

Request to Develop or Modify Reliability Rules and Requirements (NYSRC Policy No. 1-7)

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Item	Information
1. PRR No. & Title of Reliability Rule or Requirement change	PRR 128 Definition of <i>New York State Bulk Power System (NYS Bulk Power System)</i>
2. Rule Change Requester Information	
Name	Martin Paszek
Organization	Con Edison
3. New rule or revision to existing rule?	Revision of the existing Glossary term: <i>New York State Bulk Power System (NYS Bulk Power System)</i> . Addition of a new Glossary Term: <i>Radial Elements</i>.
4. Need for rule change, including advantages and disadvantages	<p>The existing legacy definition of the <i>New York State Bulk Power System (NYS Bulk Power System)</i> requires an update. The existing definition of the <i>New York State Bulk Power System (NYS Bulk Power System)</i> includes wording, such as “[...] generally comprising units 300 MW and larger, and generally comprising transmission facilities 230 kV and above [...]” that is subject to various interpretations and may lead to situations where some facilities that should be subjected to the NYSRC Reliability Rules are not, and vice versa. The NYSRC Reliability Rules apply to the NYSRC BPS facilities. In addition, the existing legacy definition should be updated and aligned with the recent NERC BES and NPCC BPS definition updates.</p> <p>On March 20, 2014 FERC approved the revised BRS-BES definition. The BES definition includes “Bright-Line” core criteria (100 kV and above) with various inclusions and exclusions. All BES elements are subject to compliance with the NERC Standards. The BES definition was revised to improve clarity, to reduce ambiguity and to establish consistency across all Regions. NERC works with eight Regional Entities to improve the reliability of the BES. NPCC is one of the Regions.</p> <p>NPCC Document A-10 “Classification of Bulk Power System Elements” provides the methodology to identify the Bulk Power System (BPS) Elements, or parts thereof, of the interconnected NPCC Region. NPCC Criteria and Directories, which establish more stringent requirements than the NERC Standards, are applicable to BPS. New York is part of the NPCC Region. NPCC <u>Document A-10</u> is a “performance <u>Performance-B-based</u>” methodology.</p> <p>After an extensive NYSRC Executive Committee discussion it was agreed that in developing a revised <i>New York State Bulk Power System (NYS Bulk Power System)</i> definition, the starting point should be the NPCC “Pperformance-B-based” <u>Document A-10</u> criterion with the additions / modifications as deemed appropriate for New York State.</p> <p><u>This PRR was tabled in 2015 due to on-going revision of the NPCC Document A-10. After a few years of review NPCC Full Member Committee approved the revised NPCC Document A-10 effective March 27, 2020</u></p>

	<p>The proposed new definition of the <i>New York State Bulk Power System (NYS Bulk Power System)</i>, for the applicability of the NYSRC Reliability Rules, will also address an ambiguity related to radial facilities found within the NPCC A-10 methodology as it relates to BPS classification of an element that has one terminal classified as BPS, while the other terminal not (such as radial load supplied from a BPS station). These radial elements will be excluded from the definition of <i>New York State Bulk Power System (NYS Bulk Power System)</i>.</p> <p>The new definition of the <i>New York State Bulk Power System (NYS Bulk Power System)</i> will not add any new facilities to the existing NYISO BPS list.</p> <p>***</p> <p>Advantage: Clarification of the NYSRC definition of the <i>New York State Bulk Power System (NYS Bulk Power System)</i> that would not be subject to various interpretations thus causing unnecessary confusion.</p> <p>Disadvantage: None</p>
<p>5. Related NYSRC rules</p>	<p>This is a change to an existing Glossary Term: <i>New York State Bulk Power System (NYS Bulk Power System)</i>, which is quoted throughout the RR&C Manual (Introduction, Rule Group B, C, D, F, G and I).</p> <p>Section 1.2.4 of the Introduction section is specific to this Glossary Term; thus the proposed language will be changed in section 1.2.4 (Introduction) and in the Glossary section of the RR&C Manual.</p> <p><u>Existing definition of the New York State Bulk Power System (NYS Bulk Power System):</u> The portion of the Bulk Power System within the New York Control Area, generally comprising generating units 300 MW and larger, and generally comprising transmission facilities 230 kV and above. However, smaller generating units and lower voltage transmission facilities on which faults and disturbances can have a significant adverse impact outside of the local area are also part of the NYS Bulk Power System.</p> <p><u>New definition of the New York State Bulk Power System (NYS Bulk Power System):</u></p>

	<p>The portion of the New York Transmission System <u>identified as the NYS Bulk Power System (NYS BPS) pursuant to the based on NPCC Document A-10 Classification of Bulk Power System Elements - Version 3, dated May 6, 2020, (Document A-10), excluding all radial branches elements shall not be considered part of the NYS BPS if none of the buses on the radial are classified as Bulk Power System Elements per NPCC Document A-10, definition unless these radial elements connect two Bulk Power System buses.</u></p> <p>In addition, a new Glossary term is added:</p> <p><i>Radial elements:</i> Transmission elements that emanate from a single point of connection, or multiple points of connection, of 100 kV or higher and only serve load; rather than transfer bulk power across the interconnected system. Also, radial elements may have generation resources connected with an aggregate capacity less than or equal to 75 MVA (gross nameplate rating), given that this generation resource serves load supplied by the radial element.</p>
6. Section A – Reliability Rule Elements	
1. Reliability Rule	<u>No change</u> <u>N/A</u>
2. Associated NERC & NPCC Standards and Criteria	<u>No change</u> <u>N/A</u>
3. Applicability	<u>No change</u> <u>N/A</u>
7. Section B – Requirements	
Requirements	<u>No change</u> <u>N/A</u>
8. Section C – Compliance Elements	
1. Measures	<u>No change</u> <u>N/A</u>
2. Levels of Non-Compliance	<u>No change</u> <u>N/A</u>
3. Compliance Monitoring Process (See Policy 4):	<u>No change</u> <u>N/A</u>
3.1 Compliance Monitoring Responsibility	<u>No change</u> <u>N/A</u>
3.2 Reporting Frequency	<u>No change</u> <u>N/A</u>
3.3 Compliance Reporting Requirements	<u>No change</u> <u>N/A</u>
9. Implementation Plan	<u>The NYISO shall revise appropriate procedures within 90 days of Executive Committee approval of PRR 128.</u> <u>N/A</u>
10. Comments	<u>The exclusion of such radial elements will be proposed for the upcoming review of NPCC Document A-10. However, the proposed NYSRC Glossary change does not depend on the outcome of the NPCC review.</u> <u>None</u>
11. Date Rule Adopted	
12. PRR Revision Dates	<u>1/5/15, 6/5/15, 8/28/15, 4/27/2020, 4/30/2020, 6/25/2020</u>

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