

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.4 Transmission Planned Outage Reporting and Coordination



Applicability

- 1 Section 306.4 applies to:
 - (a) the **legal owner** of a **transmission facility**;
 - (b) the **legal owner** of **generating unit** connected to a **transmission facility**;
 - (c) the **legal owner** of an **aggregated generating facility**;
 - (d) the **legal owner** of an **electric distribution facility**;
 - (e) the **legal owner** of an **intertie**;
 - (f) the **legal owner** of load directly connected to the **transmission system**; and
 - (g) the **ISO**;

when managing the reporting and coordination of **planned outages**, including live line work and recloser block situations, for **transmission facilities**.

Requirements

General

- 2 The **legal owner** of a **transmission facility** must, prior to the occurrence of a **planned outage**, submit to the **ISO** a **planned outage** request for approval by submitting the information specified in this Section 306.4 and according to the timelines set out below.

Planned Outage Schedule and Requests

3(1) The **legal owner** of a **transmission facility** must submit to the **ISO**, by the first **day** of every **month**, a schedule of significant **planned outages** that are planned to occur within the next **24 months**.

(2) The **legal owner** of a **transmission facility** must submit to the **ISO** a significant **planned outage** request as soon as possible, and not less than **30 days** before the start of the **operating week** in which the significant **planned outage** is intended to occur.

(3) The **legal owner** of a **transmission facility** must, in its schedule of significant **planned outages** and in its significant **planned outage** requests, include a **planned outage** that meets any one or more of the following criteria:

- (a) it affects a **transmission facility** operating at 240 kV or greater;
- (b) it affects an **intertie**;
- (c) it affects a **system element** connecting facilities owned by 2 or more different **legal owners** of **transmission facilities**;
- (d) it affects a **system element** that connects a **generating unit** or an **aggregated generating facility** to the **interconnected electric system**;
- (e) it requires the **ISO** to issue a **dispatch** or **directive** for generation in order to facilitate the **planned outage**;
- (f) it affects a cutplane limit;
- (g) it limits or reduces the operability of a synchronous condenser, static VAR compensator, static compensator or other similar dynamic device; or

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.4 Transmission Planned Outage Reporting and Coordination



(h) it affects high voltage direct current facilities.

(4) The **legal owner** of a **transmission facility** must submit to the **ISO** a non-significant **planned outage** request no later than 12:00 noon on Tuesday in the week before the **operating week** in which the non-significant **planned outage** is intended to occur.

(5) The **legal owner** of a **transmission facility** must, on the Tuesday before each **operating week** and prior to 12:00 noon, resubmit to the **ISO** all **planned outage** requests that the **legal owner** intends to conduct in the following **operating week**.

Changes to Requests and Cancellations

4(1) The **legal owner** of a **transmission facility** must submit to the **ISO** any changes to a previously submitted **planned outage** request, including cancellations, as soon as possible, and no later than 10:00 am on the **business day** before the first **day** impacted by the intended change to the previously submitted **planned outage** request.

(2) The **legal owner** of a **transmission facility** must, if it is unable to comply with subsection 4(1), submit to the **ISO** a cancellation of a **planned outage** request as soon as possible after the deadline set out in subsection 4(1), and provide a reason as to why it was unable to submit the cancellation by that deadline.

Outage Pre-Work and Information

5(1) The **legal owner** of a **transmission facility** must, prior to submitting to the **ISO** any **planned outage** request or a change to a previously submitted **planned outage** request:

- (a) coordinate the **planned outage** with other affected **legal owners**;
- (b) perform a **contingency** assessment of the **planned outage**, considering conditions throughout the duration of the **planned outage**, and develop plans to mitigate any concerns identified; and
- (c) determine the **planned outage** does not conflict with any other **planned outage**.

(2) The **legal owner** of a **transmission facility** must, as part of any **planned outage** request, provide **planned outage** information to the **ISO** in the form the **ISO** specifies, including the following:

- (a) the **transmission facility** being taken out of service;
- (b) dates and times, indicating the start of switching to isolate a facility and the end of switching to return the facility to service;
- (c) nature of work and any related **system elements** that will be affected;
- (d) details of the **contingency** assessment and any mitigation plans;
- (e) confirmation of coordination with all affected **legal owners**;
- (f) isolation points energized at greater than 25 kV; and
- (g) time to restore the **transmission facility** in an emergency.

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.4 Transmission Planned Outage Reporting and Coordination



ISO Assessments

6(1) The **ISO** must, no later than the start of the **operating week** in which the **planned outage** is to occur, assess:

- (a) in the case of a significant **planned outage**:
 - (i) a **planned outage** request submitted prior to 90 **days** before the start of the **operating week** in which the **planned outage** is to occur; and
 - (ii) a change to a **planned outage** request, previously submitted pursuant to subsection 6(1)(a)(i), that is submitted prior to 30 **days** before the start of the **operating week** in which the change is to occur; and
- (b) in the case of a non-significant **planned outage**, a **planned outage** request, and any change to such request, that is submitted prior to 12:00 noon on Tuesday in the week before the **operating week** in which the **planned outage** or the change, as applicable, is to occur.

(2) The **ISO** may assess a change to a **planned outage** request that is submitted in accordance with subsection 4, but that is submitted later than the timelines specified in subsection 6(1).

(3) The **ISO** must, if it assesses a **planned outage** request or any change to such request, do so by taking into account:

- (a) the **reliability** of the **interconnected electric system**;
- (b) potential impacts to **market participants**;
- (c) coordination of the **planned outage** with other affected **legal owners**; and
- (d) coordination of the **planned outage** with other anticipated conditions on the **interconnected electric system**.

ISO Approvals

7(1) The **ISO** must approve a **planned outage** request or any changes to such request, excluding cancellations, if the **ISO**:

- (a) assesses the **planned outage** request, or any change to such request, as set out in subsection 6; and
- (b) determines that the **planned outage** can be conducted without adversely affecting the **reliability** of the system or the fair, efficient and openly competitive operation of the market.

(2) The **ISO** must, if it approves a **planned outage** request or any change to such request, communicate such approval via an approved outage report posted on the AESO website.

(3) The **ISO** must approve a **planned outage** request and any change to such request in order for the **planned outage** to proceed.

(4) The **ISO** may, based on real time **reliability** requirements of the **interconnected electric system** and necessary **ISO** operational flexibility, cancel any **planned outage** it has already approved under subsection 7(1) by providing written or verbal notice to the **legal owner** of the **transmission facility**.

ISO Rules

Part 300 System Reliability and Operations

Division 306 Outages and Disturbances

Section 306.4 Transmission Planned Outage Reporting and Coordination



Real-Time ISO Approval

8(1) The **legal owner** of a **transmission facility** must, in relation to any **planned outage**, obtain real-time approval from the **ISO** prior to switching transmission equipment out of service.

(2) The **legal owner** of a **transmission facility** must, in relation to any **planned outage**, obtain real-time approval from the **ISO** prior to energization of equipment after completion of an outage.

Coordination

9 The **legal owner** of a **generating unit**, the **legal owner** of an **aggregated generating facility**, the **legal owner** of an **electric distribution system** and the **legal owner** of load must, on a reasonable efforts basis, coordinate with the affected **legal owners** regarding any **planned outages**.

Provision of Outage Information by the ISO

10(1) The **ISO** must publish on the AESO website a list of significant **planned outages** that are to occur in the period beginning in the **operating week** after the upcoming **operating week** and ending 24 **months** later.

(2) The **ISO** must publish on the AESO website a list of all **planned outages** it has approved to occur during the remaining **days** of the current **operating week** and all **days** of the following **operating week**, and must use reasonable efforts to do so by 18:00 (6:00 pm) each Wednesday.

(3) The **ISO** must document details of its assessments of the approved **planned outages** noted on the list referred to in subsection 10(2) in a report commonly known as the coordination plan.

(4) The **ISO** must not include details of generation **dispatches**, generation **directives** or generation outage schedules in the coordination plan.

(5) The **ISO** must email the coordination plan to each **legal owner** of a **transmission facility** and must use reasonable efforts to do so by 18:00 (6:00 pm) each Thursday.

Revision History

Date	Description
2020-09-16	Administrative amendments
2016-08-30	Inclusion of the defined term system element .
2014-07-02	Initial release