

NYSRC 2023 GOALS – 11-4-22 FINAL DRAFT

Goals	Actions	Who	Scope	Target
A. Identify actions to preserve adequate NYCA reliability for high levels of renewable resource capacity as mandated by the CLCPA.	1. Implementation of 7/8/22 EC approved White Paper “Transition to Intermittent Resources & Energy Storage Systems per CLCPA Renewable Resource Capacity Mandates”	RRS	A1: P1. Adoption of IEEE 2800 for IBR Interconnections A1: P2. Incorporation of IBR modeling in all NYISO performance studies A1: P3. Incorporation of DER modeling in all NYISO performance studies	Q2/2023 Q4/2023 Q2/2024
	2. Investigate Transition from calendar to capability year in IRM determination process.	ICS	A2. Present scope of changes required to the EC	2/2023
B. Identify actions to preserve NYCA reliability for extreme weather events and other extreme system conditions.	1. Implementation of 7/8/22 EC approved White paper “Development of NYSRC Rules for Mitigating Extreme System Conditions”	RRS	B1: P1-P4. Resource Adequacy: WG to prepare detailed procedures for implementing work plan*	12/2023
			B1: P1-P2. Transmission Security: RRS to prepare work plan and form a WG, which will prepare detailed procedures for implementing work plan*.	12/2023
			B1: P1-P3. Loss of Gas Supply: A WG to be formed which will recommend whether a loss of gas supply criterion is needed.	12/2023
*The above 2023 deliverables are consistent with the Table 4, White Paper Implementation Plan				
C. Enhance probabilistic models for conducting resource adequacy studies.	1. Support implementation of NYISO Resource Adequacy Strategic Plan for 2023. 2. Ensure the Policy 5 revision associated with the 2024 IRM Study is updated.	ICS	C1. RA 2023 goals implemented. C2. Policy 5 Updated	TBD 6/2023
D. Continued enhancement of communication and outreach to state policymakers on reliability issues and challenges.	1. Initiate outreach & respond to policymakers whenever appropriate.	EC	D1. Ongoing participation in meetings, provision of information and presentations to policymakers.	2023
E. Adopt best practices for inclusion in NYSRC Reliability	1. Review best power system reliability practices at the international, national & regional	NYSRC	E1. Review data, criteria & analytical methods presented at international, NPCC, NERC, FERC & EPRI forums on Probabilistic Analysis and Extreme Weather.	2023

Rules, procedures and other initiatives.	levels to ensure that NYSRC is aware of current initiatives for possible inclusion in NYSRC Reliability Rules, procedures and other initiatives. 2. Monitor ISOs & TOs for lessons learned from procedures, rules, requirements & disturbances.	NYSRC	F2. Monitor ISOs & TOs throughout US	2023
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4.0 IMPLEMENTATION PLAN

Table 4 is a proposed plan for implementing the recommendations in this paper, based on discussion and conclusions in Sections 2 and 3.

Appendix B shows proposed Reliability Requirements for inclusion in a new PRR in accordance with Resource Adequacy, Phase 1

Table 4

NYSRC Extreme System Condition Resilience Implementation Plan

RESOURCE ADEQUACY

Phase	Actions	Target Date
1	RRS shall prepare a PRR specifying new rules that require the NYISO to: <ol style="list-style-type: none"> a. Periodically conduct probabilistic resource adequacy assessments of the reliability impacts for a range of types of extreme weather events. (Such assessments would utilize a preliminary NYISO extreme weather model.) b. Develop an “<i>Extreme Weather Resilience Operating Plan</i>” for withstanding and recovering rapidly from disruptions. Appendix B is a preliminary draft PRR.	October 2022
2	NYISO to complete final extreme weather modeling capability.	2025
3	RRS to complete development of an “Extreme Weather Resource Adequacy Reliability Criterion.” An RRS ad hoc working group including NYISO, RRS, and ICS members shall be formed to develop this criterion.	2025
4	RRS to prepare a new rule requiring the NYISO to conduct extreme weather resource adequacy assessments for determining required resource additions for meeting new Extreme Weather Resource Adequacy Criteria	2026

TRANSMISSION SECURITY

Phase	Actions	Target Date
1	RRS shall complete development of an “Extreme Weather Transmission Reliability Criterion.” An RRS ad hoc working group including NYISO and RRS members shall be formed to develop this criterion.	2024
2	RRS shall prepare a new rule requiring the NYISO to conduct extreme weather transmission assessments for determining required transmission additions for meeting new Extreme Weather Transmission Criteria.	2024

LOSS OF NATURAL GAS SUPPLY

Phase	Actions	Target Date
1	RRS to study the need develop an “Extreme Weather Loss of Natural Gas Criterion.” An RRS ad hoc working group including NYISO and RRS members shall be formed to conduct this review.	2023
2	RRS to develop an “Extreme Weather Loss of Natural Gas Criterion” if Phase 1 determines its need.	2024
3	If an “Extreme Weather Loss of Natural Gas Criterion” is developed, RRS shall prepare a new rule requiring the NYISO to conduct loss of natural gas assessments for determining required system additions.	2024