

NO. 37 SUBSTATION

Capacity Upgrade Project



PROJECT OVERVIEW

ENMAX Power Corporation (ENMAX Power) No. 37 Substation, located at 5099 68 Street SE, was built in 1971. ENMAX Power has identified the need for additional capacity at this substation to serve the forecasted customer load growth in the area. ENMAX Power is working with the Alberta Electric System Operator (AESO) to increase the capacity at No. 37 Substation (the Project) and intends to apply to the Alberta Utilities Commission (AUC) for approval of the Project. The Project, if approved, will improve the reliability of the substation and ensure that electricity supply to customers in the area is maintained.

As part of the Project, ENMAX Power is proposing to, among other things, replace an existing transformer located at the substation with a higher capacity transformer, construct a new building and extend the substation fence line. The new fence line would be located approximately 11 metres north of the existing fence line.

For more information regarding the need for the Project, please see the AESO Need Overview document included in this Project package.

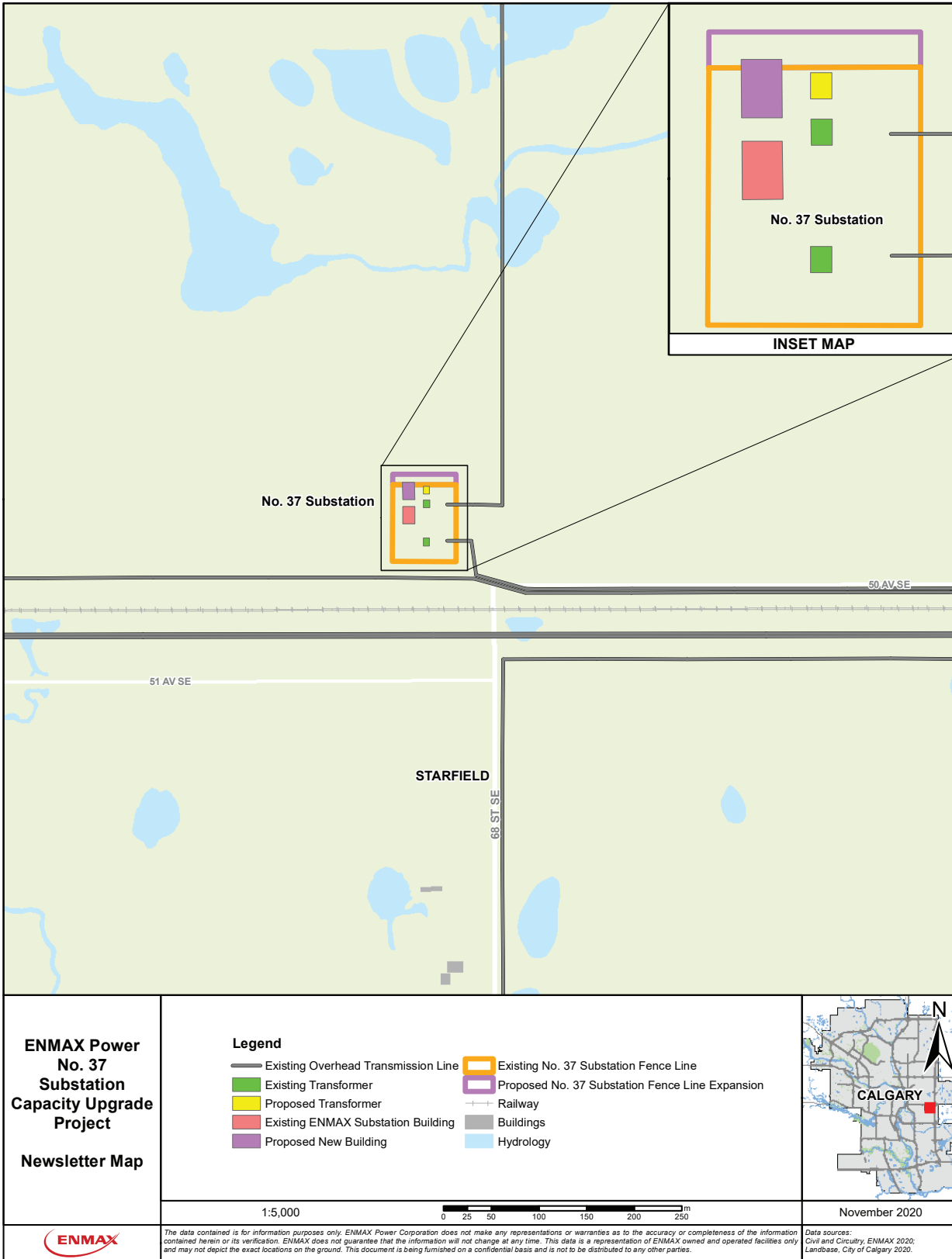
PROPOSED SCHEDULE

ENMAX Power had previously engaged with stakeholders and expected to file the application in 2021. ENMAX Power now plans to file with the AUC in Q2 2022. Subject to receiving approvals and procuring materials, construction is anticipated to begin in Q2 2023, with an expected in-service date in Q4 2024.

**For more than 100 years,
ENMAX Power has delivered safe
and reliable electricity in Calgary.**

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PROJECT DESCRIPTION

Proposed upgrades to the existing substation include:

- replacement of one existing 13.8kV-25kV transformer with one new 138kV-25kV transformer;
- removal of the electrical equipment associated with the existing 138kV-25kV transformer;
- installation of one new 25kV switchgear lineup, housed in a new building;
- installation of one new 138kV bus tie breaker and associated disconnect switches; and
- expansion of the existing substation fence line approximately 11 metres to the north, within the existing ENMAX Power property line, to accommodate the additional equipment.

CONSTRUCTION METHODS

The proposed construction activities will take place at the existing No. 37 Substation location. Temporary access accommodations and road closures may be periodically required during construction. ENMAX Power will work with stakeholders and The City of Calgary to minimize the impact to residences, businesses and commuters in the area. There are no planned power outages associated with Project construction.

COMMITMENT TO COMMUNITY

We are committed to being a responsible corporate neighbour. Our commitment includes providing timely and meaningful engagement with stakeholders about our projects. We provide opportunities for stakeholders, including residents, occupants and landowners, to be informed about our projects, and to engage with us from the planning phase through construction and beyond.

Transformer: Equipment that reduces the high voltage electricity coming in through transmission lines to a lower voltage suitable to send through distribution lines.

Switchgear: Switchgear is composed of electrical disconnect switches or circuit breakers used to control, protect and isolate electrical equipment.

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ABOUT ENMAX CORPORATION

Headquartered in Calgary, Alberta, with operations across Alberta and Maine, ENMAX Corporation (ENMAX) is a leading provider of electricity services, products and solutions. Through its subsidiaries, ENMAX Power and Versant Power, ENMAX owns and operates transmission and distribution utilities in Calgary, Alberta and northern and eastern Maine, safely and reliably delivering electricity to all Calgary homes and businesses and more than 159,000 customers in Maine. Through ENMAX Energy Corporation, ENMAX owns and operates 1,512 MW of generation and offers a range of innovative electricity, natural gas and energy services to more than 690,000 residential, commercial and industrial customers across Alberta. ENMAX is a private corporation and The City of Calgary is its sole shareholder.

ABOUT THE ALBERTA ELECTRIC SYSTEM OPERATOR

The AESO is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid. For more information about why this Project is needed, please refer to the AESO's Need Overview included with this package or visit www.aeso.ca. If you have any questions or concerns about the need for this Project, you may contact the AESO directly. You can also make your questions or concerns known to an ENMAX Power representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

CONTACT INFORMATION

Your input is valuable to us. We will ensure you get answers to your questions and your concerns are understood.

For more information about the Project, please contact:

ENMAX POWER CORPORATION

Phone: 403-514-1471

E-mail: stakeholderrelations@enmax.com

Website: enmax.com/sub37capacityupgrade

For more information about the need for this Project, please contact:

ALBERTA ELECTRIC SYSTEM OPERATOR

Phone: 1-888-866-2959

Email: stakeholder.relations@aeso.ca

Website: aeso.ca

To learn more about the regulatory process, please contact:

ALBERTA UTILITIES COMMISSION

Phone: 403-310-4282

Email: info@auc.ab.ca

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