

The Barlow Newsletter is designed to provide you with the latest information about the Barlow 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"), Barlow 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 privately-owned land located within the Township of South Stormont and

utilize a right of way within the City of Cornwall to connect to the existing electricity distribution grid. Barlow Solar Energy Centre will have a capacity of 10 megawatts alternating current (MWac) and will generate enough power to meet the demand of about 2,000 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.

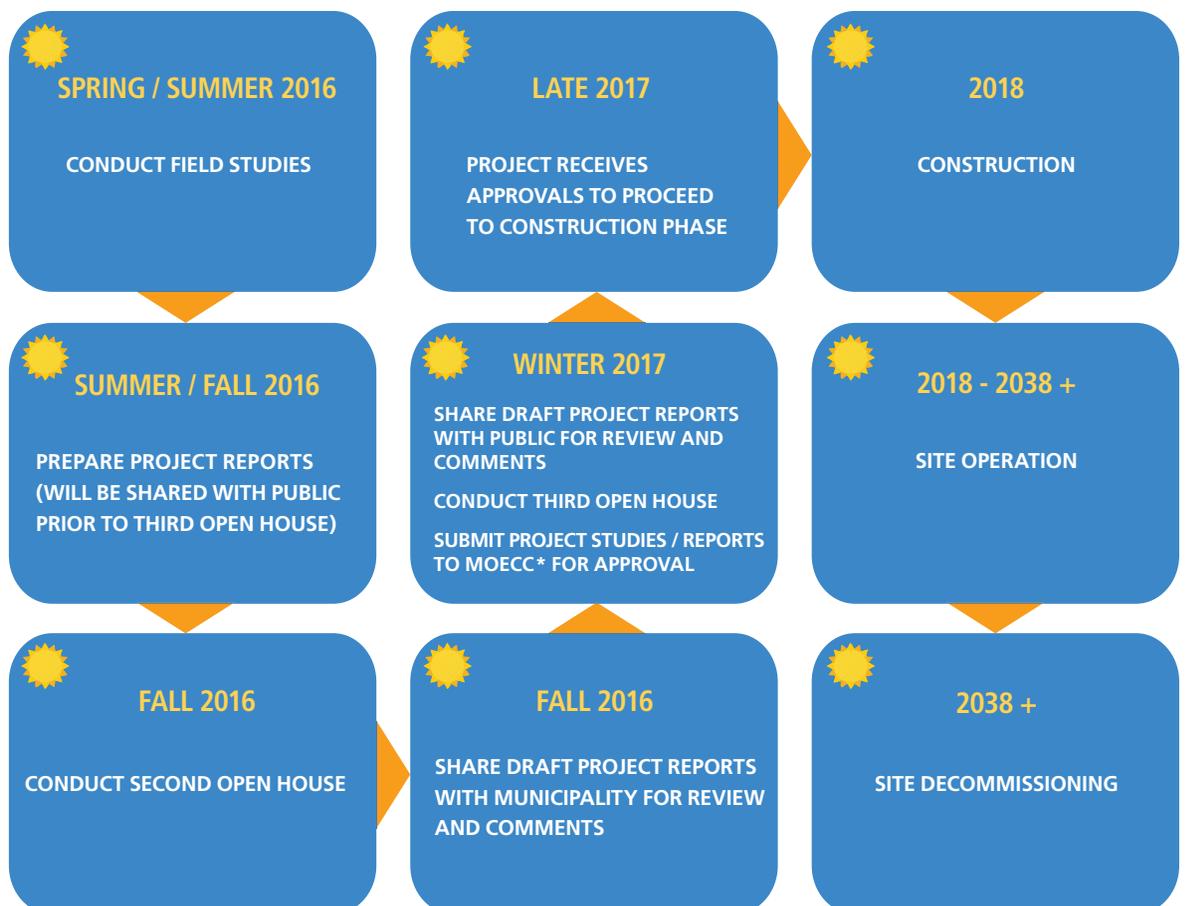
## COMMUNITY BENEFITS

**The Township of South Stormont, county, 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 South Stormont for improving local infrastructure and services (nearly \$480,000 over the life of the project).
- Additional property tax revenues generated by the project that will help to supplement revenues for the Township of South Stormont, county 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 50m 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.
- 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. No archaeological resources have been recovered during the Stage 2 Archaeology Assessment to date.

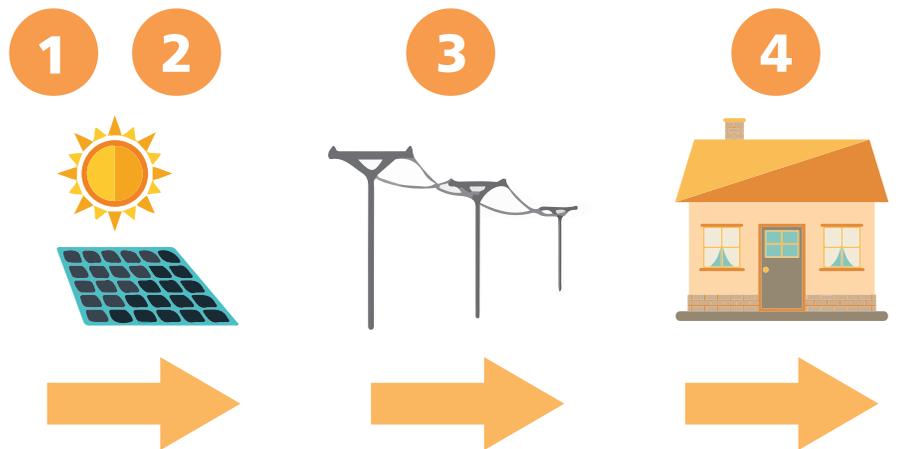
The noise assessment is an important study to be conducted later this year to confirm that sound propagating from project equipment during operation is less than 40 dB (equivalent to a quiet room) at the exterior of neighboring homes.

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; neonicflower

## STAY TUNED!

The second open house for the Barlow Solar Energy Centre is scheduled for Wednesday, October 5th (South Stormont Community Hall) and Thursday, October 6th (Best Western Plus Parkway Cornwall), from 5 PM to 8 PM. 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://edf-en.ca/projects/project\\_display/barlow-solar-energy-centre1](http://edf-en.ca/projects/project_display/barlow-solar-energy-centre1)

### CONTACT US

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