



# Generation Resource Cold Weather Preparation

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System Operations Subcommittee

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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 15<sup>th</sup>
  - 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-NEERC-Report\\_20190718.pdf](https://www.nerc.com/pa/rrm/ea/Documents/South_Central_Cold_Weather_Event_FERC-NEERC-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

- Scheduled for 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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