

ISO Rules

Part 300 System Reliability and Operations

Division 304 Routine Operations

Section 304.4 Maintaining Network Voltage



Applicability

- 1 Section 304.4 applies to:
- (a) an **operator** of a **generating unit**;
 - (b) an **operator** of an **aggregated facility**;
 - (c) an **operator** of a **transmission facility** that is operating a controllable **reactive power** resource; and
 - (d) an operator of an **energy storage resource**.

Requirements

No Adjustments without a Directive or Instruction

2 The **operator** of a **generating unit, aggregated facility, transmission facility, or energy storage resource** must not adjust:

- (a) the set point of the **automatic voltage regulator** or **voltage regulating system**;
- (b) the on-load tap changer that is manually operated; or
- (c) the set point or status of the controllable **reactive power** resource,

unless in response to a **directive** or instruction to do so, or unless first advising the **ISO** of the reason for the adjustment and obtaining approval from the **ISO** to make the adjustment.

Other Exceptions

3(1) The **operator** of a **generating unit, aggregated facility, transmission facility, or energy storage resource** may, notwithstanding subsection 2:

- (a) while connecting to the **transmission system**, adjust either:
 - (i) the set point of the **automatic voltage regulator** or **voltage regulating system**; or
 - (ii) the on-load tap changer,to match the **transmission system** level voltage; or
- (b) make any of the adjustments set out in subsection 2(a), (b) or (c) if the adjustment is required to respond to a real and substantial risk:
 - (i) of damage to its **transmission facility**;
 - (ii) to the safety of its employees; or
 - (iii) of undue injury to the environment;

(2) Any **operator** of a **generating unit, aggregated facility, transmission facility, or energy storage resource** that makes an adjustment pursuant to subsection 3(1)(b) must notify the **ISO** of the adjustment as soon as reasonably practicable but not later than one hour after determining the need for the adjustment.

Revision History

Date	Description
2024-04-01	Amended, as approved in Commission Decision 28176-D01-2023 issued on June 13, 2023.
2013-10-01	Initial release