



ERCOT Winter Weatherization Workshop Opening Remarks

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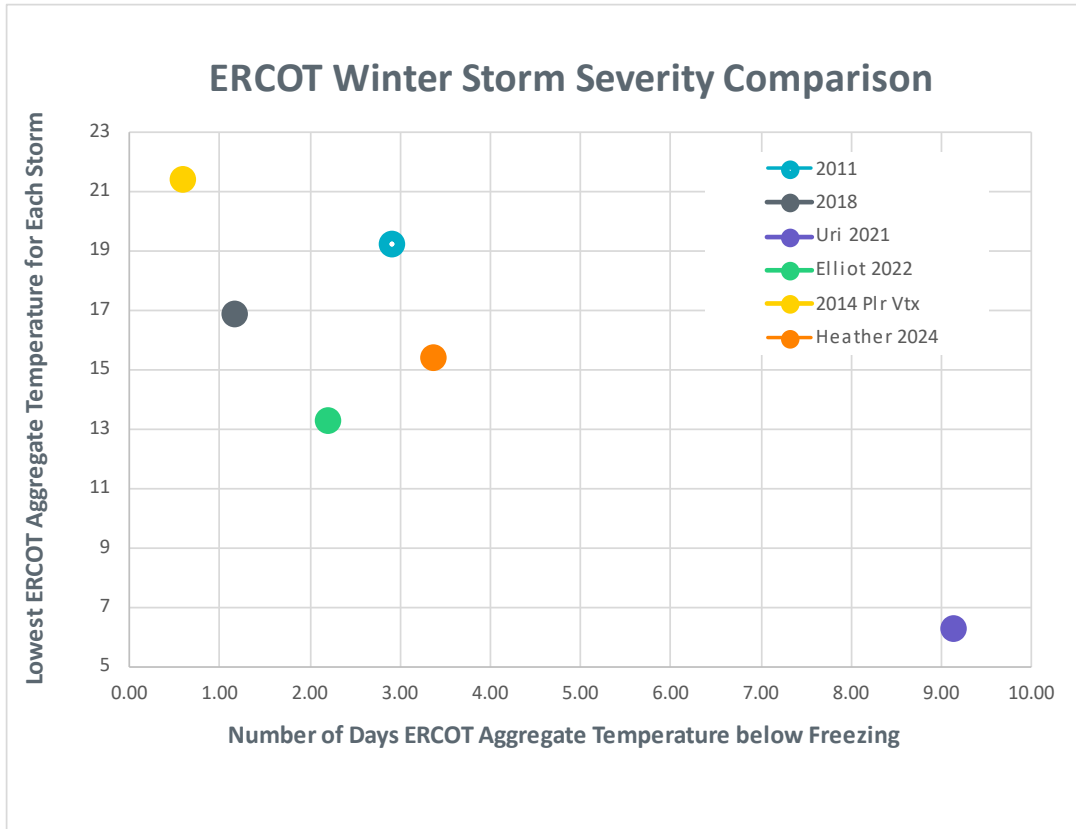
October 28, 2024

Looking back on Weather Emergency Preparedness in ERCOT

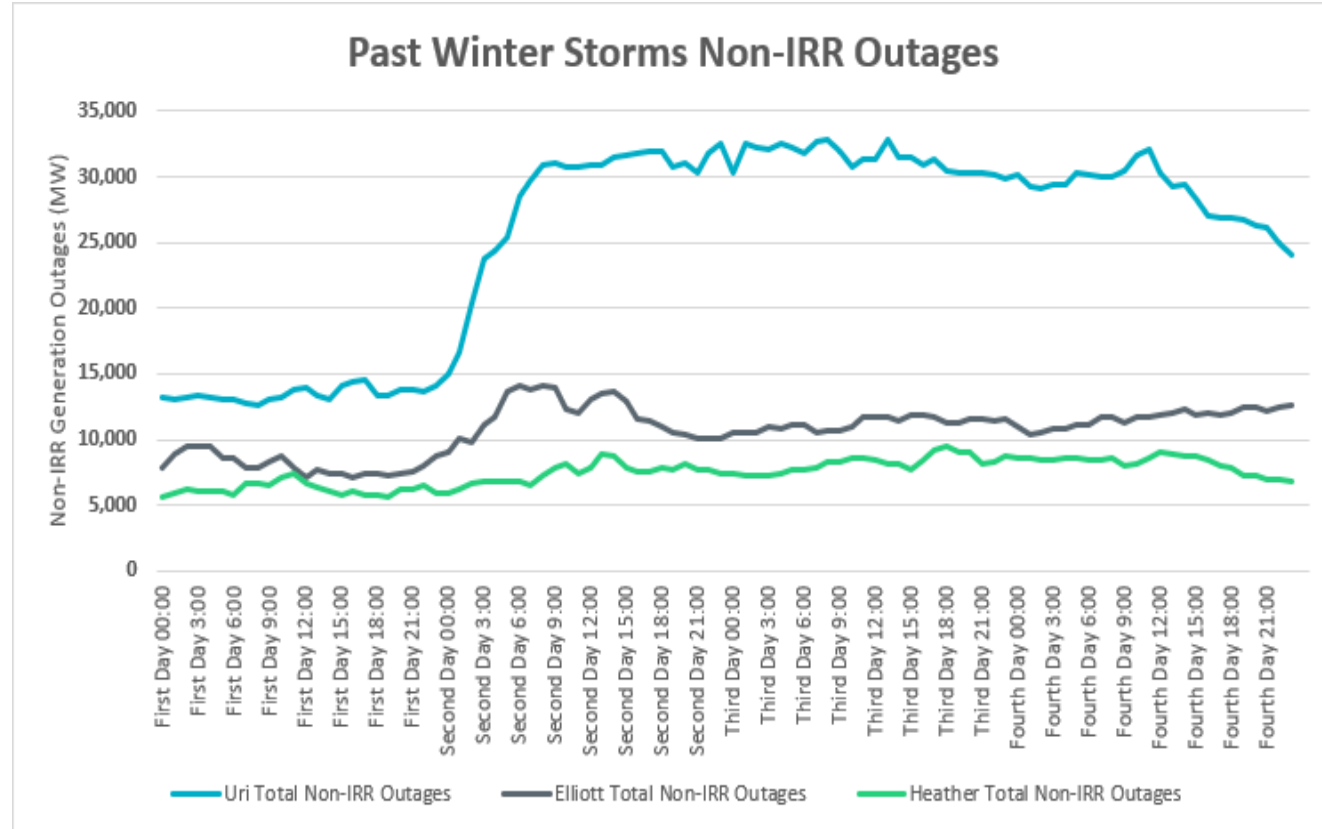
- Phase I of 16 TAC § 25.55, adopted on October 19, 2021.
- Phase II adopted on September 29, 2022, adding summer standards.
- Beginning in 2023
 - Weather zone-specific cold and hot conditions at which MPs must implement measures reasonably expected to ensure sustained operation.
 - List of all cold- and hot-weather-critical components.
- This winter season will be our fourth with a PUCT rule in place.

Inspections	Resources	TSP Facilities	Total
Winter '21-'22	302	22	324
Winter '22-'23	634	140	774
Summer '23	208	342	550
Winter '23-'24	340	129	469
Summer '24	417	358	775
Total to Date	1901	991	2892

Our Collective Efforts are Producing Results



Key Takeaway: Winter Storm Heather was the third coldest, and second most long lasting of the significant winter storms shown here.



Key Takeaway: Non-IRR outages during WS Heather (Jan 2024) remained lower than WS Elliott (Dec 2022) and WS Uri (Feb 2021).

On-going Collaboration

- Continued diligence in understanding and complying with rule provisions and seeking to apply best practices will deliver high reliability when it is needed most.
- New Resource Entities & TSPs will benefit by focusing on compliance from the start.
- The Commission does not hesitate to open enforcement investigations. These can and do result in administrative penalties.

- Logistical Items
 - Please set AR & BAR spam filters to allow email from ercot@servicenowservices.com and assure timely responses to Notices of Inspections (NOI) and keep your AR/BAR registrations current.
 - Please submit Declarations of Weather Preparedness (DoWP) on the portal between 11/1 & 12/1/24.
 - Take advantage of the [recorded training](#) and the [Market Participant Portal User Guide](#) for interactions on the ERCOT Weatherization and Inspection Portal.
 - We have retired previously used specific-use email accounts, as well as the use of DocuSign, with that functionality now residing on the portal.

Other Helpful Suggestions

- When you submit a DoWP with the notarized signature of your highest ranking official, that person has attested to the accuracy and veracity of the document package.
- The design basis cold temperature and wind speed in Appendix A are facility specific. These values should be thermal design criteria and not include wind speeds associated with structural design.
- Ideally, multiple people from each Market Participant should be credentialed and trained to use the portal.
- Weatherization support cases can be used for questions and to request help.
- On inspection day, be prepared and have personnel who can explain site practices as well as answer questions present.
- If you have a simple compliance deficiency, it is to your advantage to remedy it quickly.
- ERCOT Weatherization and Inspection staff will support your compliance efforts.

Comments on Reasonable Expectation of Sustained Operation

- Each Resource or substation/switchyard is now required to meet 16 TAC 25.55(c)(1)(B) or (f)(1)(b) which establish weather zone-specific wind chill levels.
- Any additional preparation measures that could reasonably be expected to ensure sustained operations at these conditions must be implemented.

Winter Requirement



Weather Zone	95 th Percentile Minimum Average 72-Hour Wind Chill	99 th Percentile Minimum Average 72-Hour Wind Chill
North	-5.0°	-10.5°
North Central	-0.5°	-5.1°
West	0.3°	-7.6°
Far West	1.3°	-5.2°
East	4.4°	-0.7°
Coast	18.1°	4.1°
South Central	8.4°	3.8°
Southern	16.3°	11.7°
Valley	20.0°	16.9°
Panhandle	-17.6°	-19.6°

Table 72: Historical Minimum 72-Hour Average Wind Chill Data

- If a failure to sustain operations occurs at conditions less severe than those on the chart, the expectation is that MPs will determine the cause and remedy it as soon as practicable.
- Without a remedy in place, it is difficult to assert that one reasonably expect to ensure operations going forward.

Moving Forward Together

- Continued diligence in complying with rule provisions and seeking to apply best practices will allow us to deliver high levels of reliability for Texas when most needed.
- The **ERCOT Weatherization & Inspection Market Participant Portal** will be available to MPs on November 1, 2024 for submission of DoWPs.
- Please assure that roles are added to the digital certificates of appropriate personnel by your company's User Security Administrator (USA).
 - SN_M_W_MGR_ECEII for managers with authority to submit
 - SN_M_W_VIEW_ECEII for employees with read-only privileges
 - **Do not select both** as the more restrictive read-only will govern
- Best Practices, user guide, and many other documents are available on [Winter Weather Readiness \(ercot.com\)](https://ercot.com/winter-weather-readiness)
- Thank you in advance for your excellent service in preparing the grid to withstand weather emergencies!