Attachment #5.2
Return to Agenda

NYSRC - Reliability Rules Subcommittee (RRS)
Potential Reliability Rule Changes – Outstanding
(As of November 6, 2026)

PRR No.	Existing Rule	Potential Rule Change	Sponsor(s)	Category[1]	Status[2]	RRS Action
PRR 153	New Contingency requirement for B.1 - Transmission System Planning Performance Requirements, R1 - Transmission facilities in the NYS Bulk Power System shall be planned to meet the respective performance requirements in Table B-1 and supplemental performance requirements in Table B-2 for the contingency events as specified in Table B-1.	Include "Sudden loss of fuel delivery system to multiple solar & wind plants" as Category I & II Design Contingencies in Table B-1	RRS EWWG	R	1	In development
PRR 155	Additional Requirements for RR B.5 To Establish minimum interconnection standards for Large Inverter Based Resource (IBR) Generating Facilities (As-Built) based on IEEE Standard 2800-2022	R1. The NYISO shall prepare and maintain procedures for the NYISO's *Interconnection Studies* process requiring that *Large IBR Generating Facility Developers*: R1.1. Attest that their IBR plant will be designed to be in compliance with the mandatory requirements of IEEE 2800-2022, as amended by "NYSRC Procedure for Application of IEEE 2800-2022 Standard for Large IBR Generating Facilities for the New York Control Area".	NYISO IBR WG RRS	R, RQ, P	6	In Development & Public Comment Addressed and Recommended to EC for final Approval

[1] Categories: **R**=Rule; **D**=Definition; **RQ**=Requirement; **P**=Procedure/Guideline; **C**=Compliance Elements; **E**=Exception

[2] Status: **1**=In RRS for development/review; **2**=In RCMS for compliance elements; **3**=To EC for approval to post; **4**=Approved by EC for posting; **5**=RRS incorporating comments from posting; **6**=To EC for final approval; **7**=Approved by EC; **8**=Removed

PRR No.	Existing Rule	Potential Rule Change	Sponsor(s)	Category[1]	Status[2]	RRS Action
		R1.2. Attest that their IBR plant models, data and test results accurately simulate the performance of their compliant IBR plant per R1.1: R1.2.1. Attestation of compliance of models and data for the IBR plant as submitted to the NYISO's Cluster Study Process. R1.2.2. Attestation of compliance of the final IBR plant design prior to commissioning, including: • Validation of IBR Unit & Power Plant Controller (PPC) models, • Plant model verification, and • Plant design evaluation based on simulation studies. R1.2.3. Attestation of compliance of as-built and tested IBR plant, including: • Installation evaluation, • Commissioning tests, and • Post-commissioning model validation. R2. Each Large IBR Facility Developer subject to the NYISO's *Interconnection Studies* process shall: R2.1. Attest that their IBR plant will be designed to be in compliance with the mandatory requirements of IEEE 2800-2022, as amended by "NYSRC Procedure for Application of IEEE 2800-2022 Standard for Large IBR Generating Facilities for the New York Control Area". R2.2. Attest that their IBR plant models, data and test results accurately simulate the performance of their compliant IBR plant per R2.1:				

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		R2.2.1. Attestation of compliance of models and data for the IBR plant as submitted to the NYISO's Cluster Study Process. R2.2.2. Attestation of compliance of the final IBR plant design prior to commissioning, including: • Validation of IBR Unit & Power Plant Controller (PPC) models, • Plant model verification, and • Design evaluation. R2.2.3. Attestation of compliance of as-built and tested IBR plant, including: • Installation evaluation, • Commissioning tests, and • Post-commissioning model validation. M1. The NYISO self-certified and provided evidence that it had procedures in place for implementing the Large IBR Generating Facility Developer's interconnection requirements in accordance with R1. M2. The NYISO certified that each Large IBR Generating Facility Developer attested to compliance with its applicable requirements in accordance with R2 and identified any Large IBR Generating Facility Developer that failed to provide a required attestation..				

PRR No.	Existing Rule	Potential Rule Change	Sponsor(s)	Category[1]	Status[2]	RRS Action
PRR 157	None – Create New Rule Mandatory Under-Frequency Load Shedding (UFLS) Design Requirements for Large Load Facilities	R1. New large load facilities greater than or equal to 50 MW (aggregated at a single electrical location) shall be integrated into the NYCA UFLS program as a condition for interconnection provided the load does not directly serve critical and essential government and community services, such as hospitals, fire and police stations, and critical municipal infrastructure. R1.1. Transmission Owners shall update, as needed, their technical requirements (including, but not limited to interconnection requirements) to apply a smaller megawatt threshold for the integration of new large loads in its UFLS program, if the TO determines a lower value is needed for its system to meet the NERC and NPCC standards found in PRC-006 and PRC-006-NPCC. R2. NYISO shall establish statewide criteria necessary to ensure participation of these large loads identified in R1 and R1.1 of this rule in the NYCA automatic UFLS program. R3. Transmission Owners shall update, as needed, their technical requirements (including but not limited to interconnection requirements) to mandate that new large load facilities identified in R1 and R1.1 of this rule install and maintain automatic Under-Frequency relaying. R4. Transmission Owners shall incorporate the NYISO criteria established pursuant to R2. and their own technical requirements (including but not limited to interconnection requirements) pursuant to R1 and R3 along with the large load facility's UFLS obligations into their standard Interconnection Agreements that are executed or modified after the effective date of this rule as a pre-condition of interconnection.	RRS	R	5	In Development Action items and clarifying language in response to NYISO's public comments are under consideration

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		R5. Transmission Owners shall ensure large load facilities are prioritized for shedding either prior to or concurrent with the activation of distribution feeders as determined by the interconnecting TO's engineering studies to meet PRC-006 and PRC-006-NPCC compliance targets. R6. Transmission Owners shall verify the operational readiness of these automatic Under-Frequency relays pursuant to the periodicity specified in the TO's technical requirements (including but not limited to interconnection requirements) provided that the frequency of relay testing meets or exceeds the requirements of PRC-005. Verification shall be based on certified tests conducted pursuant to each large load facility's executed interconnection agreement. M1. Transmission Owner Large Load MW Threshold(Relates to R1.1): A Transmission Owner that has determined new large loads below the 50 MW threshold provided in R1 must participate in its UFLS program for its system to meet the requirements of PRC-006 and PRC-006-NPCC shall (a) provide documentation (e.g., analysis or study report) supporting the lower threshold that it has specified and (b) provide documentation, such as a standard interconnection agreement template, technical bulletin, and/or a filed Tariff change, demonstrating that this lower megawatt value is clearly identified in its technical requirements (including, but not limited to interconnection requirements). M2. NYISO Criteria Documentation (Relates to R2): NYISO shall provide a copy and have posted on its website the necessary statewide criteria it				

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		has established that supports the mandated integration of new large load facilities, identified pursuant to R1 and R1.1 of this rule, into the NYCA automatic UFLS program as a condition for interconnection that is clearly reflected in the load's executed Interconnection Agreement. M3. TO Technical Requirements (Relates to R3): Each Transmission Owner (TO) shall provide evidence, such as a technical bulletin, or a filed Tariff change showing that it has mandated the installation and maintenance of automatic Under-Frequency relaying for new large load facilities identified pursuant to R1 and R1.1 of this rule. M4. TO Interconnection Agreements (Relates to R4): Each Transmission Owner shall annually (a) provide its standard Interconnection Agreement template that has incorporated the NYISO criteria, its technical requirements, and the necessary terms and conditions requiring that the large loads identified pursuant to R1 and R1.1 of this rule participate in the automatic UFLS program, and (b) certify that new or modified interconnection agreements executed with such large loads during the prior twelve (12) months include all such provisions. M5. UFLS Program Tables & Mapping (Relates to R5): Each TO shall provide its annual UFLS program table or mapping document to the NYISO and to NYSRC that demonstrate that large load facilities, identified pursuant to R1 and R1.1 of this rule, are prioritized for shedding prior to or concurrent with the activation of distribution feeders consistent with the interconnecting TO's engineering studies relied upon to demonstrate compliance with PRC-006 and PRC-006-NPCC. M6. Annual Verification Records (Relates to R6): Each TO shall provide a summary report and/or a sample of certified relay test results collected from				

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		all large load facilities that participated in their automated UFLS program within the previous calendar year. This report shall serve as evidence that the TO is actively verifying the operational readiness of the required equipment.				
PRR 161	RR C.7: Exceptions to the Reliability Rules: Modifications to make RR C.7 consistent with recent changes to Policy 1, Section 5 that requires Exceptions approved after March 13, 2026, to contain an expiration date.	**B. Requirements** **R1.** The *NYISO* shall implement actions required for granting New Exceptions or modifying or removing current exceptions (Exception Changes), or the expiration of current Exceptions, as described in *NYSRC* Policy 1, *Procedure for Reviewing, Developing, Modifying, and Disseminating NYSRC Reliability Rules*: **R1.1.** Each *Transmission Owner* shall be requested, at least annually, to assess its Exceptions and to determine whether it wishes to request the *NYSRC* to grant a New Exception, an Exception Change, or a one-time extension for any Exception with an expiration date would otherwise cause the Exception to expire within the next twelve months.. **R1.2.** The *NYISO* shall process requests from the *NYSRC* to review applications for a New Exception, Exception Change, or the one tme extension of an expiring Exception that: • The *NYSRC* has received directly from a *Market Participant* or, • The *NYSRC* has received from a *Transmission Owner* via the Annual Exception Review. **R1.3.** Following its review pursuant to R1.2, the *NYISO* shall notify the *NYSRC* if it recommends that the *NYSRC* approve the granting of the New Exception, Exception Change, or whether an Exception that includes an expiration date should receive a one-time extension up to 18 months	RRS	R	6	In Development Recommended to EC for final Approval

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		from the date initially approved by the NYSRC. The *NYISO* shall document the reasons for its recommendation, including a finding that there would be no adverse impact to *reliability* upon issuance of the New Exception, Exception Change, or one-time extension of the expiration date. If the *NYISO* recommends that the exception request should be rejected by the *NYSRC*, the *NYISO* shall document its reasons for such a recommendation. **C. Compliance** **1. Measures** **M1.** The *NYISO* initiated required actions for implementing the *NYSRC* process of granting New Exceptions, Exception Change, or the one-time extension of the expiration date of an expiring Exception, in accordance with R1, as follows: 1. Requested each *Transmission Owner*, at least annually, to review its exceptions and determine whether it wishes to request the *NYSRC* to grant New Exceptions, Exception Changes, and/or one-time extensions of expiring Exceptions, s, per R1.1. 2. In accordance with *NYSRC* requests, the NYISO reviewed *Transmission Owner* proposals for New Exceptions, Exception Changes, and/or one-time extensions of expiring Exceptions, , and notified the *NYSRC* of the results of its reviews and recommendations on a timely basis, per R1.2 and R1.3.				
PRR 162	Updated Table C-2(Operating) to enhance rule for Underground Cable Operating Criteria by introducing define the new Emergency Response Capability term, which would allow increase or decreasing output of	The proposed modification to the language in table C-2: 1. For normal transfers, no facility shall be loaded beyond its LTE rating following the most severe of contingencies 1 through 8 specified in Table C-1.	Con Edison NYISO	R & D	1	In development

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	generation, storage and HVDC facilities rather than refer to increase in generation	An underground cable circuit may be loaded to its STE rating following: Loss of Generation - provided ~~*ten (10) minute operating reserve*~~ ten (10) minute Emergency Response Capability (including the ability to increase or decrease resource output) and/or phase angle regulation is available to reduce the loading to its LTE rating within fifteen (15) minutes and not cause any other facility to be loaded beyond its LTE rating. Loss of Transmission Facilities - provided ~~*ten (10) minute operating reserve*~~ ten (10) minute Emergency Response Capability (including the ability to increase or decrease resource output) and/or phase angle regulation is available to reduce the loading to its LTE rating within fifteen (15) minutes and not cause any other facility to be loaded beyond its LTE rating Addition of glossary term: **Emergency Response Capability** – The sum of the available capacity from Generation, Energy Storage Systems (ESS), HVDC facilities, and Variable Frequency Transformer (VFT) that can be adjusted (increased or decreased) and sustained within ten (10) minutes following a contingency to restore Transmission Facility loadings to within applicable limits				
PRR 163	Update Table B-2 (Planning Criteria) to enhance rule for Underground Cable Operating Criteria aligning it with PRR 162	The proposed modification to the language in table B-2: 2. For normal transfers, no facility shall be loaded beyond its LTE rating following the most severe	Con Edison NYISO	R & D	1	In development

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		of Contingency Events 1 through 9 specified in Table B-1. An underground cable circuit may be loaded to its STE rating following: Loss of Generation - provided ~~*ten (10) minute operating reserve*~~ ten (10) minute Emergency Response Capability (including the ability to increase or decrease resource output) and/or phase angle regulation is available to reduce the loading to its LTE rating within fifteen (15) minutes and not cause any other facility to be loaded beyond its LTE rating Loss of Transmission Facilities - provided ~~*ten (10) minute operating reserve*~~ ten (10) minute Emergency Response Capability (including the ability to increase or decrease resource output) and/or phase angle regulation is available to reduce the loading to its LTE rating within fifteen (15) minutes and not cause any other facility to be loaded beyond its LTE rating.				