



NOVA SOLAR POWER PROJECT

October 2021 Project Newsletter

ABOUT THE PROJECT

Renewable Energy Systems Canada Inc (RES) is proposing to develop, build and operate the Nova Solar Power Project (the “Project” or “Nova”). Nova is a 150 MWac solar energy generation project located about 1 mile southwest of Carseland in Wheatland County, Alberta. The enclosed Project Area Map shows the proposed Project location.

The Project will consist of the following infrastructure and would use approximately 950 acres of previously disturbed, cultivated land located on lands earmarked for industrial development by the County.

Solar Panels and Inverters: Tier 1 polysilicon bifacial solar modules on single-axis trackers and bi-directional inverters to enable the potential addition of an energy storage facility.

Collection System: The collection system consists of 34.5kV underground cables connecting the inverters to the Project substation.

Substation: The collection lines will lead into a step-up transformer in the 240kV Project substation located on the western edge of the power plant and would include a telecommunications tower.

Interconnection: The Project proposes to connect to the Alberta Interconnected Electricity System (AIES) by t-tapping an AltaLink owned and operated 240kV transmission line via an approximately 6 km Project transmission line. Public engagement for this development will be carried out separately in Q1 2022.

Access Roads: Access roads throughout the project will provide safe access to the solar facility during its construction and operations and maintenance phases.

Fence: A security fence will surround the entire Project during both construction and operations.

WHY SOLAR ?

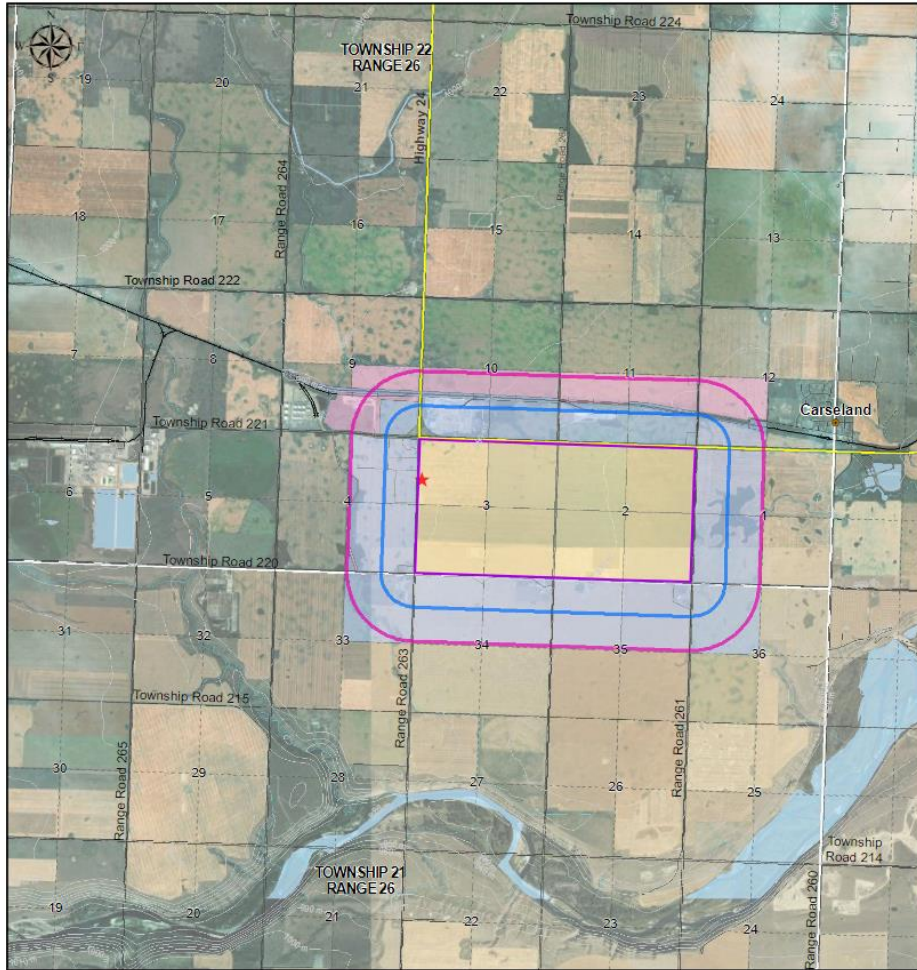
Affordability: thanks to the evolution of solar technology, solar energy is a low-cost option for new electricity generation in Alberta which has an excellent solar resource.

Environment: solar energy produces no carbon emissions or other air contaminants. It is a key solution to fighting climate change.


Community: solar projects benefit local communities through economic development, job creation, training, lease payments to local landowners and tax revenue to the host County.

For more information, please visit: www.novasolarproject.com

PROPOSED PROJECT AREA MAP



NOVA SOLAR POWER PROJECT
Project Area Map



Legend

SITE

- SITE
- QS signed with RES
- QS within 400m Buffer
- QS within 800m Buffer
- Consultation Area 400m Buffer
- Notification Area 800m Buffer
- ★ Proposed Substation Location

TERRITORY

- Roads
- Highway 24
- Railway
- Watercourse
- Waterbody

LAND

- Quarter Section
- Section

RENEWABLE ENERGY SYSTEMS CANADA INC.
 This drawings is property of RES Canada.
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res

0 0.5 1
Mile

NAD 1983 UTM Zone 12N

Absolute Scale
1:55,000

Data Sources:
CanVec12, Altiris, ArcGIS Online
Date: October 2021

ANTICIPATED PROJECT TIMELINE:



*Timeline is subject to change.

**Consultation will be ongoing throughout the development, construction, operations and decommissioning phases of the Project.

LOCAL BENEFITS

The local community will receive benefits from the proposed Nova Solar Power Project, including:

- Municipal tax revenues throughout the life of the project
- Construction and operations jobs and support services during construction and throughout the life of the Project
- Contract opportunities for local businesses
- Increased local spending on goods and services during the Project's development, construction and operational phases.

ENVIRONMENTAL STUDIES AND ASSESSMENTS

As part of the government review process, solar projects are subject to various environmental study and reporting requirements. In order to meet these requirements and to design the Project layout, we are conducting many desktop and field studies, including the following:

- Wildlife field surveys - completed
- Wetlands classification and mapping - completed
- Vegetation field surveys and mapping - completed
- Geotechnical studies - October-November 2021
- Noise impact assessment - Fall 2021
- Glint and glare impact assessment - Fall 2021
- Sub-surface surveys for oil, gas & other underground infrastructure - Fall 2021
- Pre-construction soil surveys - Summer 2022

PUBLIC CONSULTATION

As the Project proceeds through the development process, we are committed to working with all landowners and stakeholders to establish and maintain a strong relationship between RES and the community. We strive to exceed the minimum requirements on all our projects, and we commit to responding and acting on all comments and concerns in a timely manner. We will advise stakeholders prior to submitting an application to the AUC for approval, which we anticipate could be as early as Q1 2022.

YOUR FEEDBACK IS IMPORTANT TO US !

RES IN YOUR COMMUNITY

RES is an active player in the community and supports various fundraising events and special initiatives that bring local benefit.

If you have any ideas on how we can take an active role in the community, please contact us.

ABOUT RES

RES, the largest independent renewable energy company in the World, is a family-owned business, owned by the McAlpine Family Trust, and has been in the renewable energy business since 1983. Through our corporate culture and values we are dedicated to a zero-carbon future for all Canadians and our focus is solely on renewable energy projects (wind, solar) and supporting & enabling projects (energy storage, transmission). RES has been developing, constructing, owning and/or operating renewable energy, transmission, and energy storage projects in Canada since 2003. RES has developed and/or built 28 projects across Canada. Please visit: <http://www.res-group.com> for more information.

RES Overview



21_{GW}

PROJECT
PORTFOLIO

39

YEARS OF
EXPERIENCE

7.5_{GW}

OF OPERATIONAL
ASSETS SUPPORTED

2,000+

EMPLOYEES



ACTIVITIES



DEVELOP



CONSTRUCT



OPERATE

TECHNOLOGIES



WIND



SOLAR



STORAGE



T&D

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