

Attachment #3.2.3 Return to Agenda

NYSRC 2024 Goals - Revision Approved by the NYSRC Executive Committee on January 12, 2024 Final Draft Report 1-8-25

Item	Risk	Exposure	Scope	Actions	Leadership	Schedule
A. Resource Adequacy						
A1 - Modeling	Low	>=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	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2024- Ongoing ^{A1.1}
	Medium	>=2027	A1.2 - Review emergency assistance from neighboring systems during winter conditions	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2024- Ongoing ^{A1.2}
	Medium	>=2027	A1.3 - Separation of BTM Solar: determine methodology and input assumptions to model BTM solar as resource.	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2024 100% ^{A1.3}
	High	>=2027	A1.4 - Enhance probabilistic planning Tan45 Review: assess feasibility of current Tan45 process on future system and identify improvement options	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2024 100% ^{A1.4}
	Medium	>=2027	A1.5 - Enhance probabilistic planning Modeling of DERs: Develop modeling approach for DERs	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2024- Q2/2025 ^{A1.5}
	Medium	>=2027	A1.6 - Develop sensitivity case to monitor the impact of regional correlated outages from renewable resources.	Prepare scope & provide white paper evaluating the risk/issue	ICS	Q4/2024- Ongoing ^{A1.6}
A2 - Unanticipated 2024 Projects						
	High	2026	A2.1 - Incorporate winter gas availability constraint	Completed white paper & PBC sensitivity	ICS	Q4/2024 100%
	Medium	2025	A2.2 - Model ELR as SCR consistent with capacity accreditation	Incorporated in PBC	ICS	Q4/2024 100%
	High	2025	A2.3 - LCR/TSL gap assumptions review	Incorporated in PBC	ICS	Q4/2024 100%
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 ^{B1.1} 100%
	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 ^{B1.2} Ongoing
	Medium	Ongoing	B1.3 - Monitor FERC, NERC & NPCC modeling & performance requirements for existing IBR Plants	Report to EC with recommendations for PRR	RRS	Ongoing ^{B1.3} 100%
	Medium	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	>=2024	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	Q4/2024- Q4/2025 ^{C1.1}

	High	>=2024	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 ^{C1.2} Ongoing 100%
	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 ^{C1.3} Q4/2025
	High	>=2027	C1.4 - Investigate need for PRR to address reliability concerns with a NYCA winter peaking system under extreme weather	Report to RRS/EC	EW WG	Q4/2024 ^{C1.4} 100%
	Medium	Ongoing	C1.5 - Monitor FERC, NERC, NPCC & industry extreme weather activities	Report to RRS/EC	EW WG	Q4/2024 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	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%

* - Evaluate need for scope or white paper ongoing

A1.1 - ICS continues to monitor the progress of large new resources. The NYISO demand forecast team continues to monitor the arrival of large loads including data center, chip fabrication, and green hydrogen facilities.

A1.2 - Topic will be revisited in 2026. ICS's 2024 focus was on winter gas constraints. ICS also incorporated reduced Emergency Assistance from PJM and the IRM sensitivities include a NYCA isolated case.

A1.3 - Whitepaper approved by the EC Dec 2024

A1.4 - Whitepaper approved by the EC Dec 2024

A1.5 - NYISO put forward DER modeling principles to aggregate individual resources by their modeling type/duration on a zonal basis. The DER White Paper was deferred to April 2025 due to limited info on mixed resource type DER enrollments. On a related note, NYISO made improvements to ELR modeling. This goal continues as 2025 Goal A1.1.

A1.6 - ICS examined correlation impacts between South Fork Wind in NYCA and Vineyard Wind in ISO-NE and contacted NPCC to obtain additional data for neighboring regions. This goal continues as 2025 Goal A1.5.

B1.1 - PRR 151 approved by EC as RR B.5 2/9/24

B1.2 - RRS & IBR WG monitoring status of IEEE 2800-2 "Recommended Practice for Test and Verification Procedures for Inverter-based Resources (IBRs) Interconnecting with Bulk Power Systems" as a prerequisite for a new as-built IBR PRR.

B1.3 - RRS & IBR WG monitoring IBR related FERC NOPRs, NERC standards, NPCC forums & other RC activities.

C1.1 - Delayed pending NYISO's 2025 analysis of sudden renewable lulls.

C1.2 - Ongoing coordination with ICS regarding analysis of DNV data on long-term renewable lulls

C1.3 - Review need for PRR on planning assumptions for system conditions covering long-term renewable lulls

C1.4 - PRR 153a (Sudden loss of gas fuel delivery system) and PRR 154a (Unavailability of generating units due to gas shortage) approved by EC 5/10/24 in RR B.1.