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Generation Entity and Transmission Service Provider Winter Inspection Checklists

Weatherization and Inspection Team

October 22, 2026

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Matt Holland

Weatherization Inspection, Supervisor

- Joined ERCOT in March 2026
- Supervisor, Weatherization and Inspections
- Prior to ERCOT- 29 years in the Transmission
- Transmission Line and Substation Maintenance
- Education/Experience:
  - Associates degree in Diesel Mechanics
  - U.S. Army 8 years - Gulf War Veteran



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Weatherization & Inspection Org Chart



David Kezell
Director, Weatherization Inspection



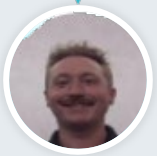
Matt Holland
Supervisor, Weatherization Inspection



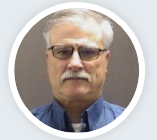
Sheri Messer
Weatherization Program Analyst 3



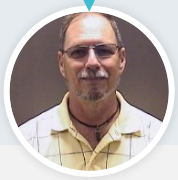
Godswill Peter
Weatherization Program Analyst



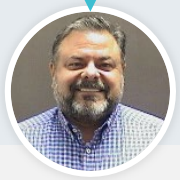
Cyle Lublin
Weatherization Field Analyst, Lead



Kevin Harris
Supervisor, Weatherization Inspection



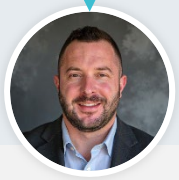
Dennis Horton
CWI



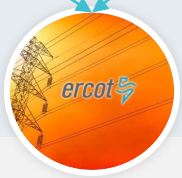
Audie Proctor
CWI



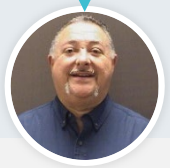
Neil Quast
CWI



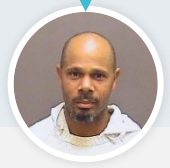
Chris Thomas
CWI - IT



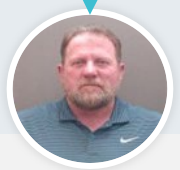
Professional Service Staff



Albert Cantu
CWI



Jake Jacobs
CWI



Todd Mullen
CWI-IT

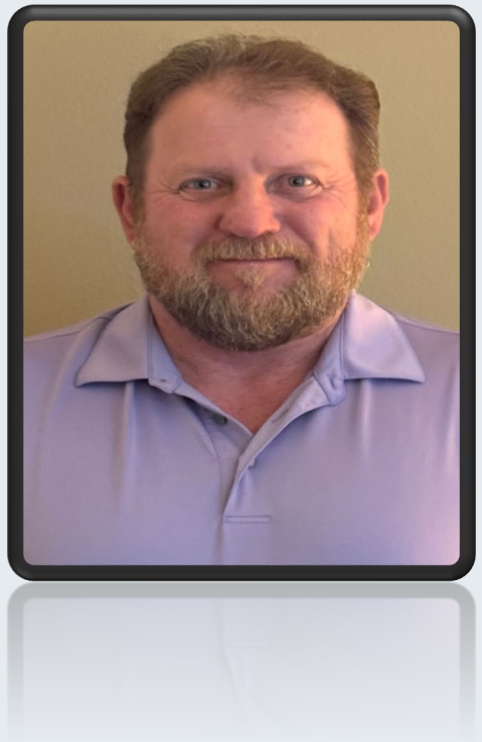
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Todd Mullen

Weatherization Inspector, Lead

- Joined ERCOT in September 2026
- Located out of the Coastal Weather Zone
- Prior to ERCOT:
  - 13 years in the Transmission Substation Maintenance
  - 5 years Wind Power Generation technician
  - 13 years Telecommunications line construction
- Veteran United States Air Force
  - Avionics technician



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Godswill Peter

Program Analyst II

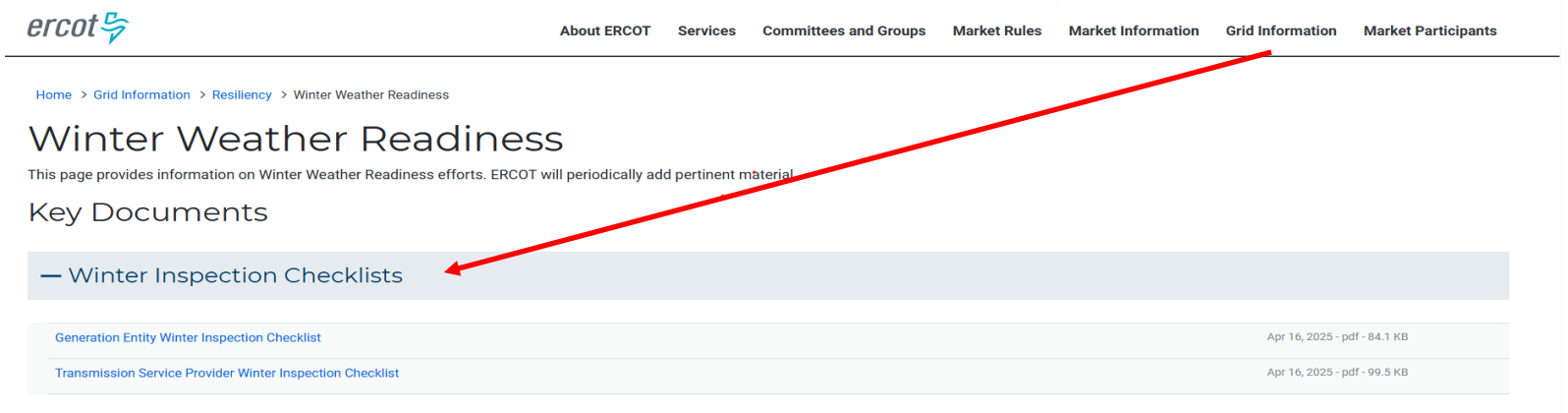
- Joined ERCOT in November 2023
- Located out of College Station, Texas
- Pre-ERCOT Experiences:
  - 2 Years as a project development Analyst in the Renewable Energy Industry
  - 1 year in the Telecom Industry as a Project Planner/Analyst
- Education:
  - Bachelor of Engineering in Civil and Geophysical Engineering
  - Master of Science and Engineering in Renewable Energy



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Introduction

Winter Weatherization Checklist developed in accordance with PUCT 16 TAC §25.55 Weather Emergency Preparedness; predominantly per subsection (c)(1) and (f)(1).



- ERCOT maintains schedule confidentiality, access limited to ERCOT and PUCT
- Inspection scheduling period: December 2, 2026, to February 26, 2027
- Inspection exclusions:
  - Christmas Eve Thur. (12/24/26)
  - Christmas Day Fri. (12/25/26)
  - New Years Day Fri. (01/01/2027)
  - Martin Luther King Day Mon. (01/18/2027)

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Audie Proctor

Weatherization Inspector, Lead

- Joined ERCOT in October 2022
- Located out of the North Weather Zone
- Prior to ERCOT, Worked in electrical generation for 24 years:
  - 10 years as a field operator
  - 9 years as a Control Room operator
  - 2 years as a Control Room supervisor
  - 3 years in Electrical Outage work control/planning
  - 8 years Building trades installing commercial and industrial insulation



Basic Requirements



- 16 TAC § 25.55 (c)(1) states:
  - By December 1 each year, a Generation Entity must complete the following winter weather emergency preparation measures for each resource under its control- 16 TAC § 25.55 (c)(1)(A), (B), (C), (D),(E)
  - A Generation Entity (GE) must maintain these measures throughout the winter season and complete any ongoing or monthly requirements at the appropriate time
  - If necessary to come into compliance, a generation entity must update its winter weather emergency preparation measures no later than one year after ERCOT files a historical weather study report under subsection (i) of this section

GE/TSP Checklist

The Rule:

16 TAC § 25.55 (c) (1) (E) **and** (f) (1) (E): Beginning in 2023, create a list of all cold weather critical components, review the list at least annually prior to the beginning of the winter season, and update the list, as necessary.

The Checklist:

- By December 1, a list of Cold Weather Critical Components (CWCC)
- Process to review list at least annually by December 1
- Process to update list as necessary

Yes	No	N/A
O	O	O
O	O	O
O	O	O

GE/TSP Checklist

The Rule:

16 TAC § 25.55 (c) (1) (C) **and** (f) (1) (C): Review the adequacy of staffing plans to be used during a winter weather emergency and revise the staffing plans, as appropriate.

16 TAC § 25.55 (c) (1) (D) **and** (f) (1) (D): Train relevant operational personnel on winter weather preparations and operations.

The Checklist:

- By December 1, records of reviewing adequacy of staffing plans for a winter weather emergency
- If appropriate, revised staffing plans
- By December 1, records of training personnel on winter weather preparations and operations

Yes	No	N/A
O	O	O
O	O	O
O	O	O

Any relevant personnel directly responsible for implementing, maintaining, or overseeing the weather preparations and operations measures, or taking action as part of the weather response in accordance with the provisions of 16 TAC §25.55 - Weather Emergency Preparedness."

GE/TSP Checklist

The Rule:

16 TAC § 25.55 (c) (1) (B) **and** (f) (1) (B):Beginning in 2023, implement weather emergency preparation measures by December 1 each year, in addition to the weather emergency preparation measures required by subparagraph (A) of this paragraph, that could reasonably be expected to ensure sustained operation of the resource and TSP's (transmission facilities) at the 95th percentile minimum average 72-hour wind chill temperature reported in ERCOT's historical weather study, required under subsection (i) of this section, for the weather zone in which the resource is located.

The Checklist:

Yes	No	N/A
O	O	O

- Records demonstrating that the GE's or TSP existing weather emergency preparation measures are adequate to meet (c)(1)(B) or (f)(1)(B). (Method of demonstration may be 1) a wind chill value calculated from the design basis cold temperature and the design basis wind speed, 2) historical operational data, or 3) other. If other, confer with W&I management after inspection.)

O	O	O

- (Second question only applies if answer to first question was "No") Records demonstrating GE or TSP implemented additional weather emergency preparation measures to meet (c)(1)(B) or (f)(1)(B).

Neil Quast

Weatherization Inspector, Lead

- Joined ERCOT in November of 2022
- Located out of the East Weather Region
- Prior to ERCOT, worked in Electrical Generation for 11 years:
  - 2 years Licensed Reactor Operator
  - 5 years field operator
  - 4 years Ops Training Instructor
- Veteran of the US Navy
  - 10 years as an operator and Electronics Technician



GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (i): Installation and maintenance of adequate wind breaks for resources susceptible to outages or derates caused by wind;

The Checklist:

	Yes	No	N/A
- By December 1, records of Installation and maintenance of adequate wind breaks for resources susceptible to outages or derates caused by wind	☐	☐	☐
- Records of maintenance of adequate wind breaks throughout the winter season and complete any ongoing or monthly requirements at the appropriate time	☐	☐	☐

GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (ii): Installation and maintenance of insulation and enclosures for all cold weather critical components;

The Checklist:

	Yes	No	N/A
- By December 1, records of Installation and maintenance of insulation and enclosures for all CWCC	☐	☐	☐
- Records of maintenance of insulation and enclosures for all CWCC throughout the winter season and complete any ongoing or monthly requirements at the appropriate time	☐	☐	☐

GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (iii): Inspection of existing thermal insulation and associated forms of water-proofing for damage or degradation, and repair of damaged or degraded insulation and associated forms of water-proofing

The Checklist:

- By December 1, records it has inspected and repaired existing thermal insulation and associated forms of water-proofing for damage or degradation for all CWCC

Yes	No	N/A
☐	☐	☐

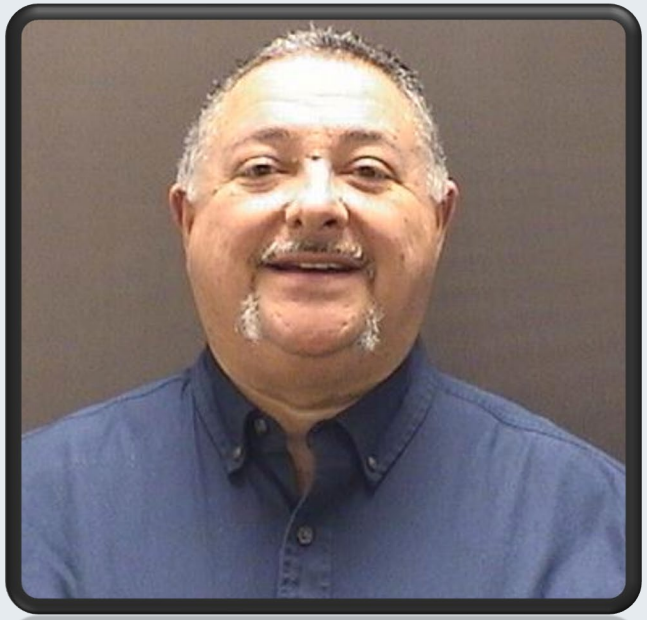
- Records of inspection and maintenance of existing thermal insulation and associated forms of water-proofing for damage or degradation for all CWCC throughout the winter season and complete any ongoing or monthly requirements

☐	☐	☐

Albert Cantu

Weatherization Inspector Sr.

- Joined ERCOT in March 2025
- Located out of Southern Weather Zone
- Pre-ERCOT Experiences:
  - 35 years in several key roles in the Transmission Industry
  - 5 years as an Electrician
- Education:
  - Master Electrician License, Texas Licensing Commission
  - Associate Degree in Electrical Trades, Texas Vocational School



TSP Basic Requirements



- 16 TAC § 25.55 (f)(1) states:
  - By December 1 each year, a TSP must complete the following winter weather preparation measures for its transmission facilities.
  - A TSP must maintain these measures throughout the winter season and complete any ongoing, monthly, or regular requirements at the appropriate time.
  - If necessary to come into compliance, a TSP must update its winter weather preparation measures no later than one year after ERCOT files a historical weather study report under subsection (i) of this section.

TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (i): Confirmation of the operability of all systems and subsystems containing all cold weather critical components;

The Checklist:

	Yes	No	N/A
- By December 1, records confirming the operability of all systems and subsystems containing all CWCC	☐	☐	☐
- Records confirming operability throughout the winter season and completion of any ongoing requirements at the appropriate time	☐	☐	☐

TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (ii): Confirmation that the sulfur hexafluoride gas in breakers and metering and other electrical equipment is at the correct pressure and temperature to operate safely during winter weather emergencies, and perform annual maintenance that tests sulfur hexafluoride breaker heaters and supporting circuitry to assure that they are functional

The Checklist:

	Yes	No	N/A
- By December 1, records confirming the sulfur hexafluoride (SF6) gas in breakers and metering and other electrical equipment is at the correct pressure and temperature	☐	☐	☐
- Records confirming the above equipment is at the correct pressure and temperature throughout the winter season	☐	☐	☐
- By December 1, records of performing annual maintenance that tests SF6 breaker heaters and supporting circuitry to assure that they are functional	☐	☐	☐

TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (iii) (I): Confirmation of the operability of power transformers and auto transformers in winter weather emergencies by:
Inspecting heaters in the control cabinets;

The Checklist:

	Yes	No	N/A
- By December 1, records to confirm the operability of power transformers and auto transformers in winter weather emergencies by: Inspecting heaters in the control cabinets;	O	O	O
- Records to confirm the operability of power transformers and auto transformers throughout the winter season by: Inspecting heaters in the control cabinets;	O	O	O

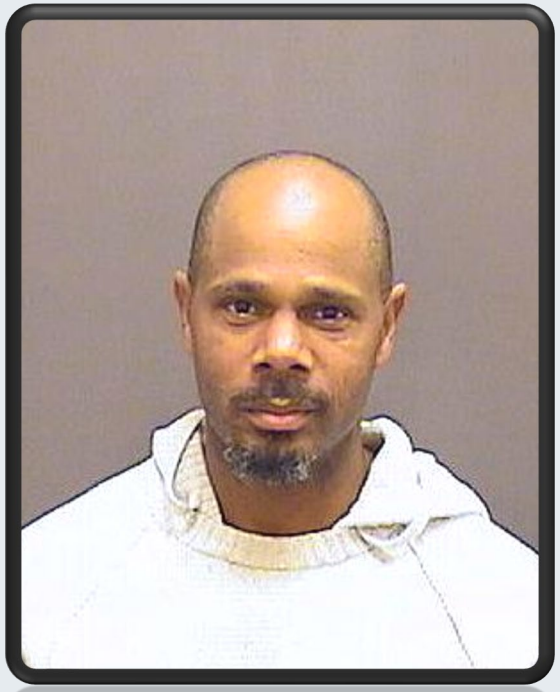
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Jake Jacobs

Weatherization Inspector, Lead

- Transitioned within ERCOT in November of 2022
- Located out of the South-Central Weather Zone
- Prior to Weatherization,
  - 12 years as a Market Analyst, helped implement Zonal to Nodal market, assisted in Black-Start testing
  - 10 years as an ERCOT System Operator, Real-Time, Day-Ahead, and Transmission Desks
- Prior to ERCOT, worked three years as a Substation Electrician, three years as a System Operator.
- Veteran of the US Marine Corps
  - 6 years as an aircraft avionics technician



TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (iii) (II): Confirmation of the operability of power transformers and auto transformers in winter weather emergencies by:

Verification that main tank oil levels are appropriate for actual oil temperature;

	Yes	No	N/A
The Checklist: - By December 1, records to confirm the operability of power transformers and auto transformers in winter weather emergencies by: Verification that main tank oil levels are appropriate for actual oil temperature;	☐	☐	☐
- Records to confirm the operability of power transformers and auto transformers throughout the winter season by: Verification that main tank oil levels are appropriate for actual oil temperature;	☐	☐	☐

TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (iii) (III): Confirmation of the operability of power transformers and auto transformers in winter weather emergencies by:

Inspecting bushing oil levels;

The Checklist:

	Yes	No	N/A
- By December 1, records to confirm the operability of power transformers and auto transformers in winter weather emergencies by: Inspecting bushing oil levels;	o	o	o
- Records to confirm the operability of power transformers and auto transformers throughout the winter season by: Inspecting bushing oil levels;	o	o	o

TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (iii) (IV): Confirmation of the operability of power transformers and auto transformers in winter weather emergencies by:

Inspecting the nitrogen pressure, if necessary;

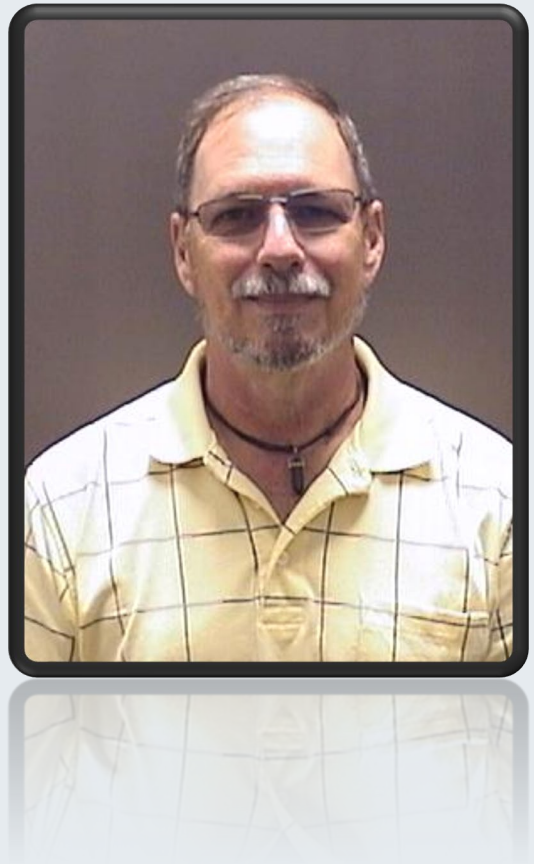
The Checklist:

	Yes	No	N/A
- By December 1, records to confirm the operability of power transformers and auto transformers in winter weather emergencies by: Inspecting the nitrogen pressure, if necessary;	O	O	O
- Records to confirm the operability of power transformers and auto transformers throughout the winter season by: Inspecting the nitrogen pressure, if necessary;	O	O	O

Dennis Horton

Weatherization Inspector, Lead

- Joined ERCOT in August of 2024
- Located out of the Lubbock area
- Pre-ERCOT Experiences:
  - Worked 20 years in electrical generation
  - 6 years as a Field Operator
  - 14 years as a Licensed Reactor Operator
- Veteran of the US Marine Corps
- 4 years Troop Leadership - Gulf War Veteran
- Far West Weather Region



TSP Checklist

The Rule:

16 TAC § 25.55 (f) (1) (A) (iii) (V): Confirmation of the operability of power transformers and auto transformers in winter weather emergencies by:

Verification of proper oil quality such that moisture and dissolved gases are within acceptable ranges for winter weather conditions;

The Checklist:

Yes	No	N/A
O	O	O

By December 1, records to confirm the operability of power transformers and auto transformers in winter weather emergencies by:

Verification of proper oil quality such that moisture **and** dissolved gases are within acceptable ranges for winter weather conditions;

GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (iv): Arrange and provide for the availability and appropriate safekeeping of sufficient chemicals, auxiliary fuels, and other materials necessary for sustained operations during a winter weather emergency;

The Checklist:

- By December 1, records of arranging and providing for the availability and appropriate safekeeping of:
  - Sufficient chemicals
  - Auxiliary fuels
  - other materials

- Records of arranging and providing for the availability and appropriate safekeeping of such materials necessary for sustained operations during a winter weather emergency throughout the winter season and complete any ongoing or monthly requirements

Yes	No	N/A
O	O	O
O	O	O
O	O	O
O	O	O

GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (v): Plan for and maintain the operability of instrument air moisture prevention systems;

The Checklist:

	Yes	No	N/A
- By December 1, records of monitoring, planning and maintenance of the operability of instrument air (IA) moisture prevention systems	O	O	O
- Records of monitoring, planning and maintenance of IA moisture prevention system throughout the winter season and complete any ongoing or monthly requirements	O	O	O

Chris Thomas

Weatherization Inspector Sr.

- Joined ERCOT in January 2026
- Located out of the North Central Weather Zone
- Pre-ERCOT Experiences:
  - 12 years in Power Generation Industry (Thermal)
  - 8 years NDT
- Education:
  - Associate Degree in Robotics, Texas State Technical College



GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (vi): Maintenance of freeze protection equipment for all cold weather critical components, including fuel delivery systems controlled by the generation entity, and testing or verifying the functionality of freeze protection equipment prior to and on a monthly basis during the winter season;

The Checklist:

Yes	No	N/A

- By December 1, Records of maintaining freeze protection equipment for:
  - All CWCC
  - Fuel delivery systems controlled by the GE

O	O	O
O	O	O

- Records of testing and verifying functionality of freeze protection equipment
  - By December 1
  - Monthly during the winter season

O	O	O
O	O	O

GE Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) (vii): Monitoring of all cold weather critical components, including circuitry that provides freeze protection or prevents instrument air moisture;

The Checklist:

– By December 1, Records of Monitoring:

- All CWCC
- Circuitry that provides freeze protection
- Prevents IA moisture

Yes	No	N/A
O	O	O
O	O	O
O	O	O

GE/TSP Checklist

The Rule:

16 TAC § 25.55 (c) (1) (A) **and** (f) (1) (A): Implement weather emergency preparation measures that could reasonably be expected to ensure the sustained operation of all cold weather critical components during winter weather conditions. Where appropriate, such measures may be implemented using either personnel or automated systems. Such measures include, as appropriate for the resource:

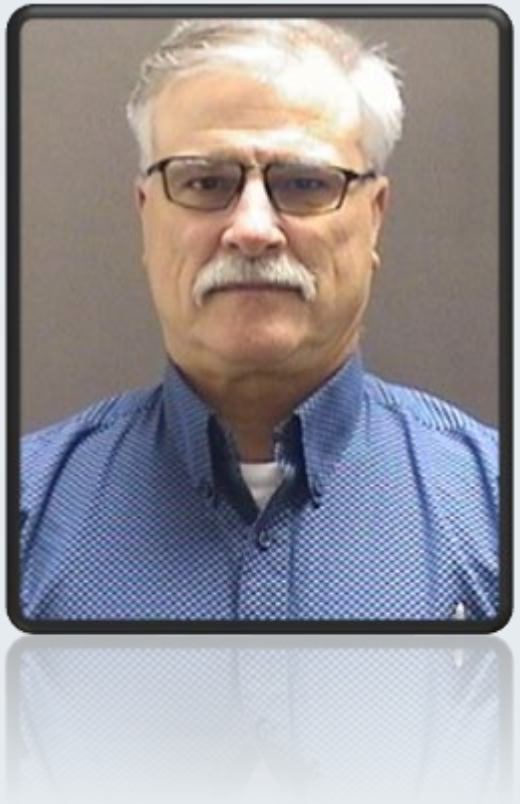
The Checklist:

	Yes	No
- Does the GE or TSP have records it implemented weather emergency preparation measures that could reasonably be expected to ensure the sustained operation of all CWCC during winter weather conditions using either personnel or automated systems where appropriate?	O	O

Kevin Harris

Weatherization Inspection, Supervisor

- Joined ERCOT in November 2022
- Worked in Operations/Generation for 31 years:
  - 22 years as a Field Operator
  - 7 years as a Control Room Operator
  - 2 years as a Work Week Coordinator
- South, South Central, Coastal Regions
  - Located out of Bay City, Texas



GE/TSP Checklist

The Rule:

16 TAC § 25.55 (d) (2) (B) (i) **and** (g) (2) (B) (i): The cure period determined by ERCOT must consider what weather emergency preparation measures the generation entity or TSP may be reasonably expected to have taken before ERCOT's inspection, the reliability risk of the resource's or TSP's noncompliance, and the complexity of the measures needed to cure the deficiency.

The Checklist:

– If the GE or TSP has not complied with any part of 25.55(c)(1) or (f)(1), confer with the GE or TSP 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.

Yes	No
O	O

Best Inspection Preparation Practices



- Effective communication and collaboration between the Market Participant's personnel and the Weatherization Inspection Team will support successful completion of winter inspections.
- Creating and maintaining systematic and logical records of items relevant to PUCT 16 TAC § 25.55 Weather Emergency Preparedness regulations will facilitate the inspection process.
- Utilize the messaging system in the inspection Work Order (WO) or Weatherization Support Request (WSUP) process for any issues you may encounter.
- Ensure specificity of records regarding resources.
- Provide well-organized records to the Inspector or Inspection Team for a seamless winter weatherization inspection process.

Thank you!
Questions/comments?

Weatherization Inspection Team

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