

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 153a: Sudden loss of gas fuel delivery system
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, (Extreme contingency 10). This rule is proposing to add design criteria contingencies of the loss of gas fuel to a single plant for a common-mode failure of the fuel delivery system. Extreme contingency 10 in Table B-3 (sudden loss of a fuel delivery system to multiple plants) would also be revised to clarify applicability to fossil-based generation. 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 loss of fossil fuel to a plant for a common-mode failure of the fuel delivery system better aligns to risks to operations present on the system today.</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	<p>Table B-1: Category I Event – add new contingency 10, sudden loss of gas fuel to a single plant for a common-mode failure of the fuel delivery system. Add category II event 1f of sudden loss of gas fuel to a single plant for a common-mode failure of the fuel delivery system.</p> <p>Table B-3: Extreme Contingency 10. Sudden loss of fuel delivery system to multiple fossil plants (e.g., gas pipeline contingencies)</p>
2. Associated NERC & NPCC Standards and Criteria	NERC TPL-001, NPCC Directory 1
3. Applicability	NYISO

7. Section B – Requirements				
Requirements	Table B-1			
	Category	Contingency Events	Fault Type	Performance Requirements
	I	10. Sudden loss of gas fuel to a single plant for a common-mode failure of the fuel delivery system	No <i>fault</i>	No change from table B-1
	II	1f. Sudden loss of gas fuel to a single plant for a common-mode failure of the fuel delivery system	No change from table B-1	No change from table B-1
	Table B-3			
Category	Contingency Events	Fault Type	Performance Requirements	
Extreme Contingency	10. Sudden loss of fuel delivery system to multiple fossil plants (e.g., gas pipeline contingencies)	No change from table B-3	No change from table B-3	
8. Section C – Compliance Elements				
1. Measures	No change			
2. Levels of Non-Compliance	No change			
3. Compliance Monitoring Process (See Policy 4):	No change			
3.1 Compliance Monitoring Responsibility	No change			
3.2 Reporting Frequency	No change			
3.3 Compliance Reporting Requirements	No change			
9. Comments				
10. Date Rule Adopted				
11. PRR Revision Dates	10/26/23, 12/4/23, 1/24/24, 2/29/24, 3-8-24			