

# Need for the SS-37 Substation Upgrade in the City of Calgary area

*ENMAX Power Corporation (EPC) has applied to the Alberta Electric System Operator (AESO) for transmission system access to reliably serve growing demand for electricity in the City of Calgary. EPC's request can be met by the following solution:*

## PROPOSED SOLUTION

- Upgrade the existing SS-37 substation, including adding one 138 (kilovolt) kV transformer and one 138 kV circuit breaker.
- Add or modify associated equipment as required for the above transmission development.

## REVISED NEXT STEPS

- The AESO originally intended to apply to the Alberta Utilities Commission (AUC) for approval of the need in early 2021. Due to project re-scheduling, the AESO now intends to apply to the AUC for approval in mid 2022.
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/stakeholder-engagement/transmission-projects](http://www.aeso.ca/stakeholder-engagement/transmission-projects) at the time of its application to the AUC.

*The following organizations have key roles and responsibilities in providing access to the transmission system:*

## THE AESO

- Must plan the transmission system and enable access to it for generators and other qualified customers.
- Is regulated by the AUC and must apply to the AUC for approval of its NID.

## ENMAX POWER CORPORATION

- Is the transmission facility owner in the City of Calgary area.
- Is responsible for detailed siting and routing, constructing, operating and maintaining the transmission facilities.
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications.

## WHO IS THE AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans. We are a not-for-profit organization with no financial interest or investment of any kind in the power industry.

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

## CONTACT US

### Alberta Electric System Operator

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