

ISO Rules

Part 500 Facilities

Division 502 Technical Requirements

Section 502.4 Automated Dispatch and Messaging System



External Consultation Draft
March 19, 2019

Applicability

- 1 Section 502.4 applies to:
 - (a) a **pool participant** who may receive a **dispatch** or a **directive** in the **electricity market**; and
 - (b) the **ISO**.

Requirements

New and Existing Systems

- 2 Subject to subsection 3(1), the provisions of this section 502.4 do not apply to a **pool participant** in respect of generation facilities that were operating in the **electricity market** prior to January 1, 2018 without an Automated Dispatch and Messaging System.

Variations

- 3(1) The **ISO** may, notwithstanding subsection 2, require a **pool participant** to comply with this section 502.4 if the **ISO** determines that such compliance is necessary for the safe, reliable, and economic operation of the **interconnected electric system**.
- (2) The **ISO** must, if it identifies a situation contemplated by subsection 3(1), notify the affected **pool participant** in writing and, after discussion with the **pool participant**, confirm an appropriate effective date for compliance.
- (3) A **pool participant** may, notwithstanding any other provision of this section 502.4, use an alternative system to the Automated Dispatch and Messaging System to receive **dispatches** or **directives** if the **ISO** is satisfied that the performance of the alternative system is sufficiently responsive to maintain the safe and reliable operation of the **interconnected electric system**, and the efficient operation of the energy and **ancillary services** markets, and agrees in writing.

Automated Dispatch and Messaging System

- 4 A **pool participant** must have an Automated Dispatch and Messaging System at each location at which the **pool participant** may receive a **dispatch** or a **directive** in the **electricity market**.

Systems Availability and Maintenance Requirements

- 5 A **pool participant** must use **good electric industry practice** to:
 - (a) continuously operate its Automated Dispatch and Messaging System all hours of the **day**, **7 days** a week; and
 - (b) maintain and service each of its Automated Dispatch and Messaging Systems.

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Revision History

Date	Description
2011-06-01	Initial release
2013-01-08	Appendix added containing authoritative system availability requirements specified in Table 2 of ISO OPP 003.2. Previously defined terms have been un-defined and so the words have been unbolded.
2014-07-02	Unbolded the reference to “outage” in Appendix 1.
2015-03-27	Replaced “effective date” with the initial release date in sections 2(1), 2(2) and 3; and replaced the word “Effective” in the Revision History
xxxx-xx-xx	Removed all Voice Communication requirements and moved into 502.17. Removed removed 2(5) requirement for the ISO Added 3 (3)