

April 9, 2020

To: Market Participants and Other Interested Parties (“Stakeholders”)

Re: **Alberta Electric System Operator (“AESO”) Reply to Stakeholder Comments on Proposed new, retirement of existing standards and to not adopt North American Electric Reliability Corporation (“NERC”) standard:**

1. **Proposed new Alberta reliability standards for adoption;**
  - (a) EOP-011-AB-1, *Emergency Operations* (“EOP-011-AB-1”);
  - (b) PRC-006-AB-3, *Automatic Underfrequency Load Shedding* (“PRC-006-AB-3”); and
  - (c) PRC-010-AB-2, *Under Voltage Load Shedding* (“PRC-010-AB-2”);(collectively referred to as “new reliability standards”)
  
2. **Proposed retirement of existing Alberta reliability standards;**
  - (a) EOP-001-AB1-2.1b, *Emergency Operations Planning*;
  - (b) EOP-002-AB1-2, *Capacity and Energy Emergencies*;
  - (c) EOP-003-AB1-1, *Load Shedding Plans*;
  - (d) PRC-009-AB-0, *UFLS Performance Following an Underfrequency Event*;
  - (e) PRC-010-AB-0, *Assessment of the Design and Effectiveness of UVLS Program*;
  - (f) PRC-021-AB1-1, *Under Voltage Load Shedding Program Data*; and
  - (g) PRC-022-AB-1, *Under Voltage Load Shedding Program Performance*.(collectively referred to as “retirement of existing reliability standards”)
  
3. **Not adopt and assess as not applicable NERC standard:**
  - (a) NERC PRC-024-2, *Generator Frequency and Voltage Protective Relay Settings* (“NERC PRC-024-2”)

(Sections 1, 2 and 3 above are collectively referred to as the “spider web project”)

On February 27, 2020, the AESO issued a [Consultation Letter](#) regarding the proposed spider web project and requested stakeholder comments on same.

### **AESO Reply to Stakeholder Comments**

The AESO received one comment on the proposed spider web project and posted it on April 7, 2020. The AESO’s reply is set out in the attached *Stakeholder Comment and AESO Replies Matrix*.

### **Amendments to PRC-006-AB-3 and PRC-010-AB-2**

Upon final review of the proposed new reliability standards, the AESO discovered a drafting error in proposed new PRC-006-AB-3, specifically, “(d) the ISO” was inadvertently omitted from the applicability section. The AESO has subsequently amended the applicability section of proposed new PRC-006-AB-3 to include “(d) the ISO”, and other minor administrative amendments, which are duly reflected in the attached blackline.

Additionally, the AESO has made the following minor administrative amendments to proposed new PRC-010-AB-2:

- (a) removed a space from 2(a);
- (b) bolded ISO tariff in 2(c), requirements R2 and R7; and
- (c) bolded under voltage load shed in requirement R3

which are duly reflected in the attached blackline.

## Forwarding of the Final Proposed Spider Web Project

Pursuant to Section 19 of the *Transmission Regulation*, the AESO expects to forward the proposed spider web project to the Alberta Utilities Commission (“Commission”) on April 30, 2020, with the AESO’s recommendation that the Commission approve the proposed spider web project as requested.

The reliability standards in the spider web project are proposed to become effective on January 1, 2022.

## Attachments to AESO Reply Letter

The following documents are attached:

1. [Stakeholder Comment and AESO Reply Matrix](#) on proposed new PRC-010-AB-2; and
2. [Blackline](#) and [clean](#) copy of proposed new PRC-010-AB-2;
3. [Copy](#) of proposed new EOP-011-AB-1;
4. [Blackline](#) and [clean](#) copy of proposed new PRC-006-AB-3;
5. [Copy](#) of existing EOP-001-AB1-2.1b;
6. [Copy](#) of existing EOP-002-AB1-2;
7. [Copy](#) of existing EOP-003-AB1-1;
8. [Copy](#) of existing PRC-009-AB-0;
9. [Copy](#) of existing PRC-010-AB-0;
10. [Copy](#) of existing PRC-021-AB1-1;
11. [Copy](#) of existing PRC-022-AB-1; and
12. [Copy](#) of NERC PRC-024-2.

If you have any questions, please contact the undersigned.

Sincerely,

*“Melissa Mitchell-Moisson”*

Melissa Mitchell-Moisson  
Regulatory Administrator  
Phone: 403-539-2948  
Email: [ars\\_comments@aeso.ca](mailto:ars_comments@aeso.ca)

Attachments