

Generating Facility Cold Weather Operating Limits

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FERC/NERC joint report on SPP/MISO/TVA cold weather operations January, 2018 recommendations

- Generator Operators determine lowest ambient temperature to which plants can reliably operate
- Generator Operators to provide these limits to their Balancing Authority (BA) and Reliability Coordinator (RC)
- Balancing Authority (BA) and Reliability Coordinator (RC) to incorporate these limits in their operating plans

Report Link: https://www.nerc.com/pa/rrm/ea/Documents/South_Central_Cold_Weather_Event_FERC-NERC-Report_20190718.pdf



- Based on joint NERC/FERC report on MISO/SPP/TVA cold weather event in January 2018
- Focused on low ambient operating temperature limits
- Included all units modeled in eDART



- Survey was initiated in eDART
 - Independent of Seasonal Fuel & Emissions Survey
 - Was open from 12/1/19 4/1/20





| Standards | Project | Action | End Date |
|-------------------------------------|---|--|------------|
| EOP-011-2 IRO-010-4 TOP-003-5 | Project 2019-06 Cold Weather Background: > The FERC and NERC staff report titled The South Central United States Cold Weather BES Event of January 17, 2018 was released in July 2019. Following the report, SPP submitted a SAR proposing a new standard development project to review and address the recommendations in the Report. Revisions to: > EOP-011-2 Emergency Preparedness > IRO-010-4 Reliability Coordinator Data Specification and Collection > TOP-003-5 Operational Reliability Data Implementation Plan: https://www.nerc.com/pa/Stand/Project%20201906%20Cold%20Weather%2 ODL/2019-06 Cold Weather Implementation Plan 01272021.pdf | Formal Comment Period & Balloting Join Ballot Pools | 03/12/2021 |



- Driver is recent cold weather operations in multiple ISOs / RTOs
 - Will be sent to ALL units modeled in eDART
 - Data will be pre-populated where possible
 - Capturing data for units that went in service since 12/1/19
 - Collect additional data for wind and solar resources



- Survey to be initiated in eDART
- Independent of Seasonal Fuel & Emissions Survey
- Will be open for approximately 8 weeks, opening the last week of March