

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.7 Mothball Outage Reporting



Applicability

- 1 Section 306.7 applies to:
 - (a) a **pool participant** with a generating **source asset** with a **maximum capability** greater than or equal to 5 MW;
 - (b) the **legal owner** of a **source asset** described in subsection 1(a); and
 - (c) the **ISO**.

Requirements

Mothball Outage Notification Requirements

2(1) A **pool participant** must, in respect of any **mothball outage** ~~that will result in a change in available capability equal to or greater than 5 MW~~, submit to the **ISO**:

- (a) the dates, times, durations and impact to MW capability for the **mothball outage**;
- ~~(b)~~ a designation of the **mothball outage** as “Derate-Planned” or “Outage-Planned”;
- ~~(e)~~~~(b)~~ the minimum time, which must be no more than 6 months, that is required for the generating **source asset** to return to full capability; and
- ~~(d)~~~~(c)~~ a list of contact **persons** who are in a position of authority to resolve with the **ISO** any issues or concerns regarding the **mothball outage**.

(2) A **pool participant** must, by the first **day** of every **month** after the date of **energization**, submit the information set out in subsection 2(1) to the **ISO** related to **mothball outages** that, as of the time of the submission, are planned to occur at any time within the next 24 **months**.

(3) A **pool participant** must, subject to the notification periods in subsections 4(3) and 6(2), with respect to:

- (a) any revisions to the information submitted to the **ISO** under subsection 2(1); or
- (b) a **mothball outage** that is not included in the submission set out in subsection 2(2);

submit such information or **mothball outage** as soon as practicable but no later than 3 **months** prior to the **day** the revision takes effect or the **mothball outage** is to start, unless otherwise agreed to by the **ISO** in writing.

(4) A **pool participant** must submit information required to be provided to the **ISO** pursuant to this subsection 2 through the Energy Trading System, except that the information required to be provided in accordance with subsection 2(1)~~(eb)~~ and ~~(ec)~~ is to be provided directly to the **ISO**, in writing.

Attestation

3(1) A **pool participant** must, when it provides a submission notification to the **ISO** pursuant to ~~subsections 2(1), or subsection 4(2)(3)(a) where the revision is to extend the duration or increase in MW of the mothball outage,~~~~(b)~~, provide an attestation to the **ISO** from a corporate officer of the **pool participant** of the **source asset** that:

- (a) based on its reasonable assessment of forecast market prices and market conditions at the time the attestation is provided, such forecast market prices and market conditions are insufficient to recover avoidable costs for the **source asset** for the duration of the **mothball outage**; and

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.7 Mothball Outage Reporting



(b) the **mothball outage** will be cancelled if, based on its reasonable assessment of forecast market prices and market conditions, such forecast market prices and market conditions become sufficient to recover avoidable costs for the **source asset** for the remaining duration of the **mothball outage**.

(2) A **pool participant** must provide an attestation in accordance with subsection 3(1) on the **day** that ~~a submission notification~~ is provided to the **ISO** pursuant to subsections ~~2(1) or 2~~, 2(3)(~~ab~~), or 4(2)(c).

(3) A **pool participant** must, if it is not the **legal owner** of the **source asset**, provide to the **ISO** on the **day** that the **pool participant** submits ~~an~~the attestation in accordance with subsection 3(2), an attestation from the **legal owner** of a **source asset** that the avoidable costs provided to the pool participant in accordance with subsection 10(a) are accurate.

Mothball Outage Duration

4(1) A pool participant may take a mothball outage for a period less than or equal to 24 months.

(2) A pool participant must, prior to ~~the end of ending~~ the mothball outage period, inform, notify the **ISO** in writing that the **pool participant** will either fully or partially:

(a) return the capability of ~~a mothball outage~~the source asset to service in accordance with the minimum time declared in subsection 2(1)(~~e~~);

~~(b)~~; or

(b) extend the mothball outage ~~up~~by a period less than or equal to 24 months; or

(c) ~~permanently~~ discontinue operation of the source asset.

(3) A pool participant must provide the notice in subsection 4(2) to the ISO in accordance with the following timelines, unless otherwise agreed to by the ISO in writing:

(a) if the minimum time declared in subsection 2(1)(b) is greater than 3 months, provide notice equivalent to the minimum time prior to the last day of the mothball outage;

(b) if the minimum time declared in subsection 2(1)(b) is less than or equal to 3 months, provide notice no later than 3 months prior to the last day of the mothball outage; or

(c) if the pool participant is extending the mothball outage or discontinuing operation of the source asset, provide notice no later than 3 months prior to the last day of the mothball outage.

Transmission Access Treatment

5(1) The ISO must, if:

(a) a **source asset** that is directly connected to the **transmission system** has been on a **mothball outage** for more than 24 months; and

(b) the **ISO** identifies that the **source asset** on the **mothball outage** impacts **transmission system** access for a project in the **ISO**'s connection process;

notify the **pool participant** of the **source asset** on **mothball outage** as soon as practicable.

(2) The pool participant must, within 30 days of receiving the notification in subsection 5(1) inform the ISO in writing of its decision to:

(a) return the capability on mothball outage to service in accordance with the minimum time declared in subsection 2(1)(~~eb~~); or

(b) ~~permanently~~ discontinue ~~operations~~operation of the source asset.

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.7 Mothball Outage Reporting



(3) ~~__~~ The **pool participant** must, if the **pool participant** elects to ~~permanently~~ discontinue operations, submit to the **ISO** the prescribed forms to reduce the **supply transmission service** to the **source asset's** applicable **available capability** with the written notification provided in accordance with subsection 5(2)(b).

(4) ~~__~~ The **ISO** must, if the **pool participant** ~~fails to comply~~ does not act in accordance with subsection 5(2), reduce the **supply transmission service** to reflect the **available capability** of the **source asset** at the end of the **mothball outage period** as soon as practicable and in accordance with the **ISO tariff**.

Cancellation of Mothball Outage by a Pool Participant

~~6(1)~~ A **pool participant** must ~~provide the ISO with a minimum of 3 months notice~~ __ prior to cancelling a **mothball outage**.

~~(2)~~ ~~A pool participant must take one of, notify the ISO in writing that the following actions upon pool participant will~~ either fully or partially ~~cancelling a mothball outage~~:

- (a) ~~_~~ return the ~~generating capability of the~~ **source asset** to service in accordance with the minimum time declared in subsection 2(1)(~~eb~~); or
- (b) ~~permanently~~ __ discontinue operation of the ~~generating~~ **source asset**.

~~(2)~~ A pool participant must provide the notice in subsection 6(1) to the ISO in accordance with the following timelines, unless otherwise agreed to by the ISO in writing:

- (a) if the minimum time declared in subsection 2(1)(b) is greater than 3 months, provide notice equivalent to the minimum time prior to the last day of the mothball outage;
- (b) if the minimum time declared in subsection 2(1)(b) is less than or equal to 3 months, provide notice no later than 3 months prior to the last day of the mothball outage; or
- (c) if the pool participant is discontinuing operation of the source asset, provide notice no later than 3 months prior to the last day of the mothball outage.

Subsequent Outages

7(1) A **pool participant** must not schedule a **planned outage** less than **3 months** after a **mothball outage**.

(2) A **pool participant** is not eligible for subsequent **mothball outage** for at least the same length of time as the **pool participant's** previous **mothball outage** for a minimum period of **3 months** and up to a maximum period of **12 months**.

Authority to Issue a Mothball Outage Cancellation Directive

8(1) The **ISO** may, if after:

- (a) completing the procedures set out in subsections 9(2) through 9(5) the **ISO** determines that there remains:
 - (i) an immediate need on a short-term basis for services provided by certain **source assets** to maintain the necessary level of **reliability** or **adequacy**, as the case may be; and
 - (ii) a high probability that the situation will not be alleviated in a voluntary manner:
 - (A) by any **pool participants** amending or revising outage plans; or
 - (B) through the ordinary course operation of the market; and
- (b) taking into account the factors described in subsection 9(4) below,

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.7 Mothball Outage Reporting



issue a **directive** to cancel a **mothball outage**.

(2) ___ The **pool participant** must, if the **ISO** issues a **directive** in accordance with subsection 8(1), return the capability of the **source asset** on **mothball outage** to service in accordance with the minimum time declared in subsection 2(1)(**eb**).

(3) The **ISO** must not issue a **directive** canceling a **mothball outage** without the authorization of the Chief Executive Officer of the **ISO** or their designee.

Mothball Outage Cancellation Directive Procedure

9(1) The **ISO** must, in order to assist in determining whether to issue a **directive** canceling a **mothball outage**, ~~assess~~**forecast** the adequacy of supply as described in ~~subsection~~**Section** 2 of Section 202.6 of the **ISO Rules**, *Adequacy of Supply*.

(2) The **ISO** must, prior to issuing a **directive** canceling a **mothball outage**, comply with the outage cancellation procedures described in subsection 7 of Section 306.5 of the **ISO rules**, *Generation Outage Reporting and Coordination*.

(3) The **ISO** must, in performing the assessments described in Section 306.5, take into account all **mothball outage** plans submitted to the **ISO** under subsection 2 of this Section 306.7.

(4) The **ISO** must, in addition to the factors set out in subsection 7(7) of Section 306.5, consider the length of time of any outage the **pool participant** has previously submitted to the **ISO** under the reporting requirements set out in this Section 306.7 in its determination as to whether or not to issue a directive cancelling a **mothball outage**.

(5) The **ISO** may, notwithstanding subsection 7(8) of Section 306.5, issue a **directive** cancelling a **mothball outage** at any time by providing notice equivalent to or greater than the minimum time that is required for the generating **source asset** to return to service provided under subsection 2(1)(**eb**).

Timely Information from Legal Owner

10 A **legal owner** of a **source asset** must, if it is not the **pool participant** for that **source asset**:

- (a) provide such timely and complete information to the **pool participant** for such **source asset** to enable the **pool participant** to comply with its obligations under ~~subsection 2, 5,~~ **and subsections 2 through 6**; and
- (b) provide an attestation to the **pool participant** from a corporate officer of the **legal owner** of such **source asset** to enable the **pool participant** to comply with its obligations under subsection 3.

Revision History

Date	Description
<u>2023-xx-xx</u>	<p><u>Removed subsection 2</u></p> <p><u>Added new subsections 4 - 7 to address requirements relating to mothball outage duration, transmission access treatment, cancellation of mothball outage by a pool participant, and subsequent mothball outages</u></p> <p><u>Conducted administrative amendments subsections 1, 3, and 8 - 10 to align with AESO's drafting principles.</u></p>

ISO Rules
Part 300 System Reliability and Operations
Division 306 Outages and Disturbances
Section 306.7 Mothball Outage Reporting



Date	Description
2018-05-28	Addition of subsection 4 Amendment to subsection 8 Administrative amendments
2016-06-07	Initial release.