

## Winter Weather Readiness Report for Transmission Service Provider

**This Winter Weather Readiness Report (WWR) form is provided by ERCOT to facilitate compliance with 16 Tex. Admin. Code (TAC) § 25.55(f)(2).**

Winter Peak Load Season: December 2021 through February 2022

This report applies to the transmission system and facilities of:

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### DocuSign Instructions

- Responses in this document can only be provided by one person.
- The document can be forwarded or “Assigned to Someone Else” via the “Other Actions” menu at the top of the DocuSign web page.
- Fill out the WWR form, selecting responses, adding comments in text boxes and attaching documents as appropriate.
- A notarized Sworn Attestation must be attached at the bottom of this page prior to submittal of this WWR back to ERCOT. Steps to accomplish this are as follows:
  - Download and print the Sworn Attestation page,
  - Sign and notarize the Sworn Attestation page,
  - Scan, and
  - Attach the scanned copy of the Sworn Attestation page.
- For more detailed instructions and answers to frequently asked questions visit <http://www.ercot.com/gridinfo/generation/winterready>
- Please contact your ERCOT Account Manager with any additional questions.

Submitter signature: *[DocuSign Input Box]*

Submitter name: *[DocuSign Input Box]*

Submitter title: *[DocuSign Input Box]*

Name of highest-ranking representative, official, or officer with binding authority:

*[DocuSign Input Box]*

Title of highest-ranking representative, official, or officer with binding authority:

*[DocuSign Input Box]*

Notarized attestation attachment: *[DocuSign Attachment Box]*

Date: *[DocuSign Auto Populated]*

## Winter Weather Readiness Report for Transmission Service Provider

Below, ERCOT has separately identified each of the winter weather emergency preparation measures required by 16 Tex. Admin. Code (TAC) § 25.55(f)(1). For each item, please answer each of the questions or instructions that follow. Descriptions of activities undertaken to comply with each requirement should include a detailed narrative of all relevant activities and should provide specific references (i.e., by page number and/or section) to any documents or other information needed to substantiate the information in the narrative. Documents, photographs, and other information relevant to a response may be attached as separate files. For the purposes of this form, all references to “the Transmission Service Provider” or “the TSP” should be understood to refer to the Transmission Service Provider identified above, and all references to “transmission system and facilities” should be understood to refer to the transmission system and facilities of the TSP. Whether or not explicitly stated, each question or instruction should be understood to apply to all of the transmission system and facilities owned by the TSP identified above. When a given question or instruction does not apply to the TSP’s facilities, the TSP should select “N/A” and must provide a text entry to explain the reasons the question or instruction does not apply.

1. 16 TAC § 25.55(f)(1)(A): Use best efforts to implement weather emergency preparation measures intended to ensure the sustained operation of all cold weather critical components during winter weather conditions, including weatherization, staffing plans, operational readiness, and structural preparations; secure sufficient chemicals, auxiliary fuels, and other materials; and personnel required to operate the transmission system and facilities;

Has the TSP complied with all requirements of subsection (f)(1)(A)?

*[DocuSign Yes/No Input]*

Describe all activities the TSP has engaged in to complete the requirements of subsection (f)(1)(A).

*[DocuSign Attachment Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

If the TSP has not complied with all of the requirements of subsection (f)(1)(A), please identify below which elements of subsection (f)(1)(A) the TSP has not complied with and describe the deficiency (a text box will open upon selection of "Noncompliant" or "N/A").

Weatherization	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Staffing plans	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Operational readiness	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Structural preparations	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Secure sufficient chemicals	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Secure sufficient auxiliary fuels	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Secure sufficient other materials	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Personnel required to operate the resource	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>
Other	<i>[DocuSign Compliant / Noncompliant / N/A Input]</i>

If the TSP is not compliant with all requirements of subsection (f)(1)(A), is the TSP asserting good cause for noncompliance with one or more requirements of this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with one or more requirements of subsection (f)(1)(A), please provide below all of the information required by subsection (f)(4)(A) in support of that assertion.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

## Winter Weather Readiness Report for Transmission Service Provider

2. 16 TAC § 25.55(f)(1)(B): Confirm the ability of all systems and subsystems containing cold weather critical components required to ensure operation of each of the TSP's substations within the design and operating limitations addressed in 16 TAC § 25.55(f)(1)(G);

Has the TSP complied with all requirements of subsection (f)(1)(B)?

*[DocuSign Yes/No Input]*

Describe all activities the TSP has engaged in to complete the requirements of subsection (f)(1)(B).

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with all requirements of subsection (f)(1)(B), please describe the deficiency below.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with all requirements of subsection (f)(1)(B), is the TSP asserting good cause for noncompliance with requirements of this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with one or more requirements of subsection (f)(1)(B), please provide below all of the information required by subsection (f)(4)(A) in support of that assertion.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

## Winter Weather Readiness Report for Transmission Service Provider

3. 16 TAC § 25.55(f)(1)(C): Use best efforts to address cold weather critical component failures that occurred because of winter weather conditions in the period between November 30, 2020, and March 1, 2021;

Has the TSP complied with subsection (f)(1)(C)?

*[DocuSign Yes/No Input]*

Describe all activities the TSP has engaged in to comply with subsection (f)(1)(C).

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with subsection (f)(1)(C), please describe the deficiency below.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with subsection (f)(1)(C), is the TSP asserting good cause for noncompliance with this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with subsection (f)(1)(C), please provide below all of the information required by subsection (f)(4)(A) in support of that assertion.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

## Winter Weather Readiness Report for Transmission Service Provider

4. 16 TAC § 25.55(f)(1)(D): Provide training on winter weather preparations and operations to relevant operational personnel;

Has the TSP complied with subsection (f)(1)(D)?

*[DocuSign Yes/No Input]*

Describe all activities the TSP has engaged in to comply with subsection (f)(1)(D).

*[DocuSign Attachment Box]*

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If the TSP has not complied with subsection (f)(1)(D), please describe the deficiency below.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with subsection (f)(1)(D), is the TSP asserting good cause for noncompliance with this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with subsection (f)(1)(D), please provide below all of the information required by subsection (f)(4)(A).

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

## Winter Weather Readiness Report for Transmission Service Provider

5. 16 TAC § 25.55(f)(1)(E): Confirm 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;

Has the TSP complied with all requirements of subsection (f)(1)(E)?

*[DocuSign Yes/No Input]*

If so, describe all activities the TSP has engaged in to complete the requirements of subsection (f)(1)(E).

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with subsection (f)(1)(E), please describe the deficiency below.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with subsection (f)(1)(E), is the TSP asserting good cause for noncompliance with this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with subsection (f)(1)(E), please provide below all of the information required by subsection (f)(4)(A) in support of that assertion.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

## Winter Weather Readiness Report for Transmission Service Provider

6. 16 TAC § 25.55(f)(1)(F): Confirm the operability of power transformers and auto transformers in winter weather emergencies by:
- (i) Checking heaters in the control cabinets;
  - (ii) Verifying that main tank oil levels are appropriate for actual oil temperature;
  - (iii) Checking bushing oil levels; and
  - (iv) Checking nitrogen pressure, if necessary.

Has the TSP complied with all requirements of subsection (f)(1)(F)?

*[DocuSign Yes/No Input]*

If so, describe all activities the TSP has engaged in to complete the requirements of subsection (f)(1)(F).

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

If the TSP has not complied with all requirements of subsection (f)(1)(F), please identify below which elements of subsection (f)(1)(F) the TSP has not complied with and describe the deficiency (a text box will open upon selection of “Noncompliant” or “N/A”).

Checking heaters in the control cabinets

*[DocuSign Compliant / Noncompliant / N/A Input]*

Verifying that main tank oil levels are appropriate for actual oil temperature

*[DocuSign Compliant / Noncompliant / N/A Input]*

Checking bushing oil levels

*[DocuSign Compliant / Noncompliant / N/A Input]*

Checking nitrogen pressure, if necessary

*[DocuSign Compliant / Noncompliant / N/A Input]*

If the TSP has not complied with subsection (f)(1)(F), is the TSP asserting good cause for noncompliance with this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with subsection (f)(1)(F), please provide below all of the information required by subsection (f)(4)(A) in support of that assertion.

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*



## Winter Weather Readiness Report for Transmission Service Provider

7. 16 TAC § 25.55(f)(1)(G): Determine minimum design temperature or minimum experienced operating temperature, and other operating limitations based on temperature, precipitation, humidity, wind speed, and wind direction for facilities containing cold weather critical components;

Has the TSP complied with all requirements of subsection (f)(1)(G)?

*[DocuSign Yes/No Input]*

If so, describe all activities the TSP has engaged in to complete the requirements of subsection (f)(1)(G).

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

Please respond to 7a and/or 7b below.

- a. Has the TSP determined the minimum design temperature of its transmission facilities containing cold weather critical components?

*[DocuSign Yes/No Input]*

If so, what is the minimum design temperature (in deg. F) of its transmission facilities containing cold weather critical components?

*[DocuSign Numeric Input Box]*

- b. Has the TSP determined the minimum experienced operating temperature of its transmission facilities containing cold weather critical components?

*[DocuSign Yes/No Input]*

If so, what is the minimum experienced operating temperature (in deg. F) of its transmission facilities containing cold weather critical components?

*[DocuSign Numeric Input Box]*

Please respond to 7c through 7h:

- c. Has the TSP determined other operating limitations based on temperature?

*[DocuSign Yes/No Input]*

## Winter Weather Readiness Report for Transmission Service Provider

If so, please describe these limitations.

*[Large DocuSign Input Box]*

- d. Has the TSP determined other operating limitations based on precipitation?

*[DocuSign Yes/No Input]*

If so, please describe these limitations.

*[Large DocuSign Input Box]*

- e. Has the TSP determined other operating limitations based on humidity?

*[DocuSign Yes/No Input]*

If so, please describe these limitations.

*[Large DocuSign Input Box]*

- f. Has the TSP determined other operating limitations based on wind speed?

*[DocuSign Yes/No Input]*

If so, please describe these limitations.

*[Large DocuSign Input Box]*

- g. Has the TSP determined other operating limitations based on wind direction?

*[DocuSign Yes/No Input]*

If so, please describe these limitations.

*[Large DocuSign Input Box]*

- h. Is the TSP aware of any other winter weather operating limitations that it would like to share?

*[DocuSign Yes/No Input]*

If so, please describe these limitations.

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If the TSP has not complied with all requirements of subsection (f)(1)(G), is the TSP asserting good cause for noncompliance with one or more requirements of this subsection?

*[DocuSign Yes/No Input]*

If the TSP is asserting good cause for noncompliance with one or more requirements of subsection (f)(1)(G), please provide below all of the information required by subsection (f)(4)(A).

*[DocuSign Attachment Box]*

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Winter Weather Readiness Report for Transmission Service Provider

# Sworn Attestation

Transmission Service Provider: \_\_\_\_\_

I attest that I am the highest-ranking representative, official, or officer with binding authority over the Transmission Service Provider (TSP) identified above.

I attest that all activities described in 16 Tex. Admin. Code § 25.55(f)(1) have been completed for the above-identified TSP's transmission system and facilities, subject to any notice of or request for good cause exception submitted under 16 Tex. Admin. Code § 25.55(f)(4). Further, I attest that the statements contained in the Winter Weather Readiness Report submitted for the above-identified transmission system and facilities are true and accurate.

Signature: \_\_\_\_\_

Signatory Name: \_\_\_\_\_

Title: \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

SUBSCRIBED AND SWORN TO BEFORE ME on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

(seal)

\_\_\_\_\_  
Notary Public Signature

## Winter Weather Readiness Report for Transmission Service Provider

***The following section is to be filled out by ERCOT staff during a potential ERCOT-conducted inspection. By design, this section should not be modifiable by the TSP.***

## Winter Weather Readiness Report for Transmission Service Provider

1. 16 TAC § 25.55(f)(1)(A) Use best efforts to implement weather emergency preparation measures intended to ensure the sustained operation of all cold weather critical components during winter weather conditions, including weatherization, onsite fuel security, staffing plans, operational readiness, and structural preparations; secure sufficient chemicals, auxiliary fuels, other materials; and personnel required to operate the transmission system and facilities;

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

2. 16 TAC § 25.55(f)(1)(B) Confirm the ability of all systems and subsystems containing cold weather critical components required to ensure operation of each of the TSP's substations within the design and operating limitations addressed in 16 TAC § 25.55(f)(1)(G);

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

3. 16 TAC § 25.55(f)(1)(C) Use best efforts to address cold weather critical component failures that occurred because of winter weather conditions in the period between November 30, 2020, and March 1, 2021;

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

- 16 TAC § 25.55(f)(1)(D) Provide training on winter weather preparations and operations to relevant operational personnel;

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

- 16 TAC § 25.55(f)(1)(E) Confirm 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;

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

6. 16 TAC § 25.55(f)(1)(F) Confirm the operability of power transformers and auto transformers in winter weather emergencies by:
  - (i) Checking heaters in the control cabinets;
  - (ii) Verifying that main tank oil levels are appropriate for actual oil temperature;
  - (iii) Checking bushing oil levels; and
  - (iv) Checking nitrogen pressure, if necessary.

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

*[Large DocuSign Input Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

7. 16 TAC § 25.55(f)(1)(G): Determine minimum design temperature or minimum experienced operating temperature, and other operating limitations based on temperature, precipitation, humidity, wind speed, and wind direction for facilities containing cold weather critical components;

Are the TSP's responses confirmed by the inspector? *[DocuSign Yes/No Input]*

Additional inspector comments:

*[DocuSign Attachment Box]*

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## Winter Weather Readiness Report for Transmission Service Provider

8. Did the inspection of this TSP's facilities reveal any other areas of concern? If so, please describe in detail.

*[DocuSign Attachment Box]*

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