

January 17, 2012

To: Alberta Utilities Commission (“AUC” or “Commission”)

**Re: Notice of Filing – Final Proposed Alberta Reliability Standard:
Protection and Control *Disturbance Monitoring Equipment Installation and Data Reporting*
PRC-018-AB-1
 (“Final Proposed PRC-018-AB-1”)**

1. The Alberta Electric System Operator (“AESO”) is forwarding and recommending that the Commission approve attached Final Proposed PRC-018-AB-1 for application as an Alberta Reliability Standard pursuant to Section 19 of the *Transmission Regulation*.
2. All reliability standards proposed for approval or rejection by the AESO are based on the reliability standards and definitions developed, or approved, and enforced by the North American Electric Reliability Corporation (“NERC”). NERC was certified as the Electric Reliability Organization (“ERO”) for the United States by the Federal Energy Regulatory Commission (“FERC”) under the US *Energy Policy Act of 2005*. NERC has been granted recognition as the ERO by the Minister of Energy in Alberta pursuant to Section 20 of the *Transmission Regulation*.
3. In accordance with Section 19 of the *Transmission Regulation*, the reliability standards that apply in Alberta are those of the ERO or any other reliability standards to the extent that such reliability standards are adopted by the AESO after consultation with market participants and after receipt of Commission approval.

Applicability

4. Final Proposed PRC-018-AB-1 is applicable to:
 - a) the legal owner of a transmission facility that owns disturbance monitoring equipment as identified in the list of *Disturbance Monitoring Equipment Locations* as required in Alberta requirement R1, as published by the AESO on the AESO website and as amended from time to time by the AESO on notice to market participants;
 - b) the legal owner of a generating unit that owns disturbance monitoring equipment as identified in the list of *Disturbance Monitoring Equipment Locations* as required in Alberta requirement R1, as published by the AESO on the AESO website and as amended from time to time by the AESO on notice to market participants;
 - c) the legal owner of an aggregated generating facility that owns disturbance monitoring equipment as identified in the list of *Disturbance Monitoring Equipment Locations* as required in Alberta requirement R1, as published by the AESO on the AESO website and as amended from time to time by the AESO on notice to market participants; and
 - d) the AESO.

Summary of Final Proposed PRC-018-AB-1

5. The purpose of Final Proposed PRC-018-AB-1 is to ensure that disturbance monitoring equipment is installed and that disturbance data is reported in accordance with regional requirements to facilitate analyses of events.

Summary of AESO Consultation

6. On July 15, 2010, the AESO posted on its website and into its stakeholder newsletter a Letter of Notice requesting comments from interested parties and market participants that the AESO considered likely to be directly affected by the proposed adoption of PRC-018-AB-1 *Disturbance Monitoring Equipment Installation and Data Reporting*.
7. On August 19, 2010, the AESO posted the Stakeholder Comments received in response to the July 15, 2010, Letter of Notice. The AESO considered all written comments received and determined that further amendments to proposed PRC-018-AB-1 were necessary, and was of the view that the additional amendments warranted re-consultation. On September 27, 2011, the AESO posted its replies to written stakeholder comments received on the July 15, 2010 Letter of Notice.
8. Accordingly, the AESO posted a Stakeholder Consultation Letter on September 27, 2011, and commenced a second consultation on proposed PRC-018-AB-1 Draft 2.1, which incorporated additional amendments to proposed PRC-018-AB-1.
9. On October 25, 2011 the AESO posted the Stakeholder Comments received in response to the September 27, 2011 Stakeholder Consultation Letter. The AESO considered all written comments received, and made further amendments to proposed PRC-018-AB-1 Draft 2.1, and on November 25, 2011, the AESO posted its replies to written stakeholder comments received on the September 27, 2011 Stakeholder Consultation Letter and attached "Final Proposed PRC-018-AB-1 Draft 2.1".

Changes to Final Proposed PRC-018-AB-1

10. Please see the AESO's July 15, 2010 Letter of Notice for a summary of proposed PRC-018-AB-1.
11. Please see the AESO's September 27, 2011 Reply Letter that identified amendments to proposed PRC-018-AB-1 as attached to the AESO's July 15, 2010 Letter of Notice.
12. Please see the AESO's September 27, 2011 Stakeholder Consultation Letter for a summary of proposed PRC-018-AB-1 Draft 2.1.
13. Please see the AESO's November 25, 2011 Reply Letter for a summary of the "Final Proposed PRC-018-AB-1 Draft 2.1" that identified and incorporated further amendments to proposed PRC-018-AB-1 Draft 2.1 attached to the September 27, 2011 Stakeholder Consultation Letter.

Attachments to Notice of Filing

14. The following documents are attached to this Notice of Filing:
 - a) Letter of Notice dated July 15, 2010, forwarded to interested parties and market participants that the AESO considers likely to be directly affected by the proposed adoption of PRC-018-AB-1, and which was posted on the AESO website on July 15, 2010;
 - b) Stakeholder Comments on the July 15, 2010 Letter of Notice posted on the AESO website August 19, 2010, setting out the written comments received, the name of the market participant or other parties who submitted each comment, and the date on which the comment was submitted;
 - c) AESO Reply Letter posted on the AESO website on September 27, 2011;
 - d) Stakeholder Consultation Letter dated September 27, 2011, forwarded to interested parties and market participants that the AESO considers likely to be directly affected by the proposed adoption of PRC-018-AB-1 Draft 2.1, and which was posted on the AESO website on September 27, 2011;

- e) Stakeholder Comments on the September 27, 2011 Stakeholder Consultation Letter posted on the AESO website on October 25, 2011, setting out the written comments received, the name of the market participant or other parties who submitted each comment, and the date on which the comment was submitted;
- f) AESO Reply Letter posted on the AESO website on November 25, 2011;
- g) Copy of the Disturbance Monitoring Equipment Locations document provided for reference; and
- h) Clean copy of Final Proposed PRC-018-AB-1.

Proposed Effective Date

- 15. The AESO proposes that Final Proposed PRC-018-AB-1 become effective on January 1, 2013.
- 16. The AESO submits that Final Proposed PRC-018-AB-1 complies with the requirements of the *Transmission Regulation*, is not technically deficient, and is in the public interest.

Yours sincerely,

<original signed by>

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Attachments