

Attachment #3.2.1 Return to Agenda

NYSRC 2025 Goals - Progress Report (12/1/25)

Item	Risk	Exposure	Scope	Actions	Leadership	Schedule & Status
A. Resource Adequacy						
A1 - Modeling	Medium	≤2027	A1.1 - Enhance probabilistic planning Finalize modeling for mixed DER aggregations.	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q2/2025 - 100% ^{A1.1}
	Medium	≤2027	A1.2 - Develop winter modeling improvements including implementing fuel availability constraints, improving winter load modeling, and reintroducing winter maintenance.	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2025 - 100% ^{A1.2}
	High	≤2027	A1.3 - Enhance probabilistic planning Investigate Tan 45 methodology improvements or alternative IRM establishment methodologies to address identified issues with significant transmission and OSW downstate.	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2025 - 90% ^{A1.3}
	Medium	≤2027	A1.4 - Evaluate current battery charging logic in MARS and identify alternative options for output window limitations for ELRs.	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2025 - 100% ^{A1.4}
	Medium	≤2027	A1.5 - Develop sensitivity case to monitor the impact of regional correlated outages from renewable resources.	Prepare sensitivity case	ICS	Q4/2025 - 100% ^{A1.5}
B. Transmission Planning						
B1 - IBR Interconnection Studies	High	≤2027	B1.1 - Development of new PRR (IEEE 2800: IBR Plant as-built compliance attestation for future NYISO IBR Interconnection studies)	Report to EC with recommendations for PRR	RRS	Q4/2025 - 100% ^{B1.1}
	High	≤2025	B1.2 - Revision of Policy 1 with respect to Exceptions process & criteria	Report to EC with recommendations	RRS	Q4/2025 - 90% ^{B1.2}
	Medium	Ongoing	B1.3 - Monitor FERC, NERC & NPCC modeling & performance requirements for existing IBR Plants	Report to EC with recommendations for PRRs	RRS	Ongoing - 100%
	Medium	Ongoing	B1.4 - Continue IBR Working Group meetings as required	Report to EC	RRS	Ongoing - 100%
C. Climate Change						
C1 - Wind & Solar lulls, Extreme Events	High	≤2025	C1.1 - Complete development of PRR 153 (System Conditions for Transmission Planning Performance Requirements Covering Wind and/or Solar Generating Resources)	Approval of PRR 153	EW WG	Q4/2025 - 50% ^{C1.1}
	High	≤2025	C1.2 - Coordinate with ICS to provide input to criteria & modeling procedures covering statistically quantifiable wind & solar lulls	Report to RRS/EC	EW WG	Q4/2025 - 100% ^{C1.2}
	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. Objective is to provide input to Resource Adequacy & Transmission Planning studies.	Report to RRS/EC	EW WG	Ongoing - 100%
	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	Q4/2025 - 100% ^{C1.4}

	Medium	Ongoing	C1.5 - Monitor FERC, NERC, NPCC & industry extreme weather activities	Report to RRS/EC	EW WG	Ongoing - 100%
	Medium	Ongoing	C1.6 - Continue EW Working Group meetings as required	Report to RRS/EC	EW WG	Ongoing - 100%
D. Outreach						
D1 - Response to regulatory actions potentially affecting NYCA reliability	Medium	Ongoing	D1.1 - Continued enhancement of communication to state & federal policy makers on reliability issues & challenges	Report to EC	NYSRC	Ongoing - 100%
	Medium	Ongoing	D1.2 - Participation in meetings, response to proposed rulemaking, provision of information & presentations to policy makers	Report to EC	NYSRC	Ongoing - 100%
E. Best Practices						
E1 - Review of best practices	Medium	Ongoing	E1.1 - Review international, national & regional best power system reliability practices for possible adoption by NYSRC	Report to EC	NYSRC	Ongoing - 100%
	Medium	Ongoing	E1.2 - Monitor FERC, NERC, NPCC & industry disturbance reports & recommendations for lessons learned	Report to EC	NYSRC	Ongoing - 100%

A1.1 - EC approved DER Modeling Whitepaper on 4/11/25.

A1.2 - Fuel Availability:

EC approved BTM Solar and ELM Whitepaper on 5/9/25.

- ELM captures winter peak and annual energy.

EC approved Fuel Constraints Phase 2 Whitepaper on 11/14/25.

- ICS implemented winter fuel constraints in the '26-27 IRM study based on historical availability.

- NYISO presented generator 11/1 firm fuel elections to ICS on 11/24/25.

- NYISO is conducting a fuel availability study with a consultant.

- Winter maintenance was not previously a concern and so historical planned outages may not be representative. Gas availability regression based on historical observed winter peak load hour production may already implicitly count some winter maintenance on Zones F-K units. Maintenance modeling is a 2026 ICS goal.

A1.3 - NYISO presented Tan45 Methodology Review (Phase 2) Update at 11/5 ICS. Given federal permitting limitations on OSW, the timeline for the Tan 45 process to encounter issues has been pushed out a few years.

A1.5 - NYISO presented Offshore Wind in Neighboring Systems sensitivity at 11/24/25 ICS. Like Tan 45 methodology, OSW permitting issues make this less of an immediate concern.

B1.1 - EC approved Work plan 9/12/25. Completion of PRR 155 delayed to Q4/2026 pending NERC's PRC-029-1, MOD-026-2, MOD-032-2 & IEEE 2800.2 implementation.

B1.2 - Ongoing discussion, proposed changes expected to be presented to EC Q1/2026

C1.1 - PRR 153 draft prepared. Completion delayed to Q4/2026 dependant upon NYISO's analysis of sudden wind/solar lulls.

C1.2 - Ongoing. White paper in preparation Q1/2026

C1.4 - Monitoring of developments in industry-wide Extreme Cold Weather reliability standards found no need for a new PRR as of 2025 year-end. Note: PRR 153a (Sudden loss of gas fuel delivery system) and PRR 154a (Unavailability of generating units due to gas shortage) were approved by EC 5/10/24 in RR B.1.