

September 12, 2017

AESO Stakeholder Newsletter

GRID

Information Update on the Riverview Substation – Need for Transmission Development in the City of Edmonton

EPCOR Distribution & Transmission Inc. (EPCOR) has applied to the Alberta Electric System Operator (AESO) for transmission system access to reliably serve growing demand for electricity in the City of Edmonton. The proposed solution remains the same, however, the date the AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need has changed. The AESO now intends to apply to the AUC for approval of the need in late 2017 or early 2018. EPCOR's request can be met by the following solution:

- Add a new substation, to be called the Riverview substation, with two 240/25 kilovolt (kV) transformers, four 240 kV circuit breakers, and associated equipment.
- Add two 240 kV transmission lines to connect the proposed Riverview substation to the existing 240 kV transmission line 1043L
- Add associated equipment as required to facilitate the proposed transmission development.

The AESO has posted a Need Overview Update for this project on its website. Please [click here](#) to view the document or visit the AESO website at www.aeso.ca and follow the path Grid > Project > Riverview Substation

Notice to Stakeholders – Technical Meeting to Present Recalculated 2017 Loss Factors Determined Under the Loss Factor Rule

On Sept. 5, 2017, the AESO posted an Invitation to Registered Participants in Proceeding 790, Phase 2, Module B and Other Interested Parties to attend a technical meeting on Sept. 14, 2017. The purpose of the technical meeting is to present recalculated 2017 loss factors posted by the AESO determined in accordance with Section 501.10 of ISO rules, *Transmission Loss Factors*. The RSVP deadline is Sept. 12, 2017.

Please [click here](#) to view the letter or visit www.aeso.ca and follow the path Grid > Loss factors > 2017 loss factor development.

Recalculated 2017 Loss Factors

On September 12, 2017, the AESO published recalculated loss factors to be effective Jan. 1, 2017, in accordance with section 501.10 of the ISO rules, *Transmission Loss Factors*. The AESO expects these loss

factors to first be used for billing of system access service under Rates STS, XOS, IOS, and DOS on statements of account issued in October 2017 for initial, interim and final settlement of Sept., July and May 2017, respectively. The AESO will advise stakeholders in a future newsletter when the recalculated loss factors will be used to adjust billing for January through April 2017.

The AESO also published additional information used to establish the loss factors. Later this week, the AESO will publish a summary of the differences between the recalculated loss factors and those published on July 13, 2017. Please [click here](#) to view the 2017 loss factors or visit the AESO website at www.aeso.ca and follow the path Grid > Loss factors > 2017 loss factors.

MARKET

Capacity Market Design Stakeholder Session

The AESO has posted the [webinar recording](#) and [presentation](#) of the Sept. 7, 2017 stakeholder session on SAM 2.0.

RULES, STANDARDS AND TARIFF

Notice of Intention to Forward Amendments to Existing Alberta Reliability Standard TPL-002-AB1-0, *System Performance Following Loss of a Single BES Element*

On Sept 28, 2017, the AESO intends to forward the final proposed amended Alberta Reliability Standard TPL-002-AB1-0, *System Performance Following Loss of a Single BES Element* (TPL-002-AB1-0) to the Alberta Utilities Commission (AUC), pursuant to Section 19 of the *Transmission Regulation*, recommending that the AUC approve this amended Alberta reliability standard.

Section 19(4) of the *Transmission Regulation* states that, before a reliability standard is adopted in Alberta, “the ISO must consult with those market participants that it considers are likely to be directly affected”. As TPL-002-AB1-0 applies only to the AESO, the AESO is not consulting with market participants on the adoption of amended TPL-002-AB1-0.

Amended TPL-002-AB1-0 is proposed to become effective on the first business day of the week following approval by the AUC.

If you have any questions or concerns, please contact us at stakeholder.relations@aeso.ca.

Our mailing address is:

Alberta Electric System Operator 2500, 330 - 5th Avenue SW Calgary, AB T2P 0L4 Canada

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