



PACE Canada LP  
15th Fl. Banker's Court  
850 2nd St. SW  
Calgary, AB T2P 0R8

February 13, 2023

Dear Stakeholder,

RE: PACE CANADA LP

NOTIFICATION OF PROPOSED SOLAR FARM DEVELOPMENT

Harvest Sky Solar (Hanna, Alberta)

Meridian 4 Range 14 Township 31 Section 4 North West Quarter

PACE Canada LP is a partnership jointly and equally owned by Pathfinder Clean Energy, a global clean energy development and investment company, and Goldbeck Solar, a German firm specializing in the construction of large-scale solar power plants. The joint venture has a focus on utility scale solar, battery energy storage and green hydrogen production in Alberta.

PACE is proposing a 30MW Solar Farm (the Project) within the municipal boundaries of the Town of Hanna, Alberta. This notification package is being provided to stakeholders who may reside or hold interest in property within 800m of the Project to ensure they have an opportunity to voice any questions or items of concerns, or share any comments they may have on how we can improve the Project.

In this package you will find the following information:

- An information newsletter detailing the proposed Project.
- Information and registration details for two upcoming information and consultation sessions in Hanna.
- An Alberta Utilities Commission (AUC) information brochure, entitled "Public involvement in a proposed utility development" which outlines the application review process, as well as opportunities for public involvement.

You can also find more details on the Harvest Sky websitem -  
[www.harvestskysolar.ca](http://www.harvestskysolar.ca) - as new information becomes available.

If you are aware of additional Occupants, Residents or Property Owners with interests in a project at this location, please feel free to share this information with them, or call the undersigned and provide their contact information so that we may follow up with them directly.

If you received this information package and are interested in a one-on-one personal consultation, or have any concerns or questions about the proposed Project, please contact PACE Canada's Project & Communications Coordinator, Rhonda Barron.

Kind regards,



Claude Mindorff  
Director of Development  
[claudio.mindorff@pathfinderce.com](mailto:claudio.mindorff@pathfinderce.com)  
403-793-5365



Rhonda Barron  
Project and Communications Coordinator  
[rhonda.barron@pathfinderce.com](mailto:rhonda.barron@pathfinderce.com)  
587-869-0772

/CM

Enclosures



February 13, 2023  
Harvest Sky Solar Farm  
Stakeholder Newsletter

## PROJECT OVERVIEW

PACE Canada has identified 102 acres of land suitable for a solar farm development within the urban boundaries of Hanna, Alberta.

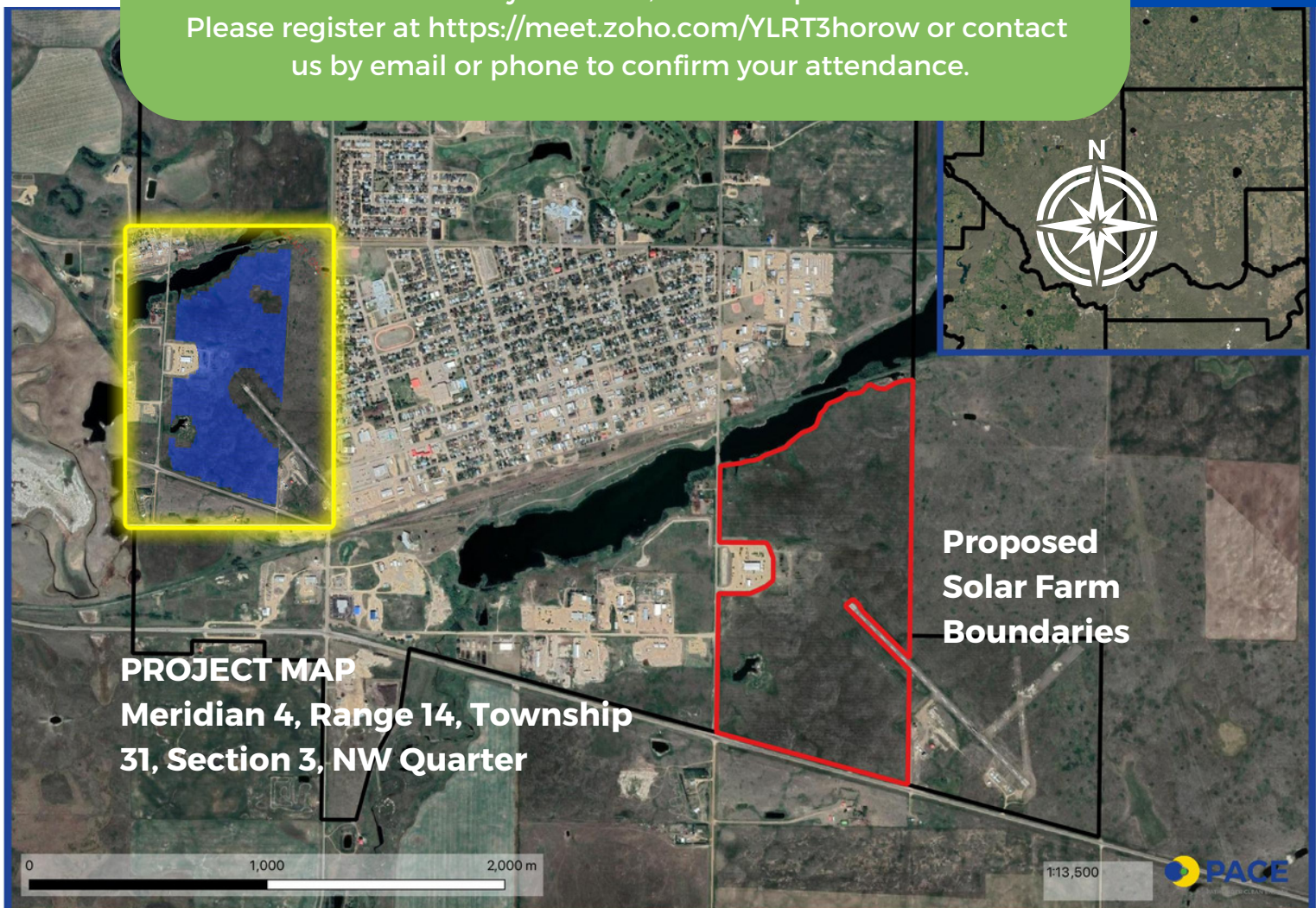
The proposed project (Harvest Sky Solar) will generate 30MW of clean energy that will feed into the Alberta electrical grid via ATCO's distribution system.

## WHAT'S INSIDE

- Project overview
- Project description
- Why solar and how it works
- Community, environmental and economic benefits
- Anticipated project timelines
- Alberta Utilities Commission (AUC) process
- Contact methods

Virtual Public Information & Consultation Session  
Tuesday March 14, 6:30-8:30 p.m.

Please register at <https://meet.zoho.com/YLRT3horow> or contact us by email or phone to confirm your attendance.





## PROJECT DESCRIPTION

Harvest Sky Solar Project is a proposed utility scale ground-mounted solar photovoltaic (PV) project located within the Town of Hanna, AB.

The proposed Project will be made-up of fixed mounted panels that will be south facing and held in place with steel driven piles. The Project will generate 30MW of clean electricity every year.

To obtain updated information on the project and to access PACE Canada's Solar Farm Frequently Asked Questions and Concerns e-resource, please visit the project website, [harvestskysolar.ca](http://harvestskysolar.ca) or feel free to contact us by email or phone.

## WHY SOLAR

As you may know, the Intergovernmental Panel on Climate Change (IPCC) has issued stark warnings of increasingly extreme weather conditions (heatwaves, droughts and flooding) if urgent action on greenhouse gas reductions isn't taken. Carbon emissions must be reduced by 50% by 2030, and net-zero emissions reached by 2050, to avoid catastrophic irreversible consequences.

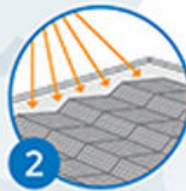
Solar is the cheapest form of renewable energy generation, and solar projects can be built far more quickly than other technologies, meaning they can have a far more immediate positive impact upon the environment and security of energy supply.

As the availability of solar power plants and other forms of renewable energy such as wind becomes more widespread across the province, we can expect utility prices to become more affordable.

## How Solar Works



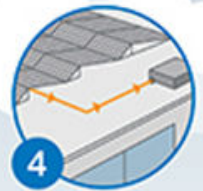
1 Light from the sun contains many tiny bits of energy called photons.



2 Some of these photons hit solar modules, which consist of many connected solar cells.



3 Photons hitting the top layer of a solar cell cause electrons to flow through the bottom layer.



4 This movement of electrons generates direct current (DC) electricity that flows to an inverter.




5 Inverters convert DC electricity into alternating current (AC) electricity.



6 AC electricity is used to power the building, reducing its electricity bills and carbon emissions.



7 This solar electricity can also charge an energy storage system or flow back into the grid to other buildings.



All Solar Power Plant Developments must adhere to regulatory guidelines set out in the Alberta Utilities Commission's Rule 007 and Rule 012, including Noise Impact Assessments, Glint and Glare Assessments, Environmental Assessments, and a Public Involvement Process.

### **GLINT AND GLARE ASSESSMENT**

Solar Panels are designed to absorb as much sunlight as possible, not reflect it. The solar modules will be orientated to face south to maximise available light. Most of the reflected light travels in directions that will not affect people and dwellings at ground level. Assessments will be conducted to ensure the community and

surrounding facilities are not negatively impacted. Assessment results will be posted on the Project website once available.

### **NOISE IMPACT ASSESSMENT**

While solar panels are completely silent during operation, the transformer stations generate some noise. Temporary noise can also be expected during the construction phase, but this will be temporary and only occur within business hours.

Noise assessments will be conducted according to the AUC Rule 012 to ensure there are no significant noise impacts to people or dwellings. Results will be posted on the Project website once available.



### **ENVIRONMENTAL ASSESSMENT**

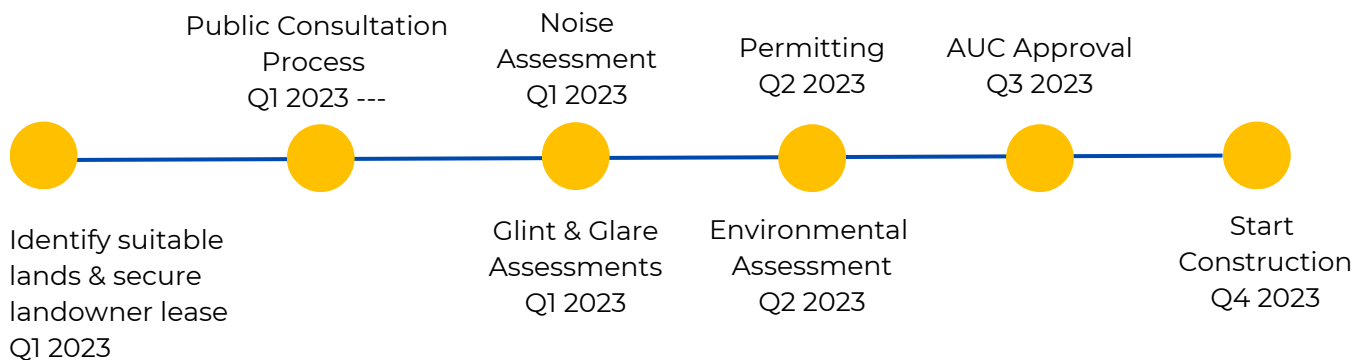
Solar power plant developments must undergo environmental assessments in line with Alberta Environment and Parks (AEP) and Wildlife Directives for Alberta Solar Energy Projects. In cases where the proposed development is located within an urban boundary, the Project is exempt from AEP Wildlife Directives, but still subject to an Environmental Summary which must be reviewed and approved by AEP. Results will be posted on the Project website once available.

## COMMUNITY, ECONOMIC AND ENVIRONMENTAL BENEFITS:

- Generates clean, affordable and efficient renewable energy
- Reduces greenhouse gas emissions by 12,830 tonnes a year and 333,966 tonnes over the life of the Project
- Allows for continued and diverse agricultural use
- Protects and supports biological diversity
- Creates approx. 60-100 temporary construction jobs for locals and 2 full-time operation and maintenance positions over the life of the project
- Results in significant contributions to the Municipal tax base which can grow Alberta's rural economies



## ESTIMATED PROJECT TIMELINES



PACE Canada is committed to keeping the public informed of our activities while working to foster positive and collaborative relations with all stakeholders who have an interest in our development plans.



## We want to hear from you!



Call us at 587.869.0772



Email us at [rhonda.barron@pathfinderce.com](mailto:rhonda.barron@pathfinderce.com)



Register for one or both of our upcoming information and consultation sessions (see page 1 for registration details).



[www.harvestskysolar.ca](http://www.harvestskysolar.ca)