

# No. 31 Substation

| Outrush Mitigation Project



## PROJECT OVERVIEW

ENMAX Power Corporation (ENMAX Power) owns and operates No. 31 Substation, located at 3515 80 Avenue SE in Calgary. No. 31 Substation supplies electricity to homes and businesses in the Ogden and Lynnwood communities.

ENMAX Power is proposing the Outrush Mitigation Project, which involves installing current-limiting reactors and completing related equipment upgrades within the existing substation. The Project is intended to help protect equipment and support the continued safe and reliable operation of the electrical system.

The Project involves installing current-limiting reactors between the capacitor bank and circuit breaker to help reduce electrical surges, also known as outrush current, and protect nearby equipment within No. 31 Substation.



## Contact information

We are committed to engaging with community members and welcome your feedback. For more information about the No. 31 Substation Outrush Mitigation Project, please contact ENMAX Power Stakeholder Relations. We would be pleased to hear from you.

### ENMAX Power Stakeholder Relations

**Phone:** 403-514-1471

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

**Website:** [enmax.com/no31substation](http://enmax.com/no31substation)

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)

We appreciate your interest in the Project and welcome any questions or feedback you may have.

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## → Proposed schedule

ENMAX Power intends to file a checklist application with the AUC for the No. 31 Substation Outrush Mitigation Project in Q4 2026.

Subject to receiving regulatory approvals and the procurement of materials, construction is anticipated to occur between Q2 and Q3 2027. Construction is expected to take approximately 3 months, with the Project anticipated to be in service in Q3 2027.

**Please contact our Stakeholder Relations team on or before October 22, 2026** so that your feedback can be included in the application to the AUC.

## Construction methods

The proposed construction activities will take place on land owned by ENMAX Power, within the existing No. 31 Substation fence line. Temporary access accommodations may be periodically required during construction. ENMAX Power will work with stakeholders and the City of Calgary to minimize the impact on residences, businesses and commuters in the area.

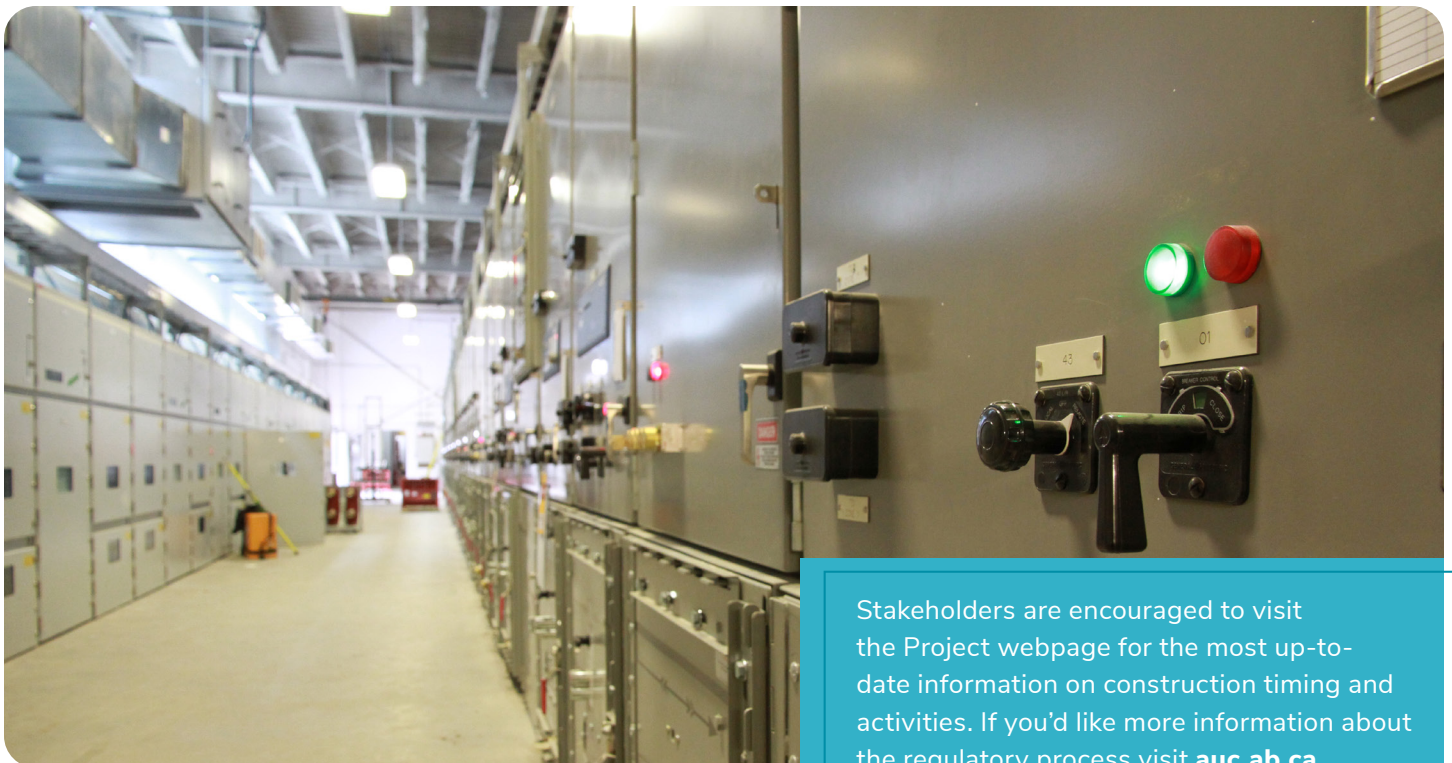
## Project impacts and mitigation measures

### Noise

- There is no expected change in noise levels as a result of the completion of the substation project. We will comply with municipal noise bylaws and Alberta Utilities Commission (AUC) Rule 012 limits.

### Power Outages

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



Stakeholders are encouraged to visit the Project webpage for the most up-to-date information on construction timing and activities. If you'd like more information about the regulatory process visit [auc.ab.ca](https://auc.ab.ca).

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Project map



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**Current-Limiting Reactor:** An inductive coil placed in an electrical circuit to restrict the flow of excessive current during a fault (such as a short circuit).



**Substation:** A substation is an important component of electrical infrastructure that changes the voltage of electricity to make it suitable for use.



**Circuit breaker:** Electrical equipment that automatically stops the flow of electricity when there is a problem, helping protect equipment and keep the electrical system operating safely.



**Capacitor bank:** A group of electrical equipment used in a substation to help manage voltage and support the efficient operation of the electrical system.

**Outrush current:** A sudden discharge of electrical current that flows out of substation equipment and into an external circuit or a nearby fault.

**Electrical current:** The flow of electricity through a wire, piece of equipment or electrical system.



## About ENMAX Corporation

The ENMAX group of companies is a 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.