

WESTBRIDGE ENERGY CORP

JULY 2022
NEWSLETTER

Sunnynook Solar Energy Inc. is developing the
Sunnynook Solar + Battery Energy Storage
Project located in your area



The Sunnynook Solar + Battery Energy Storage Project is owned and being developed by Westbridge Energy Corporation.

We are committed to engaging openly with landowners, public stakeholders, government agencies, and members of the local community.

The Sunnynook Project Team is pleased to provide you with an introduction to the Project.

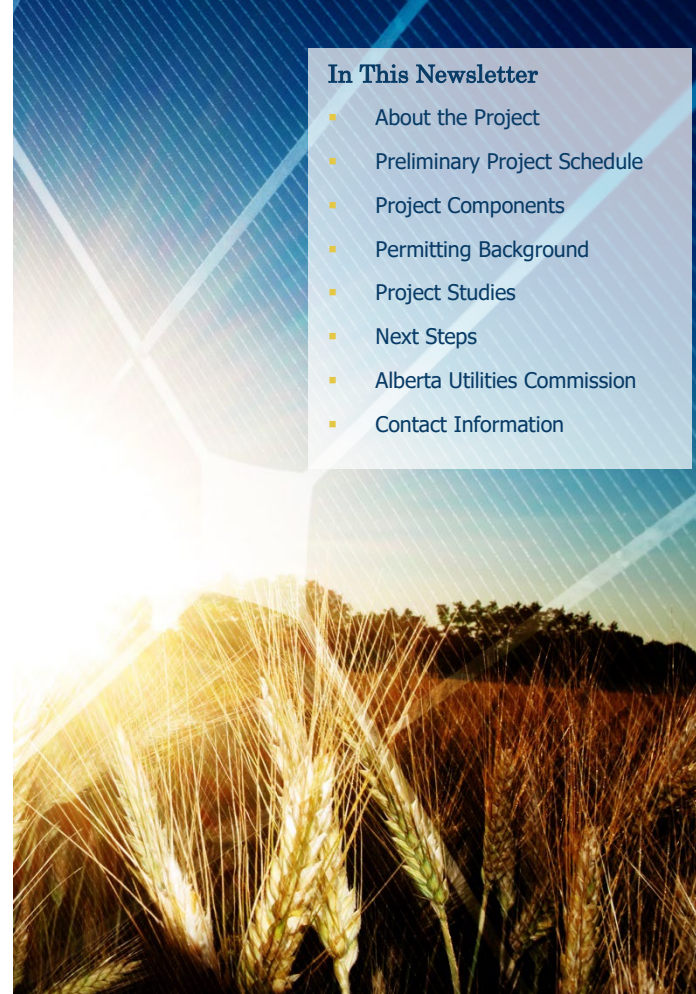
Westbridge is a publicly-traded renewable energy company listed on the Toronto Venture Exchange with a focus on originating and developing utility scale solar and energy storage projects to deliver clean electricity to Canadians.

The management team behind Westbridge has successfully developed more than 2-gigawatts of renewable energy capacity across Europe and North America, including four utility scale solar PV development projects comprising 985 MW and 300 MW of energy storage for a total of 1,285 MW in progress in Alberta. These projects will support clean energy procurements by government, various industries, and utilities.

The Project lands encompass portions of 8 quarter sections within Township 27, Range 12 W4M. A Project map is included and identifies lands proposed for development. The Project will involve installing solar PV modules, foundations and racking, inverter/transformer stations, an electrical collection system, internal access roads, a battery energy storage system site, and a Project substation to connect to the Alberta Interconnected Electric System (the Grid).

In This Newsletter

- About the Project
- Preliminary Project Schedule
- Project Components
- Permitting Background
- Project Studies
- Next Steps
- Alberta Utilities Commission
- Contact Information



Preliminary Project Schedule



ENVIRONMENTAL STUDIES

Conduct environmental field surveys and submit Referral Report to Alberta Environment & Parks
Sept 2021 – July 2022



INITIATE PUBLIC CONSULTATION

Project introduction and stakeholder engagement begins

June 2022



AUC APPLICATION

Power Plant and Substation application to the AUC

December 2022



AUC APPROVAL

Project receives its power plant approval from the AUC

March 2023



MUNICIPAL APPLICATION

Municipal Development Permit application to Special Areas 2

August 2023

ONGOING STAKEHOLDER CONSULTATION AND ENGAGEMENT

Project Components

- **BI-FACIAL SOLAR PV MODULES:** Bi-facial solar panels have been selected for the Project due to their ability to receive and transform solar radiation from both the top and bottom sides.
- **RACKING AND MOUNTING SYSTEMS:** The solar panels will be installed on a fixed-tilt racking system, which remains at a stationary tilt angle throughout the year, with panels ranging in height between approximately 1.0m to 2.5m above ground level.
- **INVERTER/TRANSFORMER STATIONS:** Inverters are electrical devices that receive the direct-current (DC) power collected by the solar panels and convert this to alternating current (AC) power at key junction points where they connect to the collector system. Transformers are electrical equipment that increase the voltage of the electricity produced by the solar PV facility to connect to the Grid.
- **ELECTRICAL COLLECTION SYSTEM:** The collection system for the project consists of underground cables connecting the inverters to the project substation.
- **COLLECTOR SUBSTATION:** A main power transformer located at the Project substation will take the generated power at 34.5kV and will step up the voltage to 240kV to connect the Project to the Grid.
- **INTERCONNECTION:** The Project proposes to connect to the existing 240kV transmission line located 1.6km north of the Project.
- **ACCESS ROADS:** To deliver and transport materials during the construction phase, and to access the Project equipment for regular operations and maintenance, the Project will require construction of new access roads or upgrades to existing access where possible to minimize additional disturbance.
During construction and operations, the entire project would be fenced in for security and safety reasons.



Permitting and Approvals Background

The *Hydro and Electric Energy Act* sets out the process for the approval of power plants – defined as “*facilities for the generation and gathering of electric energy from any source*”.

To construct or operate a power plant requires approval by the Alberta Utilities Commission (AUC) and requires compliance with three AUC rules in particular:

- **RULE 007:** Applications for Power plants, Substations, Transmission Lines, Industrial System Designations, and Hydro Development
- **RULE 012:** Noise Control
- **RULE 033:** Post-Approval Monitoring for Wind and Solar Power Plants

In addition, Sunnook will be required to follow all applicable federal, provincial, and municipal requirements to achieve a fully permitted project, which typically takes 2-3 years.

Environmental Studies

Environmental desktop and field studies were initiated in 2021 and continue throughout 2022 including:

- Environmental constraints mapping to identify buildable areas of land and avoid environmentally sensitive areas.
- Desktop wetland delineation and field verification to minimize impacts to wetlands and surface waters.
- Wildlife surveys including breeding bird, spring and fall bird migration, raptor, burrowing owl, sharp-tailed grouse, and amphibians to mitigate impacts to wildlife.

These studies will be compiled into the Sunnook Solar Project Renewable Energy Report that will be submitted to Alberta Environment and Parks (AEP) in August 2022. AEP will issue a Renewable Energy Wildlife Referral Report following its review and we anticipate this in December 2022.

Technical Project Studies

HISTORICAL RESOURCES: The Project will submit an application for *Historical Resources Act* approval from Alberta Culture, Multiculturalism and Status of Women.

NOISE: The Project will complete a noise impact assessment per AUC Rule 012, Noise Control to assess noise for residences within 1.5 km of the Project.

GLARE: The Project will complete a glare hazard assessment to assess potential glare impacts at residences, along roads, and aerodromes if applicable.

GRID INTERCONNECTION: An application for system access has been submitted to the Alberta Electric System Operator and various engineering studies are underway to allow the Project to connect to the Grid.



Next Steps

We are committed to engaging landowners and potentially affected stakeholders regarding the Project. We intend to file the solar power plant application with the Alberta Utilities Commission (AUC) in December 2022. We will also engage Special Areas 2 for Municipal Development Approval in Q2/Q3 2023.

We are committed to sharing information about the Project and working with the local community to ensure that we receive and understand stakeholder feedback and concerns. We encourage community members and stakeholders to participate throughout this process and to contact us if you have any questions or concerns about the Project – our contact information is included

Alberta Utilities Commission (AUC)

The Alberta Utilities Commission, or AUC, regulates power generation in Alberta. The AUC is an independent, quasi-judicial agency of the Government of Alberta, whose mandate is to ensure that delivery of Alberta's utility services take place in a manner that is fair, responsible, and in the public interest. We have included an AUC brochure titled *Public Involvement in a Proposed Utility Development* with this newsletter.

Contact Us:

T: (587) 997-9904
Sunnynook@AscentPartners.ca

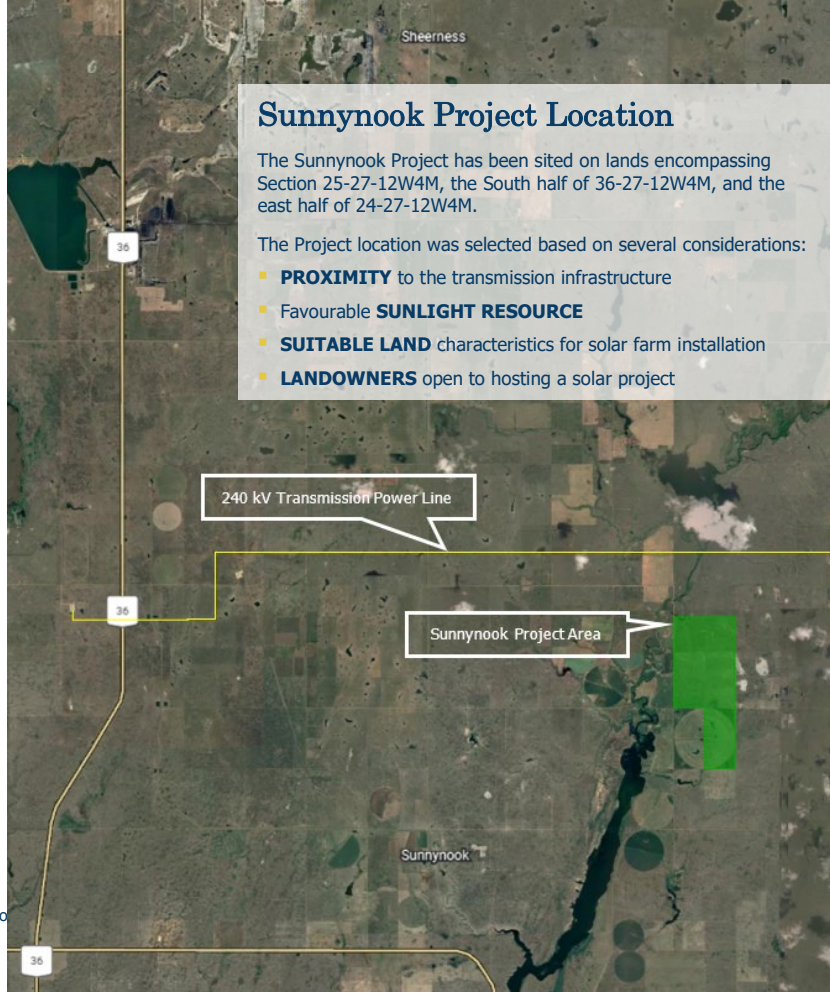
Sunnynook Solar Inc.

Participant Involvement Program Mailbox

P.O. Box 406 203-304 Main Street SE Airdrie, AB T4B 3C3

Privacy Statement: We are committed to protecting your privacy. Collected information will be protected under the provincial Personal Information Protection Act. As part of the regulatory process for new generation projects we may be required to provide your personal information to the Alberta Utilities Commission (AUC). For more information on how information will be protected please contact us.

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Sunnynook Project Location

The Sunnynook Project has been sited on lands encompassing Section 25-27-12W4M, the South half of 36-27-12W4M, and the east half of 24-27-12W4M.

The Project location was selected based on several considerations:

- **PROXIMITY** to the transmission infrastructure
- Favourable **SUNLIGHT RESOURCE**
- **SUITABLE LAND** characteristics for solar farm installation
- **LANDOWNERS** open to hosting a solar project