



ENTERPRISE SOLAR POWER PROJECT

July 28, 2020 Newsletter

About the Project

Renewable Energy Systems Canada Inc. (RES) is proposing to develop a solar power project of up to 94 MWac of generation to be located in the County of Vulcan, Alberta, approximately 4km SW of the Town of Vulcan. RES will be seeking necessary approvals from the Alberta Utilities Commission (AUC), Vulcan County and other permitting bodies as required.



Project Details

The Project has been initially designed with the following infrastructure and would utilize approximately 700 acres of previously disturbed, cultivated land:

Solar Panels and Inverters: Tier 1 solar panels and bi-directional inverters to allow the Project to potentially utilize energy storage facilities in the future.

Collection System: The collection system consists of underground cables connecting the inverters to the Project substation. The enclosed Project Layout Map shows panel location and associated infrastructure.

Substation: A 34.5kV to 138kV main power transformer would convert medium voltage electricity produced by the Project to high voltage electricity to inject into the Alberta Interconnected Electricity System (AIES).

Interconnection: The Project proposes to t-tap 161L, the existing 138 kV transmission line, owned and operated by AltaLink, located at the southern project property line. There would be a short connection line of approximately 30m – 50m connecting the Project substation to the 138kV transmission line, all located on private land participating in the Project. No long transmission line would be required for this Project.

Access Roads: The Project will use access roads during its construction and operations and maintenance phases to access the solar farm. During both construction and operations the entire project would be fenced in for security and safety reasons.



About RES

RES is a family-owned business, owned by the McAlpine Family Trust, and has been in the renewable energy business since 1983. RES is also the largest independent renewable energy company in the World. Through our corporate culture and values we are dedicated to a low-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 built and/or developed 27 projects across Canada. Please visit: <http://www.res-group.com> for more information.

Covid-19

To ensure public safety, we will not be holding a Public Open House event this summer. Instead, we encourage you to come visit us one-on-one during our Open Office Hours to discuss any concerns or questions you may have.



Open Office Hours:
Tuesdays and Wednesdays
August 17th to
September 30th 2020

Tuesdays: 4 pm – 7 pm
Wednesdays: 8 am – 11 am

101, 2nd Avenue South
Vulcan AB, T0L 2B0



LOCAL BENEFITS

The local community will receive benefits from the proposed Enterprise 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



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.

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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 Fall 2020.

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 a number of studies, including desktop and field studies focused on:

- Wildlife field surveys
- Wetlands classification and mapping
- Vegetation Field Surveys and Mapping
- Soil Surveys
- Geotechnical Studies
- Noise Impact Assessment
- Glare Impact Assessment
- Sub-surface surveys for oil/gas facilities & other underground infrastructure

Ongoing Development work

RES is currently in the process of:

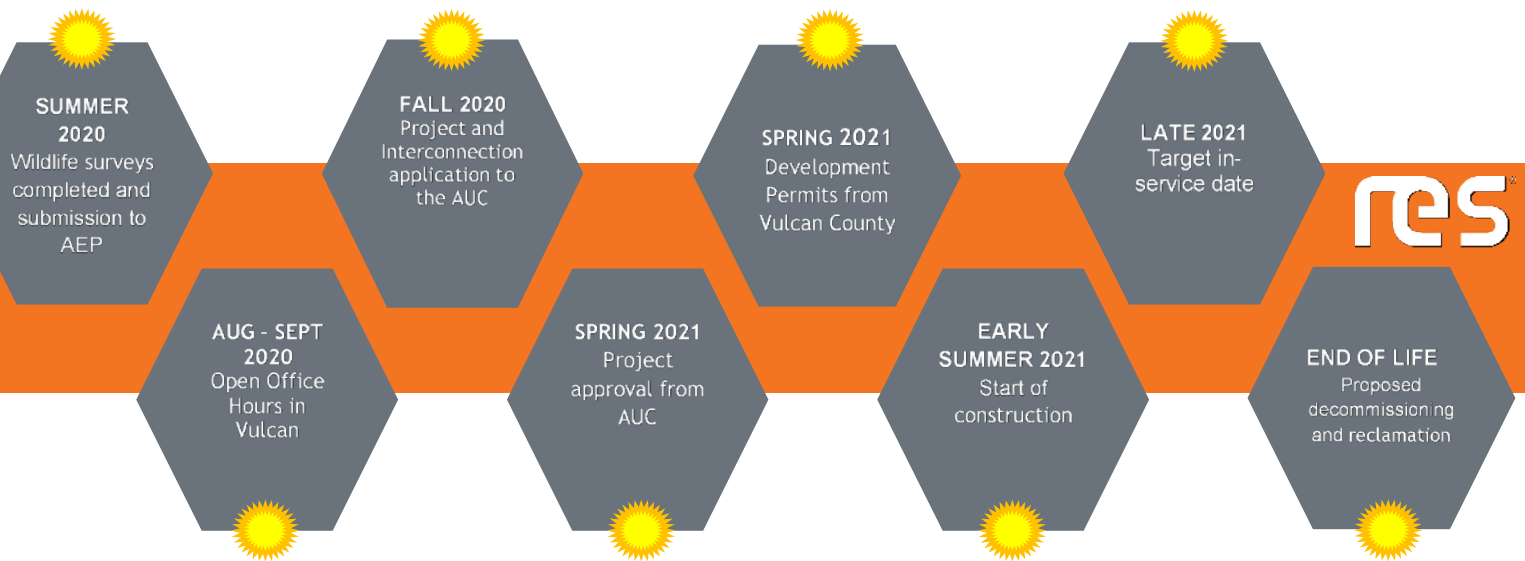
- Undertaking the Public Involvement Program

- Conducting ongoing stakeholder consultation activities

- Conducting environmental assessments based on wildlife and habitat field studies

- Permitting activities including the AUC application.

Project Timeline



← PUBLIC CONSULTATION ONGOING THROUGHOUT THE LIFE OF THE PROJECT →



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