

# Northwest Calgary

## 20.82/1.81L Transmission Line Alteration



### PROJECT OVERVIEW

ENMAX Power Corporation (ENMAX Power) owns and operates two 138 kilovolt (kV) transmission lines 20.82L (20.82L) and 1.81L (1.81L) which connect to ENMAX No. 20 Substation at 2508 Bowness Road NW.

ENMAX Power is proposing to alter 20.82L and 1.81L by replacing four existing wood poles with four steel H-frame structures and locate them farther from the Bow River and the Bow River Pathway (Pathway), to address flood risk in alignment with ENMAX Power's ongoing flood risk mitigation program. The conductors will also be replaced along the approximate 500 meter span between the H-frame structures. The distance between the new structures will increase the structure heights by 1-4 meters, and the alteration will allow an existing wood pole to be removed (The Project).

ENMAX Power intends to file a facility application with the Alberta Utilities Commission (AUC) for approval of the Project. Details of the alteration are depicted in the map included in the newsletter.

### PROPOSED SCHEDULE

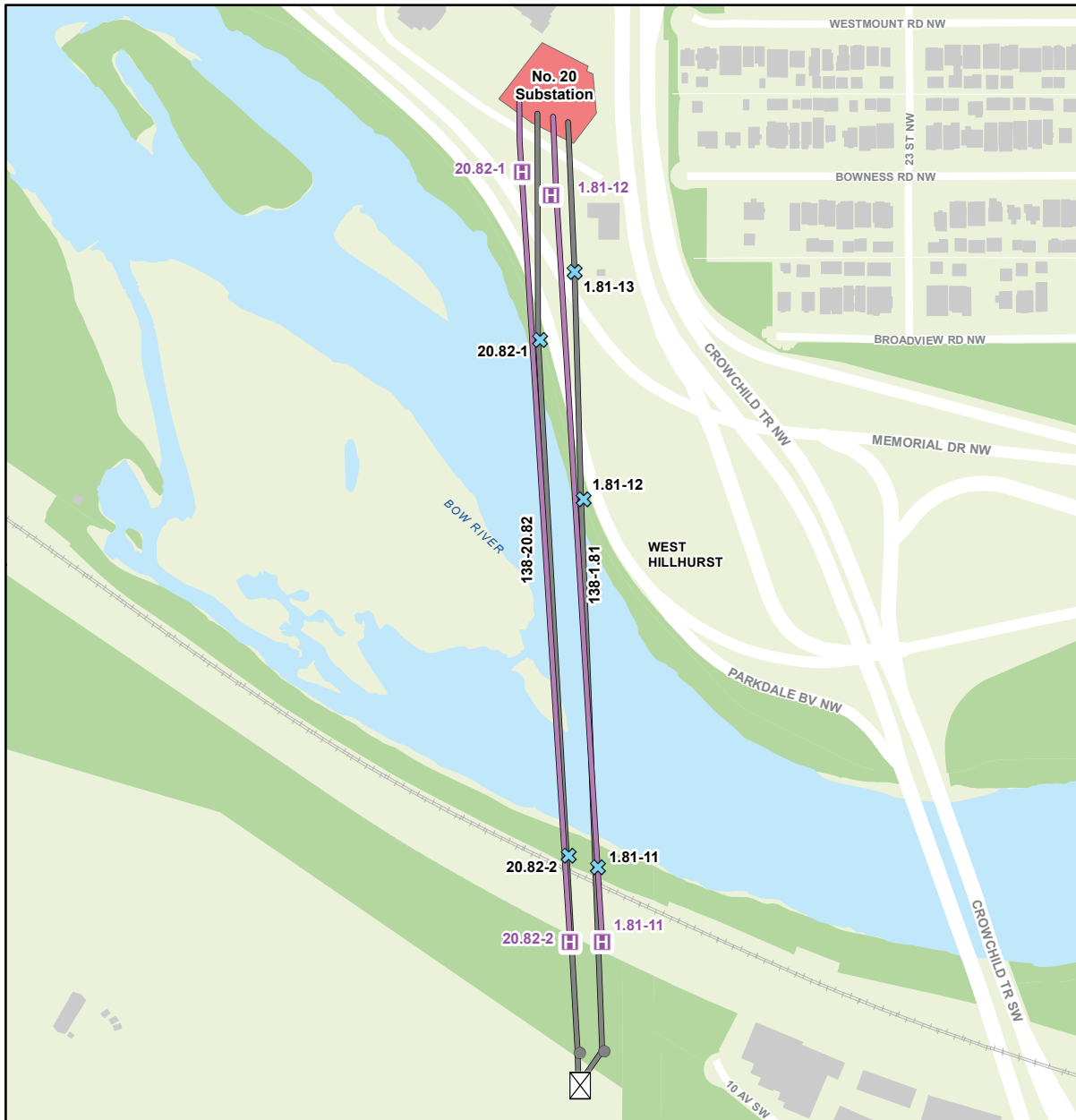
ENMAX Power plans to file a facility application for the Project with the AUC in Q3 2025. Subject to receiving approvals and the procurement of materials, construction is anticipated to begin in Q3 2026. Construction is anticipated to take approximately 2 months, with a proposed in-service date in Q4 2026.

Stakeholders are encouraged 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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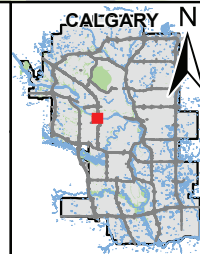


**ENMAX Power  
NORTHWEST  
CALGARY  
20.82/1.81L  
Transmission Line  
Alteration**

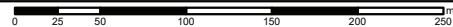
**Newsletter  
Map**

## Legend

- Existing Steel Lattice Structure
- Proposed Steel H Frame Structure
- Existing Wood Pole
- Wood Pole to be Removed
- Railway
- Existing Overhead Transmission Line
- Proposed Overhead Transmission Line
- Existing ENMAX Substation
- Buildings
- Hydrology
- Natural Area



1:3,500  
(If printed on 8.5" x 11")



June 2025



The data contained is for information purposes only. ENMAX Power Corporation does not make any representations or warranties as to the accuracy or completeness of the information contained herein or its verification. ENMAX does not guarantee that the information will not change at any time. This data is a representation of ENMAX owned and operated facilities only and may not depict the exact locations on the ground. This document is being furnished on a confidential basis and is not to be distributed to any other parties.

Data sources: Civil and Circuity: ENMAX 2025; Calgary Landbase: City of Calgary 2025; Rocky View Landbase: Rocky View County 2025; Tsouline Landbase: Tsouline 2025.

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### PROJECT IMPACTS AND MITIGATION MEASURES

#### Road Closures

ENMAX Power anticipates the need to close certain roads and lanes periodically during the construction of the Project. Such closures will be detailed in a traffic management plan to be approved by The City of Calgary. Construction will be completed in segments and in a manner that limits impacts to sidewalks, bike lanes and traffic. Certain activities will be performed during periods of low traffic volumes, where possible.

#### Bow River Pathway

ENMAX Power anticipates the need to close portions of the Bow River Pathways during construction of the Project. Such closures and detour information will be communicated directly to pathway users via The City of Calgary Pathway closures webpage at [Calgary.ca/pathwayclosures](http://Calgary.ca/pathwayclosures) or call 3-1-1.

#### Power Outages

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

### TRANSMISSION STRUCTURES

Subject to the detailed design, the proposed transmission structures will be comprised of four H-Frame Steel Structures. The transmission structures are expected to be approximately 27 meters in height, as required to meet design and safety standards.



Example of Steel H-Frame Structure

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

**Steel H-Frame Structure:** A self-supporting steel structure consisting of two vertical supports connected by a horizontal cross arm and sway bracing designed to carry overhead transmission lines that cross a large feature, such as a railway line, river or valley.

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

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

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### OPEN HOUSES

Our team is committed to actively engaging with stakeholders and obtaining your feedback about the proposed Project – your input is valuable to us. The stakeholder consultation process will allow us to effectively share Project information and discuss any questions or concerns you may have in advance of filing the Project application for the Project with the AUC.

Please feel free to attend any of the following Open House sessions outlined below:

**Dates:** July 15, 16, 2025

**Location:** Best Western Village Park Inn  
1804 Crowchild Trail NW, Calgary

**Daytime:** 11:00 am – 3:00 pm

**Evening:** 4:00 pm – 8:00 pm



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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

**E-mail:** [stakeholderrelations@enmax.com](mailto:stakeholderrelations@enmax.com)

**Website:** [enmax.com/northwest2082](http://enmax.com/northwest2082)

To learn more about the regulatory process, please contact:

#### ALBERTA UTILITIES COMMISSION

**Phone:** 403-310-4282

**Email:** [info@auc.ab.ca](mailto:info@auc.ab.ca)

**Website:** [auc.ab.ca](http://auc.ab.ca)