

The Pendleton Newsletter is designed to provide you with the latest information about the Pendleton Solar Energy Centre. This publication will help you learn about the project, its timelines, anticipated benefits and provide project contact information.

ABOUT THE PROJECT

Selected by the Independent Electricity System Operator (IESO) under the Large Renewable Procurement I Request for Proposals (“LRP I RFP”), Pendleton Solar Energy Centre is being realized by a partnership between EDF EN Canada and the Algonquins of Pikwàkanagàn First Nation.

The project will be situated on a 140 acre privately-owned land parcel on the south east corner of County Roads 2 and 19 about 5 km west of Curran within the Township of Alfred

and Plantagenet. Pendleton Solar Energy Centre will have a capacity of 12 megawatts alternating current (MWac) and will generate enough power to meet the demand of about 2,500 homes.

Construction is planned for 2018, following the receipt of required provincial and municipal approvals and permits. Commercial operation is expected by the end of 2018.

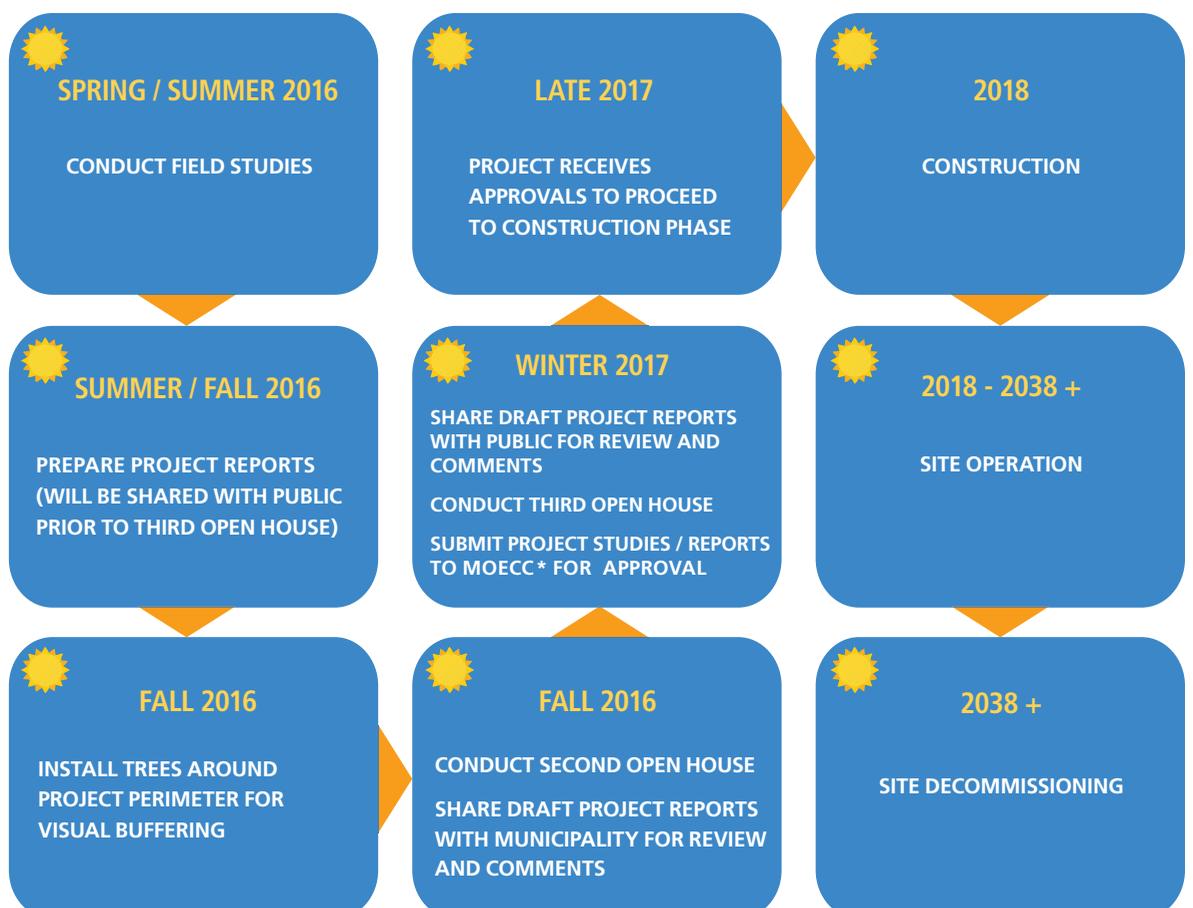
COMMUNITY BENEFITS

The municipality of Alfred and Plantagenet, The United Counties of Prescott and Russell, as well as associated school boards and local residents will realize many benefits, including:

- A Community Benefit Agreement to contribute funds on an annual basis to the Township of Alfred and Plantagenet for improving local infrastructure and services (nearly \$ 500,000 over the life of the project).
- Additional property tax revenues for the Township of Alfred and Plantagenet, the United Counties of Prescott and Russell and local school boards (nearly \$400,000 over the life of the project).
- Nearly one hundred (100) construction jobs at the peak of construction, providing opportunities for local employment and the hospitality sector.
- Important opportunities for the local and surrounding economy during construction through: the procurement of local services, contractors and materials for project construction (i.e. aggregate, landscaping, etc.).

PROJECT TIMELINE

*MOECC - Ministry of Environment and Climate Change
Note: Public consultation continues throughout each phase of the project



PROJECT STUDIES

A number of studies are necessary as part of the approvals and permitting process. The following studies are either complete or underway:

- A natural heritage site investigation to identify if sensitive natural features such as wetlands or significant woodlands exist on or within 50 m of the Project Location.
- An aquatic site investigation to identify if aquatic features, such as water bodies or streams, exist within 120 m of the Project Location.

- An archaeology assessment to determine the archaeological potential of the Project Location. No archaeological resources have been recovered during the Stage 2 Archaeology Assessment to date.
- A review of cultural heritage resources to identify heritage sites within or adjacent to the Project Location.

These studies identify sensitive features and identify mitigation measures to protect these features.

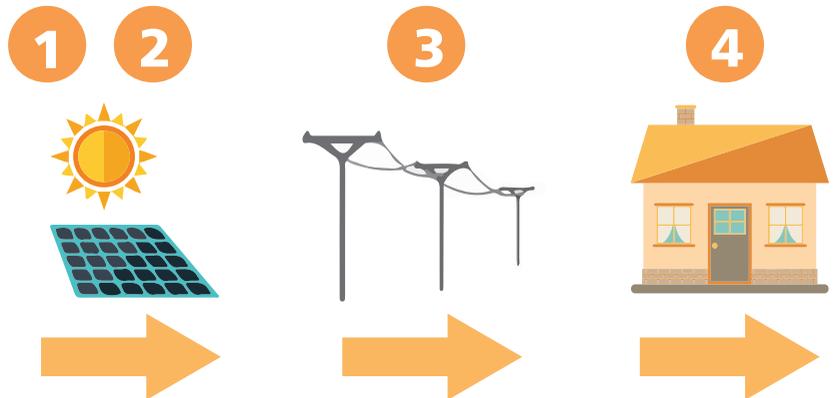
The noise assessment is an important study to be conducted later this year to confirm sound propagating from project equipment during operation is less than 40 dB (equivalent to a quiet room) at the exterior of neighboring homes.

More details will be shared with the public and municipal and provincial agencies in the coming months as we complete our studies and associated reports.

HOW SOLAR WORKS

- 1 - Energy from the sun falls onto the earth's surface each day in the form of sunlight.
- 2 - The sunlight is absorbed by the solar panel, converting sunlight into electricity.
- 3 and 4 - Electricity generated travels through distribution lines to homes and businesses.

Crédits illustrations: 123rf-Yulia Drozdova; neonflower



NATURAL VISUAL SCREEN WILL CONTRIBUTE TO A SUSTAINABLE SOLAR ENERGY CENTRE

As a result of our previous engagement with neighbors and the municipality, the project team is working closely with South Nation Conservation to plant approximately 1,000 coniferous and deciduous trees (each about 3-6 ft high) on the north and west boundaries of the project site along County Roads 2 and 19 to integrate a natural visual screen around the Pendleton Solar Energy Centre. Planting is anticipated to commence this fall, to allow time for the trees to mature prior to construction in 2018. South Nation Conservation will also help to identify a suitable vegetative cover such as clover to plant under the solar panels to keep a natural look to the site and promote foraging by species such as bees and butterflies.

VISUAL BUFFER EXAMPLE



Initial view



Initial planting



Vegetation after 5 years



Vegetation after 10 years

STAY TUNED!

The Pendleton Solar Energy Centre team will hold its second open house on Tuesday, October 4th, from 5 PM to 8 PM, at the Forum in Curran. This is an opportunity for you to learn more about the solar energy centre and share with us your interests that should be considered during project planning. We encourage you to call or email us to be added to our mailing list, to share your thoughts about the project, or if you have any questions.

The project newsletter and open house details will also be on our website:
http://www.edf-en.ca/projects/project_display/pendleton-solar-energy-centre1

CONTACT US

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