



Welcome

TO THE

**CASCADE
POWER
PROJECT**

COMMUNITY
OPEN HOUSE



Being A Good Neighbour

Cascade Power is consulting with you today to share information and seek your input on our proposed **Cascade Power Combined Cycle Power Facility (the Project)**.

The input you share today will be included as part of our regulatory submissions with the Alberta Utilities Commissions and Alberta Environment and Parks, to be filed in the fall of 2018.

Project representatives will take notes of their conversations with you and we ask that you fill out a feedback form before you leave.





Who is Cascade Power?

Cascade Power is an Alberta based power producer providing customized and reliable on-site power generation solutions, and is passionate about creating a clean energy future for Canada.

We are focused on the design, construction, commissioning, operations, maintenance, and ownership of gas to power generation facilities that deliver clean energy solutions to power consumers and utilities.





Project Description

Cascade Power is proposing to develop a 900 megawatt (MW) combined cycle power generation facility, with an anticipated in-service date towards the end of 2022.

The Project will utilize modern, highly efficient industrial turbines fueled by natural gas, which will be supplied to the plant via a small pipeline tied into the existing natural gas distribution network located near the Project. The facility will have the capacity to serve the electrical needs of approximately 900,000 homes and businesses in Alberta.





What is Combined Cycle Power Generation?

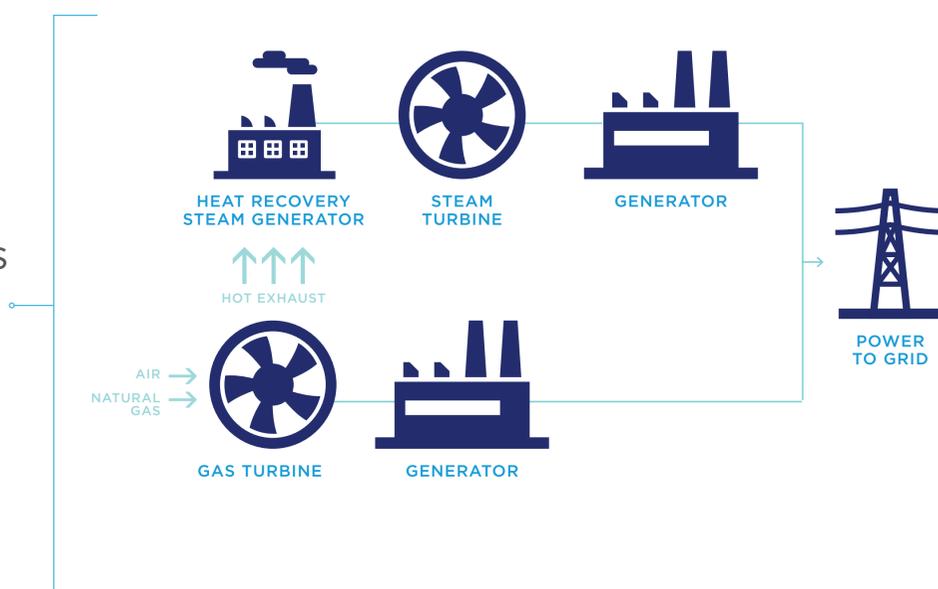
Natural gas combined cycle power generation facilities are a high efficiency, environmentally attractive form of power generation necessary to meet the growing demand for electricity in Alberta.

Combined cycle power facilities:

- Are comprised of a combination of both gas and steam power production technologies.
- Use natural gas to produce power in a gas-turbo generator.
- Route waste heat from the gas generator to the steam turbine to generate extra power.
- Produce up to 50 percent more electricity from the same amount of fuel than traditional simple cycle power facilities.

Benefits:

- Optimal power outputs
- Higher efficiency
- Lower emissions

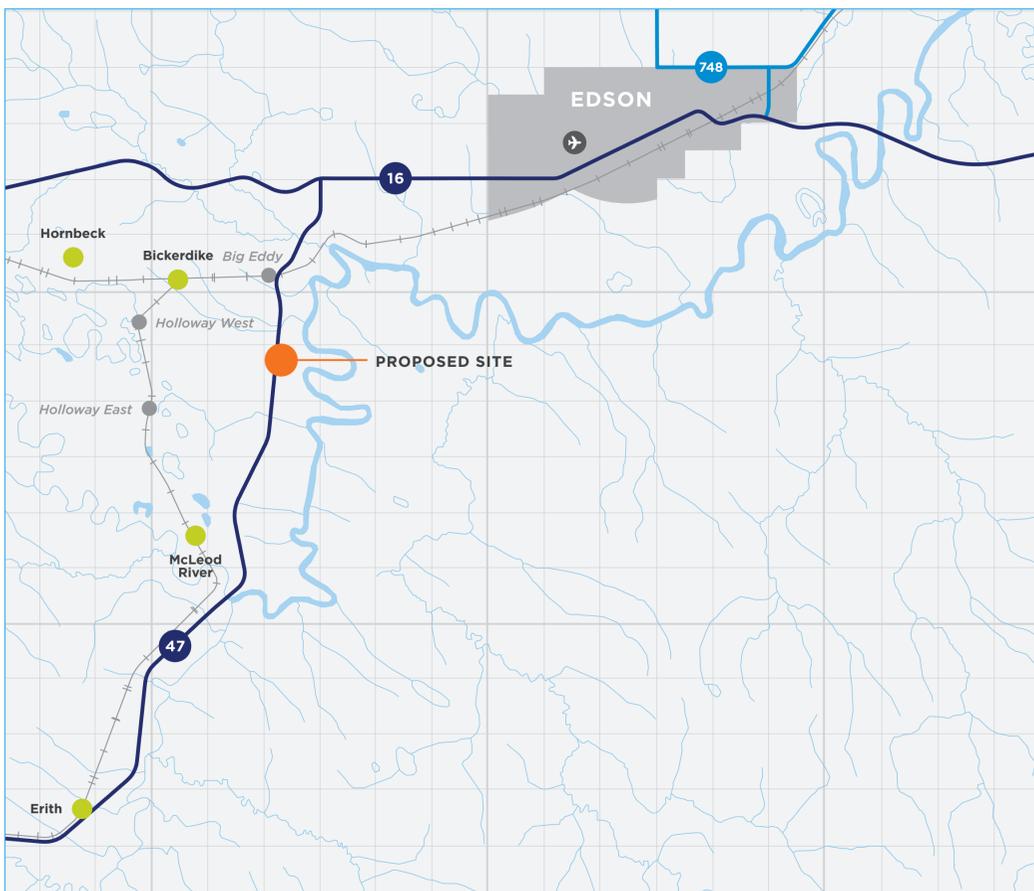




Project Location

The Project will be located on crown lands on a 52-hectare site approximately 12 kilometres southwest of the town of Edson, Alberta, in Yellowhead County.

Access to a gas supply, proximity to power and water, as well as land access all played a role in the site selection process. The proximity to Edson will allow for staging during construction as well as access and investments into local goods and services.





Anticipated Timeline

In the fall of 2018, following completion of environmental studies and assessments and public and Indigenous engagement, Cascade Power will submit regulatory applications to the Alberta Utilities Commission (AUC) and Alberta Environment and Parks (AEP). Following regulatory approval, construction is anticipated to commence in spring 2019, with a planned in-service date of October 2022.

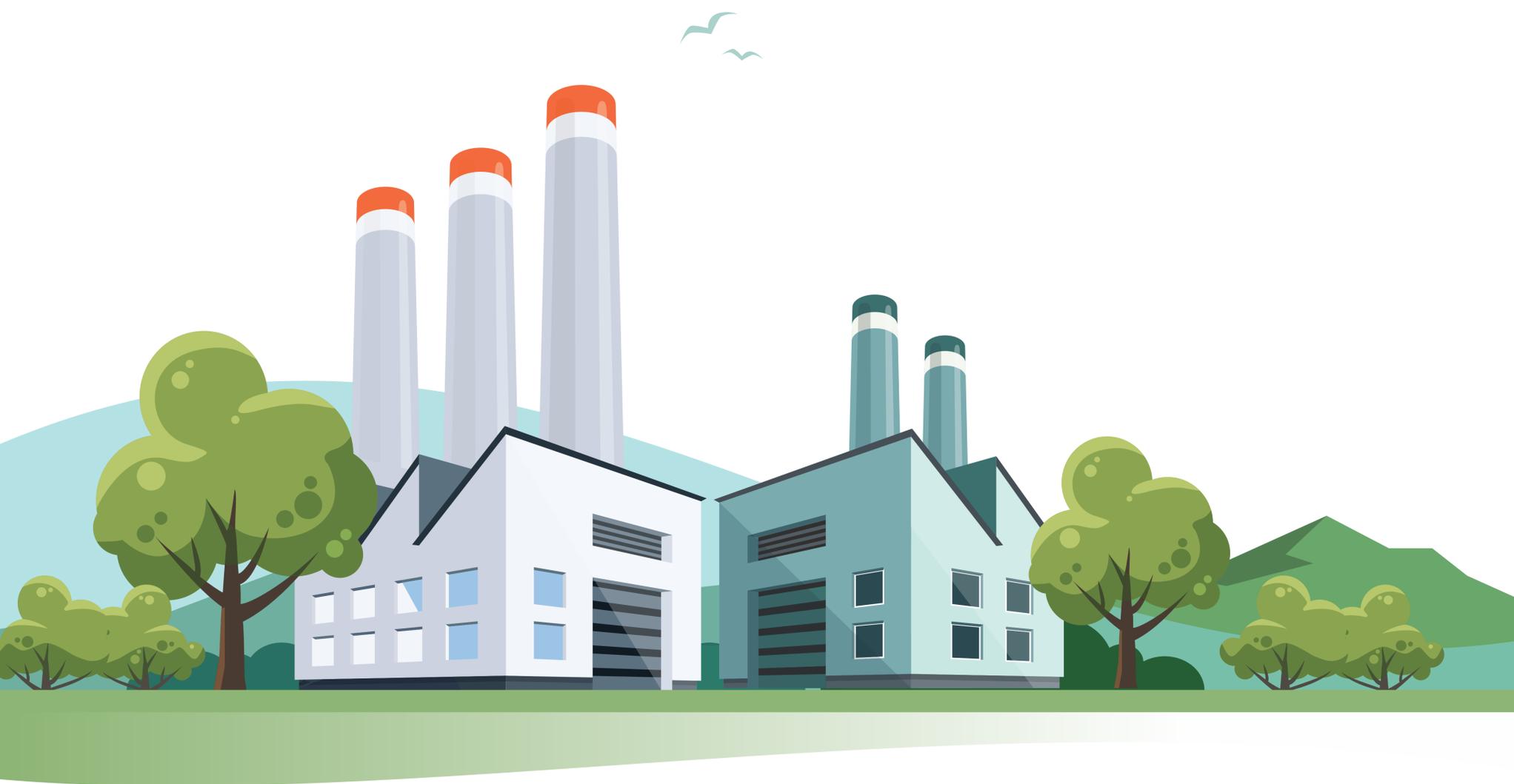




Why Do We Need This Project?

As Alberta continues to prosper, the province will need new supplies of electric energy produced from innovative technologies to meet the growing demand for electricity. Alberta has set a renewable energy target in which 30% of future electricity requirements will come from renewable sources. However, the province will still need additional sources of reliable electricity that can support its future energy requirements.

Natural gas is one of the most reliable and abundant energy sources in Alberta. Combined cycle power facilities have been identified as a viable option to produce efficient, reliable on-demand power.





Adding Value

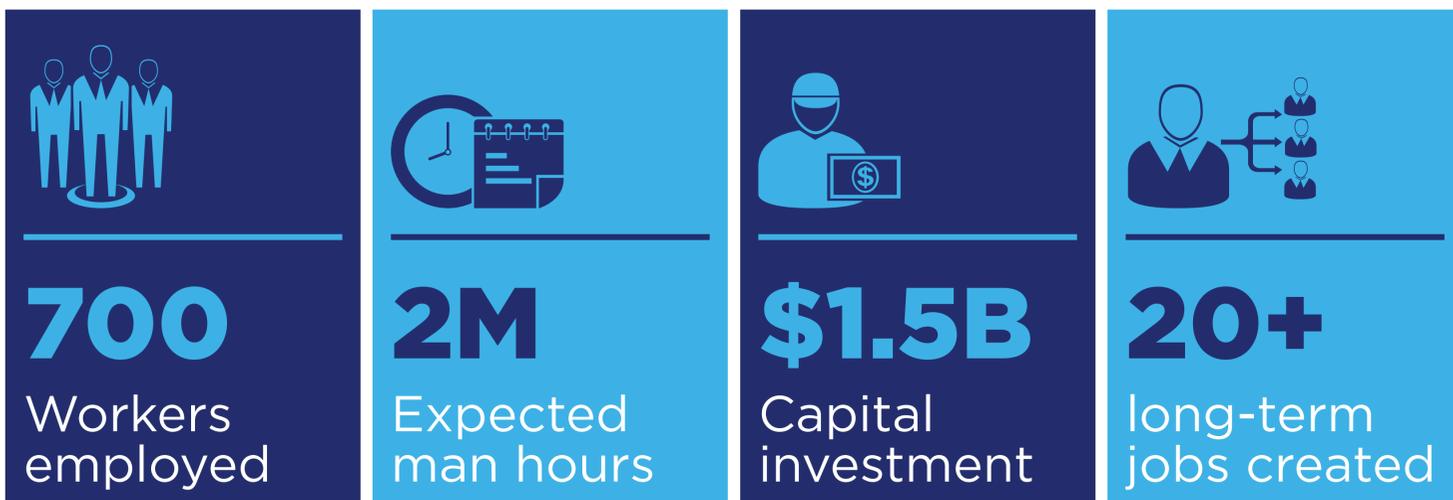
In Alberta

The development of combined cycle power generation facilities will provide reliable on-demand power, which will help Alberta transition to a diverse energy future.

In Edson Community and Yellowhead County

The development and operations of the Project will play an important role in the local economy by providing jobs during construction that will benefit the local and Indigenous communities, businesses and suppliers, as well as provide a base of additional tax revenue to Yellowhead County.

- It is anticipated the facility will take three years to construct, employing approximately 700 workers at the peak of construction.
- The anticipated work effort is expected to be almost 2,000,000 man-hours in the local area.
- The total capital investment associated for the Project is anticipated to be approximately \$1.5 Billion.
- Once operations commence, more than 20 direct, long-term skilled jobs will be created in the community.





Environmental Considerations

The Project is being designed and will be operated in a way that minimizes potential adverse environmental effects and supports the provincial government's effort to continue to diversify its overall power production mix.

We have engaged third party environmental experts to assess the impact of the Project on:

- Air
- Noise
- Wildlife
- Wetlands
- Soil
- Historical Resources

Results of these studies and assessments will be included in our regulatory applications to both the Alberta Utilities Commission and Alberta Environment and Parks.





What Can I Expect During Construction and Operations?

We will continue to engage with the community to understand how we can minimize impacts to nearby residents during the construction phase.

Noise

A detailed noise impact assessment is being undertaken to document the noise that will be generated by the Cascade Power facility during both the construction and operation phases. The Project would comply with applicable regulatory noise limits.

Air Emissions

A dispersion modelling assessment compliant with the Alberta Air Quality Model Guideline (AQMG) will be completed to assess Project effects on air quality. The Project would comply with applicable regulatory emissions requirements.

Visual

The proposed Project site is located on a cleared site and would be visible from Highway 47. To reduce the visual impact of the facility, Cascade will continue to assess options to modify the overall site plan, through such measures as berms and other related options.

Traffic

It is anticipated that construction of the facility may impact traffic at various times during large equipment delivery. Where possible, the Project will maintain safety and enforce an approved traffic management plan.

Work Hours

We anticipate the hours of work for this Project to be from 7:30a.m. to 5:00p.m.



Community Involvement and Next Steps

Cascade Power believes strong Indigenous and stakeholder relationships strengthen the business decisions we make. We strive to build long-term relationships by collaborating with and listening to our neighbours in the area.

Over the next few months, we will:

- Consider your feedback and make changes to Project design where feasible.
- Continue conducting environmental studies and assessments.
- Provide updates on the Project status, timelines and details as it progresses.
- Plan for a second community open house.

As we move through the regulatory and permitting process, we will continue the dialogue with landowners and stakeholders in the area. We will consider your feedback for this Project and encourage you to reach out to us as we provide Project updates. We hope to maintain an open and respectful dialogue over the years to come.





Thank you

Your questions and input are important to us. Please take a moment to fill out a comment card.

For more information:

Email: info@cascadepower.ca

Toll-free: 1-855-955-3056

For more information about the Project, please visit:

www.cascadepower.ca



Tell Us What You Think

