

Final

ISO Rule 502.10 Working Group Meeting Minutes

Meeting Date: January 27th, 2017
Time: 10:00 am – 2:00 pm
Location: AESO Office, Main Boardroom

Participants

Company
AESO
AltaLink
ATCO
AUC
ENMAX
EPCOR
Fortis
TransAlta

1. Project Background and Preliminary Schedule

AESO delivered a PowerPoint presentation to introduce the background of this project and the preliminary schedule. It is anticipated that the final proposed ISO Rule 502.10 will be submitted to the AUC in the fourth quarter of 2017 if there are no unforeseen issues.

2. Overview of AESO Rules

AESO provided an overview of the AESO rules to orient the work group members with the overall structure and content.

3. Purpose, Deliverables, Roles and Responsibilities of AESO and Work Group Members

The AESO indicated that the meeting notes will not be posted to AESO website. The reason for this is to allow the work group members to freely share their technical knowledge and ideas without necessarily stating their company's position. The AESO also will review this approach for future WG rule development.

4. What should be included in 502.10?

The AESO prepared a spreadsheet that lists all the sections of the current AESO Measurement System Standard and identifies the recommendation of the AESO to either retain or remove each of these sections.

1.0 Introduction

- **Section 1.1 Purpose**

All attendees agreed to remove the Purpose section from the new rule.

- **Section 1.2 (Application)**

The AESO proposes that ISO rule 502.10 should apply to the AESO and entities that own revenue metering systems, including the legal owner of:

- a transmission facility;
- an electric distribution system;
- a generating unit;
- an aggregated generating facility; and
- an Industry System that has been designated as such by the Commission.

The legal owners can contract third parties to design, install and maintain the meters. The ISO does not have any contracts with third parties, therefore the AESO rule cannot be enforced by the MSA to such parties.

This proposal generated a significant discussion with the work group members. All attendees agree that the applicability needs to be specific in order to only apply ISO rule 502.10 to the appropriate entities.

Action:

- i. AESO will work on the applicability and propose new wording to group at the next WG meeting.
(Please refer New ISO rule 502.10 Applicability)
- ii. A technical discussion is required for metering on borders, there may be a few exceptions for metering on provincial borders.

- **Section 1.4 Modifications, Section 1.5 Requirements for Review and Section 1.6 Stakeholder Review Committee**

All attendees agree to remove these sections from the new ISO rule 502.10.

2.0 Roles & Accountabilities

All attendees agree to remove this section from the new ISO rule 502.10.

3.0 Measurement System

- **Section 3.1 Scope**

All attendees agree to remove this section from the new ISO rule 502.10.

- **Section 3.2 Function Overview**

All attendees agree to modify this section by removing item (a) and (b) from the new ISO rule 502.10. Item (c) needs to be re-worded. All attendees agree to remove item (d) from the new ISO rule 502.10.

- **Section 3.3 Service Requirements**

This section needs to be more specific regarding the responsibility of the AESO, such as the AESO having the responsibility for system level revenue metering system but not for distributed generation and load.

- **Section 3.3.1 Measurement Point Definition Record**

All attendees agree to:

- Move Appendix 9 into ID (Information Document). The metering system owner will need to provide a draft of the MPDR within a specified time (TBD, such as 30 days?).
- Remove Item (a) from the new rule because AUC Rule 021 has the requirement for the Data Recipient timeline and format.
- Remove Item (b) from the new rule because the facility owner should define the number and type of measurement points.
- Remove Item (c) from the new rule. The MPDR should include the attributes (location, polarity, etc.) of the MP (Measurement Point).
- Revise Item (d) to, "ISO will review and approve MPDRs".
- Remove Item (e) from the new rule because the AESO does not have the authority to exempt any metering points.

- **Section 3.3.2 Audit and Section 3.3.3 Checking Metering**

All attendees agreed to remove the above two sections from the new ISO rule 502.10.

- **Section 3.3.4 Disputes**

AESO proposes to remove this section from the new ISO rule 502.10 because ISO rule 103.2 Dispute resolution covers this. A concern was raised by Fortis that Measurements Canada may get involved if the AESO does not have a dispute resolution process in the new ISO rule 502.10.

Action: AESO needs to do a legal verification to see if the new Dispute rule covers the applicable dispensations in accordance with the existing section 3.3.4.

This cannot be completed before the legal review for the new rule.

4.0 Data Centre

- **Section 4.1 Scope and Section 4.2 Functional Overview**

All attendees agreed to remove the above two sections from the new ISO rule 502.10.

- **Section 4.3 System Requirements**

- **Section 4.3.1 Data Collection, Section 4.3.2 Data Processing, Section 4.3.3 Data Storage and Section 4.3.4**

These sections that apply to the AESO contain administrative items and will therefore be put into ID.

5.0 Metering Data Service

- **Section 5.1 Purpose and Section 5.2 Service Scope**

All attendees agreed to remove above two sections from the new ISO rule 502.10.

- **Section 5.3 Service Requirements**

This section identifies the MDM (Metering Data Manager) responsibilities. All attendees agree that AUC Rule 21 should be reviewed to avoid duplication or conflict with ISO rule 502.10.

Action: AESO and AUC will have a meeting to review AUC Rule 021 Section 10.

We had a meeting on Thursday, February 16, 2017 and we propose to

- Remove the V2E2 reference in the Measurement System Standard document and replace it with a reference to AUC Rule 021's VEE Standard
- Remove Section 5.3.2(b) from the Measurement System Standard document
- Although it was agreed by the working group that Section 3.3.2 Audits – be removed from the Measurement System Standard document, it was contemplated at our meeting last week whether this section was still needed. This should be re-discussed with the working group at the next meeting.

The AUC advised that the recent review of AUC Rule 024 Rules Respecting Micro-Generation should be taken into the consideration while developing the new ISO rule 502.10.

This has been included in the rule applicability.

5. Future Meetings

The next meeting (2nd meeting) is scheduled for March 3rd, 2017 from 10:00 am to 3:00 pm at the AESO office in Calgary.

The third meeting will be scheduled on April 28th, 2017 at the Fortis office in Edmonton.