

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 generating facility**; and
 - (c) an **operator** of a **transmission facility** that is operating a controllable **reactive power** resource.

Requirements

No Adjustments without a Directive or Instruction

- 2 The **operator** of a **generating unit**, **operator** of an **aggregated generating facility** and **operator** of a **transmission facility** 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) Notwithstanding subsection 2, the **operator** of a **generating unit**, the **operator** of an **aggregated generating facility** and the **operator** of a **transmission facility** may:

- (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;

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(2) Any **operator** of a **generating unit**, **operator** of an **aggregated generating facility** or **operator** of a **transmission facility** 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 (1) hour after determining the need for the adjustment.

Revision History

Effective	Description
2013-10-01	Initial release