

NYSRC 2024 Goals - 10/6/2023 DRAFT

| Item | Risk | Exposure | Scope | Actions | Leadership | Schedule |
|----------------------------------|------|----------|---|--|------------|----------|
| A. Resource Adequacy | | | | | | |
| A1 - Modeling | High | >=2027 | A1.1: 2024 RA Plan item: Uncertainty with Large Entry/Exit: determine the threshold for large uncertainties based on impacts and recommend process and methodology for managing these large uncertainties | Present scope of required changes to EC | ICS | |
| | High | >=2027 | A1.2 - Review emergency assistance from neighboring systems during winter conditions | Present scope of required changes to EC | ICS | |
| | High | >=2027 | A1.3 - Separation of BTM Solar: determine methodology and input assumptions to model BTM solar as resource. | Develop methodology and input assumptions. Provide regular progress updates. | ICS | |
| | High | >=2027 | A1.4 - Enhance probabilistic planning Tan45 Review: assess feasibility of current Tan45 process on future system and identify improvement options | Assess Tan45 process improvements to address future system issues. Provide regular progress updates. | ICS | |
| A2 - Criteria | High | >=2027 | A2.1 - Enhance probabilistic planning Modeling of DERs: Develop modeling approach for DERs | Present scope of required changes to EC. | ICS | |
| | High | >=2027 | A2.2 - Develop sensitivity case to monitor the impact of regional correlated outages from renewable resources. | Potential Sensitivity case for 2024 PBC/FBC as NPCC database evolves. | ICS | |
| B. Transmission Planning | | | | | | |
| B1 - IBR Interconnection Studies | High | >=2023 | B1.1 - Complete development of PRR 151 (IEEE 2800: IBR Plant as-designed compliance attestation for future NYISO IBR Interconnection studies) | Approval of PRR 151 | RRS | Q1/2024 |
| | High | >=2027 | B1.2 - Development of new PRR (IEEE 2800: IBR Plant as-built compliance attestation for future NYISO IBR Interconnection studies) | Approval of PRR | RRS | Q4/2025 |
| | High | >=2027 | B1.3 - Monitor FERC, NERC & NPCC modeling & performance requirements for existing IBR Plants | Report to EC with recommendation for PRR | RRS | Ongoing |
| | High | Ongoing | B1.4 - Continue IBR Working Group meetings as required | Report to EC | RRS | Ongoing |

| C. Climate Change | | | | | | |
|--|------|---------|---|---------------------|-------|---------|
| C1 - Wind & Solar lulls, Extreme Events | High | >=2023 | C1.1 - Complete development of PRR 152 (System Conditions for Transmission Planning Performance Requirements Covering Wind and/or Solar Generating Resources) | Approval of PRR 152 | EW WG | Q1/2024 |
| | High | >=2023 | C1.2 - Coordinate with ICS to provide input to criteria & modeling procedures covering statistically quantifiable wind & solar lulls | Report to RRS/EC | EW WG | Q4/2024 |
| | High | >=2027 | C1.3 - Work with NYISO staff in obtaining & analyzing long-term hourly data for correlated wind & solar generating resources & load for NYCA, NYCA zones & adjacent control areas | Report to RRS/EC | EW WG | Q4/2024 |
| | High | >=2027 | C1.4 - Investigate need for PRR to address reliability concerns with a NYCA winter peaking system under extreme weather events | Report to RRS/EC | EW WG | Q4/2024 |
| | High | >=2027 | C1.5 - Monitor FERC, NERC, NPCC & industry extreme weather activities | Report to RRS/EC | EW WG | Q4/2024 |
| | High | Ongoing | C1.6 - Continue EW Working Group meetings as required | Report to RRS/EC | EW WG | Ongoing |
| D. Outreach | | | | | | |
| D1 - Response to regulatory actions potentially affecting NYCA reliability | High | Ongoing | D1.1 - Continued enhancement of communication to state & federal policy makers on reliability issues & challenges | Report to EC | NYSRC | Ongoing |
| | High | Ongoing | D1.2 - Participation in meetings, response to proposed rulemaking, provision of information & presentations to policy makers | Report to EC | NYSRC | Ongoing |
| E. Best Practices | | | | | | |
| E1 - Review of best practices | High | Ongoing | E1.1 - Review international, national & regional best power system reliability practices for possible adoption by NYSRC | Report to EC | NYSRC | Ongoing |
| | High | Ongoing | E1.2 - Monitor FERC, NERC, NPCC & industry disturbance reports & recommendations for lessons learned | Report to EC | NYSRC | Ongoing |