with no comment.

3.1 Approval of Minutes for Meeting #235 – – R. Chan

- Minutes were approved with no comment.

4) Preliminary base case data to Con Ed/LIPA and GE for data quality assurance review – N. Gilbraith

- GE identified a masking issue in the H5 file.
- Data was sent to GE but not Con Ed/LIPA as GE has indicated an update is needed to the software in order to properly mask the (H5) data.

4.1 Results of GE review of PBC – N. Gilbraith

- NYISO stated that GE did not find any significant issues with the database. NYISO is investigating some minor suggestions by GE.

5) Backing out IP3 retirement and topology updates (Tan 45 analysis) – – N. Gilbraith

- The tan 45 analysis showed that the retirement of IP3 caused upward pressure on the IRM with little effect on the LCRs. The committee was satisfied with the analysis for describing the changes in IRM. It was suggested that the future work (tan 45's requested by Mr Younger) would better describe the upward pressure on IRM during the parametric analysis.
- ICS tentatively approved the analysis.

6) Sensitivity testing on preliminary base case – F. Ciani

- Sensitivities are ongoing. There was a discussion about how the SCRs would be modeled with reduced output over extended hours (during 6 and 8 hour durations). NYISO agreed to present, at the 9/16/20 call, how this is being accomplished.
- It was stated that a 6 hr duration would be used for Energy Storage Resources with full output for 4 hours and 50% output for the last two hours.

7) Preliminary parametric study results – For ICS Approval – – F. Ciani

- The NYISO went over the parametric changes with the tan 45 results from the IP3 retirement case. It caused a negative 0.68 parameter to become a positive 0.5 result for line 9, the 'topology' entry. The overall results of the parametric results for the PBC was an IRM of 19.1%.
- The committee approved the results but indicated that the tan 45's previously agreed to need to be conducted.
- NYISO will repost the study results with explanatory footnotes for any significant changes that were made since the last results presentation.

8) Preliminary 2021 Base Case IRM – For ICS Approval – – N. Gilbraith

- The NYISO indicated that the PBC tan 45 remains at 20.1% with indicative values of NYC LCR at 82.7 and LI LCR at 97.3%. The ICS expressed concern that the Long Island LCR is significantly below the floor value of roughly 102% from last year. Mr Younger indicated that the floor values should not change significantly from year to year. It was recognized that a lower IRM value could be possible if the NYSRC were to accept floor values in their tan 45 analysis. There was a discussion about how the floor values would not be fully known until the security limit analysis and the demand curve reset were finished later in the year. The NYISO is considering performing an optimized LCR case on the PBC results for informational purposes. The values of the tan 45 were approved.
- ICS Approved bringing the Preliminary 2021 Base Case to the Executive Committee.

9) Draft table 6-1 for PBC – – G.Drake

- Mr. Drake presented Table 6-1, which itemized the various factors that changed and impacted the 2021 IRM increase from 18.9% to 20.1%. The draft table was reviewed and accepted conditionally based on the filling in of the topology change description. NYISO will work with Greg Drake on the table which will be re-posted prior to Executive Committee review.
- ICS Approved bringing the Draft Table 6-1 to the Executive Committee.

10) Final Base Case Assumption Matrix Draft – – M. Conway

- Ms. Conway presented Generation parameter changes between 2020 and 2021.
- Energy Limited Resources (ELR) will be modeled based on selections as of August 2021.
- The committee was interested in any non-confidential information the NYISO could share about the size of participating units. Upon request for more information on ELR by Mr. Younger, Mr. Patka stated that the NYISO cannot reveal additional ELR information without revealing confidential market participant information. Mr. Patka stated that the NYISO would take this back and evaluate what, if any, additional granularity in terms of aggregate data, that might be able to be provided on ELR.
- NYISO indicated they would work with NYSRC consultants (who have non-disclosure agreements) in order to understand the modeling of these resources.

11) Additional Agenda Items

- The September 16th meeting will be primarily to review NYISO's tan45 sensitivity analyses.
- The Summer Maintenance item discussion was summarized in Section 2 of these minutes

Next Meeting

Meeting #237 – Wednesday September 16th, 2020, 10 am – Telephone Conference