

# ISO Rules

## Part 300 System Reliability and Operations

### Division 306 Outages and Disturbances

#### Section 306.9 Outage Cancellation Procedures



External Consultation Draft  
August 31, 2018

#### Applicability

- 1 Section 306.9 applies to:
- (a) a **pool participant** with a generating **source asset** with a **maximum capability** greater than or equal to 5 MW;
  - (b) a **pool participant** that submits **offers** in the energy market for a generating **source asset** with a **maximum capability** that is greater than or equal to 1 MW and less than 5 MW;
  - (c) a **legal owner** of a **source asset** described in subsections 1(a) and 1(b); and
  - (d) the **ISO**.

#### Requirements

##### Authority to Issue an Outage Cancellation Directive

- 2(1) The **ISO** may, if after:
- (a) completing the assessments and procedures set out in subsections 3(2) through 3(6) 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 set out in subsection 3(7) below,
- issue a **directive** to cancel any 1 or more of a **planned outage**, a **delist outage**, or a **delayed forced outage**.

- (2) The **ISO** must not issue a **directive** canceling an outage without the authorization of the Chief Executive Officer of the **ISO** or his designee.

##### Outage Cancellation Procedure

- 3(1) The **ISO** must, prior to issuing a **directive** canceling an outage, comply with the procedures set out in subsection 3(2) through 3(8) in sequence.

- (2) The **ISO** must consider and analyze the results of the **adequacy** assessments undertaken in accordance with section 202.6 of the **ISO rules**, *Adequacy of Supply*, and perform a further assessment of the status of all **source assets** based on all **planned outages** that **pool participants** submit under section 306.5 *Generation Outage Reporting and Coordination*.

- (3) The **ISO** must:
- (a) after completing the assessments and taking into account the total amount of all generating **source assets** which are planned for outages; and

# ISO Rules

## Part 300 System Reliability and Operations

### Division 306 Outages and Disturbances

#### Section 306.9 Outage Cancellation Procedures



- (b) if the **ISO** anticipates a high probability of a supply **adequacy** shortfall or **reliability** concern, notify **market participants** on the AESO website of its determination.
- (4) The **ISO** must continue to conduct further situational analysis to seek to alleviate the potential supply **adequacy** shortfall or **reliability** concern and avoid the cancellation of any outages.
- (5) The **ISO** must post the determination referred to in subsection 3(3) above for a minimum period of 1 calendar week, and in anticipation that certain **pool participants**:
- (a) may have flexibility to voluntarily amend plans for outages to assist in the alleviation of the supply **adequacy** shortfall or **reliability** situation; or
  - (b) in the case of a **delist outage**, may submit a request to the **ISO** to delay the start of the **delist outage** or return to the energy market before the end of the **delist outage** term, and substitute in accordance with Section 206.9 of the **ISO rules**, *Asset Substitution*.
- (6) The **ISO** must, if the **ISO** determines that the request received in subsection 3(5)(b) would assist in the alleviation of the supply **adequacy** shortfall or **reliability** situation, change the **delist outage** by permitting the **pool participant** to submit **offers** in the energy market for a specified volume and substitute in accordance with Section 206.9 of the **ISO rules**, *Asset Substitution*.
- (7) The **ISO** must, if any actions made pursuant to subsections 3(5) and 3(6) do not result in a reduction in the total amount of generating **source asset** capacity planned for outages such that the forecast supply **adequacy** shortfall or **reliability** remains unresolved, contact the individual **pool participants** to request that they further review outage plans.
- (8) The **ISO** must consider all of the following factors in its determination as to whether or not to issue a **directive** canceling an outage as contemplated in this subsection 3:
- (a) the economic and operational consequences for the **legal owner** of the generating **source asset** and for any designated **pool participant**, if a different **person**;
  - (b) the operational and functional impact on the generating **source asset** if the outage is cancelled;
  - (c) the effectiveness of canceling the outage in alleviating the supply **adequacy** shortfall or **reliability** concern;
  - (d) the historical frequency that a given generating **source asset** has been the subject of outage cancellations relative to other **source assets**;
  - (e) the length of time of, and reasons for, any outage the **pool participant** has previously submitted to the **ISO** under the reporting requirements set out in this section 306.9;
  - (f) the extent to which the outage will begin or end during the period of the forecast supply **adequacy** shortfall or **reliability** concern;
  - (g) any requirements or material implications under or related to any applicable municipal, provincial or federal legislation or regulations if the **ISO** proceeds to issue a **directive** to cancel an outage; and
  - (h) the practicality and effectiveness of market-based solutions to alleviate the supply **adequacy** shortfall or **reliability** concern, including a consideration of load curtailment options.
- (9) The **ISO** must, where reasonably practicable, after assessing the effectiveness of each generating **source asset** in alleviating the supply **adequacy** shortfall or **reliability** concern, issue **directives** cancelling outages in the following order:

# ISO Rules

## Part 300 System Reliability and Operations

### Division 306 Outages and Disturbances

#### Section 306.9 Outage Cancellation Procedures



- (a) a generating **source asset** subject to a **capacity commitment**;
- (b) a generating **source asset** that is not subject to a **capacity commitment** and is not on a **delist outage**;
- (c) a generating **source asset** that is on a **delist outage** for economic reasons; and
- (d) a generating **source asset** that is on a **delist outage** for physical or operational reasons.

**(10)** The **ISO** must not issue a **directive** canceling an outage more than **90 days** in advance of the first **day** of the period which has been determined to be the commencement of the **reliability** or **adequacy** shortfall.

#### Outage Planned Costs and Work Submission

**4(1)** A **pool participant** who has received a **directive** for the cancellation of an outage must use all reasonable efforts to submit to the **ISO** in advance of the period when the outage would have occurred:

- (a) a detailed description and estimation of the work, which was to have been carried out during the outage, including an itemization of the specific plant, machinery and equipment which are the subject of the work during the that period; and
- (b) an estimate of any known or anticipated **incremental generation costs** that may be the basis for a claim for compensation under these **ISO rules**.

**(2)** The submissions set out in subsection 4(1) do not limit compensation claims for other reasonable demonstrable costs.

#### Time Constrained Outage Cancellation

**5** The **ISO** may, notwithstanding subsection 3, dispense with any or all of the procedures set out in that subsection 3 and proceed to issue a **directive** to cancel an outage, if in the **ISO's** opinion, it is evident that immediate **reliability** or **adequacy** circumstances do not allow sufficient time to permit the **ISO** to comply with such procedures.

#### Outage Cancellation Report

**6** The **ISO** must, if it issues a **directive** under subsection 2 to cancel an outage, prepare a report and post it on the AESO website, which report must contain:

- (a) an explanation of the circumstances, background and chronological events that caused and are related to the issuance of the **directive** cancelling the outage;
- (b) the particulars of the outage that was cancelled, including date of cancellation, duration and MW affected;
- (c) any material market impacts known to the **ISO**;
- (d) whether the cancellation was a time and procedurally constrained one under subsection 5, and if so, the reasons for a decision to depart from any prescribed procedures set out in subsection 3; and
- (e) any other matters that, in the **ISO's** opinion, are necessary in order to provide a full and complete explanation to **market participants** of the decision.

# ISO Rules

## Part 300 System Reliability and Operations

### Division 306 Outages and Disturbances

#### Section 306.9 Outage Cancellation Procedures



#### Payment Eligibility for Incremental Generation Costs and Claim Limitations

**7(1)** Subject to this subsection 7 and section 103.4 of the **ISO rules**, *Power Pool Financial Settlement* and the definition of **incremental generation costs**, a **pool participant** or **legal owner** of a generating **source asset**, or both of them if different **persons**, that has complied with a **directive** to cancel an outage issued pursuant to subsection 2, is eligible to receive payment for **incremental generation costs** from the **ISO**.

**(2)** A **pool participant** or a **legal owner** who is a claimant under this subsection 7 must, within **40 days** after the end of the **settlement period** related to the period during which the **directive** was effective, provide the **ISO** with a written statement which contains:

- (a) the detailed information of the claim and calculation of **incremental generation costs** as incurred and caused by the cancellation, to the extent those details and calculations are known or estimable as of the date of delivery of the statement to the **ISO**; or
- (b) if any detailed information or calculations are not known or estimable as of the date of delivery of the statement, an estimate of the date by which any of the outstanding information or calculations required under subsection 7(2)(a) will be finally determined and delivered to the **ISO**.

**(3)** A **pool participant** or a **legal owner** who is a claimant under this subsection 7 must provide the **ISO** with a supplementary written statement setting out all outstanding information or calculations as soon as reasonably practicable after the delivery of the original statement, but in any event no later than 1 year after the end of the **settlement period** related to the period during which the cancellation **directive** was effective.

**(4)** A **pool participant** or a **legal owner** who is a claimant under this subsection 7 must provide to the **ISO**:

- (a) any and all of its own and third party supporting data, records, invoices, formulas, calculations, third party contract claims and related terms and conditions;
- (b) any other information or materials used to calculate or determine the amounts claimed in the statement or any supplementary statement; and
- (c) any other detail and information the **ISO** may reasonably request

in order to verify the **incremental generation costs**, claims, calculations and particulars.

**(5)** The **ISO** must approve the compensation and settlement in respect of any **incremental generation costs** on or before the **40<sup>th</sup> day** following the **day** of the receipt by the **ISO** of the last of the initial statement, supplementary statement or deficiency materials.

**(6)** The **ISO** must reject the portion of a claim for **incremental generation costs** related to any of the following:

- (a) costs or claims related to a cancellation for which the claimant is eligible for compensation pursuant to the provisions of a **transmission must-run** contract with the **ISO**;
- (b) costs or claims associated with or related to the claimant's market or hedging portfolio, other than those allowed under subsection (iv)(d)(B) of the definition of **incremental generation costs** which limits such costs and claims to the **source asset** which is the subject of the **directive**;
- (c) lost opportunity costs, or other form of loss of profits, revenue, earnings or revenue not specifically provided for in the definition of **incremental generation costs**;

# ISO Rules

## Part 300 System Reliability and Operations

### Division 306 Outages and Disturbances

#### Section 306.9 Outage Cancellation Procedures



- (d) raw material, fuel, processing, production, manufacturing or industrial costs of any nature which are not directly related to the **source asset's** participation in the energy market;
- (e) fixed costs; or
- (f) costs or claims that the claimant could otherwise have mitigated through all reasonable efforts.

#### Cost Recovery

**8** The **ISO** must treat the **incremental generation costs** paid to a claimant for an approved claim under subsection 7(6) as an **ancillary services** cost.

#### Timely Information from Legal Owner

**9** A **legal owner** of a **source asset** must, if it is not the **pool participant** for that **source asset**, 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 this section 306.9.

#### Revision History

Date	Description
xxxx-xx-xx	Initial release