



Webpage Updates and Compliance Reminders

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Webpage Updates & Compliance Reminders



**Webpage Updates:
Summer Weather Readiness**



**Compliance Reminders:
Summer 2025 Declaration
Of Weather Preparedness**

Summer Weather Readiness Webpage – New Location

<https://www.ercot.com> – Grid Information – Resiliency

The screenshot shows the ERCOT website's navigation menu with 'Grid Information' selected. A yellow arrow points to the 'Resiliency' sub-menu, which includes 'Winter Weather Readiness', 'Summer Weather Readiness', and 'Gas-Electric Coordination'. The main content area features a banner with the text 'We manage the flow of Texas' and three statistics: 90% of Texas power load, 1,250+ power generation units, and 54,100+ miles of transmission lines managed and monitored. Below the banner are three data visualization panels: 'Supply and Demand' (line chart), 'Grid Conditions' (gauge chart), and 'Combined Wind and Solar' (line chart).

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About ERCOT Services Committees and Groups Market Rules Market Information **Grid Information** Market Participants

We manage the flow of Texas

90% of Texas power load

1,250+ power generation units

54,100+ miles of transmission lines managed and monitored

Current System Conditions

- Generation
 - Inverter Based Resources
 - Integration Reports
- Load
 - Hourly Load Data Archives
 - Supplemental Data for COVID-19 Scenario
 - Load Forecast

Transmission

- Production Load Schedule

Resource Adequacy

- Market Reports

Planning

Resiliency

- Winter Weather Readiness
- Summer Weather Readiness
- Gas-Electric Coordination

Supply and Demand

Last Updated: Mar 26, 2025 14:35 CT

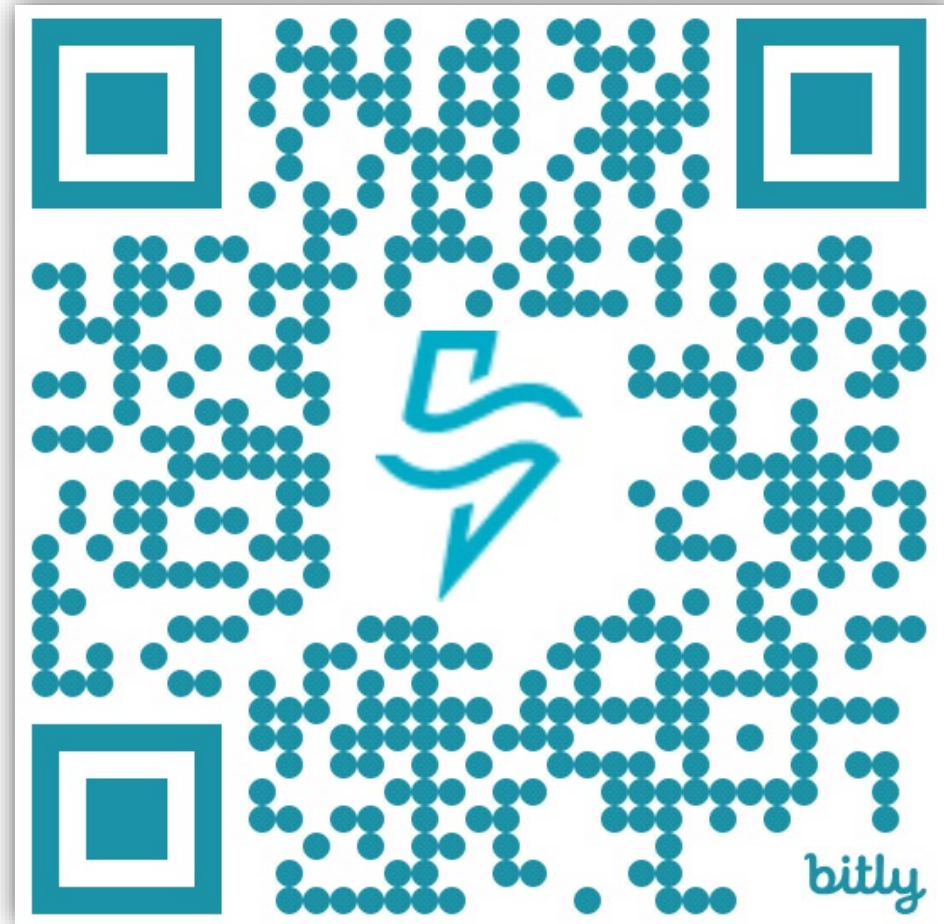
Grid Conditions

Last Updated: Mar 26, 2025 14:38 CT

Combined Wind and Solar

Last Updated: Mar 26, 2025 13:55 CT

Summer Weather Readiness Webpage



<https://www.ercot.com/gridinfo/resiliency/summerready>

Summer Weather Readiness Webpage – New Sections

The screenshot shows the ERCOT website's Summer Weather Readiness page. The page features a navigation menu at the top with links for About ERCOT, Services, Committees and Groups, Market Rules, Market Information, Grid Information, and Market Participants. Below the navigation is a breadcrumb trail: Home > Grid Information > Resiliency > Summer Weather Readiness. The main heading is "Summer Weather Readiness" with a subtext: "This page provides information on Summer Weather Readiness efforts. ERCOT will periodically add pertinent material." Under the heading is a "Key Documents" section. The documents listed are: "+ Summer Inspection Checklists" (highlighted with a yellow box and a yellow arrow labeled "NEW"), "- Best Practices and Lessons Learned", "+ Hot Weather Critical Components (HWCC)" (highlighted with a yellow box and a yellow arrow labeled "New"), "+ Summer 2024 Best Practices", "+ Weatherization & Inspection Market Participant Portal Training", "+ Templates for Declaration of Summer Weather Preparedness - GE and TSP", "+ Summer 2025" (highlighted with a yellow box and a yellow arrow labeled "New"), and an "Archive" section with "+ Summer 2024" and "+ Summer 2023".

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About ERCOT Services Committees and Groups Market Rules Market Information Grid Information Market Participants

Home > Grid Information > Resiliency > Summer Weather Readiness

Summer Weather Readiness

This page provides information on Summer Weather Readiness efforts. ERCOT will periodically add pertinent material.

Key Documents

- + Summer Inspection Checklists ← NEW
- Best Practices and Lessons Learned
- + Hot Weather Critical Components (HWCC) ← New
- + Summer 2024 Best Practices
- + Weatherization & Inspection Market Participant Portal Training
- + Templates for Declaration of Summer Weather Preparedness - GE and TSP
- + Summer 2025 ← New

Archive

- + Summer 2024
- + Summer 2023

NEW: Summer RE and TSP Inspection Checklists

Generation Entity Summer Inspection Checklist

Public Utility Commission of Texas (PUCT) Weather Emergency Preparedness 16 Texas Administrative Code (TAC) §25.55	Yes	No	N/A
1.) 16 TAC §25.55(c)(2)(A)(i)			
By June 1, records it identified regulatory and legal limitations of: Cooling capacity			
By June 1, records it identified regulatory and legal limitations of: Water withdrawal			
By June 1, records it identified regulatory and legal limitations of: Maximum discharge temperatures			
By June 1, records it identified regulatory and legal limitations of: Rights for additional water supply			
2.) 16 TAC §25.55(c)(2)(A)(ii) Part 1			
By June 1, records it arranged and planned for provision and storage of adequate water supplies for: Cooling towers			
By June 1, records it arranged and planned for provision and storage of adequate water supplies for: Reservoirs			
By June 1, records it arranged and planned for provision and storage of adequate water supplies for: Heat exchangers			
3.) 16 TAC §25.55(c)(2)(A)(ii) Part 2			
By June 1, records of adequate cooling capacity of the water supplies used in: Cooling towers			
By June 1, records of adequate cooling capacity of the water supplies used in: Reservoirs			
By June 1, records of adequate cooling capacity of the water supplies used in: Heat exchangers			
4.) 16 TAC §25.55(c)(2)(A)(iii)			
By June 1, to remove heat and moisture from all hot weather critical components (HWCC), as applicable, are there records of arranging and planning for: Provision of adequate equipment			
By June 1, to remove heat and moisture from all HWCC, as applicable, are there records of arranging and planning for: Storage of adequate equipment			
By June 1, to remove heat and moisture from all HWCC, as applicable, are there records of arranging and planning for: Safekeeping of adequate equipment			
5.) 16 TAC §25.55(c)(2)(A)(iv)			
By June 1, records of arranging and providing for the availability of sufficient: Chemicals (e.g. biocides, coagulants, etc.)			
By June 1, records of arranging and providing for the availability of sufficient: Coolants (e.g. glycol, hydrogen, transformer oils, etc.)			
By June 1, records of arranging and providing for the availability of sufficient: Auxiliary fuels (e.g. diesel, propane, offsite NG storage, etc.)			
By June 1, records of arranging and providing for the availability of sufficient: Other materials for sustained operation during a summer weather emergency			
6.) 16 TAC §25.55(c)(2)(A)(v) Part 1			
By June 1, records of maintaining: HWCC			
By June 1, records of maintaining: Air flow or cooling systems (e.g., condensers, cooling towers, heat exchangers, pumps, etc.)			

Generation Entity Summer Inspection Checklist

By June 1, records of maintaining: Heating, ventilation, and air conditioning (HVAC) for rooms/cabinets with HWCC			
7.) 16 TAC §25.55(c)(2)(A)(v) Part 2			
By June 1, records of verifying: functionality of all HWCC			
Records of verifying: functionality of all HWCC each month during the summer inspection season			
8.) 16 TAC §25.55(c)(2)(A)(vi)			
By June 1, entity can demonstrate it monitors HWCC			
Records entity has monitored all HWCC			
9.) 16 TAC §25.55(c)(2)(B) Part 1			
By June 1, records of implementing additional measures reasonably expected to ensure sustained operation at maximum ambient temperature resource has experienced sustained operations			
10.) 16 TAC §25.55(c)(2)(B) Part 2 (only if part 1 not used)			
By June 1, records of implementing additional measures reasonably expected to ensure sustained operation at the temperature in ERCOT's historical weather study			
11.) 16 TAC §25.55(c)(2)(C)			
By June 1, records of reviewing adequacy of staffing plans for a summer weather emergency			
By June 1, if appropriate, revised staffing plans			
12.) 16 TAC §25.55(c)(2)(D)			
By June 1, records of training personnel on summer weather preparations and operations			
13.) 16 TAC §25.55(c)(2)(E)			
By June 1, list of all hot weather critical components (HWCC)			
Process to review list at least annually by June 1			
Process to update list as necessary			
14.) 16 TAC §25.55(c)(2)(A)			
Does the GE have records it implemented weather emergency preparation measures that could reasonably be expected to ensure the sustained operation of all HWCC during summer weather conditions using either personnel or automated systems where appropriate?			
15.) 16 TAC §25.55(d)(2)(B)(i)			
If the GE has not complied with any part of 25.55(c)(2), confer with the GE on a cure period to address identified deficiencies and document accordingly. The weatherization team will discuss the factors, determine an appropriate cure period, and inform the GE of the cure period.			

https://www.ercot.com/files/docs/2025/04/07/GE_Summer-Inspection-Checklist.pdf

NEW: Sample Hot Weather Critical Component (HWCC) Lists

Sample Hot Weather Critical Component (HWCC) Lists

The ERCOT Weatherization & Inspection team provides these lists as samples of potential hot weather critical components for various types of power generation and transmission facilities. The lists are not intended to be exhaustive nor mandatory but rather represent devices, equipment, components, and systems that ERCOT believes meet the definition of "weather critical component" in 16 TAC §25.55(b)(11) ("any component of a resource or transmission facility that is susceptible to fail as a result of a weather emergency, the occurrence of which failure is like to significantly hinder the ability of the resource or transmission facility to function as intended . . .")

In accordance with 16 TAC §25.55(c)(2)(E) and 16 TAC §25.55(f)(2)(E), generation entities and Transmission Service Providers (TSPs) must create a list of hot weather critical components, review it annually prior to the beginning of the summer season, and update it as necessary.

Nuclear, Coal, and Natural Gas Fired Generators with Steam Cycles	Gas Turbines Without Steam Cycles	Reciprocating Engines	Hydroelectric Facilities	Intermittent Renewable Resources	Transmission Service Provider (TSP)
Generator step-up, auxiliary, and standby transformers	Generator step-up, auxiliary, and standby transformers	Generator step-up, auxiliary, and standby transformers	Generator step-up, auxiliary, and standby transformers	Generator step-up, auxiliary, and standby transformers	Autotransformers and other transformers
Continuous emissions monitoring and emissions control systems	Continuous emissions monitoring and emissions control systems	Continuous emissions monitoring and emissions control systems	Water management systems	Switchgear	Relay protection systems (thermal trip relays)
Excitation systems (voltage regulators)	Switchgear	Knock sensing line, sim(s)	Battery systems	Inverters	Transmission voltage circuit breaker mechanisms
SF6 breakers (controlled by Resource)	SF6 breakers (controlled by Resource)	SF6 breakers (controlled by Resource)	SF6 breakers (controlled by Resource)	SF6 breakers (controlled by Resource)	SF6 breakers
Heating, ventilation, and air conditioning (HVAC) systems	Heating, ventilation, and air conditioning (HVAC) systems	Heating, ventilation, and air conditioning (HVAC) systems	Heating, ventilation, and air conditioning (HVAC) systems	Heating, ventilation, and air conditioning (HVAC) systems	Heating, ventilation, and air conditioning (HVAC) systems
Main and auxiliary cooling towers	Instrument air systems	Starting air compressors	Air circulation fans	Solar panel tracking systems	Diesel/propane backup generator systems
Variable frequency drive climate control	Deminerlizer systems	Instrument air systems	Cooling water strainers and pumps	Main gear box and coolant tank	Gas-insulated switchgear (GIS) cooling systems
Lube oil systems	Fin fan and other coolers	Variable frequency drive systems	Lube oil systems	Backup power	Station batteries
Chiller systems	Turbine inlet air cooling systems	Cylinder head cooling systems	Penstock air vents and surge tanks		
Stator cooling systems	Air filtration systems	Crankcase ventilation system	Excitation systems (voltage regulators)	Battery and control container	
Air handling units (AHUs)	Fuel gas conditioning systems	Excitation systems (voltage regulators)		Yaw drive motor cooling systems	
Combustion air and other fans	Lubrication oil coolers	Radiator cooling fans and heat exchangers		Wind turbine blade pitch control systems	
Service water system	Excitation systems (voltage regulators)	Turbocharger and intercooler systems		Photovoltaic panel junction boxes	
Condensate system				Down tower assembly fan	
Feed, circulating, and seal water systems				DC cabling and connectors	
Hydrogen coolers				Hydraulic and lube oil systems	
Flow transmitters				Uninterruptable power supply systems	
Switchgear					
Deminerlizer systems					
Instrument air systems					
Cooling water intake screens & pumps					
Steam turbine condensers					
Air-cooled condensers					
Control systems					
Boiler feedwater pumps					
Condenser & cooling water systems					
Critical buildings and rooms (i.e., reactor containment, mechanical electrical aux, electrical aux, control rooms, relay rooms, etc.)					

https://www.ercot.com/files/docs/2025/03/19/HWCC_Sample-List_03.13.2025.pdf



Summer Weather Readiness Webpage – Updated Documents

— Weatherization & Inspection Market Participant Portal Training

- [ERCOT W&I Market Participant Portal Training Slides](#)
- [W&I Market Participant Training on New System for Submitting Declarations of Weather Preparedness - Recording](#)
- [Training Sessions Q&A](#)
- [Weatherization & Inspection Market Participant Portal User Guide](#)

[Weatherization & Inspection Market Participant User Guide](#)

[Instructions for New Resources Submitting a Declaration of Weather Preparedness for Part 3 of the ERCOT Commissioning Process](#)

— Templates for Declaration of Summer Weather Preparedness - GE and TSP

- [Summer Generation Entity Declaration \(Version 1\)](#)
To be used during May 1-June 1 submission window (for use with the Appendix A form in the portal)
- [Summer Generation Entity Declaration \(Version 2\)](#)
To be used during the summer inspection season with a weatherization support case (for use with an attached Appendix A in .xlsx format)
- [Summer Transmission Service Provider Declaration](#)
To be used during May 1-June 1 submission window (for use with the Appendix A form in the portal)
- [Summer Appendix A TSP \(Template\)](#)
- [Summer Appendix A RE \(Template\)](#)
- [Weatherization Presentation for Resource Integration](#)
- [Instructions for New Resources Submitting a Declaration of Weather Preparedness for Part 3 of the ERCOT Commissioning Process](#)

Reminder – Declaration of Weather Preparedness (DoWP)



Summer 2025 DoWP
Submission Window:
May 1-June 1, 2025

Submission Deadline:
Monday, June 2, 2025
at 12:59 p.m. CDT

“The period shall conclude on the last day of the designated period unless that day is a day the commission is not open for business, in which event the designated period runs until the end of the next day on which the commission is open for business.”

Reminder – Knowledge Base Articles

Knowledge Base

Knowledge Base My Lists Completed Submissions Work Orders

ERCOT Weatherization & Inspection Market Participant Portal

Search

Knowledge Base
Browse, search, and rate articles.

Submissions & Requests
Contact support to make a request, or report a problem.

My Lists
Access my lists to stay up to date on submissions and activity.

Cases
No records found

Tasks
No records found

Most Useful Articles

- Can we modify Appendix A or the supplement to Attachment K?
KB0012351 v1.0 • 1 View • 11mo ago • ★★★★★
- Weatherization personnel training
KB0012366 v1.0 • 0 Views • 11mo ago • ★★★★★

Announcements

Provides answers to many frequently asked weatherization and inspection questions and links to important documents.

Reminder – Appendix A



Complete all required fields on the Appendix A form

Required fields:

- ‘Generation Resource’ or ‘Substation/Switchyard’ and ‘Substation/Switchyard Description’
- ‘Maximum Ambient Temperature (°F)’ at which the Resource/TSP facility has sustained operations
- ‘Summary of Activities to Complete the Requirements of 16 TAC §25.55(c)(2) and (f)(2)’
 - It is acceptable to leave a note in the field, “Refer to attachment 3 titled, Summary of Activities”

Use the ‘Comments’ field to leave notes

- i.e., “Resource not declared because it is in outage until August 2025.”
- i.e., “‘Maximum Ambient Temperature’ field left blank because Resource is newly commissioned and has not operated through a summer season.”

Use the Appendix A ‘Submit’ button to save the form as a draft

Reminder – Declaration of Weather Preparedness



How to revise a submitted declaration

- Submit a weatherization support request (wSUP) through the Weatherization & Inspection Market Participant Portal
 - In most cases, the original DoWP will be cancelled to enable revisions and resubmittal of the complete declaration package.

New Resources completing part 3 of the commissioning process

- It is not required to declare a Resource that is not fully commissioned.
 - However, if summer weather preparations are complete, a Resource that is not fully commissioned may be declared.
 - To declare a Resource, leave the Appendix A field, 'If a Resource is not covered by this declaration, please indicate the reason below,' blank.

Contact W&I by submitting a Weatherization Support Request (wSUP)

Reminder – Weatherization Support Request (wSUP)

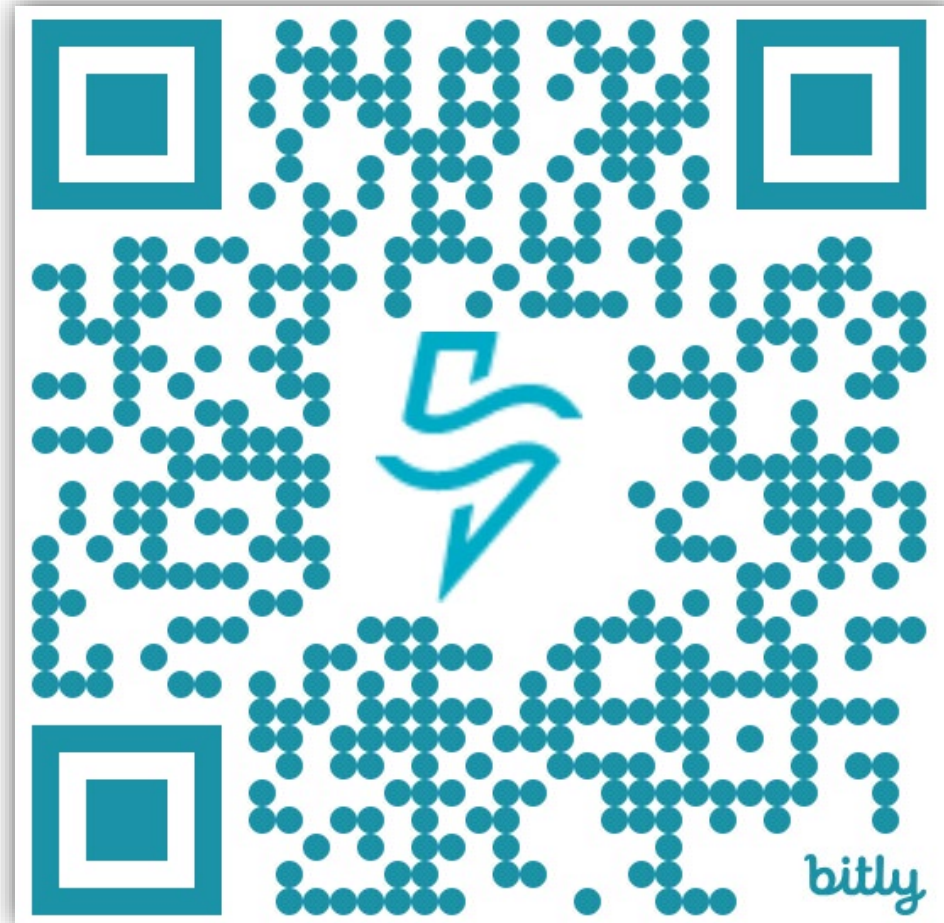
The screenshot shows the ERCOT Weatherization & Inspection Market Participant Portal. At the top right, there are navigation links: Knowledge Base, My Lists, Completed Submissions (highlighted with a yellow box), and Work Orders. The main header features the title "ERCOT Weatherization & Inspection Market Participant Portal" and a search bar. Below the header, there are three main sections: "Knowledge Base" (Browse, search, and rate articles.), "Submissions & Requests" (Contact support to make a request, or report a problem., highlighted with a yellow box), and "My Lists" (Access my lists to stay up to date on submissions and activity.). The bottom section contains three columns: "Cases" (No records found), "Tasks" (No records found), and "Most Useful Articles" (listing articles like "Can we modify Appendix A or the supplement to Attachment K?" and "Weatherization personnel training"). There is also an "Announcements" section.

Confirm DoWP submission

Submit a weatherization support request (wSUP)

Questions?

Summer Weather Readiness Webpage



<https://www.ercot.com/gridinfo/resiliency/summerready>