# Central Calgary

| Transmission Line Replacement



## PROJECT OVERVIEW

For more than 40 years, ENMAX Power's 138 kilovolt (kV) transmission line, 3.82L, which connects ENMAX No. 8 Substation (903 4 Avenue SW) and ENMAX No. 3 Substation (139 17 Avenue NW), has carried electricity to homes and businesses in central Calgary. This line is reaching its end of life and needs to be replaced to continue providing reliable power for Calgarians.

ENMAX Power also owns and operates another 138 kV transmission line, 2.83L, which connects ENMAX No. 13 Substation (867 32 Avenue NE) and ENMAX No. 2 Substation (3120 9 Street SE). To replace 3.82L, we are proposing a new transmission line (Central Calgary Transmission Line) that will start at ENMAX No. 3 Substation and connect to the existing 2.83L line near 16 Avenue NE and Deerfoot Trail NE (The Project).

Minor changes are required to transmission lines within ENMAX No. 3 Substation, ENMAX No. 13 Substation and ENMAX No. 2 Substation. Certain equipment outside of these substations' fence lines must also be modified. Upon completion of the Project, the existing 3.82L line will no longer operate.

Since our May 2026 newsletter, ENMAX Power has continued its stakeholder consultations and technical evaluations of the routes presented in that newsletter. Through this work, **we have identified two comparable routes:**

- The preferred 4B route with route variants 1B and 2B
- The alternate 7D route

**ENMAX Power is looking for additional feedback on all route options that we are considering for inclusion in our upcoming application.**

## Contact information

We're committed to actively engaging community members and obtaining your feedback. **Please contact our stakeholder relations team to learn more about the Project and ask questions:**

**ENMAX Power Stakeholder Relations**

**Phone:** 403-514-1471
**E-mail:** stakeholderrelations@enmax.com
**Website:** enmax.com/cctl

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

We encourage stakeholders to consult the webpage for the most up-to-date construction information.

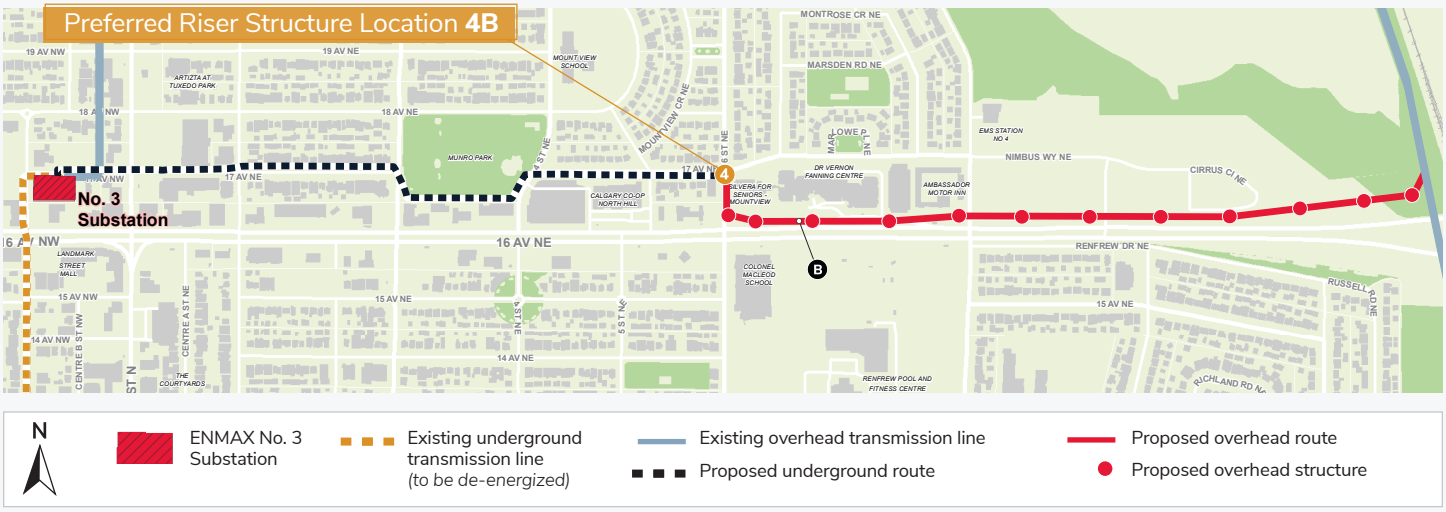
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## Proposed routes

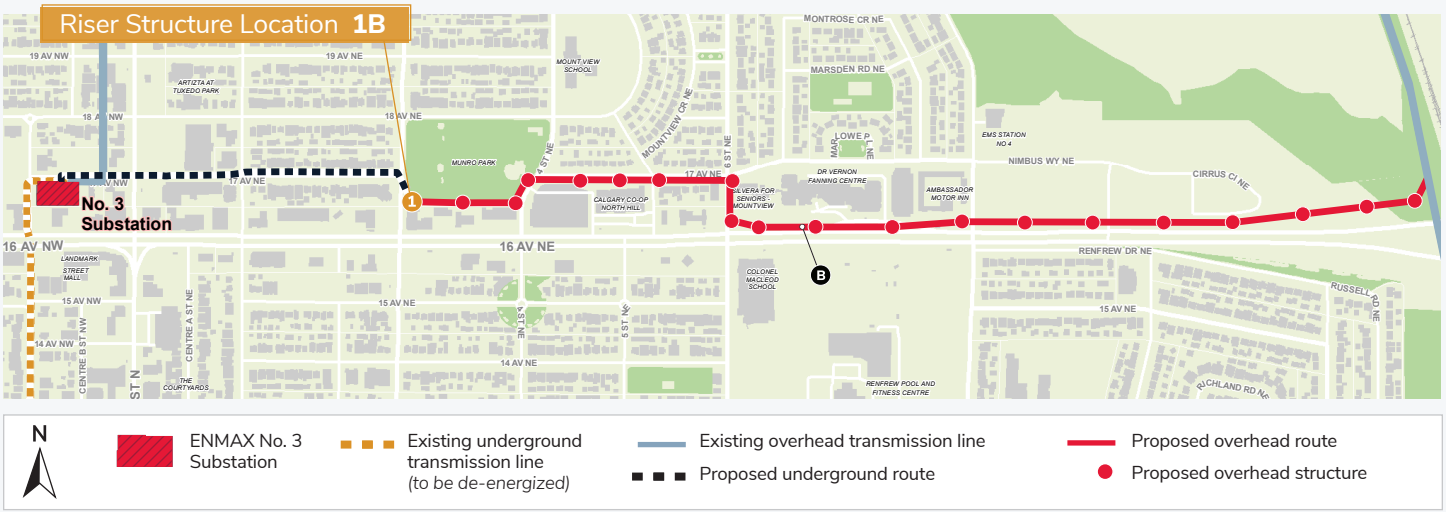
### Preferred route

This route transitions from underground to overhead at the northeast corner of 17 Ave NE and 6 Street NE. As a result, it mitigates many concerns raised by stakeholders, including visual impacts, canopy impacts and Munro Park and potential impacts to property values and future development. When these benefits are balanced against the additional cost, ENMAX Power determined that this route has the lowest overall impacts. Feedback received during consultation played an important role in shaping the Preferred route, including support for using a larger portion of 16 Avenue NE.



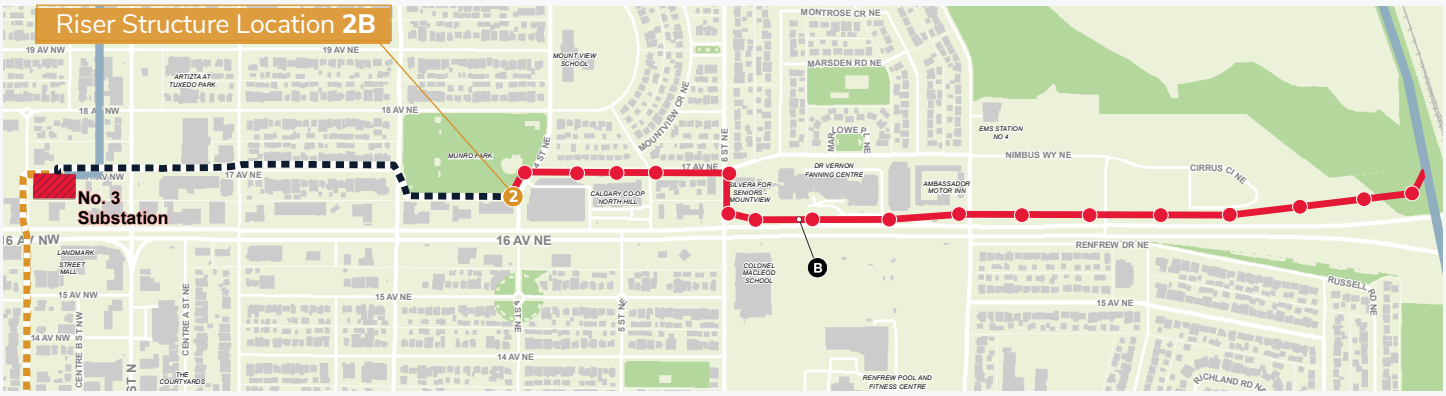

### Route variants 1B and 2B

The alternate route variants 1B and 2B are included because they are lower cost than the Preferred Route, but have greater visual impacts, canopy impacts and potential development impacts. As shown on the maps below, these route variants transition from underground to overhead at either the southwest corner (1B) or southeast corner (2B) of Munro Park.



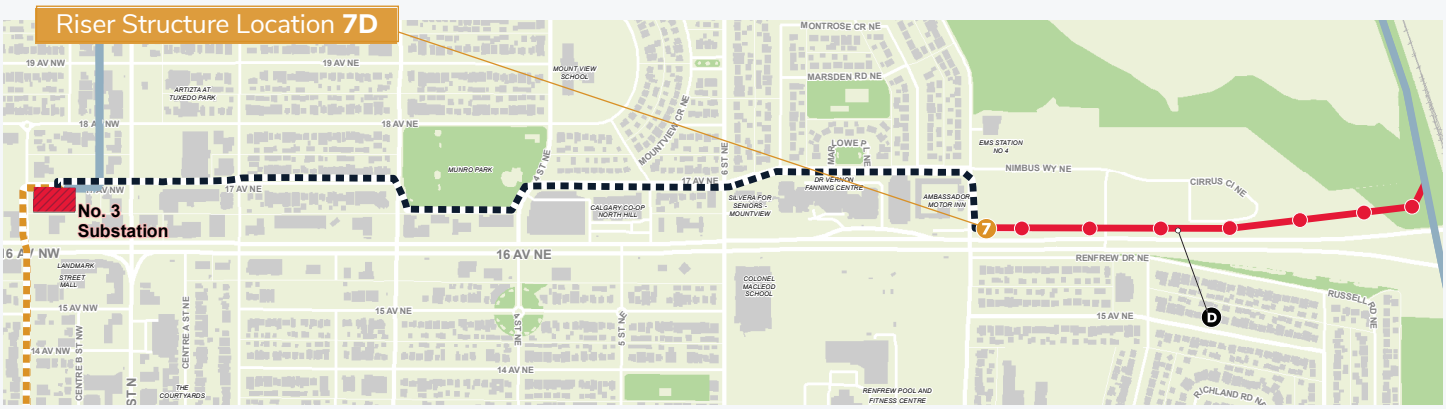
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## Alternate route 7D

The alternate route 7D transitions from underground to overhead infrastructure on 16 Avenue NE east of Moncton Road NE and has the longest proportion of underground infrastructure. This would reduce many impacts associated with an overhead alignment, but more underground infrastructure results in the highest overall cost.

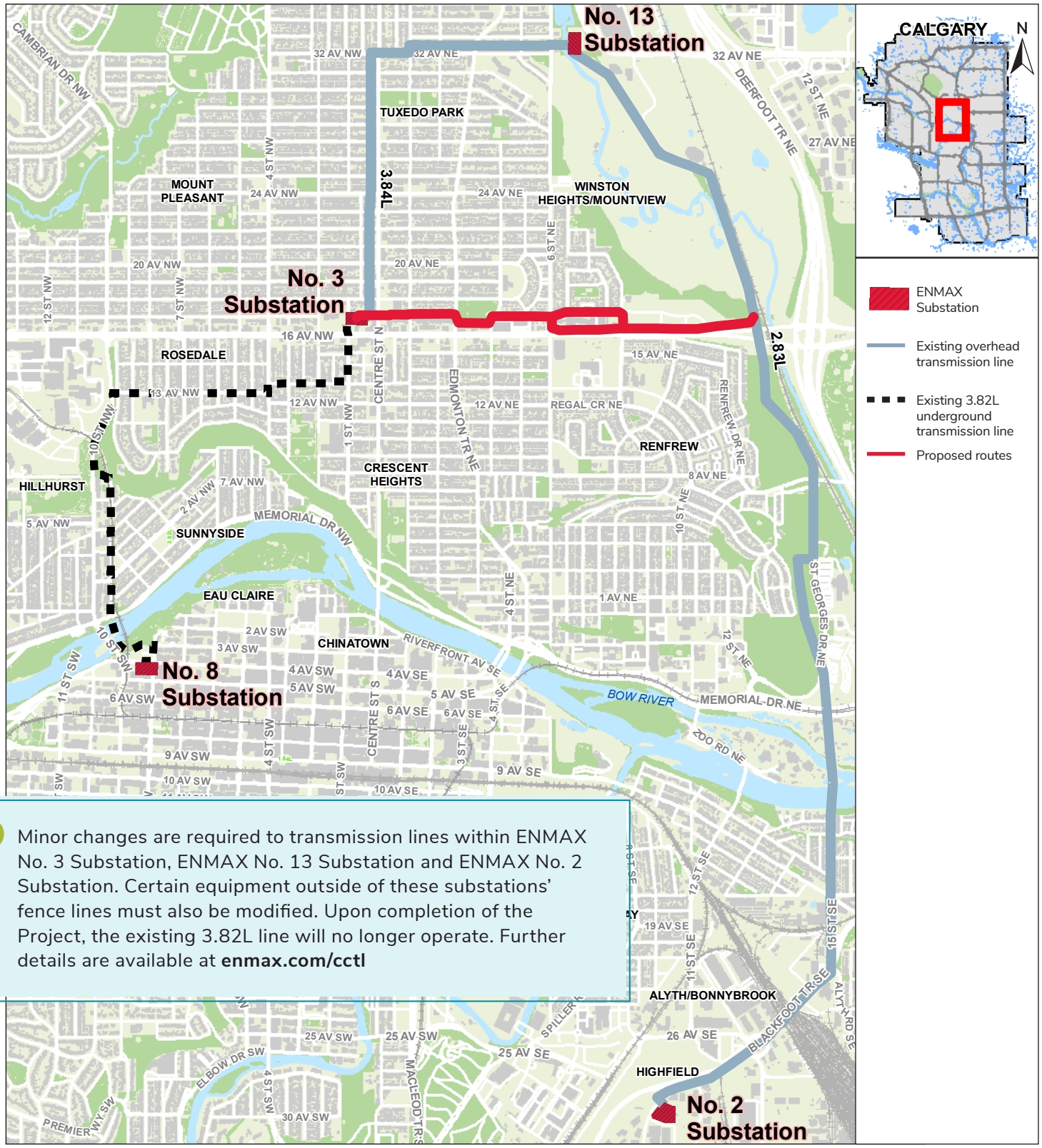



## Routes no longer under consideration

Based on ongoing stakeholder consultation and technical evaluation, riser structure locations 3, 5, 6 and 8 and route options A, C and E that were included in the May 2026 newsletter were eliminated. For further details on these route and configuration options you can visit our webpage at **enmax.com/cctl**.

# Central Calgary

Project overview map




Minor changes are required to transmission lines within ENMAX No. 3 Substation, ENMAX No. 13 Substation and ENMAX No. 2 Substation. Certain equipment outside of these substations' fence lines must also be modified. Upon completion of the Project, the existing 3.82L line will no longer operate. Further details are available at **enmax.com/cctl**

*Disclaimer: 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.*

Data sources: Civil and Circuitry: ENMAX 2026; Landbase: City of Calgary 2026. Copyright © The City of Calgary. All rights reserved. Use subject to License.

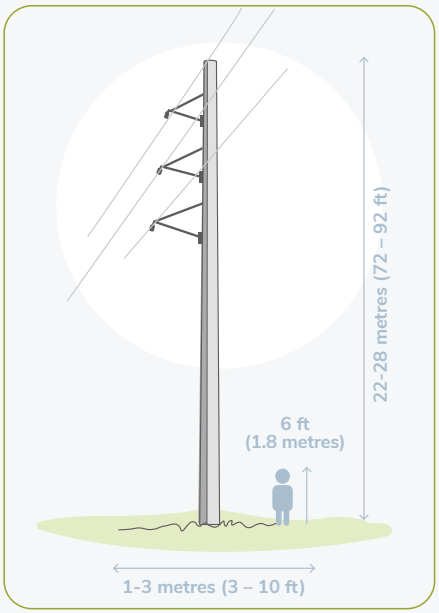
## Project renderings

We encourage stakeholders to visit our project website at **enmax.com/cctl** for additional information, including Project renderings. If you are unable to access content online, a copy of any online materials can be provided upon request.

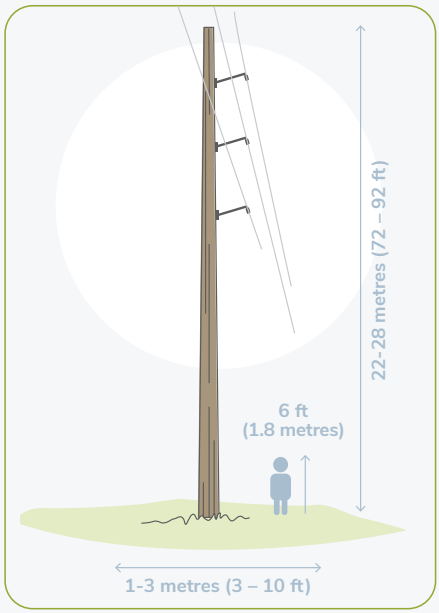
## Proposed infrastructure

### Overhead transmission structures

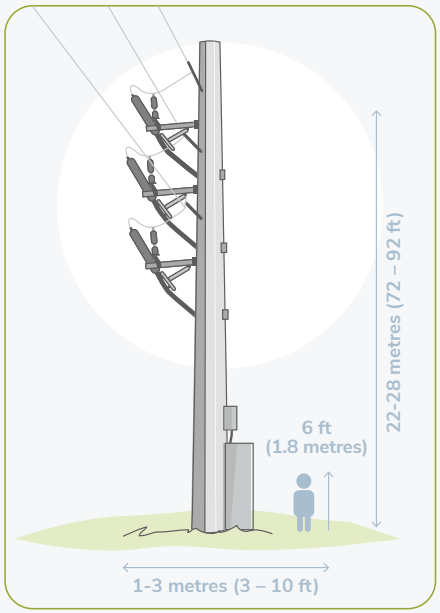
Subject to detailed design, the overhead portion of the Central Calgary Transmission Line is expected to include self-supporting steel monopoles or laminated wood structures, along with a single steel riser structure. These structures are expected to range in height from approximately 22 to 28 metres, as required to meet design and safety standards.




*Self-supporting steel monopole*



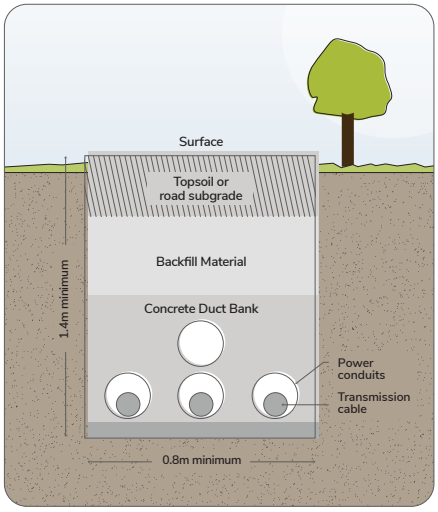

*Laminated wood pole*




*Riser structure*

### Underground cable infrastructure

Subject to detailed design, the underground portion of the Central Calgary Transmission Line will be built using a **concrete duct bank** which will protect the underground transmission cables from moisture, physical damage and corrosion, while also providing access for cable inspection and maintenance.



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### What underground construction could look like

Crews dig a trench, build a concrete duct bank to house the cables, install the underground cables and then restore the surface when work is complete. Crews will also build maintenance holes and temporarily close roads to pull underground cables through the ducts.





## Project considerations

Project details will continue to be refined as engineering design, stakeholder consultation and regulatory review progress.

- **Construction planning:** Construction planning will be further developed following Alberta Utilities Commission (AUC) approval of a route. ENMAX Power will work with stakeholders and The City of Calgary to minimize potential impacts where feasible.
- **Noise:** We will comply with municipal noise bylaws during construction and AUC Rule 012 limits upon completion of the project.
- **Power outages:** There are no planned power outages impacting customers as part of the proposed work.
- **Proposed schedule:** Pending AUC route and project approval, construction is anticipated to begin in 2028 and take approximately 10 months to complete. An in-service date is currently anticipated in late 2028.

## Next steps

We appreciate the time community members have taken to learn about the Project and share feedback with us. We encourage you to review the materials in this package and contact our stakeholder relations team if you would like to book a meeting, ask questions or provide additional comments. Feedback received through this consultation process will be considered as we prepare our facility application for the AUC.

We anticipate filing the facility application with the final routes by the end of 2026. Through its regulatory process, the AUC will determine whether any of the routes presented in the facility application are in the public interest and should be approved for construction.

## About ENMAX Corporation

ENMAX provides electricity services, products and solutions. We are headquartered in Calgary, Alberta. Through our companies, ENMAX Power and Versant Power, we own, operate and maintain transmission and distribution lines that safely and reliably deliver electricity to homes and businesses in Calgary and in northern and eastern Maine. Through ENMAX Energy, we generate power and offer electricity and natural gas options to residential, commercial and industrial customers across Alberta. ENMAX is a private company and The City of Calgary is our sole Shareholder.