

# Need for the Genesee Units G6 and G7 Connection in the Warburg area

*Capital Power L.P. (Capital Power) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its approved Genesee Units G6 and G7 (Facility) in the Warburg area. Capital Power's request can be met by the following solution:*

## PROPOSED SOLUTION

- Modify the existing Genesee 330P substation, including replacing eight 138 kilovolt (kV) circuit breakers with eight new 138 kV circuit breakers, replacing one of the existing 138/500 kV transformers with a new 138/500 kV transformer, and adding four 500 kV circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.

## NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-2022.
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/grid/projects](http://www.aeso.ca/grid/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.

## EPCOR

- Is the transmission facility owner in the Warburg 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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