Springbrook Solar Project

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You are receiving this package because you live on or own land within approximately 2km of the proposed Springbrook Solar Project. This newsletter will provide you with relevant project information and we invite any comments or questions you may have.

Project Overview

Saturn Power Inc. (Saturn), in partnership with the Red Deer Regional Airport and Red Deer County, is developing the Springbrook Solar Project (the Project). The Project site is located in Red Deer County, southwest of Red Deer, Alberta, and adjacent to the settlement of Springbrook. The Project is a 16.25 MW AC / 20.46 MW DC ground mount solar facility proposed on lands owned by the Red Deer Regional Airport and private landowners. The Project will include the installation of perimeter fencing, gravel access roads, steel racking, solar PV modules, inverters, transformers and associated cabling.

SPRINGBROOK SOLAR PROJECT DETAILS

Project Location

Red Deer County at the southeast corner of Township Rd 374 and Range Rd 281 (C&E Trail) (See Site Map)

Project Size

16.25 MW AC / 20.46 MW DC

Site Characteristics

Flat, vacant and agricultural land adjacent to operating runway of Red Deer Regional Airport

Expected Construction Start Date

Fall 2021

Expected Commercial Operation Date

Summer 2022

Project Coordinates

52° 11' 52.062" N, 113° 53' 44.4732" W (Centre of Site)

Project Area

115 acres

Technology

Single Axis Tracker panels with Bi-Facial solar PV modules

Expected Construction Term

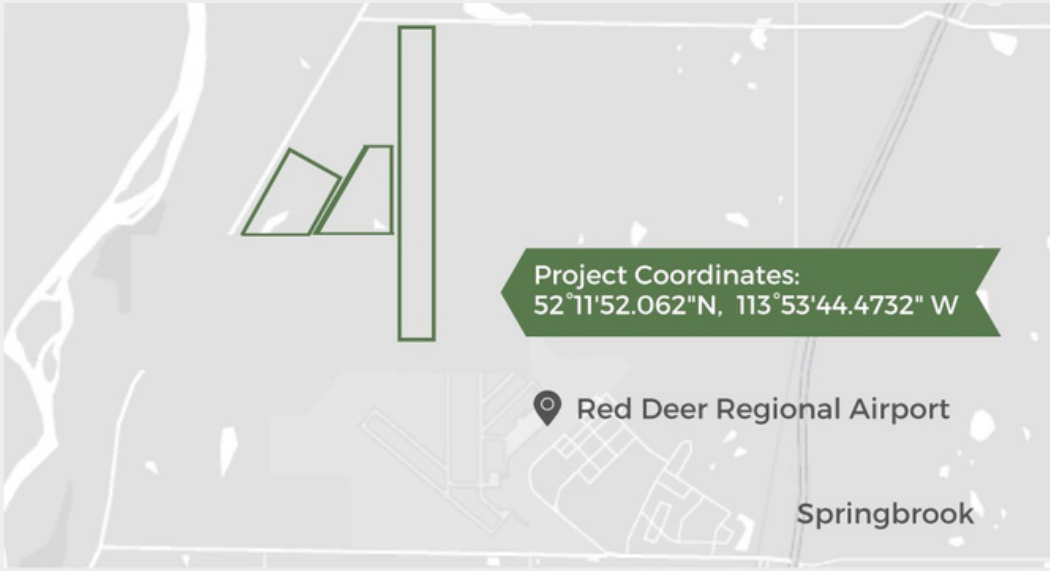
4-6 months

Energy Output

24,112 MWh annually

Project Location

The Project will be located at the southeast corner of Township Rd 374 and Range Rd 281 (C&E Trail). The eastern most portion of the Project is adjacent to the Red Deer Regional Airport with an appropriate setback in place from the airport runway. The Project site will be enclosed by a chain link fence and will be accessed via a gate at Township Rd 374.



The Project site is located on land that is vacant or agricultural land, that is relatively flat, with favorable solar resource creating an encouraging location to develop a solar PV facility. The Project site is in close proximity to existing electrical infrastructure with available capacity for interconnection with the Fortis distribution grid.

Photo: This is a computer generated image of what the proposed Project would look like as seen from Township Road 374 facing south

Project Benefits

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- Reductions in Greenhouse Gas (GHG) emissions by approximately 10,242 tonnes CO2e per year and 358,500 tonnes CO2e over the expected 35-year Project lifespan, benefiting the community with improved air quality.
- Supports Alberta's initiative of achieving 30% clean energy generation by 2030 under the Climate Leadership Plan and reduce the Province's reliance on fossil fuel energy sources.
- The close vicinity of the Red Deer Regional Airport runway limits the potential to develop the lands for more traditional applications such as residential, commercial or industrial. The development of a ground-mount solar project is an excellent compatible use for these lands.
- Generates direct revenue for the Red Deer and Springbrook community through property tax revenue, lease revenue, and funding through a Community Benefits Agreement.
- Creates new direct local jobs and indirect jobs in the growing renewable energy sector through the development, construction, and operation & maintenance phases of the Project.

In its first year of operations, the Springbrook Solar Project will produce enough electricity to offset the power consumption of over 3,300 average Albertan homes.

Estimated Project Timeline

September 2020
Initiate Project Notification & Public Consultation

December 2020
Distribute Project Update & Assessment Results

Early 2021
Submit AUC Application

Fall 2021
Start of Construction

Summer 2022
Expected Commercial Operation Date

Permitting

Saturn is currently working towards acquiring all necessary federal and provincial approvals for the Project. This process requires a thorough assessment of existing conditions of the subject properties and adjacent properties followed by the identification and analysis of expected impacts of the project on the immediate and surrounding areas. Desktop and field studies were conducted in the Spring/Summer seasons in 2020 and additional studies will be conducted in 2021.

Provincial Approvals

The project will require approval from the Alberta Utilities Commission (AUC) which is an independent agency of the Province and ensures that the delivery of Alberta's utility service takes place in a manner that is fair, responsible and in the public interest.

Alberta Environment and Parks (AEP): In accordance with the AEP permitting guidelines, a third-party environmental consultant has conducted field studies to confirm existing wildlife, wildlife habitat, vegetation, wetlands and water courses within the Project area and have submitted their findings into the AEP for review. The submission included recommendations for Construction and Operation Mitigation and Post-Construction Monitoring and Mitigation. With implementation of these mitigations it is expected that the Project will not have adverse effects on the natural heritage environment.

Glint and Glare Analysis: A Glint and Glare analysis was conducted to assess the potential of glare impacts from the proposed solar array on nearby receptors. The study concluded that no hazard from glare is expected to aviators, drivers and residences located near the Project.

Noise Assessment: A noise impact assessment is currently underway to ensure the Project complies with AUC Rule 12: Noise Control and does not exceed noise emissions limits.

Historical Resources Act: The Ministry of Culture, Multiculturalism and Status of Women has reviewed and issued approval for the construction of the Project under Alberta's Historical Resources Act.

Federal Approvals

A qualified airport consultant has been engaged to ensure that design of the Project considers the safety and future growth of the Red Deer Regional Airport.

Transport Canada: Under Review - A Plan of Construction Operations has been prepared by a third-party aviation consultant and submitted to Transport Canada outlining the steps and restrictions to construction activities to ensure minimum impacts on the airport operations.

NavCanada: Under the NavCanada permitting requirements a Land Use Application was submitted and approved ensuring our Project development complies with air navigation system safety and efficiency.

SATURN POWER

Company Background

Saturn Power Inc. (Saturn) is a Canadian renewable energy developer specializing in mid-sized utility scale solar, wind and energy storage projects. With more than 13 years of experience, Saturn has significant renewable energy knowledge and expertise, ranging in scope from early-stage development through to construction and commercial operation of over 150 MW of solar, wind and energy storage power projects and currently operates over 45 MW of assets in Canada.

As Saturn emerged from the vision of two farmers, their knowledge, value, and unique understanding of the lay of the land has been embedded into the internal workings of the company and its employees. Saturn has always put a strong emphasis on being unrivalled in its stewardship of the land and will continue to do so wherever it operates.

RED DEER COUNTY

Red Deer County is proud to support this exciting new project, as renewable energy is identified as a priority in the Red Deer County Economic Development Strategic Plan 2017.

JANUARY - MARCH

Next Steps - Public Consultation

Saturn strongly believes in the importance of community outreach to build and maintain strong relationships within the communities which host our projects. We encourage you to provide feedback or to reach out with questions. For more information on how you can participate in the AUC approval process, please refer to the enclosed AUC brochure Public Involvement in a Proposed Utility Development. Visit our website for project information: **www.saturnpower.com/Springbrook-Solar**

CONTACT US

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Privacy Commitment: Saturn Power Inc. 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, Saturn Power Inc. may be required to provide your personal information to the AUC.