

# 50 AVENUE SOUTHEAST

## 23.80L Transmission Line Alteration



### PROJECT OVERVIEW

ENMAX Power Corporation (ENMAX Power) owns and operates transmission line 23.80L (23.80L), which provides electrical services to residential and commercial properties in Calgary's Eastfield and Foothills communities and surrounding areas. 23.80L is a 138-kilovolt transmission line that runs east from ENMAX No. 23 Substation (2412 50 Avenue SE) to the AltaLink Janet Substation (at the corner of 50 Avenue and Garden Road SE).

The City of Calgary (the City) has requested that ENMAX Power alter the existing 23.80L to accommodate the road widening of 50 Avenue SE (east of 52 Street SE) in preparation for the planned construction of the Great Plains / Starfield subdivision.

ENMAX Power intends to apply to the Alberta Utilities Commission (AUC) for approval to alter a 600-meter section of 23.80L by relocating four existing laminated wood poles approximately 8 meters north of their current alignment and replacing one existing laminated wood pole in its existing location (the Project). This Project will allow the City to complete the planned widening of this section of 50 Avenue SE while ensuring 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 2023. Subject to receiving approvals and the procurement of materials, construction is anticipated to begin in Q2 2023. Construction is anticipated to take approximately three weeks with a proposed in-service date in Q2 2023. 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 proposed laminated wood poles range in height from approximately 20 to 23 meters, consistent with the transmission structures currently in place.



Example of Laminated Wood Pole

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

**Laminated Wood Pole:** A laminated wood pole structure designed to support and carry overhead transmission lines.

### CONSTRUCTION METHODS

Temporary access accommodations and road closures may be periodically required during construction. The proposed construction activities will take place along a 600-meter section of 50 Avenue SE, east of 52 Street SE. ENMAX Power will work with stakeholders and the City to minimize impacts to residences, businesses, and commuters in the area.

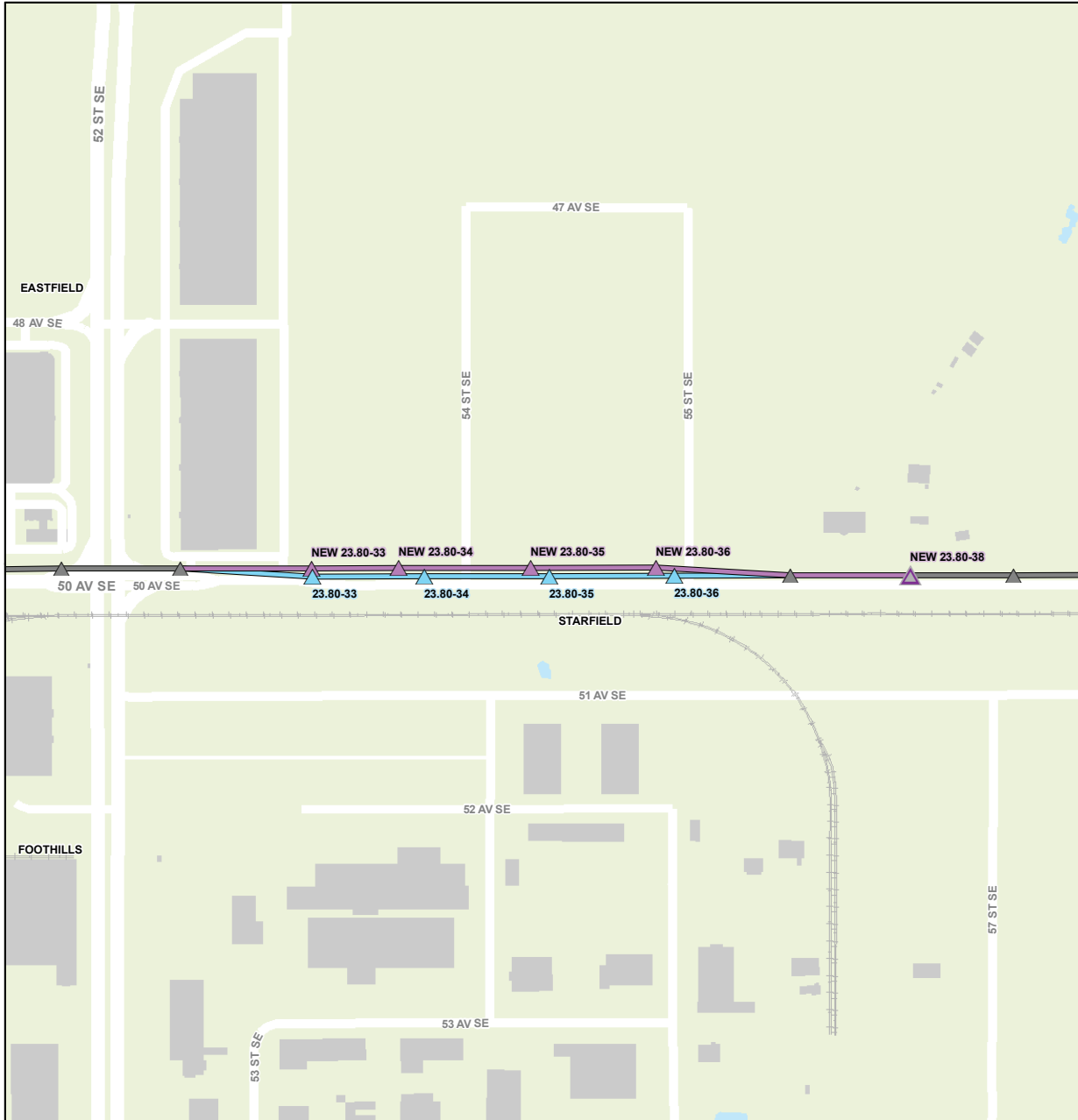
### POWER OUTAGES

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

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### MAP OF AREA



**50 AVENUE SOUTHEAST  
23.80L  
Transmission Line Alteration  
Newsletter Map**

**Legend**

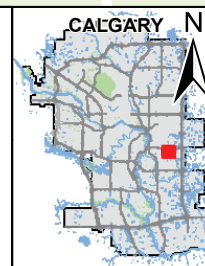
**Transmission Structures**

- ▲ Existing Laminated Wood Pole
- ▲ Proposed Laminated Wood Pole
- ▲ Existing Laminated Wood Pole to be Replaced
- ▲ Existing Laminated Wood Pole to be Removed

**Transmission Routes**

- Existing Overhead Transmission Route
- Proposed Overhead Transmission Route
- Existing Overhead Transmission Route to be Removed

- Railway
- Buildings
- Hydrology



1:5,000



February 2023



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

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### 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 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

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 Corporation 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 162,000 customers in Maine. Through ENMAX Energy Corporation, ENMAX owns and operates 1,522 MW of generation and offers a range of innovative electricity, natural gas and energy services to approximately 700,000 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/50avesoutheast](http://enmax.com/50avesoutheast)

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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)