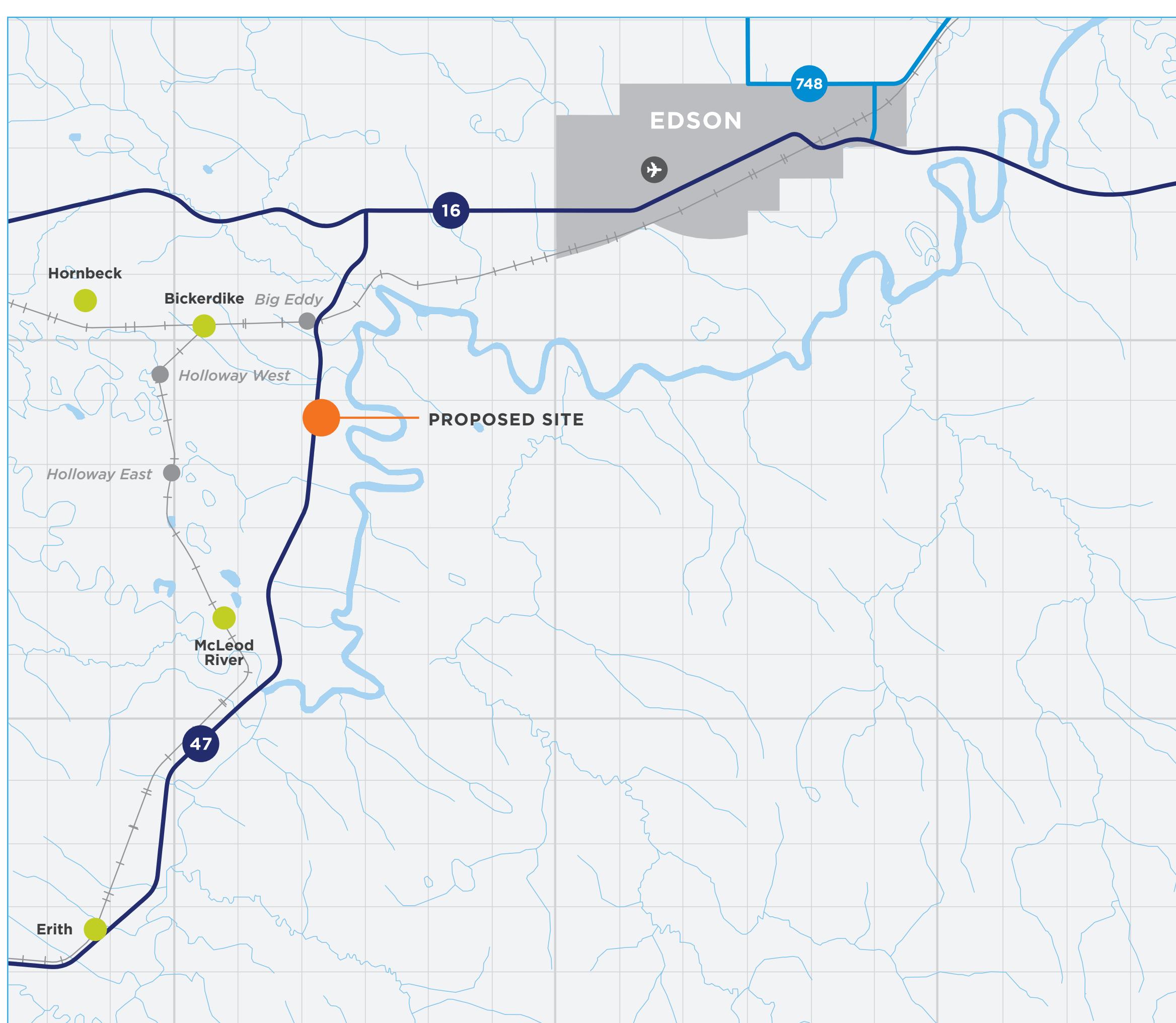




## Project Location

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

Access to a gas supply, proximity to power and water, as well as land access were all criteria considered in the site selection process. The Project's location, close to Edson, will allow for staging during construction as well as access and investments into local goods and services.





## Anticipated Timeline

In Q4 2018, following the 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). Should the Project be approved, construction is anticipated to commence in spring 2019, with a planned in-service date of October 2022.

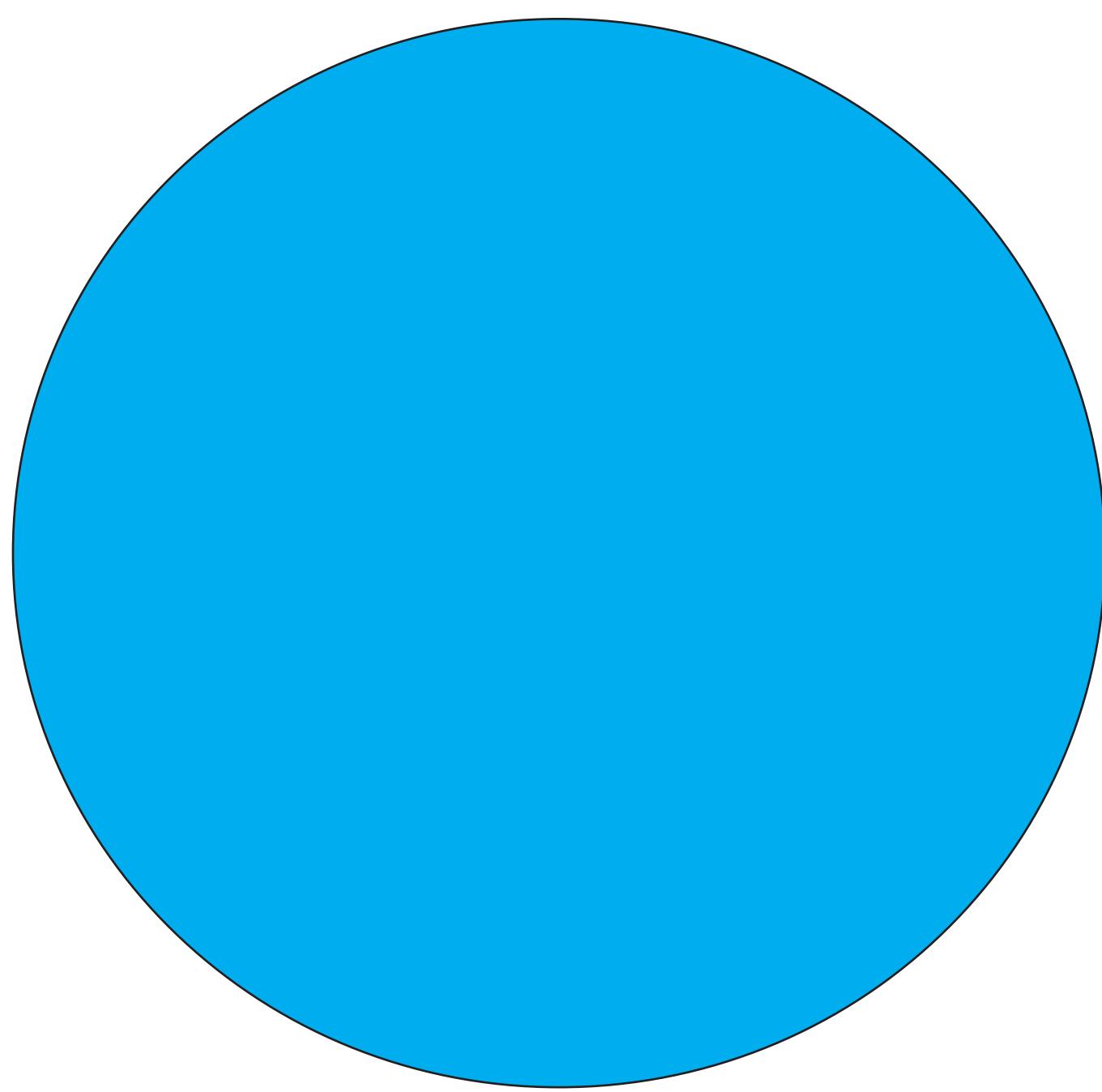
2018					2019	2020/21	2022
January to April	April (ongoing)	July	July	July (ongoing)	August	Q4	March
Front-end Engineering and Design	Environmental Assessments	Project Announcement	Round 1 Project Notification and Personal Consultation	Indigenous and Stakeholder Engagement	Round 2 Project Update and Personal Consultation	Submit Regulatory Applications	Anticipated Regulatory Approvals
					2020 to 2022		October
					Anticipated Project Construction		Anticipated In-Service Date



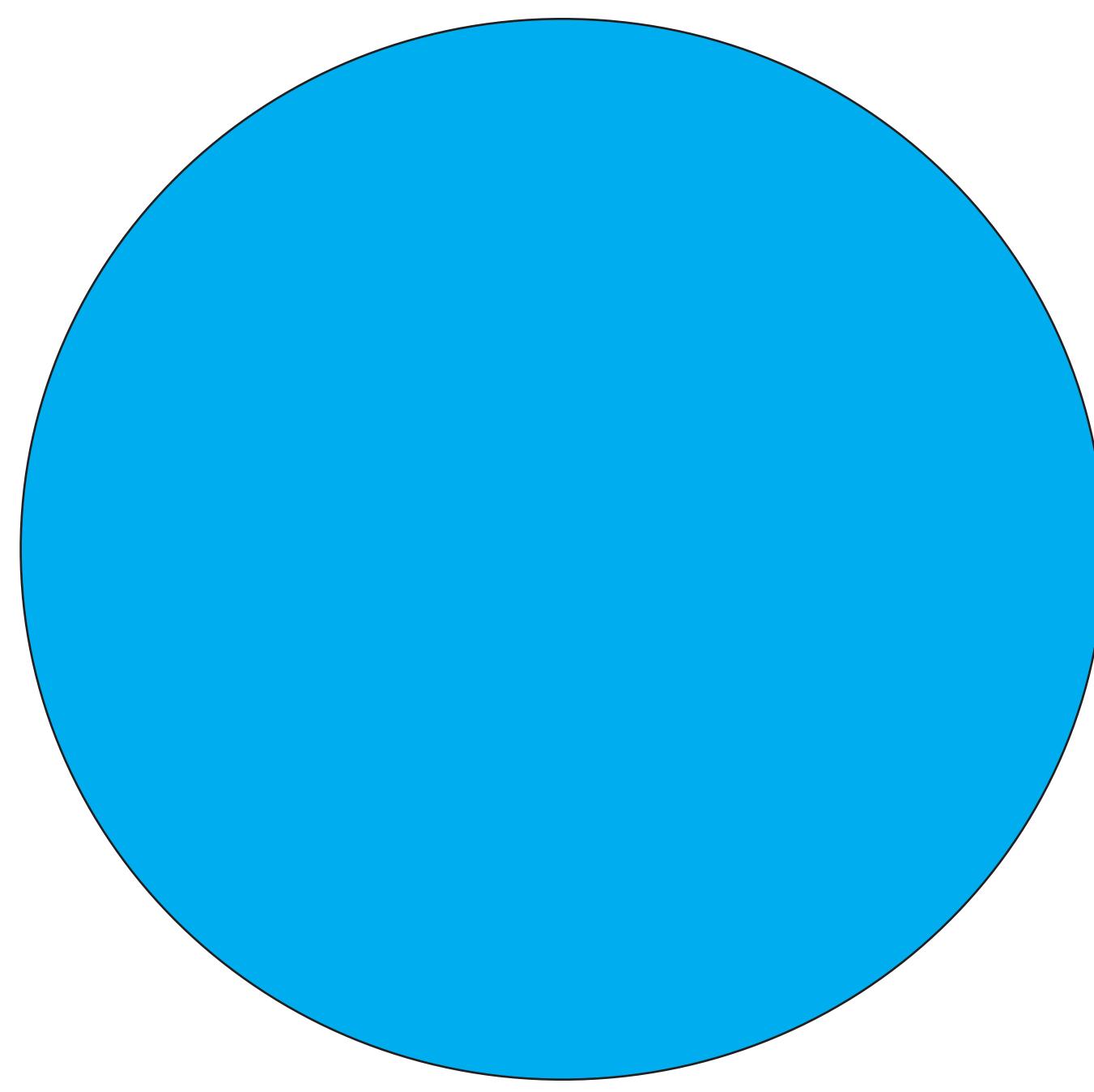
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## Tell Us What You Think

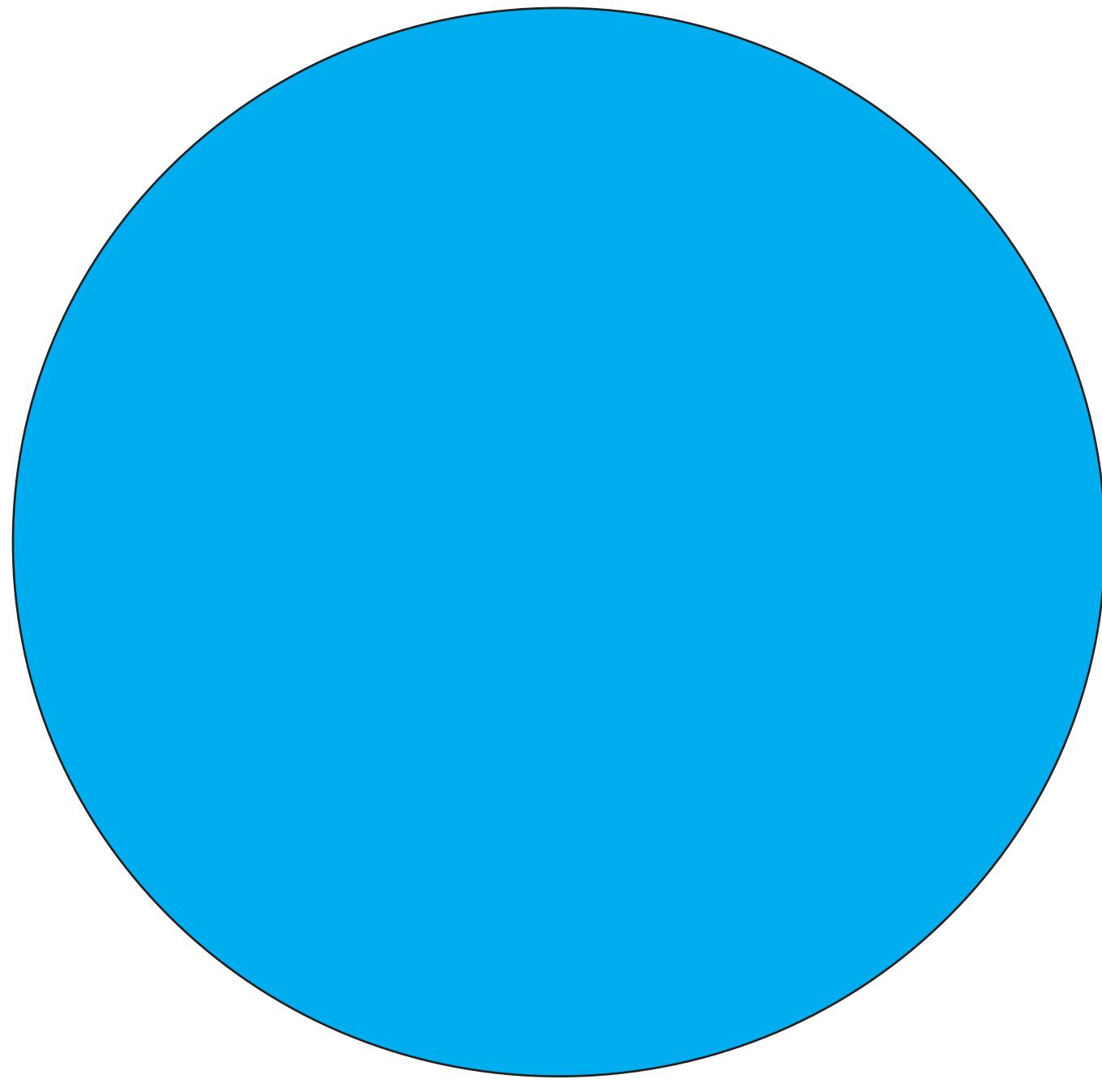
**Questions**



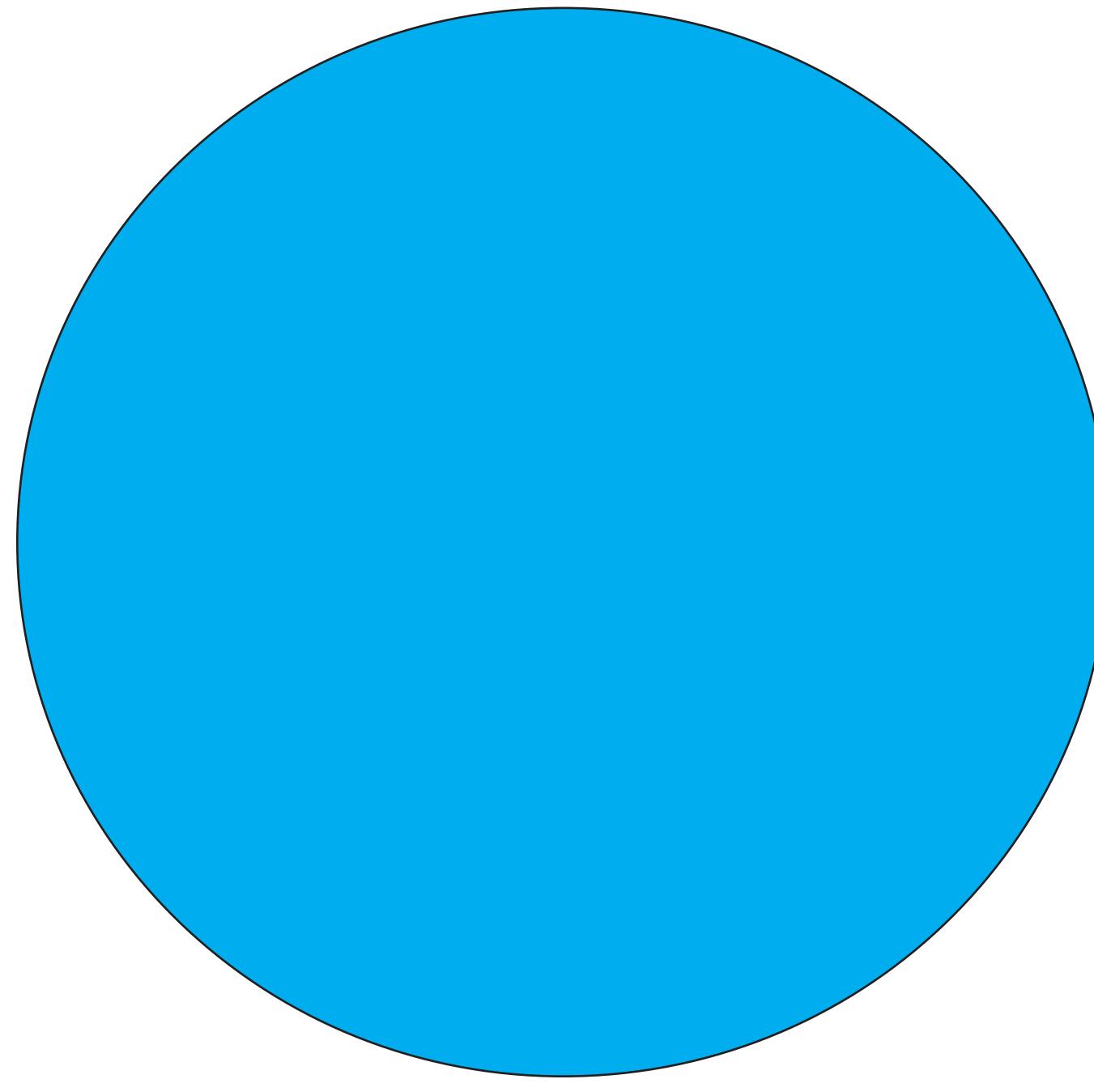
**Concerns**



**Suggestions**



**Feedback**

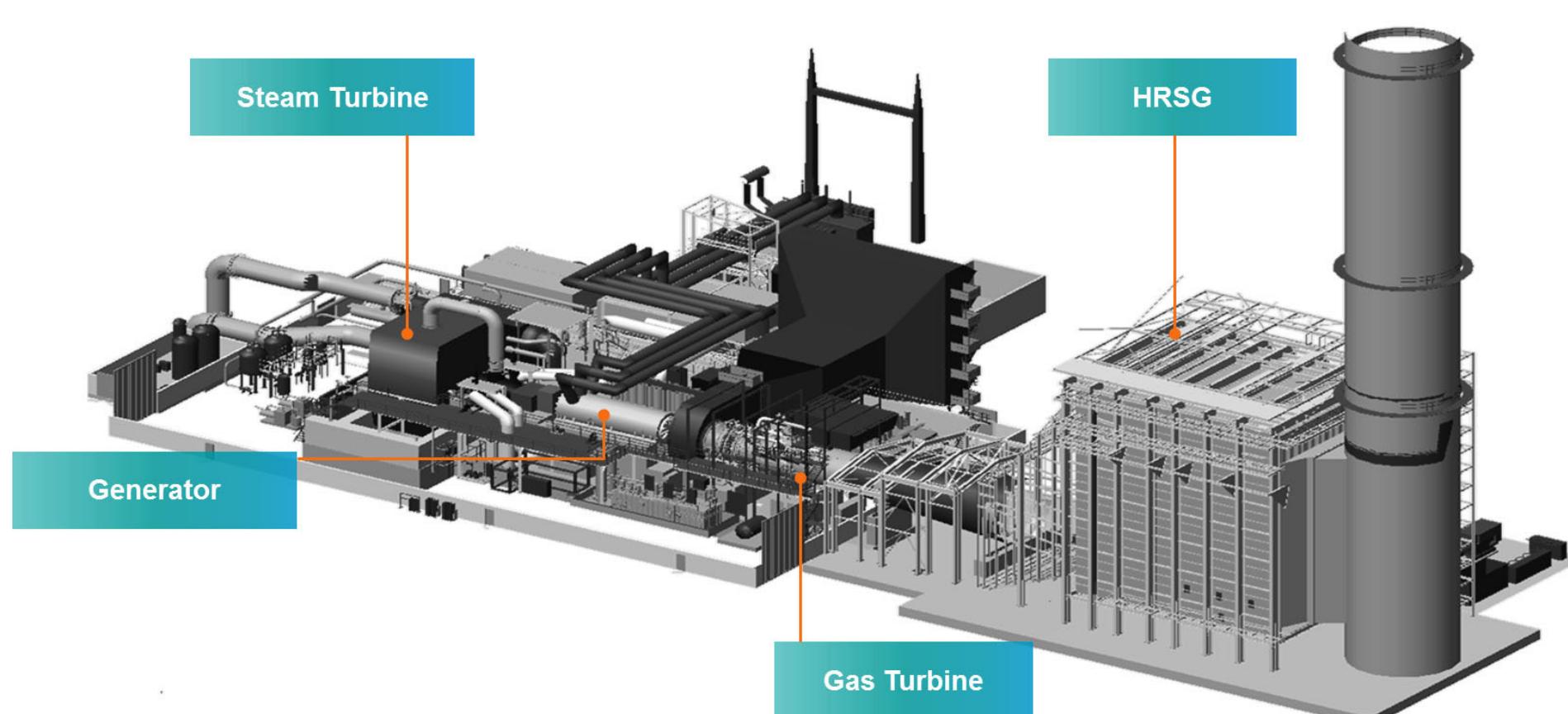




## Proposed Renderings



- The Project will feature two 1x1 gas/steam turbine line-ups, each producing approximately 450 megawatt (MW) for a total plant output of 900 MW.
- The electricity produced will feed into the Alberta provincial grid to meet electric power requirements of the province.
- The Project will require up to 150,000 gigajoule (GJ)/day of pipeline specific natural gas as fuel, with an estimated net plant efficiency of greater 60%.



- The combined cycle power facility uses natural gas as a fuel to produce power in a gas turbine generator and then utilizes the waste energy from the exhaust to produce steam, which drives the steam turbine generator.
- The waste heat from the gas turbine exhaust will be utilized in Heat Recovery Steam Generators (HRSG) to produce steam that will ultimately power the steam turbine.



## What We Heard

Since initial public engagement began in July 2018, Cascade Power has received comments and inquiries through conversations with stakeholders via the toll-free line, project email account and in-person meetings.

### Key Questions and Cascade Power's Responses:

Noise	Water
<p><b>Q.</b> Does the Project meet noise requirements?</p> <p><b>A.</b> A detailed noise impact assessment is currently being conducted. The Project would comply with, or be lower than, the applicable regulatory noise limits as mandated by the AUC Rule 012: <i>Noise Control</i>.</p>	<p><b>Q.</b> Will the Project affect water in the area and where will you source it from?</p> <p><b>A.</b> No, water will not be affected by this Project, as a withdrawal will not be necessary. The Project anticipates that water will be trucked in to site to meet the needs of construction and operations.</p>
Employment Opportunities	Accommodations
<p><b>Q.</b> Will there be local contracting and employment opportunities?</p> <p><b>A.</b> Yes, an Engineering, Procurement and Construction (EPC) contractor is anticipated to be appointed in January 2019 which will provide information on opportunities for employment.</p>	<p><b>Q.</b> Where will workers be accommodated during construction?</p> <p><b>A.</b> Currently the Project is considering using local hospitality options in Edson, however if vacancy issues arise, constructing a camp would be considered.</p>



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# Community Involvement and Next Steps

Cascade Power believes that 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.
- Submit regulatory applications to AUC and AEP.
- Submit a Project Description to the Canadian Environmental Assessment Agency (CEAA).
- Select an Engineering Procurement Construction (EPC) contractor in preparation for construction.

As we move through the regulatory and permitting process, Cascade Power will continue the dialogue with landowners and stakeholders in the area. We will consider your feedback for this Project and we encourage you to reach out to us as we provide Project updates.

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