

Draft Minutes

**New York State Reliability Council - Installed Capacity Subcommittee (ICS)
Meeting #234 – August 5th, 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 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 type="checkbox"/>
Khatune Zannat (PSEG LI)	<input type="checkbox"/>	<input type="checkbox"/>
Mariann Wilczek (PSEG LI)	<input type="checkbox"/>	<input type="checkbox"/>
Richard Brophy (NYSEG-RGE).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Cordi (NYPA)	<input type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>
Greg Drake (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Josh Boles (NYISO)	<input type="checkbox"/>	<input 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 type="checkbox"/>
John Newton (Direct Energy)	<input type="checkbox"/>	<input 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 type="checkbox"/>
Jim D'Andrea (LS Power).....	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>
Matt Cinadr (E Cubed)	<input type="checkbox"/>	<input type="checkbox"/>
Chris Gloria	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Katie Hannigan (NYISO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Al Adamson (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chuck Alonge (NYISO)	<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 June 3rd, 2020.

3) Approval of Minutes for Meeting #233

- ICS approved Meeting #233 minutes with an update to Mr. Younger's comments on single external area representation.

4) Review of List of Tasks for 2021 Study

- Tasks reviewed with all items on schedule. Updated format of list of tasks to add table showing status of White Papers

5) Resource Adequacy Metrics Report – – C. Wentlent & A. Adamson

- Mr. Wentlent and Mr. Adamson presented the Resource Adequacy Whitepaper and discussed the various metrics evaluated and how they are used globally (LOLE, EUE, etc.).
- The NYSRC Working Group recommends that the NYISO and the NYSRC consider whether the 2021 IRM Study should calculate three metrics (LOLH, EUE and LOLE,) and report them to the Executive Committee.

6) Update on PSC Resource Adequacy Technical Conference – C. Wentlent & A. Adamson

- Mr. Wentlent provided a summary of the technical conference topics.
- PSC is committed to retaining the 0.1 LOLE criteria.
- There are five scenarios in the Brattle Report concerning going forward consideration: 1) Status quo, 2) Current Market with extended buyer side mitigation, 3) A PSC centralized market without extended BSM, 4) A bilateral Market only (no auctions) with LSE contracts and, 5) A co-optimized market.

7) Load Forecast Uncertainty Modeling White Paper Scope – – C. Alonge

- Mr. Alonge presented the LFU Modeling White Paper Scope, which will focus mainly on long-term temperature and humidity distributions across multiple regions of the New York Control Area (NYCA).
- The proposed NYISO scope is an expansion of the data (more years studied), along with various methods of analysis, CTHI, TV, TH14. etc., and regional correlation of extreme weather. There were no formal comments so White Paper Scope will be presented to the Executive Committee for approval.

8) Incremental Reliability Value of Intermittent – – K. Osse

- Mr. Osse presented a proposal for further analysis of how the reliability value of intermittent resources changes as penetration levels increase. The presentation was called "High Renewable Whitepaper Supplemental Analysis". This is the second high renewable study and will contain additions of 2,000, 4,000, and 6,000 of each of three types of renewables; on-shore wind, off-shore wind, and solar. The added amounts will total 6,000, 12,000, and finally 18,000 MWs of added interruptible capacity. A parallel set of cases will test these amounts without internal NYCA constraints. All work to be completed by year's end.

9) Final Preliminary Base Case Assumptions Matrix – – M. Conway

- Ms. Conway presented the updated PBC Assumptions Matrix (V7.0) with several items updated with more current information (such as SCR) with the estimated IRM impacts of each change.
- Discussion was conducted over the removal of certain Units from capacity market assumption participation, based on a lack of ever having provided Capacity, in Attachment B2.
- ICS approved this document to be sent to the EC for review. Three questions were put forth to be answered, 1) what caused the voltage reduction testing results to be measurably higher (100 MW) higher than last year, 2) Same with voluntary curtailments (50 MW higher), 3) can the SCR performance and levels be added to attachment F from last year's assumption matrix?

10) Proposed list of sensitivity cases for IRM Study – – For ICS Approval – M. Conway

- Reviewed list and added new "For Information Only" sensitivity case #8, Impact of Planned Public Policy Upgrades.
- Revised and clarified intent of Sensitivities 6 and 8 and reworded Sensitivity 7's reason.
- The 8 sensitivities were approved and will be sent to EC and posted under meeting materials for the ICS. These changes are not expected for the 2021 IRM Study.

11) 2019 Summer Maintenance Assumptions – – J. Adams

- 2019 data reviewed. Based on a review of high load days, Mr. Younger questioned the appropriateness of using the 50MW summer maintenance outage assumption for the 2019-2020 IRM study (25 MW in Zones J & K each).
- The ICS approved the recommendation to continue with the 50 MWs of summer maintenance, as before (25 MW in Zones J & K each). The group asked the NYISO why a 1,000 MW downstate unit was allowed to take a MO for 16 days during the NYCA peak conditions, and whether the units should have been reported as forced out, at least for when the NYCA peaks occurred. Further investigation of this will be reported on at the next meeting.

12) Parametric study results – – F. Ciani

- Early indications of a precipitous drop in IRM were revised due to found errors in modeling of external resources. The IRM parametric value stands at 18.1 % pending the last run in which all external representations are completed.
- Ontario has supplied load shapes for their renewables which is different than previous traditional modeling. This seems to have increased resources available to NY. It's possible that Ontario's peak occurs later in the day now and can give more help during NYCA peak.
- It was suggested that the daily peaks should be aligned. NYISO is looking into this and will report at the August 17th meeting.
- NYISO indicated that the final parametric and the tan 45 will be complete in time for the August 17th meeting.

13) DRAFT 2021 NYSRC Meeting Schedule – – R. Chan

- Draft 2021 meeting schedule presented. It is expected that at least the first 3 months of ICS meetings will continue to be via Webex.

14) Additional Agenda Items

- Ms. Chan discussed changes she made to the website. These changes were well received.

Next Meeting

Meeting #235 – Monday August 17th, 2020, 10 am – Telephone Conference