

32 AVENUE NORTHWEST

Transmission Line Letter of Enquiry Application



Request for Approval to Maintain Current Overhead Structures on a Permanent Basis

APPLICATION OVERVIEW

ENMAX Power Corporation (ENMAX Power) owns and operates transmission lines 16.60L and 21.61L (respectively, 16.60L and 21.61L), which are 69 kilovolt (kV) transmission lines that provide electrical services to nearby communities in northwest Calgary. In this area, the lines share the same transmission structures which are located along the south side of 32 Avenue NW, from the corner of Home Road NW to the corner of 37 Street NW, where they connect to ENMAX No. 34 Substation.

ENMAX Power intends to apply to the Alberta Utilities Commission (AUC) for approval to leave overhead portions of 16.60L and 21.61L in place permanently (Application).

In 2014, ENMAX Power replaced underground cable portions of 16.60L and 21.61L with overhead transmission lines (Overhead Replacement). Approval of the Overhead Replacement was requested as an interim solution to ensure reliability after a fault occurred on underground cable 16.60L (which was double circuited with 21.61L). The Overhead Replacement is comprised of seven wood poles and one self-supporting steel monopole.

Since ENMAX Power received AUC approval of the Overhead Replacement, ENMAX Power has evaluated various options for permanent arrangements, in the context of technical drivers, guided by its obligation to operate and maintain its transmission facilities in a safe, reliable and economic manner. ENMAX Power is of the view that maintaining the Overhead Replacement is the most reasonable and prudent solution as it avoids incremental impacts to customers (including financial impacts) associated with new configurations. The overhead facilities are capable of being operated, safely and reliably, for several decades.

PROPOSED SCHEDULE

ENMAX Power plans to file a Letter of Enquiry Application with the AUC in Q2 2025

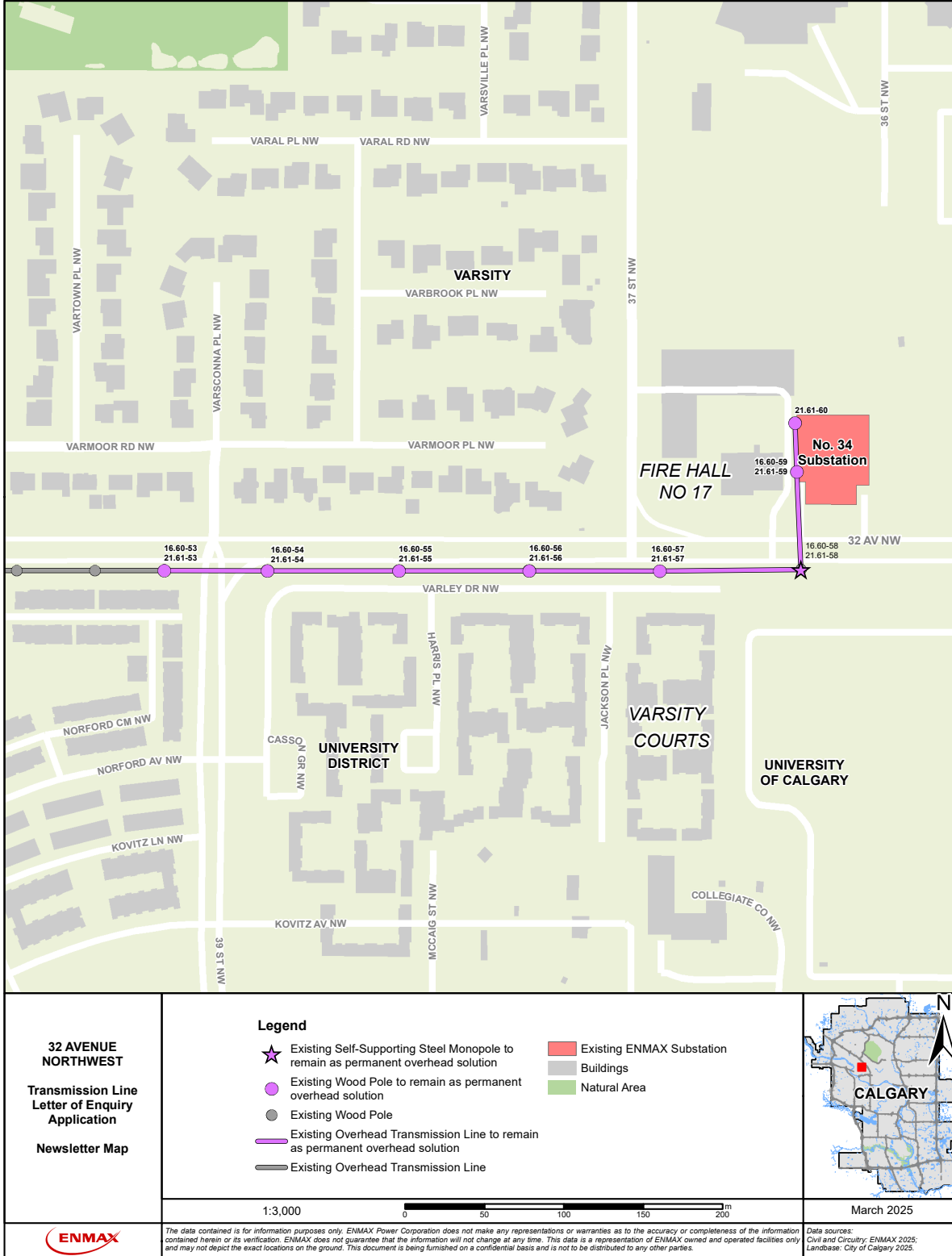
For more than 100 years, ENMAX Power has delivered safe and reliable electricity in Calgary.

32 AVENUE NORTHWEST

Transmission Line Letter of Enquiry Application

DETAILS OF THE OVERHEAD REPLACEMENT STRUCTURES

The Application will seek AUC approval to allow the Overhead Replacement structures, which are identified on the map below, to remain in place as a permanent overhead arrangement:



32 AVENUE NORTHWEST

Transmission Line Letter of Enquiry Application

The existing Overhead Replacement transmission structures range from approximately 15 to 26 meters in height and run approximately 510 meters in length.



Self-Supporting Steel Monopole



Wood Pole

Cable fault: Unintentional short circuit between energized cable conductors or between energized cable conductors and ground.

Double circuit: Two transmission lines on the same transmission structure, with each single circuit made up of three sets of conductors in the same alignment.

Self-supporting steel monopole: A self-supporting steel pole structure designed to support and carry overhead transmission lines.

Transmission lines: High voltage power lines that transport large quantities of electricity over long distances.

Wood pole: A wood pole structure designed to support and carry overhead transmission lines. Wood pole structures may require guy wires where technically required.

32 AVENUE NORTHWEST

Transmission Line Letter of Enquiry Application



COMMITMENT TO COMMUNITY

ENMAX Power is committed to being a responsible corporate neighbour. Our commitment includes providing timely and meaningful engagement with stakeholders about our projects and applications. We provide opportunities for stakeholders, including residents, occupants and landowners, to be informed about our projects and applications, and to engage with us at all stages.

ABOUT ENMAX CORPORATION

The ENMAX group of companies is a leading provider of electricity services, products and solutions.

We are headquartered in Calgary, Alberta, with operations across Alberta and Maine.

Through our subsidiaries, ENMAX Power Corporation and Versant Power, we own and operate transmission and distribution utilities that safely and reliably deliver electricity to customers in Calgary and northern and eastern Maine.

Through ENMAX Energy Corporation, ENMAX owns and operates power generation facilities and offers a range of electricity and natural gas products and services to residential, commercial and industrial customers across Alberta. ENMAX is a private corporation and The City of Calgary is its sole shareholder.

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 proposed Project, please contact:

ENMAX POWER CORPORATION

Phone: 403-514-1471

E-mail: stakeholderrelations@enmax.com

Website: enmax.com/32Avenue

To learn more about the regulatory process, please contact:

ALBERTA UTILITIES COMMISSION

Phone: 403-310-4282

Email: info@auc.ab.ca

Website: auc.ab.ca