

SUN VALLEY BOULEVARD SOUTHEAST 40.81L

Transmission Line Alteration



PROJECT OVERVIEW

ENMAX Power Corporation (ENMAX Power) owns and operates transmission line 40.81 (40.81L), which provides electrical services to residential and commercial properties in Calgary's Sundance and Midnapore communities and surrounding areas. 40.81L is a 138-kilovolt transmission line that runs south from ENMAX No. 40 Substation (1895 153 Avenue SE), down Bow Bottom Trail and through Fish Creek Park, continues west along Sun Valley Boulevard SE, where it meets ENMAX No. 41 Substation (123 Shalom Way SE).

ENMAX Power intends to apply to the Alberta Utilities Commission (AUC) for approval to alter 40.81L by removing one existing wood pole and one existing self-supporting steel monopole, and replacing them with one wood pole, and one self-supporting steel monopole within the existing alignment, near the intersection of Sun Valley Boulevard SE and Midpark Boulevard SE (the Project).

The proposed pole replacements will increase the height of the 40.81L transmission line, which will allow ENMAX Power to comply with clearance requirements between the 40.81L conductors and a traffic light in the area. The Project will ensure the continued safe, reliable, and efficient operation of ENMAX Power's electrical system.

PROPOSED SCHEDULE

ENMAX Power plans to file a Checklist Application with the AUC in Q1 2024. Subject to receiving approvals and the procurement of materials, construction is anticipated to begin in Q2 2024. Construction is anticipated to take approximately two weeks with a proposed in-service date in Q2 2024. We encourage stakeholders to consult the webpage for the most up-to-date construction information.

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

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TRANSMISSION STRUCTURES

The new wood pole and self-supporting steel monopole will be approximately 20 meters and 23 meters in height, respectively, and the existing wood pole and self-supporting steel monopole are approximately 19 meters in height.



Example of a Wood Pole



Example of a Steel Monopole

Conductor: A wire typically made up of multiple aluminum strands around a steel or copper core that together carry electricity. A conductor is strung between transmission structures.

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

Transmission Line: High voltage power line that transports large quantities of power over long distances.

Wood Pole: A self-supporting structure made of wood designed to support and carry overhead transmission lines.

CONSTRUCTION METHODS

The proposed construction activities will take place near the intersection of Sun Valley Boulevard SE and Midpark Boulevard SE. Temporary access accommodations 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.

POWER OUTAGES

There are no planned power outages impacting customers as part of the proposed work.

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MAP OF AREA

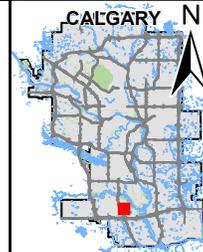


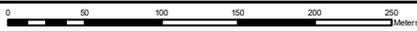
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Newsletter
Map

Legend

-  Existing Wood Pole to be Replaced with Wood Pole
-  Existing Steel Pole to be Replaced with Steel Monopole
-  Existing Steel Monopole
-  Existing Wood Pole
-  Existing Overhead Transmission Line
-  Buildings
-  Hydrology
-  Natural Area



1:4,000 

January 2024



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Data sources:
 Civil and Circultry: ENMAX 2023;
 Landbase: City of Calgary 2023.

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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. ENMAX Corporation (ENMAX) is headquartered in Calgary, Alberta, with operations across Alberta and Maine. Through its subsidiaries, ENMAX Power Corporation and Versant Power, ENMAX owns and operates 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 innovative 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

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To learn more about the regulatory process, please contact:

ALBERTA UTILITIES COMMISSION

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