

OPAL POWER PLANT PROJECT

KIWETINOHK RESOURCES CORP.



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- AUC Public Involvement Brochure

PROJECT INTRODUCTION

You are receiving this letter and attached information as a courtesy because you may have an interest in land near the proposed Opal Power Plant Project. Kiwetinohk Resources Corp. (Kiwetinohk) is proposing to construct and operate a 101.115 megawatt (MW) flexible gas-fired power plant, with carbon capture plant, and a 138kV substation (the Project) on crown land approximately 1.3km south of the Town of Fox Creek, Alberta. The Project will be connected to the Alberta Interconnected Electric System (AIES) via a new transmission line, for which the routing is to be determined. The Project will occupy approximately 6 acres of land and acquisition of a surface lease from Alberta Environment and Parks (AEP) is underway for a total area of 10 acres.

Major components of the Project include nine high-efficiency hydrogen capable gas engine sets, one new 138kV substation (consisting of two 70MVA 138kV power transformers) and a control building. The Project may also include two 850 kVa emergency generators.

WHO IS KIWETINOHK RESOURCES CORP?

Kiwetinohk (pronounced in English like “Key-Wheat-In-No”) means “north” in the Cree language. The name was bestowed upon the Company by indigenous friends. The name reflects the Canadian value of, love for and protection of the natural environment and the need to advance sustainable development practices. Kiwetinohk aspires to be a Canadian leader in the global transition of energy towards lower greenhouse gas emissions. Kiwetinohk develops and produces oil and natural gas and is developing a portfolio of power generation projects. The vision includes solar and high-efficiency, natural gas-fired power to aid in Canada’s phase-out of the use of coal for power generation. The Company is also investigating carbon capture and sequestration and blue hydrogen production. To learn more about Kiwetinohk, visit our website at: <https://kiwetinohkpower.com/>.



WHO IS THE ALBERTA UTILITIES COMMISSION?

The Alberta Utilities Commission (AUC) is a quasi-judicial independent agency established by the Government of Alberta, responsible to ensure that the delivery of Alberta's utility service takes place in a manner that is fair, responsible and in the public interest. They regulate investor - owned natural gas, electric and water utilities, and certain municipally-owned electric utilities to protect social, economic and environmental interests of Alberta where competitive market forces do not.

To learn more about the AUC application and review process, please contact:

Alberta Utilities Commission (AUC)

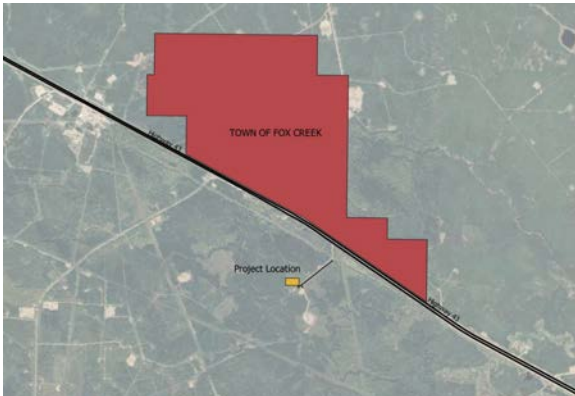
Phone: (780) 427-4903

Toll-Free by dialing 310-000 before the number

Email: consumer-relations@auc.ab.ca

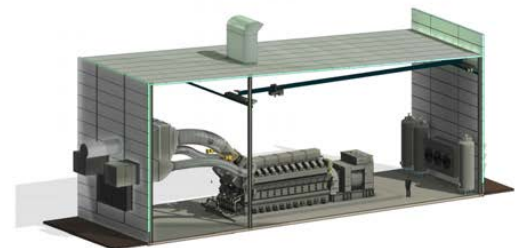
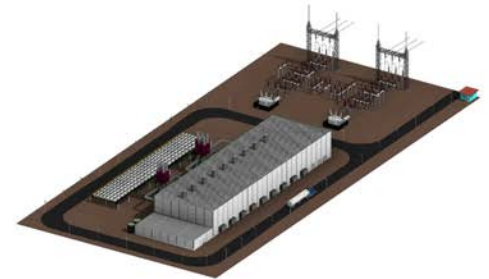
PROJECT LOCATION

The Project is located on SW 21-62-19 W5M, approximately 1.3km south of the Town of Fox Creek, as shown on the map below.



PROJECT DETAILS

The Project will consist of nine Rolls-Royce B36:45 V20AG1 gas engines, each with an 11.235 MW gross output, for a total of 101.115 MW. The Project is capable of exporting 101.115MW to the Alberta electricity grid. Additional components of the Project include: control system, natural gas system, lube oil system, engine cooling system, ventilation system, combustion intake system, exhaust gas system, Selective Catalytic Reduction (SCR) system to reduce NOx emissions, compressed air system, HVAC system and fire protection system. The Project consists of a building which includes the engine room, mechanical room, electrical room, control room, workshop room, a room for two emergency diesel generators and offices. In addition, the Project will have a CO2 capture plant approximately 30m by 30m to capture 90% of the CO2 from one engine. The captured CO2 volume will be approximately 100 to 110 tonnes per day and will be compressed, dehydrated, and safely sequestered in a nearby site. Visual renderings of the Project are shown on the right. The top image is a representation of the Project as a whole and the bottom image is a representation showing the inside of the on-site building with one engine.



CONSULTATION PROCESS

Kiwetinohk is undertaking a Participant Involvement Program (PIP), as part of the Alberta Utilities Commission (AUC) Rule 007 approval process. The process is intended to inform and engage landowners, occupants, residents and other potentially impacted stakeholders near the proposed power plant. The PIP includes this mailed notice to stakeholders within 2 kilometres of the project and personal communications with interested stakeholders.

Stakeholders with questions or concerns are encouraged to contact us for discussion. Please see the enclosed document prepared by the AUC, called "Public Involvement in a Proposed Utility Development", for further information on the PIP. Should you have any questions, please contact us:

Samantha Brown

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sbrown@sabreenergyconsulting.com



**SABR Energy
Consulting Inc.**

PROJECT ASSESSMENTS

Air Emissions

Air emissions modelling is underway for the Project and a copy of the modelling report will be included in the application to the Alberta Utilities Commission. The Project will meet the Alberta Air Emission Standard for Electricity Generation and Alberta Emission Guidelines for Electricity Generation and the Alberta Ambient Air Quality Objectives and Guidelines, as required.

Noise Impact Assessment

A detailed Noise Impact Assessment (NIA) is being undertaken to ensure the Project adheres to AUC Rule 012: Noise Control during both the construction and operation phases. A copy of the NIA will be included in the application to the Alberta Utilities Commission.

Environmental Assessments

A variety of wildlife assessments, wetland/watercourse assessments, vegetation and rare plants surveys and soils assessment are being completed as required by Alberta Environment and Parks (AEP). Environmental assessment information and proposed mitigation measures will be submitted to AEP during the Industrial Designation application process. An application will be completed pursuant to the Historical Resources Act and clearance will be obtained prior to construction.



PRIVACY POLICY

Kiwetinohk is committed to protecting your privacy. Collected personal information will be protected under the provincial Personal Information Protection Act. As part of the regulatory process for new generation projects, Kiwetinohk may be required to provide your personal information to the AUC. For more information about how Kiwetinohk protects your personal information, contact us at lwong@kiwetinohk.com or via mail at 1900, 250 - 2 Street SW, Calgary, AB T2P 0C1, Attention: Privacy Officer.

REGULATORY PROCESS

Kiwetinohk must obtain several approvals for the Project including an Industrial Designation from AEP, a Power Plant and substation approvals from the Alberta Utilities Commission and a Development Permit or exemption from the Municipal District of Greenview. Kiwetinohk intends to submit the industrial application to AEP in November 2021, to the AUC and the Municipal District of Greenview in December 2021.

PROJECT BENEFITS

The Opal Power Plant Project will offer a number of benefits including:

- A clean, reliable, cost-effective source of new electricity supply
- Enhancing local and regional reliability of power supply
- Provide employment opportunities during construction and operating and maintenance jobs once operating
- Generate tax revenue for the municipality



PRELIMINARY SCHEDULE

- Public Notification ● August 2021
- Personal Consultation ● September/October 2021
- AEP Disposition Application ● September/October 2021
- AEP Industrial Application ● November 2021
- AUC Applications ● December 2021
- Development Permit Application ● December 2021
- Anticipated AUC Approval ● March 2022
- Construction Start ● April 2022
- In-service Date ● August 2023

NEED FOR THE PROJECT

The Province of Alberta has a target established that at least 30% of the electric energy produced in Alberta, measured on an annual basis, will be produced from renewable energy resources by the end of 2030. While several renewable energy projects are underway to meet this target, other sources of reliable electricity are needed to support the Province's future energy requirements. Natural gas is one of the most affordable, reliable energy resources and Alberta has an abundance of it. This type of power plant has been identified as a viable option to help reduce emissions and provide consumers a low-carbon, reliable electricity option.