

Information Document

PRC-004 Supplemental Information

ID #2018-011



Information Documents are not authoritative. Information Documents are for information purposes only and are intended to provide guidance. In the event of any discrepancy between an Information Document and any Authoritative Document(s)¹ in effect, the Authoritative Document(s) governs.

1 Purpose

This Information Document relates to the following Authoritative Document:

- Alberta reliability standard PRC-004-AB2-1, *Analysis and Mitigation of Transmission and Generation Protection System Misoperation* (“PRC-004-AB2-1”).

The purpose of this Information Document is to provide clarification related to protection system misoperations that affect the reliable operation of the bulk electric system.

2 Requirement R1

Requirement R1 refers to analyzing misoperations of protection systems that affect the reliable operation of the bulk electric system. This would include the misoperation of a protection system that protects a:

- bulk electric system element; or
- non-bulk electric system element that results in an unintended operation of a protection system that protects a bulk electric system element.

Revision History

Posting Date	Description of Changes
2019-04-10	Initial release

¹ “Authoritative Documents” is the general name given by the AESO to categories of documents made by the AESO under the authority of the *Electric Utilities Act* and associated regulations, and that contain binding legal requirements for either market participants or the AESO, or both. AESO Authoritative Documents include: the ISO rules, the Alberta reliability standards, and the ISO tariff.