

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 |
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| 2. Rule Change Requester Information | |
| Name | RRS |
| Organization | NYSRC |
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| 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. |
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| 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> |
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| 5. Related NYSRC rules | B.1 - Transmission System Planning Performance Requirements |
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| 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 |
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| 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 | | | |