

Request to Develop or Modify Reliability Rules and Requirements (NYSRC Policy No. 1-11)
 Submit request to Herb Schrayshuen (herb@poweradvisorsllc.com) via the NYSRC site www.nysrc.org

Item	Information												
1. PRR No. & Title of Reliability Rule or Requirement change	PRR 153: Sudden loss of solar & wind and fuel delivery systems												
2. Rule Change Requester Information													
Name	RRS												
Organization	NYSRC												
3. New rule or revision to existing rule?	Revision to 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.												
4. Need for rule change, including advantages and disadvantages	<p>Sudden loss of fuel delivery system to multiple plants is currently included as an Extreme Contingency in NYSRC Reliability Rules Table B-3. This rule is proposing to add design criteria contingencies of the sudden loss of generation due to weather (<i>i.e., loss of wind and solar units</i>). It is proposed to make these design criteria contingencies in Table B-1, Category I and Category II contingencies.</p> <p>The proposed contingency for the sudden loss of generation due to weather is based on the burgeoning development of wind and solar resources in NYCA. The advantage of this change for system reliability is that it will properly represent the variable nature of the fuel supplying these resources.</p> <p>There are no disadvantages.</p>												
5. Related NYSRC rules	B.1 - Transmission System Planning Performance Requirements												
6. Section A – Reliability Rule Elements													
1. Reliability Rule	Table B.1: Category I Event – add new contingency 10, the sudden loss of generation due to weather. Table B.1: Category II Event - Add a new contingency 1f, the sudden loss of generation due to weather.												
2. Associated NERC & NPCC Standards and Criteria													
3. Applicability													
7. Section B – Requirements													
Requirements	<table border="1"> <thead> <tr> <th colspan="4">Table B-1</th> </tr> <tr> <th>Category</th> <th>Contingency Events</th> <th>Fault Type</th> <th>Performance Requirements</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>10. Sudden loss of generation due to weather <i>(i.e., loss of wind and solar)</i></td> <td>No fault</td> <td>No change from table B-1</td> </tr> </tbody> </table>	Table B-1				Category	Contingency Events	Fault Type	Performance Requirements	I	10. Sudden loss of generation due to weather <i>(i.e., loss of wind and solar)</i>	No fault	No change from table B-1
Table B-1													
Category	Contingency Events	Fault Type	Performance Requirements										
I	10. Sudden loss of generation due to weather <i>(i.e., loss of wind and solar)</i>	No fault	No change from table B-1										

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	II	units) 1f. Sudden loss of generation due to weather (i.e., loss of wind and solar units)	No change from table B-1	No change from table B-1
8. Section C – Compliance Elements				
1. Measures				
2. Levels of Non-Compliance				
3. Compliance Monitoring Process (See Policy 4):				
3.1 Compliance Monitoring Responsibility				
3.2 Reporting Frequency				
3.3 Compliance Reporting Requirements				
9. Comments				
1. All other contingency events in Table B-1 are defined by their nature. Sudden loss generation due to weather is undefined and needs clarification in an associated Guideline as to extent in location and time, and coincidence.				
10. Date Rule Adopted				
11. PRR Revision Dates				
10/26/23, 12/4/23, 12/11/23				