



Generation Resource Cold Weather Preparation

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Operating Committee

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Pre-Winter
Reactive
Capability
Verification

Cold Weather
Checklist

Seasonal Fuel
Inventory and
Emissions
Survey

Cold Weather
Exercise

NERC Webinar

Generating Unit Reactive Capability Verification

- Pre-Winter Review: From October 1 through October 31
- Generation Owners review their unit reactive capabilities in eDART
- Update D-curves as necessary
- Provide acknowledgement via eDART

Cold Weather Preparation Guideline and Checklist

- Provides generators with a guide to prepare units for cold weather operation
- Based on Manual 14-D, Attachment “N”
 - Minor changes since 2019
- Survey in eDART
 - Starting November 1st and ending on December 15th
 - Option of using the PJM or equivalent checklist

Seasonal Fuel Inventory and Emissions Survey

- Required for reliable operations planning purposes
- Focused on fuel supply and delivery details, fuel inventory and emissions limitations
- Enhance PJM situational awareness in preparation for severe weather
- Survey open in eDART mid-October through mid-November

Generating Facility Minimum Operating Temperature Survey

- Based on joint NERC/FERC report on MISO cold weather event in January 2018
- Focused on specific generating units limitations, such as ambient temperatures
- Survey data collected via eDART
 - Open from 12/1/19 – 4/1/20
 - Over 91% resource response
 - PJM analysis in progress

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

Change for 2020

- PJM no longer facilitating a formal exercise
- Generation resources asked to self-schedule for testing
 - Day-ahead preferred, real-time acceptable with proper notice to PJM dispatch
 - During month of December
 - Temperature forecast below 35 degrees
 - Informational eDART ticket with cause “Cold Weather Preparation Exercise”

NERC Winter Prep Webinar

- Occurred on 9/3/20 1400-1500 EPT
- Preparation for the upcoming winter weather, including:
 - Lessons Learned
 - Reliability Guideline: Generating Unit Winter Weather Readiness
 - 2019-2020 winter items of interest

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Generation Resource Cold Weather Preparation



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