



Alberta Electric System Operator

**Approval of Proposed New Section 201.10
of the ISO Rules, New Alberta Reliability Standards,
and Retirement of Existing Alberta Reliability Standards**

March 7, 2023

Alberta Utilities Commission

Decision 27990-D01-2023

Alberta Electric System Operator

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and Retirement of Existing Alberta Reliability Standards

Application 27990-A001

Proceeding 27990

March 7, 2023

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Contents

1	Introduction	1
2	Background	2
3	Legislative and regulatory framework	2
4	Issues	4
4.1	Does the AESO’s recommendation align with the criteria in the Transmission Regulation.....	4
4.2	Do the rule amendments meet the criteria set out in the Electric Utilities Act.....	4
4.2.1	The ISO rule is not technically deficient.....	4
4.2.2	The ISO rule supports the fair, efficient and openly competitive operation of the market to which it relates.....	4
4.2.3	The ISO rule is in the public interest.....	5
4.2.4	Conclusion.....	5
4.3	Did the AESO fulfill its obligation to adequately consult with stakeholders.....	5
5	Order	6
	Appendix A – Amended Section 502.4 of the ISO Rules (proposed new Section 201.10)	1

1 Introduction

1. On January 30, 2023, pursuant to Section 19(4)(b) of the *Transmission Regulation*, the Alberta Electric System Operator (AESO)¹ forwarded a recommendation to the Alberta Utilities Commission to approve the following changes to the Alberta Reliability Standards:

Alberta Reliability Standards	Action
Proposed COM-001-AB-3, <i>Communications</i>	Adopt
Proposed COM-002-AB-4, <i>Operating Personnel Communication Protocols</i>	Adopt
“emergency” term and definition in the Consolidated Authoritative Document Glossary for reliability standards	Adopt
Existing COM-001-AB1-1.1, <i>Communications</i>	Retire
Existing COM-002-AB1-2a, <i>Operating Personnel Communication Protocols</i>	Retire

2. In the same application, pursuant to Section 20.2(1) of the *Electric Utilities Act*, and Rule 017: *Procedures and Process for Development of ISO Rules and Filing of ISO Rules with the Alberta Utilities Commission*, the AESO proposed amendments to Section 502.4 of the ISO Rules, *Automated Dispatch and Messaging System and Voice Communication System Requirements*, which, due to administrative renumbering and retitling, resulted in it becoming Section 201.10 of the ISO Rules, *Automated Dispatch and Messaging System*.

3. The AESO requested that all of the reliability standards recommendations and the proposed new Section 201.10 of the ISO rules become effective the first day of the month following four full quarters after Commission approval.

4. For the reasons that follow, the Commission approves the AESO’s Alberta Reliability Standards recommendations and the proposed new Section 201.10 of the ISO rules, as submitted by the AESO.

¹ The independent system operator (ISO) is established under Section 7(1) of the *Electric Utilities Act* and operates under the trade name AESO. For the purposes of this decision, AESO and ISO are used interchangeably.

2 Background

5. Existing reliability standards COM-001-AB1-1.1 and COM-002-AB1-2a ensure that the AESO and applicable entities have adequate voice and messaging (or data) telecommunication capabilities and protocols that are critical for the safe, reliable and efficient operation of the Alberta interconnected electric system.
6. Existing Section 502.4 of the ISO rules includes requirements related to (i) voice communications systems and (ii) the Automated Dispatch and Messaging System (ADaMS) for market participants who receive dispatches and/or directives from the AESO system controller. ADaMS is also used to communicate relevant real-time market and system information.
7. The AESO identified overlapping voice communication system requirements in COM-001-AB1-1.1, COM-002-AB1-2a and existing Section 502.4. The AESO further identified that these overlaps in requirements could result in: (i) ambiguity, as multiple authoritative documents address the same or similar subject matter; (ii) confusion for market participants across ISO rules and Alberta Reliability Standards compliance; and (iii) potential double jeopardy situations from duplicative requirements.
8. Stakeholders agreed that the overlap between sources justified review of the ISO rules, but expressed concerns with the costs of implementation and the overly prescriptive nature of the original drafted ISO rules section. Following stakeholder consultation, the AESO changed course to recommend that all voice communication system requirements reside in a reliability standard that both mirrors North American Electric Reliability Corporation (NERC) COM-001-3 and accommodates those other voice communication system requirements from existing Section 502.4 deemed necessary for Alberta. This resulted in the creation of COM-001-AB-3 and COM-002-AB-4, and the amendments to Section 502.4, renamed as Section 201.10 due to administrative renumbering and retitling.
9. Due to some changes in the reliability standards requirements, the AESO also proposed the adoption of the term “emergency” for reliability standards, with the same definition as in the ISO tariff and aligned with the NERC definition.
10. All changes to the ISO rules section can be seen in the blackline version of existing Section 502.4 (proposed new Section 201.10), attached to this decision as Appendix A.
11. On February 2, 2023, the Commission issued a notice of application and requested the submission of statements of intent to participate (SIPs) by February 16, 2023. No SIPs were received. The Commission considers that the record of this proceeding closed on February 16, 2023.
12. The Commission reviewed the entire record for this proceeding in coming to this decision; lack of reference to a matter addressed in evidence or argument does not mean that it was not considered.

3 Legislative and regulatory framework

13. Section 19(4) of the *Transmission Regulation* specifies that before adopting or making reliability standards, the ISO must consult with those market participants that it considers likely

to be directly affected and forward the proposed reliability standards to the Commission for review, with the ISO's recommendation that the Commission approve or reject them. The Commission is satisfied that the AESO has fulfilled these requirements.

14. Pursuant to sections 19(5) and 19(6) of the *Transmission Regulation* the Commission must follow the recommendation of the ISO to either approve or reject proposed reliability standards unless the recommendation is demonstrated to be technically deficient or not in the public interest:

Reliability Standards

[...]

19(5) Subject to subsection (6), the Commission must approve or refuse to approve the reliability standards, agreements, criteria or directives, and must inform the ISO of its decision.

(6) The Commission must follow the recommendation of the ISO that the Commission approve or reject the proposed reliability standards, agreements, criteria or directives unless an interested person satisfies the Commission that the ISO's recommendation is

- (a) technically deficient, or
- (b) not in the public interest.

15. Under Section 20.2(1) of the *Electric Utilities Act*, the AESO must apply to the Commission for approval of a proposed ISO rule.

16. After considering an ISO rule, in accordance with Section 20.21(1) of the *Electric Utilities Act*, the Commission may, by order, approve the ISO rule, direct the AESO to revise the ISO rule or refuse to approve the ISO rule.

17. In accordance with Section 20.21(2) of the *Electric Utilities Act*, the Commission may approve an ISO rule filed under Section 20.2 only if the Commission is satisfied:

- (a) that the ISO rule
 - (i) is not technically deficient,
 - (ii) supports the fair, efficient and openly competitive operation of the market to which it relates, and
 - (iii) is in the public interest,
- and
- [...]
- (c) that the Independent System Operator, in developing the rule, complied with the Commission rules made under section 20.9.

18. Section 20.9 of the *Electric Utilities Act* requires the Commission to make rules requiring the AESO to consult with parties in the development of ISO rules and permits the Commission to develop rules governing the AESO's process in the development of those ISO rules. Rule 017 is the Commission rule which was created in response to Section 20.9 of the *Electric Utilities Act*.

4 Issues

4.1 Does the AESO's recommendation align with the criteria in the Transmission Regulation

19. The AESO forwarded the proposed new COM-001-AB-3 and COM-002-AB-4, and the "emergency" term and definition for reliability standards, to the Commission with a recommendation that the Commission approve them, along with a recommendation that the Commission approve the retirement of existing COM-001-AB1-1.1 and COM-002-AB1-2a. No interested party filed an objection with the AUC indicating that the AESO's recommendations are either technically deficient, or not in the public interest.

4.2 Do the rule amendments meet the criteria set out in the Electric Utilities Act

20. The AESO requested that the Commission approve the proposed amendments to Section 502.4 of the ISO rules pursuant to Section 20.21 of the *Electric Utilities Act*, having regard to each of the following factors:

- (a) The ISO rule is not technically deficient (Section 20.21(2)(a)(i) of the *Electric Utilities Act*).
- (b) The ISO rule supports the fair, efficient and openly competitive operation of the market to which it relates (Section 20.21(2)(a)(ii) of the *Electric Utilities Act*).
- (c) The ISO rule is in the public interest (Section 20.21(2)(a)(iii) of the *Electric Utilities Act*).

Each of these items is examined in detail in the sections that follow.

4.2.1 The ISO rule is not technically deficient

21. The AESO submitted that the proposed amendments to Section 502.4, resulting in proposed new Section 201.10 due to administrative renumbering and retitling, are:

- (a) Consistent with the statutory scheme and authorized by 20(1) of the *Electric Utilities Act*;²
- (b) Complete, and reasonably self-contained; and
- (c) Drafted in a clear, concise, and cohesive manner such that the concepts and expectations are well understood by market participants.

4.2.2 The ISO rule supports the fair, efficient and openly competitive operation of the market to which it relates

22. The AESO explained that all pool participants that submit offers or bids in the energy or ancillary services markets must have ADaMs and be able to receive dispatches through ADaMs. Proposed new Section 201.10 promotes the public interest and fair, efficient and open

² Section 20(1)(a): The Independent System Operator may make rules respecting (a) the practices and procedures of the Independent System Operator.

competition principles by leveling the playing field and ensuring all pool participants are subject to the same technology requirements.

4.2.3 The ISO rule is in the public interest

23. According to the AESO, the small group of existing facilities that do not utilize ADaMs today will be required to install and operate ADaMs going forward. This is advantageous regardless of the current application, as the current use of manual dispatches is resource-intensive and unnecessary given the functionality of ADaMs. The AESO submitted that proposed new Section 201.10 promotes the public interest by eliminating the administrative burden associated with manual dispatches and will promote efficiency.

24. Further, the AESO stated that proposed new Section 201.10 will also promote the public interest by maintaining reliability and safety requirements for pool participants to be available 24/7 to respond to dispatches or directives from the AESO System Controller.

4.2.4 Conclusion

25. The Commission is satisfied that the proposed amendments to Section 502.4, resulting in proposed new Section 201.10 due to administrative renumbering and retitling, meet all requirements for approval as set out in Section 20.21(2) of the *Electric Utilities Act*.

26. More specifically, noting the absence of opposition to the application, and in the absence of evidence to the contrary, the Commission is satisfied, based on the AESO's explanations, that proposed new Section 201.10: is not technically deficient, supports the fair, efficient and openly competitive operation of the market to which it relates and is in the public interest.

4.3 Did the AESO fulfill its obligation to adequately consult with stakeholders

27. Sections 4 and 5 of Rule 017 require the AESO to post notice of proposed rules, receive comments from stakeholders and provide written responses to stakeholder comments, all of which must be posted on its website.

28. Section 19(4)(a) of the *Transmission Regulation* requires that the ISO consult with those market participants that it considers are likely to be directly affected before adopting or making reliability standards.

29. In March 2018, the AESO began preliminary consultation with working groups, then began consultation on the initial communications authoritative documents package in October 2018. Consultation on the reliability standards and ISO rules section in the current application began in March 2022. Throughout, the AESO hosted working groups and consultation sessions, posted letters asking for stakeholder comments, and responded to comments. All comments, along with AESO replies explaining the rationale for why certain positions were accepted or rejected, were then posted to the AESO's website. The full details of the consultation process are available within the filed application.

30. The AESO submitted that its consultation process included any party that was interested in, or may be directly affected by, the reliability standard recommendations and the proposed amendments to Section 502.4 (proposed new Section 201.10).

31. Having reviewed the details provided in the application of the consultation conducted by the AESO, the Commission is satisfied that the informational and consultation requirements established by Rule 017 have been met. The Commission agrees that a stakeholder session is not specifically required by Rule 017.

5 Order

32. Pursuant to Section 19(6) of the *Transmission Regulation*, and based on the recommendation of the ISO, the Commission approves proposed new COM-001-AB-3 and COM-002-AB-4, and the “emergency” term and definition for reliability standards, and the retirement of existing COM-001-AB1-1.1 and COM-002-AB1-2a.

33. The Commission finds that, in proposing amendments to Section 502.4, resulting in Section 201.10 due to administrative renumbering and retitling, the AESO has complied with Section 20.21 of the *Electric Utilities Act* and Rule 017.

34. Accordingly, pursuant to Section 20.21(1)(a) of the *Electric Utilities Act*, the Commission, by order, approves the following, to be effective April 1, 2024:

- (a) Adoption of COM-001-AB-3, *Communications*
- (b) Adoption of COM-002-AB-4, *Operating Personnel Communication Protocols*
- (c) Adoption of “emergency” term and definition in the Consolidated Authoritative Document Glossary for reliability standards
- (d) Retirement of COM-001-AB1-1.1, *Communications*
- (e) Retirement of COM-002-AB1-2a, *Operating Personnel Communication Protocols*
- (f) Section 201.10 of the ISO rules, *Automated Dispatch and Messaging System and Voice Communication System Requirements*.

Dated on March 7, 2023.

Alberta Utilities Commission

(original signed by)

Vincent Kostas
Acting Commission Member

Appendix A – Amended Section 502.4 of the ISO Rules (proposed new Section 201.10)



Blackline - proposed
new Section 201.10

Appendix C – Blackline and clean copy of Section 201.10, *Automated Dispatch and Messaging System* – existing Section 502.4 to proposed new Section 201.10



Attachment	ISO rule
C.1	Blackline copy of Section 201.10, <i>Automated Dispatch and Messaging System</i> – existing Section 502.4 to proposed new Section 201.10
C.2	Clean copy of Section 201.10, <i>Automated Dispatch and Messaging System</i> – existing Section 502.4 to proposed new Section 201.10

ISO Rules

Part ~~500~~ Facilities ~~200~~ Markets

Division ~~502~~ Technical Requirements ~~201~~ General

Section ~~502.4~~ 201.10 Automated Dispatch and Messaging System ~~and Voice Communication System Requirements~~



Final Draft Rule Filed with the Commission
January 30, 2023

Applicability

1 Section ~~502.4~~ 201.10 applies to:

- ~~(a) the legal owner of a generating unit;~~
- ~~(b) the legal owner of an aggregated generating facility;~~
- ~~(c) the legal owner of a transmission facility;~~
- ~~(d) the legal owner of an electric distribution system;~~
 - (a) ~~(e) a pool participant; that submits offers or bids for a pool asset, excluding import assets and export assets, in either one or both of:~~
 - (i) the energy market; and
 - (ii) the ancillary service market, for which the ISO issues dispatches or directives through the ISO's Automated Dispatch and Messaging System.
- ~~(f) the ISO.~~

Requirements

New and Existing Systems

~~2(1) On and after June 1, 2011, a market~~ _____ A pool participant with any new facility which is to be directly connected to the interconnected electric system must comply with access and operate the applicable minimum ISO's Automated Dispatch and Messaging System and voice communication systems requirements of this section 502.4.

~~(2) Subject to subsection 2(3), the provisions of this section 502.4 do not apply to any Automated Dispatch and Messaging System and voice communication systems in existence as of June 1, 2011, but those systems must remain in compliance with the technical specifications and operational requirements which were in effect as of the original date of the commencement of the systems' operation, including those in Appendix 1.~~

~~(3) The ISO may require a market participant to comply with any specific application to receive dispatches or all of the Automated Dispatch and Messaging System and voice communication systems requirements of this section 502.4, if the ISO determines that such compliance is critical directives for the safe and reliable operation of the interconnected electric system each pool asset for which a pool participant submits offers or bids.~~

~~(4) A market pool participant in a subcategory identified in subsection 1 with a facility that has multiple control rooms must ensure that each control room is in compliance with the applicable requirements of this section 502.4.~~ 3A market pool participant in a subcategory identified in subsection 1 with a facility that has multiple control rooms must ensure that each control room is in compliance with the applicable requirements of this section 502.4.

~~(a) the ISO's Automated Dispatch and Messaging System; and voice communication systems requirements of this section 502.4.~~

~~(5) The ISO must have Automated Dispatch and Messaging System and voice communication systems in its coordination centre and other back-up locations to exchange communications with the control room of any market participant that is required to comply with the provisions of this section 502.4.~~

Successor to Prior Requirements

~~3 Subject to subsection 2, this section 502.4 succeeds the Operational Voice Communications Standard in effect as of~~

Blackline Filed with Commission: 2023-01-30

ISO Rules

Part ~~500 Facilities~~200 Markets

Division ~~502 Technical Requirements~~201 General

Section ~~502.4~~201.10 Automated Dispatch and Messaging System and Voice Communication System Requirements



September 7, 2005, and the prior standard or any drafts of it no longer will be in force and effect as of June 1, 2011.

~~Systems Availability and Maintenance Requirements~~

~~4(1) All Automated Dispatch and Messaging system and voice communication systems under this section 502.4 must be continuously operational twenty four (24) hours a day, seven (7) days a week.~~

~~(2) Those systems must be maintained and serviced generally in accordance with good electric industry practice to ensure they are continuously operational.~~

~~Dedicated Primary Direct Access Telephone and Cell Phone Connections~~

~~5(1) If there is a requirement under this section 502.4 for one (1) or more primary direct access telephone connections to the ISO coordination centre from a market participant control room, then the connection must be dedicated for the exclusive use of the ISO and the market participant, and must not be degraded by any other communication or data transfer activities if there is any shared equipment or functionality associated with the connection.~~

~~(2) Each primary direct access telephone connection must be dedicated to the specific applicable operational function in the ISO coordination centre.~~

~~(3) Each primary direct access telephone number must be a primary number with automatic forwarding to another number if the primary number is busy or otherwise not available, and the use of voice mail is prohibited.~~

~~(4) Cell phone service may be used as a primary direct access telephone connection if it satisfies the requirements of subsections 4 and 5.~~

~~Mobile Satellite Telephone Service~~

~~6(1) If there is a requirement under this section 502.4 for mobile satellite network telephone service to the ISO from a market participant, then the service must be commercially available for one to one communications with the ISO.~~

~~(2) If there is a requirement for such service to be available for dispatch purposes, then the service must allow for multiple party communications, including those between the ISO and the market participant.~~

~~Specific Requirements~~

~~7 The more specific systems requirements are as set out in the following Table 1:~~

Table 1

Automated Dispatch and Messaging System and Voice Communication Systems Requirements

A. Market Participant Subcategory	B. Primary Requirements	C. Emergency and Backup Requirements
1. A pool participant who may receive an energy market dispatch or a directive.	1. Automated Dispatch and Messaging System; plus 2. A commercial service with a primary direct access telephone connection from the control room to the ISO coordination centre.	None required.
2. A pool participant who may receive an ancillary service	1. Automated Dispatch and Messaging System; plus	One of the following additional services connecting from the control room to the ISO coordination centre:

ISO Rules

Part ~~500~~ Facilities ~~200~~ Markets

Division ~~502~~ Technical Requirements ~~201~~ General

Section ~~502.4~~ 201.10 ~~Automated Dispatch and Messaging System and Voice Communication System Requirements~~



A. Market Participant Subcategory	B. Primary Requirements	C. Emergency and Backup Requirements
dispatch or a directive.	2. A commercial service with a primary direct access telephone connection from the control room to the ISO coordination centre, with the service having mute and conference call capabilities.	1. A mobile satellite network telephone and dispatch service; 2. A back up direct access telephone connection; or 3. A utility orderwire service.
3. A legal owner of a generating unit or aggregated generating facilities connecting to the interconnected electric system at a voltage of less than or equal to 25kV.	1. A commercial service with a primary direct access telephone connection from the control room to the ISO coordination centre.	None required.
4. A legal owner of a generating unit or aggregated generating facilities connecting to the interconnected electric system at a voltage of greater than 25kV where the aggregated electric energy output at the point of connection is less than 50 MW.	1. A commercial service with a primary direct access telephone connection from the control room to the ISO coordination centre.	A back up direct access telephone connection from the control room to the ISO coordination centre.
5. A legal owner of a generating unit or aggregated generating facilities connecting to the interconnected electric system at a voltage of greater than 25 kV where the aggregated electric energy output at the point of connection is equal to or greater than 50 MW.	1. A commercial service with a primary direct access telephone connection from the control room to the ISO coordination centre, with the telephone having mute and conference call capabilities.	One of the following additional services connecting from the control room: 1. A direct access telephone connection to the control room of the legal owner of the transmission facility providing the interconnected electric system connection; 2. A mobile satellite telephone service to the ISO coordination centre; 3. A back up direct access telephone connection to the ISO coordination centre; or 4. A utility orderwire service to the ISO coordination centre.
6. A legal owner of a generating unit providing a black start capability service.	1. A commercial service with a primary direct access telephone connection from the control room to the ISO coordination centre, with the service having mute and conference call capabilities.	One of the following additional services connecting from the control room: 1. A direct access telephone connection from the control room to the operations room of the legal owner of the transmission facility providing the interconnected electric system connection; 2. A back up direct access dedicated commercial

ISO Rules

Part ~~500 Facilities~~ 200 Markets

Division ~~502 Technical Requirements~~ 201 General

Section ~~502.4~~ 201.10 Automated Dispatch and Messaging System and Voice Communication System Requirements



A. Market Participant Subcategory	B. Primary Requirements	C. Emergency and Backup Requirements
		telephone connection from the control room to the ISO coordination centre; or 3. A utility orderwire service from the control room to the ISO coordination centre.
7. A legal owner of a transmission facility, except those who operate only radial transmission system equipment.	1. A commercial service with primary direct access telephone connection from the control room to the ISO coordination centre, with the service having mute and conference call capabilities.	One of the following additional services connecting from the control room to the ISO coordination centre: 1. A mobile satellite network telephone service; 2. A back up direct access telephone connection; or 3. A utility orderwire service.
8. A legal owner of a transmission facility operating only radial transmission system equipment.	1. A commercial service with primary direct access telephone connection from the control room to the ISO coordination centre.	1. A back up direct access telephone connection from the control room to the ISO coordination centre.
9. A legal owner of an electric distribution system.	1. A commercial service with primary direct access telephone connection from the control room to the ISO coordination centre.	None required.
10. A legal owner of an electric distribution system who contributes load additions for black start capability process requirements.	1. A commercial service with primary direct access telephone connection from the control room to the ISO coordination centre.	One of the following additional services connecting from the control room: 1. A direct access telephone connection to the legal owner of the transmission facility providing the transmission system connection associated with the black start capability service. 2. A mobile satellite network telephone service to the ISO coordination centre; or 3. A utility orderwire service to the ISO coordination centre.

Emergency and Back Up Communication Systems Requirements

8— Each applicable market participant and the ISO must use the specified emergency and back up communication systems when there is an event that causes a primary communication system to be materially disrupted or impaired, including an event such as:

- (a) a real time system emergency condition, as may be referenced in any reliability standard; or
- (b) a disturbance or interruption of service by any provider of a primary communications system service.

Testing of Emergency and Back Up Communication Systems

9(1)— The ISO must conduct tests for all emergency and back up communication systems on a reasonable basis and the testing schedule time and date must be made known reasonably in advance to the operator of a market participant whose system

Blackline Filed with Commission: 2023-01-30

ISO Rules

Part ~~500 Facilities~~ 200 Markets

Division ~~502 Technical Requirements~~ 201 General

Section ~~502.4~~ 201.10 Automated Dispatch and Messaging System and Voice Communication System Requirements



will be tested.

~~(2) If the test is a success then the ISO will not notify the operator, but if the test is a failure then the ISO will verbally notify the operator of the failure no later than twenty four (24) hours after the test is completed.~~

~~(3) After the ISO notifies the operator of the testing schedule, the operator must ensure that there are trained personnel available to conduct and facilitate the test at the designated date and time.~~

~~(4) In accordance with the confidentiality provisions of subsection 2(1) of section 103.1 of the ISO rules Confidentiality, the ISO must keep confidential the name of any facility that is subject to testing, and the date and time of the tests.~~

~~(5) If there is a failure of a test, then the applicable market participant or the ISO, depending on whose emergency and back up communication system has failed, must ensure the cause is investigated and repaired as soon as reasonably possible, but in any event the system must be repaired no later than five (5) business days after:~~

~~(a) the date of the test failure, in the case of the ISO; or~~

~~(b) the date of delivery of notice of the test failure, in the case of the market participant.~~

~~(6) The ISO must keep a copy of any test results for no less than two (2) calendar years after the date of the test.~~

Loss of Emergency and Back Up Communication Systems

~~10(1) If either the ISO or a market participant experiences a material disruption or complete loss of any emergency and back up communication systems at a point in time other than during a test period, then verbal notice must be given by:~~

~~(a) the ISO to all affected market participants, if the ISO suffers the disruption or loss; or~~

~~(b) the applicable market participant to the ISO, if the market participant suffers the disruption or loss.~~

~~(2) The market participant that experiences the disruption or loss must investigate and repair it as soon as reasonably possible, but in any event no later than five (5) business days after the date of the discovery of the cause of the disruption or loss.~~

Appendices

~~Appendix 1 — Technical Standards in Effect as of 2007~~

~~(b) telephone calls from the ISO using a direct telephone number that the pool participant has provided to the ISO.~~

Revision History

<u>Effective Date</u>	<u>Description of Changes</u>
2011-06-01 <u>yyyy-xx-xx</u>	Initial release Removed all voice communication requirements. Modified Automated Dispatch and Messaging System applicability and regulatory requirement. Renamed ISO rule from Section 502.4 to Section 201.10.
2013-01-08 <u>2015-03-27</u>	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 un-bolded.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 to "Date".

ISO Rules

Part ~~500 Facilities~~200 Markets

Division ~~502 Technical Requirements~~201 General

Section ~~502.4~~201.10 Automated Dispatch and Messaging System ~~and Voice Communication System Requirements~~



<u>2014-07-02</u>	Unbolded the reference to “outage” in Appendix 1.
xxxx-xx-xx <u>2013-01-08</u>	Replaced “effective date” with the initial release date in sections 2(1),(2) and 3; and replaced the word “Effective” in the Revision History to “Date”. 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.
<u>2011-06-01</u>	<u>Initial release.</u>

ISO Rules

Part ~~500~~ Facilities ~~200~~ Markets

Division ~~502~~ Technical Requirements ~~201~~ General

Section ~~502.4~~ 201.10 ~~Automated Dispatch and Messaging System and Voice Communication System Requirements~~



Appendix 1 — Technical Standards in Effect as of 2007

Standard Description	Applicable To	Standard Requirement	Reason for Standard
Maximum participant outage time	All pool participants receiving dispatches and with total bids or offers of greater than twenty-five (25) MW	Twenty-six point two five (26.25) hours per year. Ninety-nine point seven percent (99.7%) availability.	Safe and reliable operation of the power system requires high pool participant availability for receiving dispatches .
	All pool participants receiving dispatches and with total bids or offers of less than twenty-five (25) MW	One hundred (100) hours per year. Ninety-nine point eight percent (98.8%) availability.	
Maximum outage time per incident	All pool participants receiving dispatches and with total bids or offers of greater than twenty-five (25) MW	Six (6) hours	Safe and reliable operation of the power system requires high pool participant availability for receiving dispatches .
	All pool participants receiving dispatches and with total bids or offers of less than twenty-five (25) MW	Forty-eight (48) hours	
Call out response time	All pool participants receiving dispatches and with total bids or offers of greater than twenty-five (25) MW	Two (2) hours	Safe and reliable operation of the power system requires high pool participant availability for receiving dispatches .
	All pool participants receiving dispatches and with total bids or offers of less than twenty-five (25) MW	Next working day	

ISO Rules

Part 200 Markets

Division 201 General

Section 201.10 Automated Dispatch and Messaging System



Final Draft Rule Filed with the Commission
January 30, 2023

Applicability

- 1 Section 201.10 applies to:
 - (a) a **pool participant** that submits **offers** or **bids** for a **pool asset**, excluding import assets and export assets, in either one or both of:
 - (i) the energy market; and
 - (ii) the **ancillary service** market, for which the **ISO** issues **dispatches** or **directives** through the **ISO's** Automated Dispatch and Messaging System.

Requirements

- 2 A **pool participant** must access and operate the **ISO's** Automated Dispatch and Messaging System application to receive **dispatches** or **directives** for each **pool asset** for which a **pool participant** submits **offers** or **bids**.
- 3 A **pool participant** must be available 24 hours a **day**, **7 days** a week to respond to **dispatches** or **directives** the **ISO** issues through:
 - (a) the **ISO's** Automated Dispatch and Messaging System; and
 - (b) telephone calls from the **ISO** using a direct telephone number that the **pool participant** has provided to the **ISO**.

Revision History

Effective Date	Description of Changes
yyyy-xx-xx	Removed all voice communication requirements. Modified Automated Dispatch and Messaging System applicability and regulatory requirement. Renamed ISO rule from Section 502.4 to Section 201.10.
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 to "Date".
2014-07-02	Unbolded the reference to "outage" in Appendix 1.
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.
2011-06-01	Initial release.