

NYSRC 2022 GOALS – PROGRESS REPORT

Approved by the New York State Reliability Council Executive Committee on November 10, 2021

Goals	Actions	Responsibility	Progress Target
<p>A. Identify actions to preserve adequate NYCA reliability for high levels of renewable resource capacity as mandated by the CLCPA.</p>	<ol style="list-style-type: none"> 1. Prepare a Phase 3 High Intermittent Renewable Resource analysis based on CLCPA 2030 Goals to evaluate the IRM and other reliability impacts of a future NYCA system. 2. Consider developing new rules and modifying existing rules including resource adequacy and transmission planning design, recognizing the transition to a greater reliance on DER & utility connected intermittent renewable resources and energy storage systems. 	<ol style="list-style-type: none"> 1. ICS 2. RRS/RAWG 	<p>1A. Present scope to the EC by Jan. 2022. (100%) 1B. Present Phase 3 report by June 2022. (100%)</p> <p>2A. Present scope to EC by March 2022 (100%) 2B. Present white paper to EC by July 2022. (100%) 2C. If appropriate, present PRRs to EC by Dec. 2022. (In progress)</p>
<p>B. Identify actions to preserve NYCA reliability for extreme weather events and other extreme system conditions.</p>	<ol style="list-style-type: none"> 1. Evaluate the potential need for new resource adequacy and transmission planning design rules for planning the system to meet extreme weather & other extreme system conditions 	<ol style="list-style-type: none"> 1. RRS 	<p>1A. Present scope to the EC by Jan. 2022. (100%) 1B. Present white paper to EC by July 2022. (100%) 1C. If appropriate, present PRRs to EC by Dec. 2022. (100%)</p>
<p>C. Continued enhancement of probabilistic models for conducting resource adequacy studies.</p>	<ol style="list-style-type: none"> 1. Enhance modeling efforts including DER, ELR and other modeling improvements. 2. Revise the ICS scope to consider emerging issues in IRM studies. 3. Implement LOLH and EUE metrics in NYSRC & NYISO IRM and resource adequacy planning processes. 	<ol style="list-style-type: none"> 1. ICS 2. EC/ICS 3. ICS/RAWG 	<p>1. 2022 IRM study will include the impacts of increasing DER penetrat. and ELR modeling improvements. (100%) 2. ICS scope to be completed by Jan. 2022. (100%)</p> <p>3A. LOLH and EUE metrics will be included in the 2022 IRM report and other future studies. (100%) 3B. Work with NYISO to incorporate reliability metrics as part of NYISO's resource adequacy planning processes. (100%) 3C. Participate in NPCC, NERC, FERC & EPRI forums, review technical papers associated with resource adequacy metrics, and report findings to EC on an ongoing basis. (100%)</p>

<p>D. Continued enhancement of communication and outreach to state policymakers on reliability issues and challenges.</p>	<ol style="list-style-type: none"> 1. Prepare a white paper to be used as a guide for communicating current reliability issues to policymakers. 2. Initiate outreach to policymakers whenever appropriate. 	<ol style="list-style-type: none"> 1. EC 2. EC 	<ol style="list-style-type: none"> 1. Prepare white paper by Jan. 2022. (100%) 2. Ongoing participation in meetings, provision of information and present. to policymakers. (100%)
<p>E. Adopt best practices for inclusion in NYSRC Reliability Rules, procedures and other initiatives.</p>	<ol style="list-style-type: none"> 1. Review best power system reliability practices at the international, national & regional 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. 	<ol style="list-style-type: none"> 1. All NYSRC committees 2. All NYSRC committees 	<ol style="list-style-type: none"> 1. Review data, criteria & analytical methods presented at international, NPCC, NERC, FERC & EPRI forums on Probabilistic Analysis and Extreme Weather. (100%) 2. Monitor ISOs & TOs throughout US. (100%)