

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 261
January 15, 2021
Conference Call

Members and Alternates in Attendance:

Mayer Sasson	Consolidated Edison Co. of NY, Inc – EC Chair
Chris Wentlent	Municipal & Electric Cooperative Sector – Member – EC Vice Chair
Rich Bolbrock, P.E.	Unaffiliated Member
Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
Bruce Ellsworth, P.E.	Unaffiliated Member
Steve Whitley	Unaffiliated Member
Frank Pace	Central Hudson Gas & Electric – Member*
Mark Domino, P.E.	National Grid, USA – Member*
Bart Franey	National Grid, USA – Alternate Member*
Mohammed Hossain	NYPA – Alternate Member
Tim Lynch	NYSEG and RG&E – Member
Rick Brophy	NYSEG and RG&E – Alternate Member
Curt Dahl, P.E.	PSEGLI - Member
Mike Mager	Couch White-Large Customer Sector – Member
Matt Schwall	Independent Power Producers of NY (Wholesale Sellers Sector- Member
Mark Younger	Hudson Energy Economics – Wholesale Sellers Sector – Alternate Member

Other Attendees:

Paul Gioia Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Al Adamson	NYSRC Treasurer and Consultant
Brian Shanahan	National Grid, USA – Member – ICS Chair
Greg Drake	NYRSC ICS Consultant
Phil Fedora	Northeast Power Coordinating Council, Inc.
Diane Burman	NYS Department of Public Service*
Vijay Puran	NYS Department of Public Service
Josh Boles	New York Independent System Operator
Nate Gilbraith	New York Independent System Operator*
Rick Gonzales	New York Independent System Operator
Rana Mukerji	New York Independent System Operator
Carl Patka	New York Independent System Operator
Robb Pike	New York Independent System Operator
Zack Smith	New York Independent System Operator
Wes Yeomans	New York Independent System Operator*
Matt Koenig	Consolidated Edison Co. of NY, Inc
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Erin Hogan	DOS – Utility Intervention Unit
Mariann Wilczek	PSEGLI
Scott Leuthauser	Hydro Quebec
Matt Cinadr	E Cubed
Ed Schrom	Consultant
Keith Galarneau	Ravenswood Generating
Andrea Calo	Customized Energy Solutions
Diem Ehret	National Grid, USA

as in the past, members of the NYSRC EC, Consultants and Sub-Committee chairs need to obtain updated Code of Conduct Disclosures. H. Schrayshuen will send requests to the NYSRC EC Member, Alternates, and Consultants. Sub-committee Chairs were tasked with obtaining receiving 2021 Code of Conduct disclosures for their respective committees. Code of Conduct Disclosure are due before the February EC meeting.

33. **NYSRC Policy for Distribution of Market Sensitive Documents – M. Sasson – M.** Sasson stated this project is ongoing and he will report on progress in February. P. Gioia and C. Patka stated that NYISO will be submitting comments to the current draft.
34. **Other Organizational Issues – None to report.**

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – B. Shanahan, ICS Chair

41. **ICS Chair Report – R. Chan - Attachment #4.1 – M. Sasson** welcomed Brian Shanahan as the 2021 ICS Chair. B. Shanahan discussed attachment #4.1 – Summary of ICS meeting #242 on January 6, 2021. At the meeting the ICS prioritized the planned 2021 White Papers and reviewed the 2022-2023 IRM Milestone Schedule.

4.1.1. Discuss Whitepaper scope – Investigate Inconsistencies Between TAN-45 and Alternative LCR results - Attachment #4.1.1 – N. Gilbraith reviewed the draft whitepaper scope. C. Dahl stated that the local Transmission Security Limit (TSL) calculation needs to be reviewed first and should be part of the scope of the white paper. M. Sasson suggested that using a model that takes economics into account is not the role of the NYSRC EC. M Mager disagreed, stating the model should be reviewed with reliability being the main driver but if the economics can help the end user, the economics should not be discounted. The NYISO stated they support the review of the TSL process. M Younger supported the review of the TSLs but also stated that the TSLs should be reviewed using both the TAN-45 process and the Optimizer. M. Sasson cautioned regarding the time and labor it would require to accomplish both efforts.

4.1.2. Discuss 2020-2023 IRM Study Milestone Schedule - Attachment #4.1.2 – B. Shanahan asked the EC for any comments to be sent to him by 1/29/2021.

42. **Other ICS Issues –**

4.2.1. Discussion of presentation by Robert Catell – P. Gioia – P. Gioia stated that Robert Catell of the Advance Energy Research and Technology Center contacted him and offered to speak at the NYSRC EC meeting in February 2021. P. Gioia and H. Schrayshuen will work with Robert to setup a time for the presentation. (AI-261-2)

5. Reliability Rules (RRS) Status Report/Issues –R. Clayton, RRS Chair

51. **RRS Status Report Discussion Issues – Attachment #5.1-** R. Clayton reported on attachment #5.1 providing a summary of RRS meeting #257, which took place on January 7, 2021. There are currently no PRRs under development, open for comment, or up for final approval.
52. **List of Potential Reliability Rule Changes – Attachment #5.2 – R. Clayton** stated that the table in Attachment #5.2 is up to date.
53. **Other RRS Matters – R. Clayton** reported RRS had discussed the IEEE 1547-2018 standard. The NYISO gave a briefing on the handling of this standard. The TOs' have the interconnection responsibility and authority for behind the meter

connections. The NYISO is working with the TOs. IEEE is in the process of developing the IEEE P2800 IBR Interconnection Standard. This standard focuses on Bulk Power System interconnections and has a projected implementation date of 2022.

R. Clayton gave a summary on a Final Root Cause Analysis of the California load Shedding Event published on January 13, 2021. The analysis identified three root causes that contributed to the outages; extreme weather conditions, resource adequacy and planning process failures, and market practices. The report stated that extreme heat resulted in a demand which exceeded resource planning targets.

R. Clayton noted that the NERC 2020 Summer Analysis stated that there were enough resources to cover the load, and the load at the time of the event was less than the projected seasonal peak load. Import bids show that the CAISO was reliant on resources that were not contracted to respond to the reliability need. The report listed several recommendations to limit future incidents.

R. Clayton stated that there is a NERC 2021 Reliability Leadership Summit on January 26 and 27. H. Schrayshuen will distribute the registration link. (AI-261-3) The RRS and the NYISO are now looking at potential extreme weather condition impacts on the system using the 2020 RNA data. R. Clayton also stated that in the most recent NYISO interconnection queue there is a total of 36 GW of proposed facilities between storage, solar, and wind projects. The RRS 2020 Annual Report will be given at the February 2021 NYSRC EC Meeting.

6. Reliability Compliance Monitoring Subcommittee (RCMS) Status Report/Issues –R. Clayton, RCMS Chair

- 61. RCMS Status Report – Attachment #6.1** - R. Clayton reported on attachment #6.1, a summary of the RCMS Meeting #251 held on January 7, 2021. He reported that the RCMS found the NYISO to be in full compliance for Real Time Operations of the NYS BPS for the month of November (C8:R1).
- 62. 2020 Reliability Compliance Program – R. Clayton - Attachment #6.2** – R. Clayton stated that the compliance scorecard is up to date. The 2020 scorecard is complete except for review of Real Time Operations for December.
- 63. 2021 Reliability Compliance Program – Attachment #6.3 – EC Approval Item** – R. Clayton stated that the NYISO agrees with the 2021 Reliability Compliance Program. R. Bolbrock made a motion to approve the 2021 Reliability Compliance Program. The motion was seconded was S. Whitley and was unanimously approved by the EC in attendance. (13-0)
- 64. Other RCMS Issues** – The RCMS 2020 Annual Report will be given at the February 2021 NYSRC EC Meeting.

7. NYISO Status Reports/Issues

- 7.1. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1** – Z. Smith reported that the NYISO issued a solicitation for solutions to address the 2020 reliability need identified in the Short-Term Assessment of Reliability Process (STAR). Proposals are due February 1, 2021. The NYISO also updated the assumptions in the RNA. The NYISO has been working to improve the Economic Planning Process and presented tariff improvements to the Business Issues Committee and the Management Committee in December. The proposed

improvements received unanimous approval. The changes were presented to and approved by the NYISO Board of Directors in January. NYISO will submit tariff changes to FERC. Comments on the proposals submitted to the PSC in the new Public Policy Planning cycle are due January 19, 2021. There was an Interregional Planning Stakeholder Advisory Committee meeting on December 12, 2020.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 - R. Mukerji reviewed attachment #7.2 stating the tariff changes for Reserves for Resource Flexibility were approved and filed with FERC on December 11, 2020. Stakeholders also approved amendments to the design to treat Landfill Gas resources similar to the treatment of wind and solar resources. The NYISO filed the tariff changes for the Hybrid Co-located Model in December 2020 and is waiting on a response from the FERC on the Demand Curve Reset filing.

73. NYISO Monthly Operations Report – W. Yeomans –

7.3.1. NYISO 2020-21 Winter Readiness Presentation – Attachment #7.3.1 – W. Yeomans presented attachment #7.3.1

7.3.2. NYISO Operations Report, December 2020 – Attachment #7.3.2 – W. Yeomans – W. Yeomans stated there was significant snowstorm on December 1, 2020. The storm was well predicted and did not have a major impact on either transmission or generation. The storm on December 25, 2020 also did not have an impact to transmission or generation. The peak load in December occurred on December 16, 2020 at 22,541 MW. There were 0 hours of thunderstorm alerts and 0 hours of NERC TLR level 3 curtailment. The NYISO is still actively keeping watch on the COVID-19 pandemic. On December 29, 2020 Mexico had a blackout of 25% of its customer base at 8,500MW. The interconnections between Mexico and the US were not affected. On January 9, 2021 Pakistan had a blackout of their entire system which lasted 8 hours.

W. Yeomans reported that in response to the request of the NYSRC (EC Action Item #259-2), the NYISO staff examined the magnitude of the potential summer capacity deration for certain temperature sensitive generation units during the summer peak period. The NYISO currently estimates this derating on a statewide basis to be between 200 and 210 MW. A more detail review is planned prior to the summer 2021 season.

8. De-carbonization & DER – M. Koenig-

8.1. Decarbonization/DER Report – M. Koenig - Attachment #8.1 – M. Koenig reported on attachment #8.1 which includes all de-carbonization efforts. Attachment includes links to the referenced documents. M. Koenig stated the NERC 2020 Long Term Reliability Assessment Report stated nearly all points of the Western Interconnection, ERCOT and MISO show levels of increased resource adequacy risk over the next five years. The IEEE Power and Energy Magazine was devoted entirely to DER. There was a Joint Utility Distributed System Platform Stakeholder Webinar on December 10, 2020. The EPRI Low-Carbon Resource Initiative (LCRI) is a joint effort between EPRI and the Gas Technology Initiative. The initiative focuses on a variety of low-carbon electric generation technologies and low-carbon chemical energy carriers, such as clean hydrogen, bioenergy, and renewable natural

gas, that can enable affordable pathways to economy-wide decarbonization.

9. Environmental Status Report/Issues – C. Wentlent - C. Wentlent reported the NYSRC/DEC met on January 14, 2021. Minutes will be presented at the February NYSRC EC meeting. At the State of the State address there were announcements on a major transmission highway initiative, 24 renewable projects, a global wind manufacturing facility, and work force training initiatives. The Climate Action Council (CAC) will be developing the initial scope by the end of 2021.

10. Resource Adequacy Working Group – C. Wentlent – C. Wentlent reported that the NYISO provided expected unserved energy (EUE) and loss of load hour (LOLH) metrics for base case years 2021 and 2022. The working group will review the information to determine next steps.

R. Gonzales stated that the NYISO does have representation on the CAC. R. Clayton advocated for engagement in the appropriate working groups. M. Mager offered a suggestion that the NYSRC engage at the working group level early before finalization of plans. He noted there may be opportunities to reach out to the appropriate CLCPA subgroups to make a presentation regarding the NYSRC, its role and the importance of considering reliability in all phases of the development of the plans. P. Gioia supported preparing a presentation on the issues. C. Wentlent suggested the generation working group or the CAC would be the best options. M. Mager suggested a letter to the CAC on behalf of the NYSRC.

11. NERC/NPCC Standards Tracking – A. Adamson – Attachment#11.1

11.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated the NYSRC voted affirmative on standard FAC-014-3.

12. State/NPCC/Federal Activities – M. Sasson/P. Fedora

12.1. NPCC Report – Attachment #12.1 - M. Sasson – M. Sasson stated the NPCC Board of Trustees will meet on January 27, 2021. P. Fedora noted that some agenda items include; the 2020 LTRA recommendations, 2021 NPCC committee scopes and work plans, 2020 Corporate Goals attainment, 2021 Corporate Goals, and NERC Board of Trustees policy input.

12.2. NERC Report – P. Fedora - P. Fedora reported the NERC MRC held a meeting on January 6, 2021. The NERC MRC and Board of Trustees meeting is scheduled on February 4, 2021. The NERC Board of Trustees asked for policy input on post-pandemic meeting plans and office space requirements. FERC requested that the Center for Disease Control consider moving Bulk Power Systems workforce to a higher priority to receive the vaccine. FERC will meet on January 19, 2021.

12.3. Progress report on the NY PSC Transmission Case – L. Grisar – L. Grisar of the New York State Department of Public Service presented an update on Accelerated Renewable Growth and Community Benefit Act. L. Grisar stated the New York Power Grid Study should be made public for comment in January. It was also noted that comments on the plans submitted by the TO's on prioritizing projects and system upgrades needed to meet the CLCPA initiative are due on January 19, 2021. It was noted that the Commission is supposed to refer CLCPA Bulk Planning needs to the NYISO processes. L. Grisar stated that for requirements for projects to be considered for the NYPA expedited process are explained in the order.

12.4. Implementation of the Presidential Order on Securing the US Bulk Power System – NYISO

NYSRC Exec. Comm. Meeting No.261

Initial Draft: January 29, 2021

Revised: February 7, 2021

Final: February 12, 2021

& TO input – No report.

12.4.1. DOE Prohibition Order – Attachment #12.4.1 – For informational purposes.

13. NAEBS Activities – B. Ellsworth – No Report.

14. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #261 was adjourned at 12:56 p.m.

15. Future Meeting Schedule

Meeting	Date	Location	Time
#262	February 12, 2021	WebEx	9:30 AM