



## Calgary Energy Centre Expansion Project



Rendering of Calgary Energy Centre with peaking expansion.

### Project Overview

ENMAX Energy Corporation ("ENMAX") owns and operates the Calgary Energy Centre ("CEC"), a 320 megawatt (MW) natural gas-fueled combined-cycle generation facility, and is proposing to expand this facility to include a "peaking" facility. This natural-gas fueled peaking facility would be capable of generating 130 to 190 MW of power to help meet southern Alberta's growing demand for power.

*"Peaking" facilities are used to provide power during periods of high customer demand or during supply shortfalls when other generation facilities are unable to provide adequate supply. Peaking facilities typically operate 15 to 45 percent of the time.*

## Location

The CEC is a 320 MW combined-cycle power generation facility located at 14417 – 68 Street NE, Calgary. ENMAX purchased this facility in December 2008.

The peaking facility expansion would be located inside the fenced CEC site directly adjacent to the existing buildings. There is no need to acquire additional land, it would use some of the existing infrastructure and would be operated by current CEC staff.



## Project Details

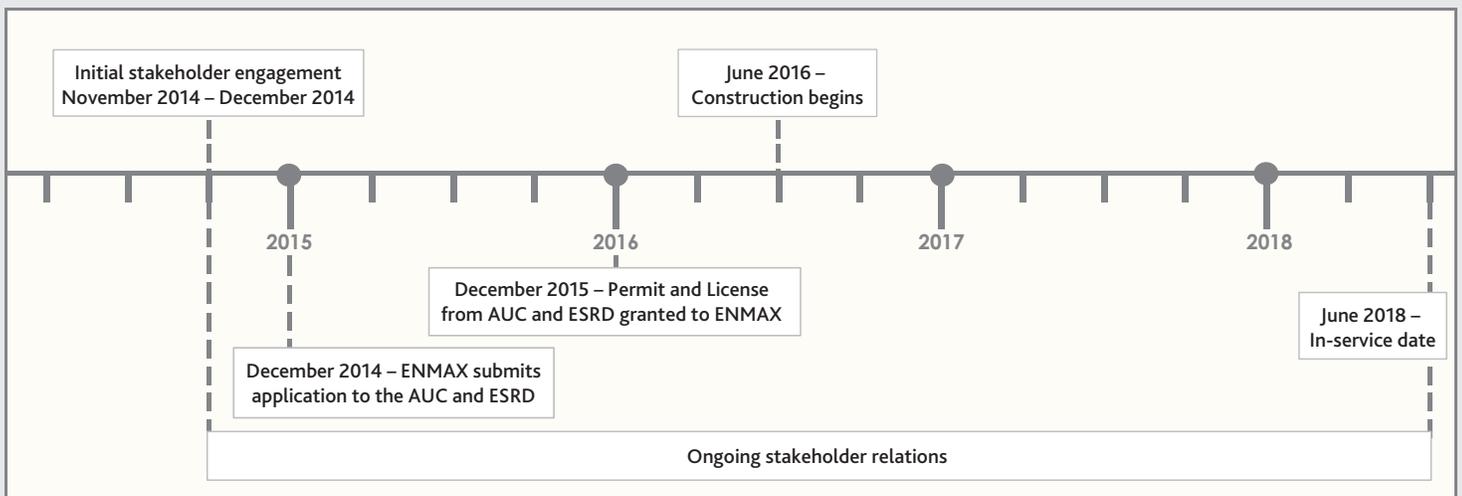
The peaking expansion would be a simple-cycle generation facility utilizing natural gas-fuelled turbines to generate electricity. Engineering and design of the expansion project details is not yet complete. Additional technical details about the facility – including the equipment and precise generation capacity will be shared and discussed as project development and public consultation continues. As a peaking facility, the expansion will be designed to meet periods of high electrical demand, which generally occur in the daytime during periods of high summer heat or low winter temperatures. Depending on weather, load growth and customer demand, the peaking facility is expected to operate about 15 to 45 per cent of the time. Simple-cycle technology is typically favoured for meeting peak loads as the turbines can quickly achieve full generation capacity.



The expansion would be located completely within the existing fenced area at CEC.

## Proposed Schedule

ENMAX plans to file applications with the Alberta Utilities Commission (AUC) and Alberta Environment and Sustainable Resource Development (ESRD) in late 2014. Subject to regulatory approvals, construction is expected to begin in June 2016 with a proposed in-service date of June 2018.



## Open House

You are invited to attend an open house where ENMAX and our environmental representatives, will be available to share information, gather your input, and address any questions or concerns you may have. We hope to see you there.

**Date:** Wednesday, November 26, 2014

**Location:** Balzac Community Hall,  
10075 Township Road 262

**Time:** 3:30 – 7:30 pm

## Regulatory Process

The AUC must approve this project before construction can begin. The AUC is a quasi-judicial agency that ensures the fair and responsible delivery of utility services.

The AUC reviews the application from ENMAX and ensures there is an opportunity for interested parties to provide feedback and input on the applications before a decision is made. Additional information on participant involvement is included in the AUC booklet as part of the information package.

## Privacy Commitment

ENMAX is committed to protecting your privacy. Your personal information that is collected will be protected under ENMAX's Privacy Policy and Freedom of Information and Protection of Privacy Act. As part of the regulatory process for new transmission projects, ENMAX may provide your personal information to the Alberta Utilities Commission. For more information about how ENMAX protects your personal information, visit our website at <https://www.enmax.com/Legal/privacy> or contact us directly via email at [privacy@enmax.com](mailto:privacy@enmax.com).

## Commitment to Community

ENMAX is committed to being a responsible corporate neighbour in the community. This commitment includes providing timely and meaningful engagement with stakeholders about this project.

We have developed a comprehensive public involvement program to provide opportunities for area residents, occupants and landowners to be informed about this proposal and to engage with ENMAX in dialogue from the planning phase through construction.

## About ENMAX Power

ENMAX Power Corporation, a subsidiary of ENMAX Corporation, and its predecessors have provided Albertans with safe and reliable electricity for more than 100 years. One of the most reliable urban utilities in Canada, ENMAX Power owns, operates and maintains the distribution and much of the transmission network in and around Calgary, which are activities regulated by the Alberta Utilities Commission. Non-regulated subsidiaries of ENMAX Power provide engineering, procurement, and construction services as well as maintenance for electrical servicing of residential and commercial developments and light rail transit systems. Visit our website at [enmax.com](http://enmax.com)

## More Information

Your input is very valuable to us. We will work with you to ensure you get answers to your questions and your concerns are understood.

For more information about the proposed power generation facility, please contact:

### ENMAX Energy Corporation

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

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

### Alberta Utilities Commission (AUC)

Phone: (780) 427-4903

(Toll free: dial 310-0000 before the 10 digit number)

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