

ISO Rules

Part 300 System Reliability and Operations

Division 304 Routine Operations

Section 304.7 Event Reporting



Applicability

- 1 Section 304.7 applies to:
 - (a) the **operator** of a **transmission facility**;
 - (b) the **operator** of a **generating unit** or **energy storage resource** that:
 - (i) is not part of an **aggregated facility**;
 - (ii) has a **maximum authorized real power** rating greater than 4.5 MW; and
 - (iii) is directly connected to the **transmission system**;
 - (c) the **operator** of an **aggregated facility** that:
 - (i) is directly connected to the **transmission system**; and
 - (ii) has a **maximum authorized real power** rating greater than 4.5 MW;(collectively referred to as the “Responsible Entities”)and
 - (d) the **ISO**.

Requirements

Events Reportable by the Operator of a Transmission Facility

2 The **operator** of a **transmission facility** must submit a report to the **ISO** for each of the events identified in Appendix 1:

- (a) in writing, in the form the **ISO** specifies; and
- (b) as soon as practicable and no later than 5 **business days** after the **operator** of a **transmission facility** becoming aware of the event.

3 The **operator** of a **transmission facility** must notify PSIO, the RCMP and, where applicable, the local police, for each of the events identified in Appendix 1 as being reportable to these entities, as soon as practicable.

Events Reportable by the Operator of a Generating Unit, Aggregated Facility, or Energy Storage Resource

4 The **operator** of a **generating unit**, **aggregated facility**, or **energy storage resource** must, for each of the events identified in Appendix 2, submit a report to the **ISO**:

- (a) in writing, in the form the **ISO** specifies; and
- (b) as soon as practicable and no later than 5 **business days** after the **operator** of a **generating unit**, **aggregated facility**, or **energy storage resource** becoming aware of the event.

Events Reportable by a Responsible Entity

5 A Responsible Entity must submit a report to the **ISO** for each of the events identified in Appendix 3:

- (a) in writing, in the form the **ISO** specifies; and

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- (b) as soon as practicable and no later than 5 **business days** after the Responsible Entity becoming aware of the event.

6 A Responsible Entity must notify PSIO, the RCMP and, where applicable, the local police, for each of the events identified in Appendix 3 as soon as practicable.

7 A Responsible Entity is not, notwithstanding any other provision of this Section 304.7, required to report a theft to the **ISO**, PSIO, the RCMP or, where applicable, the local police in accordance with the provisions of this Section 304.7, unless the Responsible Entity reasonably determines that the theft degrades normal operation of:

- (a) a **transmission facility** operated at a nominal voltage of 100 kV or higher, excluding a **radial circuit** only connected to load; or
- (b) a **generating unit, aggregated facility, or energy storage resource** that is directly connected to the **transmission system** energized at 100 kV or higher.

Events Reportable to NERC

8 The **ISO** must forward a report received from a Responsible Entity in accordance with subsections 2 or 5 to the **NERC** within 5 **business days** of receiving such a report, but only for those events identified in Appendix 4.

Revision History

Date	Description
2024-04-01	Amended, as approved in Commission Decision 28176-D01-2023 issued on June 13, 2023.
2016-08-30	Initial release

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Appendix 1: Events Reportable by the Operator of a Transmission Facility

Event	Entity to Submit Report to
1. Damage to or destruction of a transmission facility that results in an unexpected sustained outage of any combination of 3 or more of the following: <ul style="list-style-type: none"> (a) transmission lines energized at greater than 25 kV; or (b) transformers with at least 2 terminals energized at greater than 25 kV. 	ISO
2. Unexpected loss, contrary to design, of any combination of 3 or more of the following: <ul style="list-style-type: none"> (a) transmission lines energized at greater than 25 kV; or (b) transformers with at least 2 terminals energized at greater than 25 kV caused by a common disturbance (excluding successful automatic reclosing).	ISO
3. A physical threat to a control centre for the bulk electric system , excluding a weather or natural disaster related threat, which has the potential to degrade the normal operation of the control centre .	ISO, PSIO, RCMP and, where applicable, local police
4. A suspicious device or activity at a control centre for the bulk electric system .	ISO, PSIO, RCMP and, where applicable, local police
5. Automatic firm load shedding (via an automatic undervoltage or underfrequency load shedding scheme, or a remedial action scheme) that occurs as part of the ISO's under voltage load shed program or underfrequency load shedding program.	ISO
6. The failure or misoperation of a remedial action scheme or protection system on the transmission system that impacts the transmission system , except where a misoperation incident report is provided in accordance with PRC-004-WECC-AB, <i>Protection System and Remedial Action Scheme Misoperation</i> .	ISO
7. A loss of monitoring or control that significantly affects the ability of the operator of a transmission facility to make operating decisions for 30 continuous minutes or more, including: <ul style="list-style-type: none"> (a) loss of the ability to remotely monitor or control system elements of the bulk electric system; 	ISO

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Event	Entity to Submit Report to
(b) loss of communications from supervisory control and data acquisition remote terminal units; (c) unavailability of “inter control centre protocol” links reducing bulk electric system visibility; or (d) loss of the ability to remotely monitor or control generating units providing regulating reserves .	
8. A complete loss, for 30 continuous minutes or more, of voice communication systems for a control centre of a transmission facility that are required for the purpose of communicating with the ISO and the operators of adjacent transmission facilities .	ISO
9. An unplanned evacuation of a control centre of a transmission facility for 30 continuous minutes or more.	ISO

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Appendix 2: Events Reportable by the Operator of a Generating Unit, Energy Storage Resource or Aggregated Facility

Event	Entity to Submit Report to
<p>1. An unexpected outage impacting 2 or more generating units, aggregated facilities, or energy storage resources, with an aggregate gross generation exceeding 500 MW at the time of the outage, which is caused by a common disturbance and contrary to the design of generating units, aggregated facilities, or energy storage resources.</p>	<p>ISO</p>
<p>2. A loss of monitoring or control that significantly affects the ability of the operator of a generating unit, aggregated facility, or energy storage resource to make operating decisions for 30 continuous minutes or more, including:</p> <ul style="list-style-type: none"> (a) loss of the ability to remotely monitor or control a generating unit or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher; (b) loss of communications from supervisory control and data acquisition remote terminal units; (c) unavailability of “inter control centre protocol” links reducing visibility of a generating unit or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher; or (d) loss of the ability to remotely monitor or control generating units providing regulating reserves. 	<p>ISO</p>
<p>3. A complete loss, for 30 continuous minutes or more, of voice communication systems for a control centre of a generating unit, aggregated facility, or energy storage resource that are required for the purpose of communicating with the ISO and the operators of adjacent transmission facilities.</p>	<p>ISO</p>
<p>4. An unplanned evacuation of a control centre of a generating unit, aggregated facility, or energy storage resource, for 30 continuous minutes or more.</p>	<p>ISO</p>

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Appendix 3: Events Reportable by a Responsible Entity

Event	Entity to Submit Report to
1. Damage to or destruction of a transmission facility, generating unit, aggregated facility, or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher that results from human action, which is known or suspected to be intentional.	ISO, PSIO, RCMP and, where applicable, local police
2. A physical threat to a transmission facility, generating unit, aggregated facility, or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the transmission facility, generating unit, aggregated facility, or energy storage resource .	ISO, PSIO, RCMP and, where applicable, local police
3. A suspicious device or activity at a transmission facility, generating unit, aggregated facility, or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher.	ISO, PSIO, RCMP and, where applicable, local police

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Appendix 4: Events Reportable by the ISO

Event	Entity to Forward Report to
1. Damage to or destruction of a transmission facility that results in an unexpected sustained outage of any combination of 3 or more of the following: <ul style="list-style-type: none"> (i) transmission lines energized at greater than 25 kV; or (ii) transformers with at least 2 terminals energized at greater than 25 kV. 	NERC
2. Unexpected loss, contrary to design, of any combination of 3 or more of the following: <ul style="list-style-type: none"> (a) transmission lines energized at greater than 25 kV; or (b) transformers with at least 2 terminals energized at greater than 25 kV caused by a common disturbance (excluding successful automatic reclosing).	NERC
3. Damage to or destruction of a transmission facility, generating unit, aggregated facility, or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher that results from actual or suspected intentional human action.	NERC
4. A physical threat to a control centre for the bulk electric system , excluding a weather or natural disaster related threat, which has the potential to degrade the normal operation of the control centre .	NERC
5. A physical threat to a transmission facility, generating unit, aggregated facility, or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the transmission facility, generating unit, aggregated facility, or energy storage resource .	NERC
6. A suspicious device or activity at a control centre for the bulk electric system .	NERC
7. A suspicious device or activity at a transmission facility, generating unit, aggregated facility, or energy storage resource that is directly connected to the transmission system energized at 100 kV or higher.	NERC

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Event	Entity to Forward Report to
<p>8. Automatic firm load shedding of greater than or equal to 100 MW (via an automatic undervoltage or underfrequency load shedding scheme, or a remedial action scheme) that occurs as part of the ISO's under voltage load shed program or underfrequency load shedding program.</p>	<p>NERC</p>
<p>9. A loss of monitoring or control that significantly affects the ability of the operator of a transmission facility to make operating decisions for 30 continuous minutes or more, including:</p> <ul style="list-style-type: none"> (i) loss of the ability to remotely monitor or control system elements of the bulk electric system; (ii) loss of communications from supervisory control and data acquisition remote terminal units; (iii) unavailability of "inter control centre protocol" links reducing bulk electric system visibility; or (iv) loss of the ability to remotely monitor and control generating units providing regulating reserves. 	<p>NERC</p>
<p>10. A complete loss, for 30 continuous minutes or more, of voice communication systems for a control centre of a transmission facility that are required for the purpose of communicating with the ISO and the operators of adjacent transmission facilities.</p>	<p>NERC</p>
<p>11. An unplanned evacuation of a control centre of a transmission facility for 30 continuous minutes or more.</p>	<p>NERC</p>