

High River Solar Project

COMMUNITY NEWSLETTER

FEBRUARY 2021



You are receiving this package because you live, operate a business, or occupy land, near the proposed High River Solar Project, and we want you input!

About the Project

The proposed High River Solar Project (the “Project”) is an 18.5 megawatt (MW) solar farm to be located near Highway 2A and Highway 543 East, just north of the Town of High River. It will occupy approximately 135 acres of private land and is situated on a reclaimed gravel quarry.

The Project will consist of about 35,000 solar panels and will connect to the Alberta electricity grid via the existing High River substation located adjacent to the site across Highway 543. The Project is expected to operate for 35 years; after which time it will be repowered with new solar technology or decommissioned.

About Elemental Energy

Elemental Energy is a privately owned Canadian company with extensive experience in Alberta. In 2017, Elemental built the first utility scale solar project in the province. In the last few years Elemental has continued to invest in the province and will have four solar projects generating clean electricity in Alberta by the end of the 2022.

Project Benefits

Lower electricity bills: Solar is one of the cheapest ways to generate electricity in Alberta. More projects increase market competition resulting in lower electricity bills.

Energy Diversification: Alberta is rich in both renewable and non-renewable natural resources. Diversification of Alberta's energy resources helps to ensure a consistent and sustainable energy supply for consumers.

Economic Boost: Solar projects create a mini jobs boom in the community during construction and permanent opportunities in operations. Local businesses will benefit from contracting and spinoff opportunities as a result of the Project.

Tax Revenue: The Project's substantial tax revenue will support municipal services and infrastructure for decades to come.

Project Timeline

Now
Preliminary Consultation

Spring 2022
Impact Studies and Engineering Design

Summer 2022
Alberta Utilities Commission Application Submission

Fall/Winter 2022
Municipal Permits

Mid 2023
Commence Construction

Early 2024
Commercial Operation Date

Public Consultation

Contact Us!

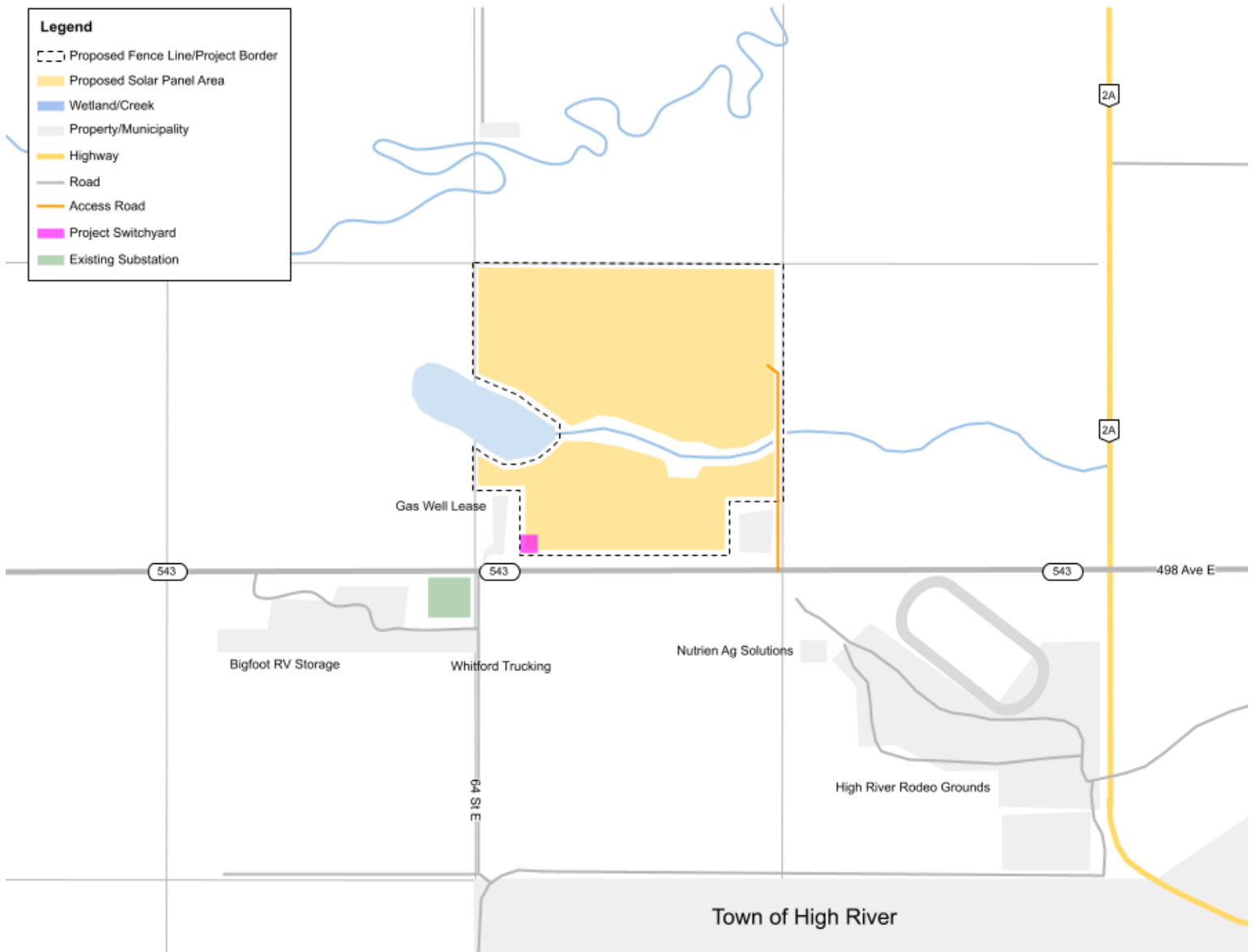
Your comments and feedback are important to us. Please contact us if you would have any questions, comments, or concerns, or to set up a personal consultation meeting.

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Visit us Online: <http://elementalenergy.ca/>

Project Site Plan



Map of proposed project layout and surrounding area

Project Impacts

Noise: Solar panels do not generate noise. Minimal noise is generated by the inverters and transformers but will be nearly inaudible from outside the project borders. A noise impact assessment will be completed this spring and available for review.

Environment: The project will be designed to reduce potential impacts on wildlife and the environment. Comprehensive environmental studies including wildlife studies, vegetation studies, wetlands delineation and habitat mapping have been completed for the Project and the results and potential mitigation will be submitted to Alberta Environment and Parks (AEP) in Spring of 2022. AEP will issue a Renewable Energy Wildlife Referral Report following their review (anticipated in Summer/Fall 2022).

Visual: The Project will be of low profile and will look similar to other solar projects in southern Alberta. The panels will stand around 4 to 8 feet high and there will be a fence surrounding to project area.