

**Minutes**  
**New York State Reliability Council, LLC (NYSRC)**  
**Executive Committee (EC)**  
**Meeting No. 279**  
**July 8, 2022**  
**Wolferts Roost Country Club**  
**120 Van Rensselaer Boulevard, Albany, NY 12204**

**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 – RRS Chair, RCMS Chair
Bruce Ellsworth, P.E.	Unaffiliated Member
Steve Whitley	Unaffiliated Member -Webex
Mike Ridolfino	Central Hudson Gas & Electric – Member
Damian Interrante	Central Hudson Gas & Electric – Alternate Member - Webex*
Deirdre Altobell	Consolidated Edison Co. of NY, Inc – Alternate Member
Mark Domino, P.E.	National Grid, USA – Member
Bruce Fardanesh	NYP&A – Member - Webex
Mohammed Hossain P.E.	NYP&A – Alternate Member - Webex
Tim Lynch	NYSEG and RG&E – Member – Webex
Patti Caletka	NYSRG and RG&E – Alternate Member - Webex
Curt Dahl P.E.	PSE&GLI- Member - Webex
Mike Mager	Couch White-(Large Customer Sector) – Member
Mark Younger	Hudson Energy Economics (Wholesale Sellers Sector) – Alternate Member

**Other Attendees:**

Paul Gioia Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Phil Fedora	Northeast Power Coordinating Council Inc.
Brian Shanahan	National Grid, USA – ICS Chair
Gary Jordon	ICS Consultant
Matt Koenig	Consolidated Edison - Webex
Diane Burman	NYS Department of Public Service
Josh Boles	New York Independent System Operator – Webex
Tim Duffy	New York Independent System Operator – Webex
Yvonne Huang	New York Independent System Operator – Webex
Aaron Markham	New York Independent System Operator - Webex
Rana Mukerji	New York Independent System Operator - Webex
Robb Pike	New York Independent System Operator - Webex
Chris Sharp	New York Independent System Operator - Webex
Max Schuler	New York Independent System Operator – Webex
Zach Smith	New York Independent System Operator - Webex
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Andrea Calo	Customized Energy Solutions - Webex
Keith Galarneau	Ravenswood Generating - Webex
Erin Hogan	DOS – Utility Intervention Unit
Scott Leuthauser	Hydro Quebec – Webex

Tim Lundin                      LS Power  
Ed Schrom                      Consultant - Webex  
Cori Tackman                  Power Advisors, LLC  
“\*” Denotes part-time participation in the meeting

- 1. Introduction** – M. Sasson, EC Chair, called the NYSRC Executive Committee Meeting No. 279 to order at 9:30 a.m. on July 8, 2022. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established.
  - 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 June 10, 2022, Closed Session Agenda items** – M. Sasson reported that the NYSRC Compensation Committee made recommendations regarding proposed 2023 compensation levels in order to prepare for the 2023 NYSRC budget.
  - 14. Requests for Executive Session Agenda Items** – None were requested.
  - 15. Declarations of Potential “Conflicts of Interest”** – There were no new declared conflicts of interest.
  
- 2. Meeting Minutes/Action Items List – H. Schrayshuen**
  - 21. Approval of Minutes for Meeting #278 (June 2022) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the June 10, 2022, meeting which included all comments received as of July 6, 2022. R. Bolbrock made a motion to approve the minutes of Meeting #278 as presented. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #278 posted on the NYSRC website.
  - 22. Review of Outstanding Meeting Related Action Items List – Attachment #2.2** – H. Schrayshuen reviewed and updated the action item list with the meeting attendees’ input.
  - 23. Review of Standing NYSRC Action Items – Attachment #2.3 - H.** Schrayshuen presented attachment #2.3 providing a schedule of standing action items for 2022. The list was updated with the meeting attendees’ input.
  
- 3. Organizational Issues**
  - 31. Treasurer’s Report - A. Adamson**
    - 3.1.1. Summary of Receipts & Disbursements - Cash Receipts and Disbursements – A. Adamson - Attachment #3.1.1** – H. Schrayshuen presented on behalf of A. Adamson. H. Schrayshuen presented attachment #3.1.1 - Statement of Cash Receipts and Disbursements for June 2022, noting the end-of-month balance is \$133,406.80.
    - 3.1.2. Third Quarter Call-for-Funds** – None to report.
  - 32. Other Organizational Issues -**
    - 3.2.1. Report on NYSRC Goals Status – R. Clayton – Attachment #3.2.1** – R. Clayton reported on the status of each of the NYSRC Goals as listed in attachment #3.2.1.
    - 3.2.2. Draft NYSRC Guidelines for Communications with Policymakers** – P. Gioia clarified that the approved document should be posted on the NYSRC website. P. Gioia will review to see if the document can be integrated with an existing policy. (AI-279-1).
    - 3.2.3. Proposed 2023 NYSRC Meeting Schedule – H. Schrayshuen – Attachment #3.2.3 – EC Approval Item** – H. Schrayshuen presented attachment #3.2.3. It was noted that H. Schrayshuen will revise the proposed schedule as per the discussion for the August

2022 NYSRC EC meeting. (AI-279-2)

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

**41. ICS Chair Report – B. Shanahan - Attachment #4.1** – B. Shanahan reviewed attachment #4.1 – Summary of ICS meeting #262 on June 29, 2022.

**4.1.1. Preliminary Base Case Assumptions Matrix and Planned Topology –**

**Attachment #4.1.1 – EC Approval Item** – B. Shanahan presented attachment #4.1.1. There was a brief discussion on the handling of the Y-49 cable related assumptions. The EC asked ICS to review the future handling of the Y-49 cable assumptions. C. Wentlent made a motion to approve the Preliminary Base Case Assumptions Matrix and Planned Topology, subject to ICS discussion regarding the Y-49 cable. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0)

**4.1.2. Preliminary IRM 2023 Studies – Sensitivity Cases – Attachment #4.1.2** - B. Shanahan presented attachment #4.1.2 stating that ICS will ask the EC for approval at the August NYSRC EC meeting. Sensitivity #8 will have a full Tan-45 analysis.

**4.1.3. Load Forecast Uncertainty Phase 3 Study Scope – Attachment #4.1.3 – EC Approval Item** – M. Sasson stated that the intent of this study is not to predict the future. The intent is to look at the trends and how they will change with the transitioning grid. M. Younger stated that the ICS should start to look at assumptions for the winter season with the same rigor as it currently does in the summer season. The EC agreed with this statement. E. Hogan brought to the EC’s attention recently signed NY Senate Bill 9422, which regulates gas and electric utilities to allow utilities to be permitted to have district heating and cooling systems. NY PSC Commissioner Diane Burman agreed that looking at winter season reliability risks is important. She also stated it is important to continue to remind the public that the summer reliability risks are not diminished if the peak demand season changes to winter. R. Bolbrock made a motion to approve the Load Forecast Uncertainty Phase 3 Study Scope. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0)

**4.1.4. Draft High Renewables Phase 3 Results - Attachment #4.1.4** – B. Shanahan reviewed attachment #4.1.4 presenting the results of the study. The NYSRC accepted the High Renewable Phase 3 study. There was a discussion about if and when a Phase 4 of the study would be necessary. It was decided that due to other more pressing concerns, that if ICS should decide that Phase 4 is needed, it would be done in the future. It was stated that the High Renewable Studies results have agreed with other studies in other areas showing an increase in the IRM with more renewables on the system. M. Ridolfino urged people not to over focus on the IRM number. The NYSRC EC concluded that it is critical not to downgrade reliability as the quantity of renewable resources increase.

**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 summarizing RRS meeting #269 held on June 30, 2022.

**52. List of Potential Reliability Rule (“PRR”) Changes – Attachment #5.2** – For information only

### **53. NYSRC Goals & Actions (Approval Items)**

#### **5.3.1. Goal A-2b Intermittent Resources Transition Final Draft White Paper – Attachment #5.3.1 –**

R. Clayton presented attachment #5.3.1. There was a discussion on the implementation of IEEE 2800-2022 H. Schrayshuen reiterated that NERC has approved a standard giving local authorities the authorization to implement interconnection requirements. Z. Smith stated the NYISO is taking steps to consult with Inverter-based Resources experts. P. Fedora stated the interconnection agreements can specify IEEE 2800-2022 manufacturer requirements. P. Fedora also stated that IEEE is working on IEEE P2800.2. B. Fardanesh stated that NYPA is working on a project and is having a challenge finding validated inverter-based resource models. B. Fardanesh suggested making the interconnecting entity having validated models as a requirement in the interconnection agreement. Z. Smith has stated the NYISO does agree with NYPA’s modeling concern. Z. Smith stated that the FERC NOPR does address some modeling concerns. It was confirmed that the NYSRC will use the normal rule making process and R. Clayton proposed to host a Technical Workshop on adopting IEEE 2800-2022 in New York. The NYSRC EC supported hosting a Technical Workshop. R. Bolbrock made a motion to approve Intermittent Resources Transition Final Draft White Paper. The motion was seconded by B. Ellsworth and unanimously by the EC in attendance. (13-0) There was a discussion of the NYSRC needing to retain a subject matter expert to assist the NYSRC regarding its planned rulemaking efforts related to applying the recently issued IEEE 2800-2022 performance standard as a mandatory interconnection requirement in New York State.

#### **5.3.2. Goal B -1b Extreme System Conditions Final Draft White Paper – Attachment #5.3.2 –**

R. Clayton presented attachment #5.3.2. It was suggested to add the words “such as “ when listing examples and to add wording about the FERC NOPR. M. Domino made a motion to approve the Extreme System Conditions white paper with the two mentioned changes. The motion was seconded by M. Ridolfino and unanimously by the EC in attendance. (13-0) It was suggested for the NYSRC to respond to the FERC Interconnection NOPR regarding the topics in the approved whitepapers. Comments for the FERC NOPR are due on August 14, 2022.

**54. Other RRS Issues –** None were identified.

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

**61. RCMS Status Report –** R. Clayton reported on attachment #6.1, a summary of the RCMS Meeting #266 held on June 30, 2022. He reported that the RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS for the month of May. [C8:R1]. R. Clayton stated RCMS also found the NYISO in full compliance for Resource Adequacy Assessment [A.3:R1], Fault Current Assessment [C.5:R1,R3], and Equipment Owners Fault Current. [C.5:R2]

**62. 2022 Reliability Compliance Program – Attachment #6.2 –** Attached for informational purposes.

**63. Other RCMS Issues –** None to report.

### **7. NYISO Status Reports/Issues**

**71. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 –** Z. Smith presented attachment #7.1 stating that NYISO is continuing work on the RNA and is on track to have a finalized report in November. Z. Smith stated the NYISO is finalizing the 2021-2040 System & Resource Outlook, (Outlook). The Outlook will be reviewed with stakeholders

through July 2022 with a publishing goal of Q3. The NYISO has identified sixteen viable and sufficient transmission projects to meet the Long Island Public Policy Transmission need. The NYISO will continue to evaluate the projects. Z. Smith also stated the major components of the Western NY Public Policy Transmission need project went into service. The NYISO will commence the Public Policy Transmission Planning Process in August 2022 with a request for proposed transmission needs being driven by Public Policy Requirements.

**72. NYISO Markets Report – R. Mukerji – Attachment #7.2** – R. Mukerji presented attachment #7.2. stating that FERC accepted the NYISO’s compliance with FERC Order No. 2222 subject to further revisions as directed by the FERC.

**73. NYISO Monthly Operations Report – A. Markham**

**7.3.1. NYISO Operations Report, June 2022 (short form) – Attachment #7.3.1** - For information purposes only.

**7.3.2. NYISO Operations Report, June 2022 (long form) – Attachment #7.3.2** – A. Markham presented attachment #7.3.2. A. Markham stated that the June peak load of 24,563 MW occurred on June 30, 2022. There was one thunderstorm alert and 0 hours of NERC TLR level 3 curtailments in May.

**8. Decarbonization & DER – M. Koenig**

**8.1. Decarbonization & DER Report – M. Koenig - Attachment #8.1** – M. Koenig reported on attachment #8.1 which includes links to the referenced documents. M. Koenig highlighted the NERC June Newsletter, a New York Times article on Agrivoltaics, and Energy Systems Integration Group report titles Multi-Value Transmission Planning for a Clean Energy Future, EPRI reports: Analyzing the Impact of Aggregated DER Behavior on Bulk Power System Performance and A Starting Point for Climate Risk Assessment & Mitigation: Future resilience and Adaption Planning, the latest NYISO Blogs and Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLRs (Co-located Storage Resources).

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

**9.1. Meeting Notes for NYSRC/EC Meeting on May 12, 2022 – Attachment #9.1** - C. Wentlent stated that the next NYSRC/DEC call will be on July 14, 2022.

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

**10.1. NERC Standard Tracking – A. Adamson – Attachment #11.1** – H. Schrayshuen referred to the report on A. Adamson’s behalf.

**11. State/NPCC/Federal Activities – M. Sasson/P. Fedora –**

**11.1. NPCC Report** – M. Sasson stated the NPCC Board of Directors, BOD, had their first face to face meeting on June 29, 2022 in Boston, MA. M. Sasson stated the NPCC BOD approved the 2023 NPCC Business Plan and Budget. M. Sasson stated that P. Fedora and himself did a presentation on the transitioning grid. The NPCC BOD is preparing for their Strategy Session scheduled for September 7, 2022. M. Sasson asked P. Fedora to continue to report on the NPCC activities. P. Fedora stated that the next NPCC Distributed Energy Resources/Variable Energy Resources Forum will be held on August 11, 2022.

**11.2. NPCC/NERC Report – P. Fedora** – P. Fedora stated that on July 7, 2022 the NERC Board of Trustees approved the 2022 State of Reliability Report. P. Fedora stated that quarterly NERC Member Representatives Committee and NERC Board of Trustees’ meetings will be held on August 17-18, in Vancouver, B.C.

**11.2.1. NERC Energy Reliability Assessment Task Force (ERATF) – P. Fedora** – P. Fedora confirmed that the NERC Reliability, Security and Technical Committee, RTSC, met on June 8, 2022 and endorsed the two Standard Authorization Requests (SARs), developed by the NERC Energy Reliability Assessment Task Force. The SARs will move on to the NERC Standards Committee which will meet to appoint a Standards Drafting Team to address the SARs.

**113. Federal Legislation (Infrastructure Bill) impacts on the electric power system activities** - There are no new developments to report.

**114. State of New York Legislation** – There are no new developments to report.

**115. NYSRC Comments on CAC Draft Scoping Plan – R. Clayton – Attachment#11.5** – R. Clayton stated that the NYSRC has submitted comments on the CAC’s Draft Scoping Plan on June 22, 2022.

**12. NAESB Activities – B. Ellsworth** – No activity to report.

**13. Visitor Comments** – There were no visitor comments.

**14. Adjournment of the EC Open Meeting**

The open Executive Committee Meeting #279 was adjourned at 1:47 p.m.

**15. Future Meeting Schedule**

<b>Meeting</b>	<b>Date</b>	<b>Location</b>	<b>Time</b>
#280	August 12, 2022	Webex	9:30 AM