



saturnpower

About Us

Our Vision

To create a sustainable environment for future generations, by advancing the use of clean energy.



Who We Are

Saturn Power is an independent power producer based in Baden, Ontario, with staff in Alberta, Turkey and the United States. We engineer, own and operate solar, wind and energy storage projects throughout the world.

Saturn Power was born from the vision of two farmers in 2007. Their cumulative experience and history have provided the company with a unique understanding of the needs of farming communities, while engraining the value of hard work into our corporate culture.

Our determination, knowledge and agility enable us to customize every project to suit the specific needs of each stakeholder.

What We Do

Saturn Power is striving to support a sustainable world through our dedicated work developing sources of clean, renewable energy and energy storage for future generations.

We support the development of this infrastructure by collaborating with communities, governments and businesses to ensure that each project is both financially viable and environmentally sustainable over long-term periods.

We also foster a sustainable corporate culture in our offices, which builds upon our competitive edge in the renewable energy industry.

In providing turnkey solutions, we manage:

- Ownership, operation and maintenance of facilities
- Financial structuring and strategic capital
- Negotiation of power purchase agreements
- Arranging utility connection agreements
- Maintaining municipal requirements
- Project commissioning
- Engineering, procurement and construction
- Site identification and negotiation of land agreements
- Regulatory permitting
- Developing and maintaining supplier and sub-contractor relations
- Facilitating First Nations and Indigenous consultation and partnerships
- Fostering responsible community relations through engagement
- Implementation of strategic energy storage



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Corporate Practices

Community Engagement Strategy

Stakeholder and community engagement are key to each project's success. Saturn Power approaches engagement using four pillars of values:

(1) Transparency and trust are maintained through consistent, clear, and inclusive communication strategies.

(2) Meaningful engagement and collaboration strategies are implemented through careful analysis of various stakeholders and how they can be considered in the decision-making process.

(3) Social and ecological responsibilities are managed through both social and ecological studies of each project's impact on the communities in which we develop and operate.

(4) Community benefit is offered in a variety of ways, including our provision of local employment and educational tours.

Indigenous Relations Strategy

Saturn Power acknowledges that we are on Treaty 4 Territory and the Homeland of the Métis.

Saturn is committing to hire at least 5% Indigenous labour for the construction of this project.

Once we get closer to project construction, we will keep our commitment to hiring Indigenous labour while we seek out contractors.

As Saturn continues to grow as a company we are working to build our relationships over time with First Nations and Métis people.

Our experience of doing business in Saskatchewan is just beginning and we strive to learn from Indigenous groups to build better projects for the communities we work in.

Sustainability Strategy

Saturn Power is striving to support a sustainable world through our dedicated work in providing clean, renewable energy for future generations.

We view sustainability through a holistic lens, using it to guide our social, financial, and ecological decision making process.

(1) Sourcing: The process of seeking information on labour standards, material sourcing, and recycling practices allows us to select manufacturers and distributors with shared values.

(2) Recycling: After a project reaches its end of life, our company strives to recycle and reuse materials with the manufacturer or recycling programs.

(3) Culture: In order to foster an internal culture of sustainability, we have established the Saturn Sustainability Committee, to introduce various programs and initiatives that support our efforts to meet waste diversion targets.



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FAQ



What size is the project?

This project will be a 10 MW facility, utilizing between 65 and 85 acres in the Rural Municipality of Coulee.

How does solar power work?

Each cell on a solar panel converts the sunlight's energy to direct current electricity. Our inverters convert the direct current electricity to alternating current electricity, which is delivered to your home through the local power grid. It's that simple!

How will it impact surrounding landowners?

There will be very little impact on surrounding landowners. The project's visibility from the road will be limited, which will mitigate the visual impact to surrounding landowners.

Will there be additional buildings at the facility?

There will not be any buildings constructed, as we aim at maintaining the appearance of this community as much as possible.

How will it impact wildlife?

We are working with the Ministry of Environment to assess our impact on wildlife. Our team conducts rigorous environmental studies to ensure that we mitigate environmental risks and gain environmental approvals. We also return land to its previous state after decommissioning the project.

How will construction impact traffic?

During construction, there will be a temporary increase in traffic. We will review traffic laws, permits and customs with the Rural Municipality of Coulee, in order to develop a schedule which mitigates the impact that this traffic will have on the community.

What are the community benefits?

This project will offer short and long-term opportunities for employment. The project will generate property tax revenue for the Rural Municipality of Coulee. We will provide reliable and renewable energy to residents.

Who will you be hiring?

We will hire civil, electrical and mechanical engineers, as well as construction and general labor during the construction phase. When the site is operational, we will continue working with electrical and mechanical engineers, as well as general laborers to maintain the site as required.

Will the project make noise?

There will be an inherent increase in noise in the direct vicinity of the project throughout the construction phase. However, this will only occur during business hours on weekdays. We will also conduct a noise study, as recommended by the Ministry of Environment.

How can I learn more?

Email us at highfield.solarproject@saturnpower.com or calling our toll-free number at 1 (866) 961-8654 ext. 131. Let us know if you are interested in receiving our Highfield Solar Project newsletter.

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David Brown Solar Farm

Project Information

Off-taker: Hydro One

Location: Ingleside, Ontario

Name Plate Capacity: 10 MW AC

Annual Energy Production: ~16,000 MWh

Commercial Operation: March 2015

Community Benefits

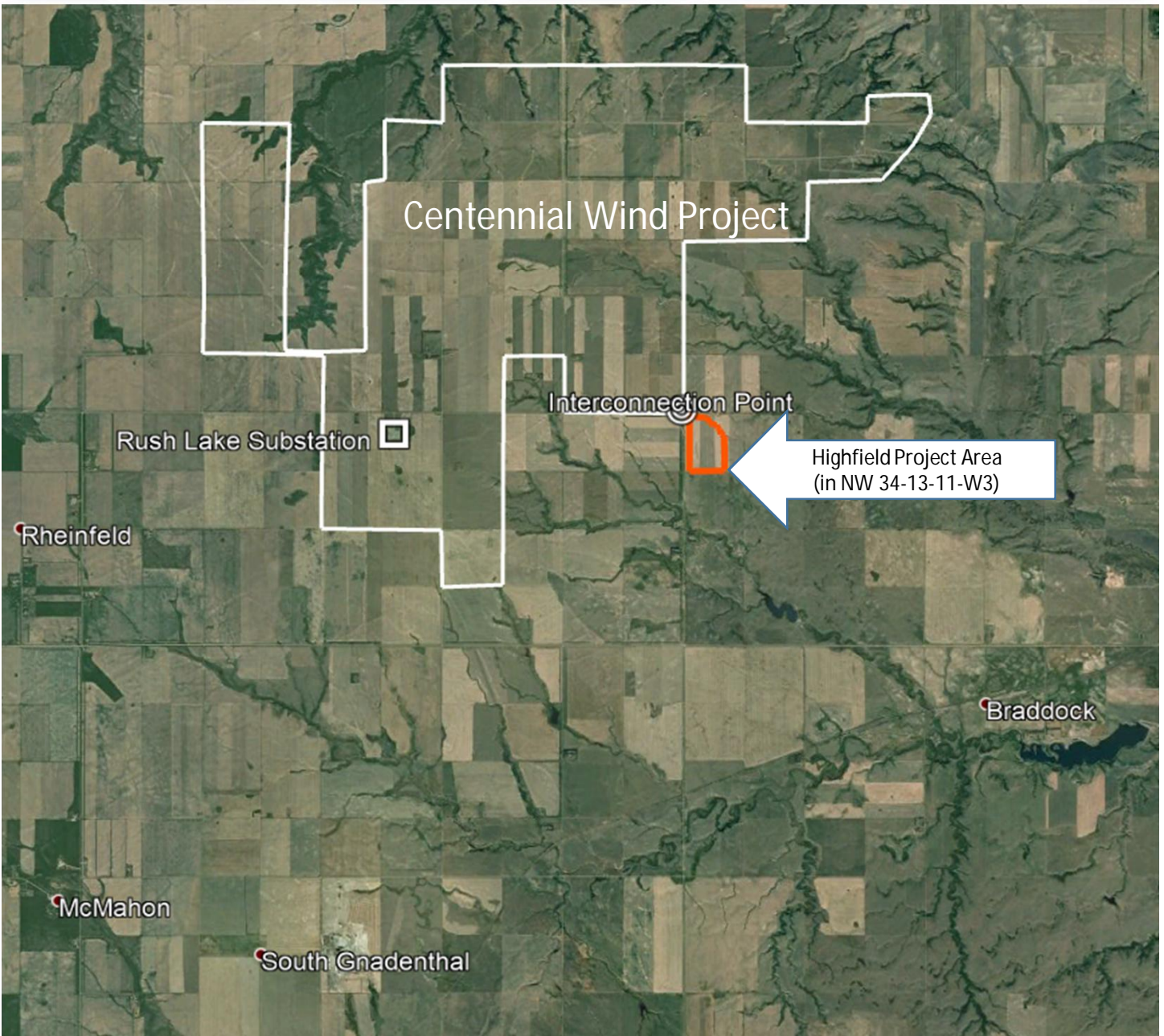
- We hired civil, electrical, mechanical, construction and general personnel during this project's construction period.
- When the site became operational, we continued working with electrical and general laborers to maintain the site as required.
- Our team has upheld friendly relationships with small local businesses in the food service and hospitality industries in addition to maintenance related personnel.
- We named the project in honour of David Brown, the landowner and owner of a local construction company, as he is highly regarded and deeply involved in the community.
- Our team sponsored the community's Lost Village 8th Annual Ice Fishing "Fun" Tournament in 2015.
- This project continued to provide reliable and renewable energy to the Province of Ontario for over four years.

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Highfield Solar Project Where Will it Be Located?





Highfield Solar Project



Project Details

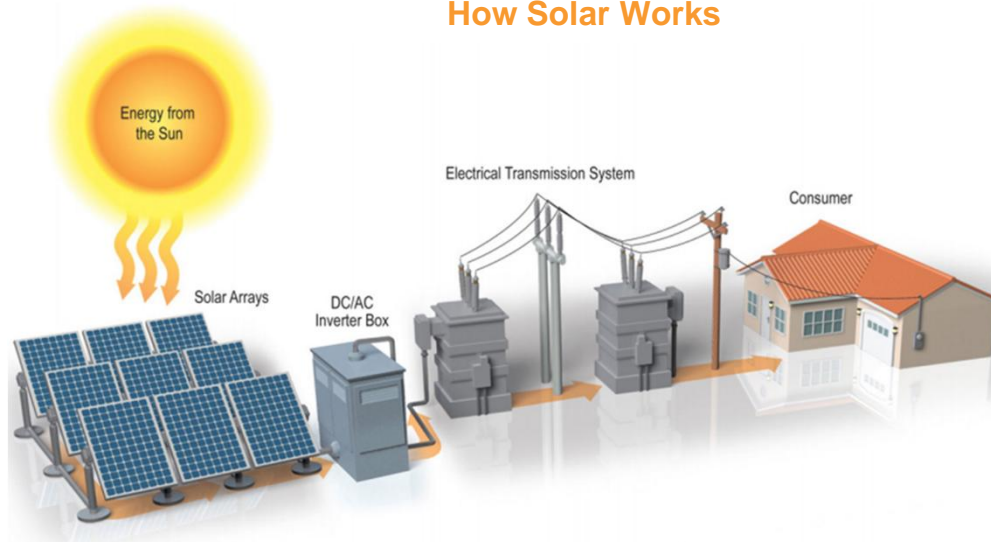
- **Location:** RM of Coulee
- **Land Location:** NW 34-13-11 W3
- **Capacity:** 10 MWac/13.01MWdc
- **Technology:** Solar PV – Fixed Tilt
- **Number of Panels:** ~ 40,040
- **Expected Commercial Operation:** Oct/Nov 2020
- **Construction:** ~ 7 months
- **Expected Yearly Output:** ~19,088 MWh
- **Site Characteristics:** Flat land with southern slope, good solar resource, close to existing electrical infrastructure

Project Schedule

Highfield Solar Development Schedule	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20				
Environmental Studies and MoE Approval *	█																								
Permitting Process	█																								
Community and Municipal Engagement	█																								
Interconnection Process with SaskPower		█																							
Design and Engineering			█																						
Procurement of Major Equipment										█															
Selection of Contractors										█															
Construction														█											
Testing and Commissioning																						█			
Commercial Operation Date (estimated)																						█			

*MoE - Ministry of Environment

How Solar Works



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Highfield Solar Project Environmental Studies

What will be Studied?

Plants



Soils



Wildlife



Birds

Species at Risk

Other Wildlife

Land Cover



Wetlands

Native Prairie

Cropland



Highfield Solar Project Environmental Approval

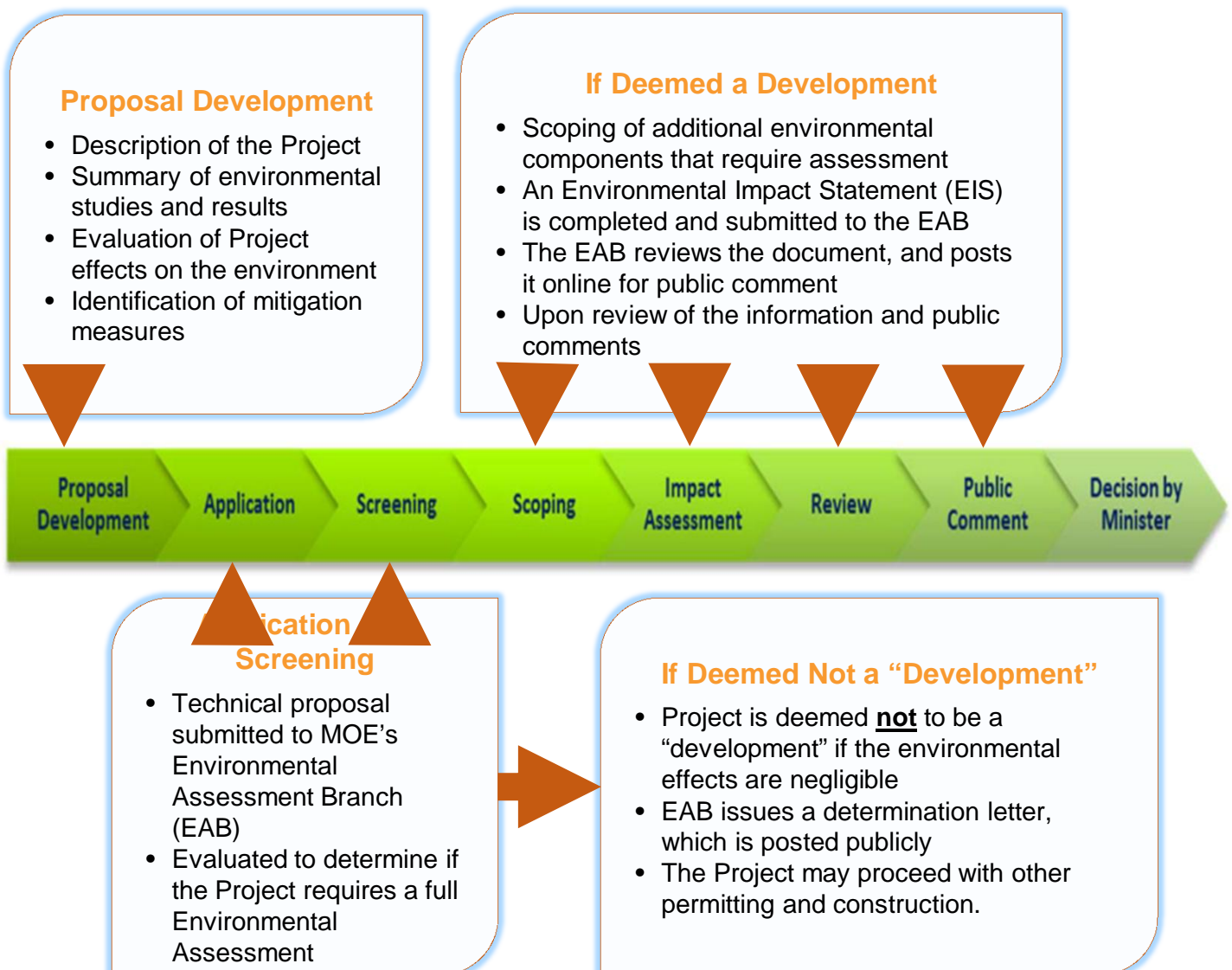
What is the MOE Approval Process?

Technical Proposal
Guidelines



A Guide to Assessing Projects and Preparing Proposals under
The Environmental Assessment Act

June 2014





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Thank you for Attending!

Please Sign the Sign-in Sheet

Let us Know What you Think of the Project

Feel Free to Ask Questions Today or Contact us At:

Email us at highfield.solarproject@saturnpower.com
or calling our toll-free number at 1 (866) 961-8654 ext. 131.

**Let Us Know if You are Interested in Receiving our Highfield Solar Project
Newsletter.**