

Winter Weather Readiness Report for Generation Resource or Energy Storage Resource

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

Winter Peak Load Season: December 2021 through February 2022

Resource Entity: _____

This report applies to the following Generation Resource or Energy Storage Resource:

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 WWRR 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 WWRR 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 Generation Resource or Energy Storage Resource

Below, ERCOT has separately identified each of the winter weather emergency preparation measures required by 16 Tex. Admin. Code (TAC) § 25.55(c)(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 Resource Entity” should be understood to refer to the Resource Entity identified above, and all references to “the Resource” should be understood to refer to the Generation Resource or Energy Storage Resource identified above. Whether or not explicitly stated, each question or instruction should be understood to apply only to the Generation Resource or Energy Storage Resource identified above. When a given question or instruction does not apply to the Resource, the Resource Entity 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(c)(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 resource;

Has the Resource Entity complied with all requirements of subsection (c)(1)(A)?

[DocuSign Yes/No Input]

Describe all activities the Resource Entity has engaged in to complete the requirements of subsection (c)(1)(A).

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If the Resource Entity has not complied with all of the requirements of subsection (c)(1)(A), please identify below which elements of subsection (c)(1)(A) the Resource Entity 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>
Onsite fuel security	<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 Resource Entity is not compliant with all requirements of subsection (c)(1)(A), is the Resource Entity asserting good cause for noncompliance with one or more requirements of this subsection?

[DocuSign Yes/No Input]

If the Resource Entity is asserting good cause for noncompliance with one or more requirements of subsection (c)(1)(A), please provide below all of the information required by subsection (c)(6)(A) in support of that assertion.

[DocuSign Attachment Box]

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**Winter Weather Readiness Report for Generation Resource
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2. 16 TAC § 25.55(c)(1)(B): Install adequate wind breaks for resources susceptible to outages or derates caused by wind; enclose sensors for cold weather critical components; inspect thermal insulation for damage or degradation and repair damaged or degraded insulation; confirm the operability of instrument air moisture prevention systems; conduct maintenance of freeze protection components for all applicable equipment, including fuel delivery systems controlled by the generation entity, the failure of which could cause an outage or derate, and establish a schedule for testing of such freeze protection components on a monthly basis from November through March; and install monitoring systems for cold weather critical components, including circuitry providing freeze protection or preventing instrument air moisture;

Has the Resource Entity complied with all requirements of subsection (c)(1)(B)?

[DocuSign Yes/No Input]

Describe all activities the Resource Entity has engaged in to complete the requirements of subsection (c)(1)(B).

[DocuSign Attachment Box]

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

Install adequate wind breaks

[DocuSign Compliant / Noncompliant / N/A Input]

Enclose sensors for cold weather components

[DocuSign Compliant / Noncompliant / N/A Input]

Inspect thermal insulation

[DocuSign Compliant / Noncompliant / N/A Input]

Confirm operability of instrument air moisture prevention systems

[DocuSign Compliant / Noncompliant / N/A Input]

Conduct maintenance of freeze protection components

[DocuSign Compliant / Noncompliant / N/A Input]

Establish a schedule for monthly testing of freeze protection components

[DocuSign Compliant / Noncompliant / N/A Input]

Install monitoring systems for cold weather critical components

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[DocuSign Compliant / Noncompliant / N/A Input]

Install monitoring systems for circuitry providing freeze protection

[DocuSign Compliant / Noncompliant / N/A Input]

Install monitoring systems for preventing instrument air moisture

[DocuSign Compliant / Noncompliant / N/A Input]

If the Resource Entity has not complied with all requirements of subsection (c)(1)(B), is the Resource Entity asserting good cause for noncompliance with one or more requirements of this subsection?

[DocuSign Yes/No Input]

If the Resource Entity is asserting good cause for noncompliance with one or more requirements of subsection (c)(1)(B), please provide below all of the information required by subsection (c)(6)(A) in support of that assertion.

[DocuSign Attachment Box]

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**Winter Weather Readiness Report for Generation Resource
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3. 16 TAC § 25.55(c)(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 Resource Entity complied with subsection (c)(1)(C)?

[DocuSign Yes/No Input]

Describe all activities the Resource Entity has engaged in to comply with subsection (c)(1)(C).

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If the Resource Entity has not complied with subsection (c)(1)(C), please describe the deficiency below.

[DocuSign Attachment Box]

[Large DocuSign Input Box]

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

[DocuSign Yes/No Input]

If the Resource Entity is asserting good cause for noncompliance with subsection (c)(1)(C), please provide below all of the information required by subsection (c)(6)(A) in support of that assertion.

[DocuSign Attachment Box]

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**Winter Weather Readiness Report for Generation Resource
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4. 16 TAC § 25.55(c)(1)(D): Provide training on winter weather preparations and operations to relevant operational personnel;

Has the Resource Entity complied with subsection (c)(1)(D)?

[DocuSign Yes/No Input]

Describe all activities the Resource Entity has engaged in to comply with subsection (c)(1)(D).

[DocuSign Attachment Box]

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If the Resource Entity has not complied with subsection (c)(1)(D), please describe the deficiency below.

[DocuSign Attachment Box]

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

[DocuSign Yes/No Input]

If the Resource Entity is asserting good cause for noncompliance with subsection (c)(1)(D), please provide below all of the information required by subsection (c)(6)(A).

[DocuSign Attachment Box]

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**Winter Weather Readiness Report for Generation Resource
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5. 16 TAC § 25.55(c)(1)(E): Determine minimum design temperature or minimum experienced operating temperature, and other operating limitations based on temperature, precipitation, humidity, wind speed, and wind direction.

Has the Resource Entity complied with all requirements of subsection (c)(1)(E)?

[DocuSign Yes/No Input]

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

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Please respond to 5a and/or 5b.

- a. Has the Resource Entity determined the Resource's minimum design temperature?

[DocuSign Yes/No Input]

If so, what is the Resource's minimum design temperature (in deg. F)?

[DocuSign Numeric Input Box]

- b. Has the Resource Entity determined the Resource's minimum experienced operating temperature?

[DocuSign Yes/No Input]

If so, what is the Resource's minimum experienced operating temperature (in deg. F)?

[DocuSign Numeric Input Box]

Please respond to 5c through 5h:

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

[DocuSign Yes/No Input]

If so, please describe these limitations.

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

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[DocuSign Yes/No Input]

If so, please describe these limitations.

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

[DocuSign Yes/No Input]

If so, please describe these limitations.

[Large DocuSign Input Box]

- f. Has the Resource Entity 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 Resource Entity 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 Resource Entity 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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**Winter Weather Readiness Report for Generation Resource
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If the Resource Entity has not complied with all requirements of subsection (c)(1)(E), is the Resource Entity asserting good cause for noncompliance with one or more requirements of this subsection?

[DocuSign Yes/No Input]

If the Resource Entity is asserting good cause for noncompliance with one or more requirements of subsection (c)(1)(E), please provide below all of the information required by subsection (c)(6)(A).

[DocuSign Attachment Box]

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Winter Weather Readiness Report for Generation Resource
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Sworn Attestation

Resource Entity: _____

Generation Resource or Energy Storage Resource: _____

I attest that I am the highest-ranking representative, official, or officer with binding authority over the Resource Entity identified above.

I attest that all activities described in 16 Tex. Admin. Code § 25.55(c)(1) have been completed for the above-identified Generation Resource or Energy Storage Resource, subject to any notice of or request for good cause exception submitted under 16 Tex. Admin. Code § 25.55(c)(6). Further, I attest that the statements contained in the Winter Weather Readiness Report submitted for the above-identified Generation Resource or Energy Storage Resource 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 Generation Resource
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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 Resource Entity.

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1. 16 TAC § 25.55(c)(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 resource;

Are the Resource Entity'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 Generation Resource
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2. 16 TAC § 25.55(c)(1)(B) Install adequate wind breaks for resources susceptible to outages or derates caused by wind; enclose sensors for cold weather critical components; inspect thermal insulation for damage or degradation and repair any damaged or degraded insulation; confirm the operability of instrument air moisture prevention systems; conduct maintenance of freeze protection components for all applicable equipment, including fuel delivery systems controlled by the generation entity, the failure of which could cause an outage or derate, and establish a schedule for testing of such freeze protection components on a monthly basis from November through March; and install monitoring systems for cold weather critical components, including circuitry providing freeze protection or preventing instrument air moisture;

Are the Resource Entity'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 Generation Resource
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3. 16 TAC § 25.55(c)(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 Resource Entity'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 Generation Resource
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4. 16 TAC § 25.55(c)(1)(D) Provide training on winter weather preparations and operations to relevant operational personnel;

Are the Resource Entity'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 Generation Resource
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5. 16 TAC § 25.55(c)(1)(E) Determine minimum design temperature or minimum experienced operating temperature, and other operating limitations based on temperature, precipitation, humidity, wind speed, and wind direction.

Are the Resource Entity's responses confirmed by the inspector?

[DocuSign Yes/No Input]

Additional inspector comments:

[DocuSign Attachment Box]

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6. Did the inspection of this Generation Resource reveal any other areas of concern? If so, please describe in detail.

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