



ROCKTREE SOLAR PROJECT

JUNE 2021

PROPOSED PROJECT DETAILS

OVERVIEW

Voltarix Group Inc. (VGI) is planning a 22.6 megawatt direct current (MWDC) solar power project on a privately owned greenfield site near the intersection of Golden Spike Road (RR273) and Highway 628 at the legally described address SE 28-52-27 W4M.

As Alberta phases out coal-fired power plants, the Rocktree Solar Project will contribute meaningful renewable energy to meet electricity demand on the local distribution grid. The Project will generate roughly 31,000 megawatt hours of energy, an annual power equivalent to approximately 4,500 homes and working towards Alberta's goal of sourcing 30% of the province's electricity from renewable sources by 2030.

CONTACT US

Your feedback is important to us!

For more information on Voltarix Group or the Rocktree Solar project, contact our consultation lead Scott Porter, at:

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voltarixgroup.com



WHO WE ARE

Voltarix Group Inc. is an Edmonton based renewable energy Corporation with a global reach and sole focus on solar power developments that produce clean energy and reduce carbon emissions. We specialize in originating and managing commercial and utility scale solar development projects. Our vertically integrated services give us the ability to lead projects of any scale from concept through utility grid connection. Our focus on Value Management and unsurpassed Environmental, Social and Governance practices, ensures we bring our partners and the communities we build with the greatest returns for their engagement with us through all stages of the solar energy life cycle.



VIRTUAL OPEN HOUSE: June 17, 6:00pm - 8:00pm

WEB ACCESS LINK LOCATED AT VOLTARIXGROUP.COM/PROJECTS/ROCKTREE

FREQUENTLY ASKED QUESTIONS

We will post additional questions and responses to FAQ's on the project website at voltarixgroup.com/projects/rocktree

#1

Why have you chosen this site?

The site was selected for its flat profile and proximity to Fortis Alberta's Rocktree substation which distributes electricity across approximately 70,000 hectares of rural Alberta. By producing solar energy in this location, we can help reduce the area's reliance on carbon emitting electrical generation.

#2

Is there risk of contamination to the land or air?

No. Solar modules do not leach chemicals and there will be no underground hazardous materials, nor will our project emit dangerous or heat capturing fumes. Voltarix is committed to protecting the environment and the communities we build in.

#3

What will be done to prevent the potential for weeds to contaminate adjacent farmland?

VGI will manage weeds through mechanical means and with selective herbicides, as necessary. If required, we will revegetate the site in consultation with local farmers using a seed mix that will not impact nearby agricultural activities. We will remove any noxious weeds found on the site or will control them without delay, as required by the County.

ALBERTA UTILITIES COMMISSION (AUC)

The Alberta Utilities Commission regulates power generation in Alberta. The AUC is an independent, quasi-judicial agency of the Government of Alberta, whose mandate is to ensure the delivery of Alberta's utility services take place in a manner that is fair, responsible and in the public interest.

Information on how you can participate in the AUC's independent review program has been included in this package, and can be found online at www.auc.ab.ca. You can also contact the AUC by phone at 310-4282 or email at info@auc.ab.ca



LAND USE BYLAW TEXT AMENDMENT

VGI is currently seeking approvals from Parkland County to amend Land Use Bylaw 2017-18 related to use classifications to expand Section 12 to include utility scale solar energy systems as discretionary uses in the existing AGG and AGR zones. Please contact our team to have your voice heard and visit our website and attend our open house to learn more.

PROPOSED PROJECT SITE

THE PROJECT

Rocktree Solar is a proposed utility scale ground mounted solar photovoltaic (PV) development covering 120 acres of land. The Project will include approximately 41,500 angled solar modules installed on steel pile foundations and fixed steel racking to a height of 8ft. The entire property will be secured by permanent perimeter chain-link fencing.

VGI will use four inverters to change energy collected by the solar modules from direct current to alternating current in order to transmit it to Fortis Alberta's existing distribution power lines. No new towers or power poles will be required for the Project, and the regular operation of the facility will be nearly silent.



IMPACT MANAGEMENT

Voltarix Group is committed to working with independent third-party subject matter experts to identify and mitigate the potential impacts of the Rocktree Solar project.

- General and seasonal vegetation, wetland and wildlife surveys are currently being conducted to determine potential environmental effects of the project.
- A noise impact assessment has been performed in compliance with AUC Rule 012 for Noise Control. Solar energy is generally viewed as a very low source of noise impact electricity generator.
- The historical resource potential was assessed by the Province of Alberta and resulted in no potential impacts.
- Solar modules are commonly mistaken to create glare; however, light is absorbed by the module opposed to reflected. A glint and glare analysis will be completed to confirm minimal impacts to neighbours.

We will continually add our findings to the project website and are committed to share any and all identified risks with the public to ensure all concerns are addressed. All potential impacts will be considered during the design process and impact management plans will be put in place for construction and long-term operations.

WE WANT TO HEAR FROM YOU!

FOR MORE INFORMATION PLEASE VISIT [VOLTARIXGROUP.COM/PROJECTS/ROCKTREE](https://volarixgroup.com/projects/rocktree)

COMMUNITY BENEFITS

STIMULATING ECONOMY

Voltarix takes pride in employing local labor forces to perform impact assessments, construction, and long term operations. Many workers will use local accommodations and services during the Project's development, construction, and operations.

MUNICIPAL TAX REVENUE

The Project will provide ongoing tax revenue to the County without adding cost or burden to the community for municipal services, such as water or wastewater services.

GREEN ENERGY

The Project will generate emissions-free electricity throughout its life, improving air quality and lowering Alberta's carbon footprint. Solar energy generated during peak hours of electricity demand result in meaningful offsets of fossil fuel generation.

LOCAL GENERATION

Electricity will be consumed within the localized area where it is harvested, resulting in greater grid stability and reduced losses of energy that comes from transmitting power over longer distances.

CONSULTATION WILL CONTINUE THROUGHOUT THE PROJECT'S DEVELOPMENT, CONSTRUCTION AND OPERATION PHASES



PROJECT SCHEDULE

2021

The first half of 2021 will be spent undergoing consultation and notification with stakeholders within 800m of the Project as well as addressing concerns from the greater Parkland County community. Field studies and solar array design will be performed concurrently.

2022

Prior to 2022, VGI will complete professional third-party studies to evaluate potential impacts as described within the Impact Management section of this information package. All findings will be shared through the project website and included as part of our Alberta Utility Commission (AUC) application for regulatory approval.

2023

Upon Municipal, Provincial, and electrical regulatory approvals VGI plans to construct the facilities beginning spring of 2023, pending seasonal conditions at time of approval. The Rocktree Solar project will be commercially operating by Q3 2023.

Timelines are dependent on many factors and may be extended or accelerated as deemed necessary.