

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 291
July 14, 2023

Members and Alternates in Attendance:

Chris Wentlent	Municipal & Electric Cooperative Sector – Member - Chair
Mark Domino, P.E.	National Grid, USA – Member – EC Vice Chair
Richard Bolbrock, P.E.	Unaffiliated Member
Roger Clayton, P.E.	Unaffiliated Member – RRS Chair, RCMS Chair
Bruce Ellsworth, P.E.	Unaffiliated Member
Steve Whitley	Unaffiliated Member
Mike Ridolfino	Central Hudson Gas & Electric – Member
Damian Interrante	Central Hudson Gas & Electric – Alternate Member
Mayer Sasson	Consolidated Edison Co. of NY, Inc- Member
Deirdre Altobell	Consolidated Edison Co. of NY, Inc – Alternate Member
Christopher Fry	NYPA – Member
Tim Lynch	NYSEG and RG&E – Member
Curt Dahl, P.E.	PSEGLI - Member
Mike Mager	Couch White - (Large Customer Sector) – Member
Richard Bratton	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
Cori Tackman	NYSRC Treasurer
Herb Schrayshuen	NYSRC Secretary
Brian Shanahan	National Grid, USA – ICS Chair
Phil Fedora	Northeast Power Coordinating Council Inc.
Gary Jordan	ICS Consultant
Wes Yeomans	NYSRC Consultant
Matt Koenig	Consolidated Edison
Diane Burman	NY Public Service Commission
Leka Gjonaj	NYS Department of Public Service
Vijay Puran	NYS Department of Public Service
Josh Boles	New York Independent System Operator
Rich Dewey	New York Independent System Operator
Rick Gonzales	New York Independent System Operator
Yvonne Huang	New York Independent System Operator
Aaron Markham	New York Independent System Operator
Rana Mukerji	New York Independent System Operator
Robb Pike	New York Independent System Operator
Jon Sawyer	New York Independent System Operator
Chris Sharp	New York Independent System Operator
Zach Smith	New York Independent System Operator
Andrea Calo	Customized Energy Solutions
James Kane	NYPA

Martin Paszek Consolidated Edison
Tim Lundin LS Power - Webex
John Norris RTO Insider
“*” Denotes part-time participation in the meeting.

The NYRC held a moment of silence in memory of Greg Drake.

1. Introduction – C. Wentlent, EC Chair, called the NYSRC Executive Committee Meeting No. 291 to order at 9:30 a.m. on July 14, 2023. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established. C. Wentlent stated that in the past few weeks the region has seen extreme heat, flooding, and the effects of forest fires. The NYSRC will continue to work to ensure resource adequacy, analyzing extreme weather and stay involved in policy development to ensure that reliability and public safety are promoted as the main priority for the NYSRC.

C. Wentlent stated that G. Jordan and W. Yeomans will participate as advisors in a GE Reliability study sponsored by NYSERDA. C. Wentlent also stated that H. Kosel will be the ICS Chair in 2024 and B. Shanahan will be the Vice Chair. C. Wentlent thanked B. Shanahan for his leadership, service and dedication to ICS and thanked H. Kosel for taking on the role of ICS Chair in 2024.

11. Identification of Visitors – Visitors in attendance were identified via the participant list.

12. Requests for Additional Open Session Agenda Items – None were requested.

13. Report on the June 9, 2023 Closed Session – C. Wentlent reported that at the last closed session the EC discussed 2024 budget plan, the 2024 Compensation Report, and physical security.

14. Requests for Closed Session Agenda Items – None were requested.

15. Declarations of Potential “Conflicts of Interest” – There were no new declared conflicts of interest.

16. NYISO Power Trends Report Presentation – R. Dewey, President & CEO

NYISO – R. Dewey presented the NYISO Power Trends Report and discussed the 2nd Quarter Short-Term Assessment of Reliability (STAR) report. R. Dewey stated that NYISO Power Trends Report is the flagship communication document which discussed the power system reliability and challenges of meeting the NY State climate action goals. The primary audience for the Power Trends Report are policy makers, press and media. R. Dewey stated that power system is changing at a dramatic rate, the studies that have been performed in the past on an annual or bi-annual basis will have to be performed more frequently. The nature of the electric generation is changing significantly due to the aggressive, policy directed, deactivations of fossil fuel based generation which are starting to bring the reliability margins lower. The load continues to increase while the retirement of the fossil generation fleet is occurring faster than the construction of new renewable generation. The NYISO is predicting that the system will be a winter peaking system by 2032-2033, but before the system is winter peaking it will become a winter stressed system, with some of the upstate zones becoming winter peaking earlier.

R. Dewey stated that, as predicted, the 2nd Quarter STAR which includes the summer of 2025 and has identified a transmission security margin violation in Zone J which is due to the DEC Peaker Rule induced retirements of generation, the changes in load forecast, and the Champlain - Hudson line in-service date being pushed back. The NYISO does have the ability to retain the peaking generation slated for retirement if a reliability solution is not identified. The NYISO will issue a public solicitation for solutions in the near future.

2. Meeting Minutes/Action Items List – H. Schrayshuen

21. Approval of Minutes for Meeting #290 (June 9, 2023) – Attachment #2.1 – H.

Schrayshuen presented attachment #2.1 which included all comments received as of Wednesday July 12, 2023. M. Domino made a motion to approve the minutes of Meeting #290 as presented. The motion was seconded by R. Bolbrock and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #290 posted on the NYSRC website.

22. Open Action Items Report – Attachment #2.3 – H. Schrayshuen presented attachment #2.3 which provided the status of both the open standing and meeting generated action items.

3. Organizational Issues

31. Treasurer’s Report – C. Tackman – C. Tackman stated that Q# Call for Funds is complete.

3.1.1. Summary of Receipts & Disbursements - Cash Receipts and Disbursements – Attachment #3.1.1 – C. Tackman presented attachment #3.1.1 - Statement of Cash Receipts and Disbursements for June 2023, noting the end-of-month cash balance is \$173,576.65 which includes \$60,000.00 of pre-payments.

3.1.2. NYSRC 2024 Proposed Budget Discussion – Assessment #3.1.2 – EC Approval Item – C. Tackman reviewed the proposed 2024 budget stating that recommended budget for 2024 is \$913,288.00. This is a 16% increase from the 2023 budget and includes funds for the Extreme Weather and IBR working groups. M. Sasson stated that he agrees with the budget on the condition that the EC would still need to approve actual expenditures. There were no objections raised to this proposal.

3.1.2.1 2024 Funding Mechanism – Attachment #3.1.2.1 - EC Approval Item – C. Tackman stated that the 2024 Funding Mechanism should be approved before the 2024 Budget. Attachment #3.1.2.1. the funding mechanism has been updated to reflect the 2024 proposed budget amount and dates. M. Domino made a motion to approve the 2024 Funding Mechanism as presented. The motion was seconded by R. Clayton and unanimously approved by the EC Members in attendance. (13-0)

3.1.2.2 2024 Proposed Budget – EC Approval Item – S. Whitley made a motion to approve the 2024 Budget. The motion was seconded by M. Domino and unanimously approved by the EC Members in attendance. (13-0)

32. Other Organizational Issues

3.2.1. 2024 NYSRC Meetings Schedule – H. Schrayshuen – Attachment#3.2.3 – EC Approval Item – H. Schrayshuen presented attachment #3.2.2. R. Bolbrock made a motion to approve the 2024 NYSRC Meeting Schedule. The motion was seconded by M. Domino and unanimously approved by the EC Members in attendance. (13-0)

3.2.2. Status report on the implementation of the new NYSRC website – July 17, 2023 – H. Schrayshuen stated that the website will go live with the new vendor on July 17, 2023. He noted that except for documents which are required by NYSRC Records Policy to be permanently available, a general historical cutoff of 2016 was used for posting documents. If earlier documents are needed, they can be requested. The website address will remain the same. He requested that website users bring any concerns regarding the new website to his attention.

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

4.1. ICS Chair Report – B. Shanahan - Attachment #4.1 – B. Shanahan reviewed attachment #4.1 – Summary of ICS meeting number #278 held on June 28, 2023. B. Shanahan stated that the ICS reviewed the Final IRM Preliminary Base Case

Assumptions matrix. B. Shanahan stated that the ICS has completed all the topology updates for the 2024-2025 IRM study and will include an update in the parametric study for the Preliminary Base Case and that the update will be included in the final IRM PBC Assumptions Matrix.

4.1.1. Assumptions Matrix – Attachment #4.1.1 – EC Approval Item – B. Shanahan reviewed attachment #4.1.1. C. Dahl suggested that ICS should review wind farms under construction in neighboring control areas due to the entire region being impacted by wind lulls in the same location for consideration in this year’s IRM study. (AI-291-1) R. Bolbrock made a motion to approve the IRM Preliminary Base Case Assumptions Matrix. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance. (13-0)

4.1.2. Proposed Final MARS Topology Presentation – Y. Huang, NYISO – Attachment #4.1.2 – Y. Huang presented attachment #4.1.2. which outlines the system topology to be used for the 2024-2025 IRM Study.

4.1.3. EOP White Paper – Y. Huang – Attachment#4.1.5 – Y. Huang presented attachment #4.1.5 which discussed NYISO’s plans for review of the emergency operating procedures process modelling and the assumptions regarding the available capacity in neighboring systems under emergency conditions, given that the neighboring systems are undergoing similar generation resource transformations to what is being experienced in New York.

42. Other ICS Issues – None to report.

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

51. RRS Status Report – Attachment 5.1 – R. Clayton presented attachment #5.1 which is a summary of RRS meeting #279 held on June 29, 2023. R Clayton stated that the next RRS meeting will be held on August 3, 2023.

52. Potential Reliability Rule (PRR) Changes

5.2.1. PRR List – Attachment #5.2.1- R. Clayton reviewed attachment #5.2.1.

5.2.2. PRR 151 – Attachment #5.2.2 – R. Clayton stated that RRS is continuing to review PRR 151 to take into account the input of commenters.

5.2.3. PRR 152 – System Conditions for Transmission Planning Performance Requirements Covering Wind and/or Solar Generation Resources – Attachment #5.2.3 – R. Clayton stated that RRS will be developing this PRR to establish a new requirement to address the changing nature of the New York generating fleet..

53. Extreme Weather (EW) WG Report – C. Dahl – C. Dahl stated that EW WG met on June 30, 2023. The working group finalized the Off Shore Wind Data Review – NYSRC Preliminary Findings Report.

5.3.1. Off Shore Wind Data Review – NYSRC Preliminary Findings Report – Attachment #5.3.1 – EC Approval Item – C. Dahl presented attachment #5.3.1 and stated that the whitepaper summarizes the findings that have been discussed at the EW WG based on the wind resource output projection data provided by the NYISO. The whitepaper has been reviewed by the NYISO and the EW WG. The paper notes that based on the analysis, there have been numerous long periods of significantly reduced wind output shown in the 20 year historical data set. S. Whitley made a motion to accept the final draft of the Off Shore Wind Data Review – NYSRC Preliminary Findings Report. The motion was seconded by M Domino and unanimously approved by the EC Members in attendance.

(13-0)

54. **NERC/NPCC Standards Tracking – W. Yeomans**
 - 54.1. **NERC Standard Tracking Report – Attachment #5.3.1 – W. Yeomans** presented attachment #5.4.1 stating that he has sent out an email requesting EC Member input on upcoming NERC standards votes.
55. **Other RRS Issues – None**

6. **Reliability Compliance Monitoring Subcommittee (RCMS) Status Report/Issues –R. Clayton, RCMS Chair**
 61. **RCMS Status Report – R. Clayton** presented attachment #6.1 summarizing the RCMS meeting #275 held on June 23, 2023. R. Clayton stated that the RCMS found the NYISO in full compliance for Resource Adequacy Assessment for Capacity Year 2023-24 [A.3:R1] Fault Current Assessment [C.5: R1, R3], Equipment Owner fault current assessment actions [C.5:R2], Real Time Operations of the NYS BPS for May [C8:R1]. The RCMS will meet next on August 31, 2023.
 62. **2023 Reliability Compliance Program – Attachment #6.2**
 63. **Other RCMS Issues – No report .**

7. **NYISO Status Reports/Issues –**
 71. **NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Z. Smith** presented attachment #7.1. Z. Smith stated that the NYISO is continuing to work on the 2023-2024 System Resource Outlook. Z. Smith stated that Segment B of AC Transmission has experienced a delay at the Dover Substation which could affect the in-service date. Z. Smith stated that the NYISO Board of Directors did accept T051, Propel NY’s Alternate Solution 5 project as the more efficient or cost-effective solution to meet the Long Island Public Policy Transmission Need. The PSC declared a new Transmission Public Policy facility need to inject offshore additional future wind output to New York City. Z. Smith stated that the Atlantic offshore wind study is ongoing and EIPC is in discussion with FERC and NERC regarding the congressionally mandated evaluation of interregional transfer capability report.
 72. **NYISO Markets Report – R. Mukerji – Attachment #7.2 – R. Mukerji** presented attachment #7.2 stating that the NYISO has started its review of the ICAP Demand Curve. This review is conducted every 4-5 years and is a year in a half duration project. R. Mukerji stated the NYISO is finalizing contract terms with selected vendor for the study. R. Mukerji stated that a report on the NYISOs market projects prioritization will be presented at the August EC meeting.
 73. **NYISO Operating Reports – A. Markham**
 - 73.1. **NYISO Operations Report, June 2023 (short form) – Attachment #7.3.1 – A. Markham** presented attachment #7.3.2. A. Markham stated that the peak load was 22,867 MW which occurred on June 2, 2023. There were 22.9 hours of thunderstorm alert and 0 hours of NERC TLR level 3 curtailments in June.
 - 73.2. **NYISO Operations Report, June 2023 (long form) – Attachment #7.3.2 – Report was not available for the meeting.**

8. **Decarbonization & DER – M. Koenig-**
 81. **Decarbonization & DER Report – M. Koenig - Attachment #8.1 – M. Koenig** reported on attachment #8.1 which includes links to the referenced documents. The report references information on a NERC published Introductory Guide to Inverter -Based Resources on the Bulk Power System, a NERC webinar series on Electro-Magnetic Transient issues and analysis, and an

article in Power and Energy Magazine titled System Disturbance and Blackout Analysis, webcasts from EPRI Program #221 Webcast #1: Bulk Energy Storage. M. Koenig’s report includes a listing of the latest NYISO Blogs, Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLRs (Co-located Storage Resources) status.

9. Environmental Status Report/Issues – C. Wentlent –

91. NY Cap and Invest Program - C. Wentlent stated that the NYS DEC and NYSERDA held seven different pre-regulation webinars on the NY Cap and Invest Program. The Georgetown Climate Center held two informational centers in California and Washington State to discuss lessons learned while they developed their CO2 programs. The NYDEC has requested informal comments before they draft the proposed regulation. P. Gioia has been developing draft comments to be submitted to the NY DEC which will be circulated to the EC for comment. C. Wentlent also stated that there is a zero emissions resource proceeding at the Public Service Commission and that P. Gioia has been working on draft comments.. The next NYSRC/DEC meeting will be held on July 20, 2023.

92. Northeast Collaborative Letters – Attachment #9.2 - Posted for information only.

10. State/NPCC/Federal Energy Commission Activities –

101. NPCC Report –M. Sasson - M. Sasson stated that the NPCC Board of Directors held its first informational session on industry IBR the day before the June 20, 2023 Board of Directors meeting. These informational sessions are scheduled to occur twice a year. The NPCC Board of Directors approved the NPCC 2024 Business Plan and Budget.

102. NERC Report - P. Fedora – P. Fedora stated that FERC held a commissioner led forum to discuss some of the reliability and gas system related challenges in New England. NERC released the 2023 State of Reliability Report and a Probabilistic Assessment of Resource Adequacy. The NERC Member Representative Committee and the NERC Board of Trustees will meet on August 16 and August 17, in Ottawa Canada.

10.2.1. Winter Storm Elliott – FERC Staff Preliminary Report – Attachment #10.2.1 – Provided for information.

11. NAESB Activities – B. Ellsworth – B. Ellsworth noted the NASEB held a Gas/Electric Forum met. There were twenty recommendations which the members will vote on. B. Ellsworth stated that he would review the recommendations and report back to C. Wentlent whether in his opinion the NYSRC should vote on the recommendations.

12. Visitor Comments – None to report.

13. Adjournment of the EC Open Meeting – B. Ellsworth made a motion to adjourn the open Executive Committee Meeting #291. The motion was seconded by M. Younger. The meeting was adjourned at 2:13 p.m.

14. Future Meeting Schedule

Meeting	Date	Location	Time
#292	August 11, 2023	Webex	9:30 AM