TURNING SUN SOLAR PROJECT NEWSLETTER

You are receiving this package as a valued community member. This Turning Sun Solar Project (the Project) newsletter is the seventh installment of Project information for public distribution. As progress continues, we look forward to continuing to build strong and lasting relationships with the community and we welcome your conversations, comments, and questions at any time.

For more information on this groundbreaking Project, visit www.turningsunsolar.com

KEY PROJECT MILESTONES

- Open House 1 and Open House 2, Open for Stakeholder Engagement (Complete)
- Job Fair 1 & Job Fair 2, Hosted in the RM of Estevan (Complete)
- Environmental Field Studies (Complete)
- The Heritage Property Act - Heritage Sensitivity Screening (Complete)
- Ministry Of Environment Environmental Impact Statement Approval (Complete)
- RM of Estevan Development Permit Approval (Complete)
- Project Quarterly Newsletter #1-6 Distributed – (Complete)
- RM of Estevan Building Permit Review & Expected Decision - Q4 2026 (WE ARE HERE)

Turning Sun Solar Key Construction Phases & Associated Equipment

Turning Sun Solar, a partnership between GSI Management Inc. (GSI) and Ocean Man Nakoda Nation (OMNN), commenced early construction activities in March 2026 on the 100 MW utility-scale solar facility.

Site Grading

The Project Area is generally flat and requires minimal grading. Grading for the site is limited to areas including the high voltage substation, access roads, and few areas where localized grade changes do not allow suitable installation of the rows of solar modules. Topsoil and subsoil from grading activities will be separated and stockpiled on site as needed.

Representative Access Roads

Access Roads

Gravel roads, approximately 6 m wide, will be constructed within the Project Area to provide access within the site during construction and maintenance of the facility. The Project site will be accessed via Range Road 2091 and Township Road 14.

Facility Equipment Installation

Piling Installation

Steel piles are screwed to a depth of 2.5 meters to 4.8 meters. Piling installation is utilized to create a strong and stable foundation for required racking and solar PV modules. Installation has reached 67% completion, with primary focus on areas where ground conditions are sufficiently dry to allow excavator access.

Representative Piling

Racking Installation

Steel racking is installed onto the piles and used to safely support the solar PV panels. The Project utilizes Single Axis Tracker racking which aligns the panels with the sun and uses a mechanical motor to slowly rotate the solar modules to follow the sun from east to west as the day progresses.

Racking activities have commenced on site, beginning with pile cap installation, followed by torque tubes and other tracker hardware.

Solar PV Module (Panel) Installation

The solar modules will be mounted onto the racking system to transform absorbed sunlight into generated electricity when exposed to sunlight.

During the summer months, solar modules were installed on the two Golden Rows, which are reference rows designed to demonstrate the exact build standard for the rest of the facility. Serving as a demonstration area where the installation process for the racking and modules can be reviewed, the Golden Rows allowed the various teams to confirm procedures and quality standards before moving into further construction. Installation activities have now advanced beyond the Golden Rows as the racking team has progressed across the site.

Golden Rows

Representative Trenching

Medium Voltage (MV) Trenching

All major cables will be placed in underground trenches along the rows of the solar panels. MV cable trenches provide a protected pathway for cables that carry electricity from the inverters to the substation. Proper trenching helps ensure the safe, reliable, and efficient delivery of solar energy to the grid.

Inverter Installation

Inverters convert the electricity generated by the solar panels from direct current (DC) into usable alternating current (AC). Additionally, inverters support monitoring and management of the flow of electricity, ensuring solar energy is safely and efficiently delivered to the substation.

A total of 27 inverters will be utilized across the Project site, of which 17 have been successfully placed and welded.

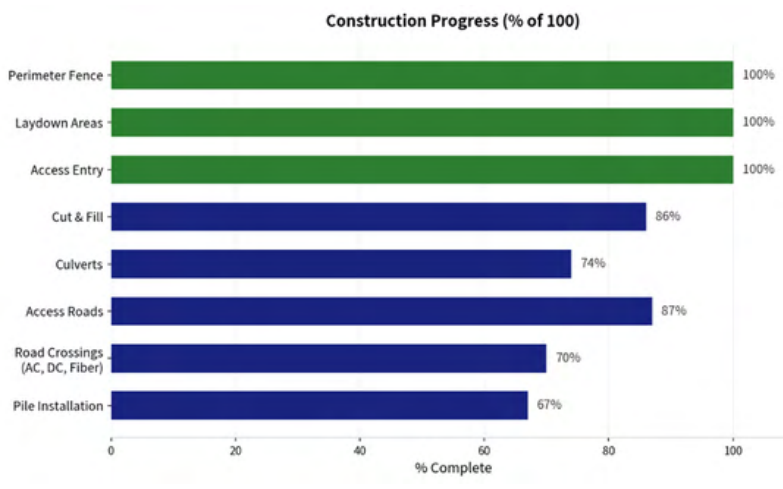
Representative Inverter Foundation

Medium Voltage (MV) Transformers

MV Transformers will be installed adjacent to the inverters to step-up the voltage (electricity) to 34.5kV to deliver the renewable energy to the Project substation.

Project Construction Milestones

Construction efforts advance steadily, with key milestones represented in the graph below, demonstrating successful progression to date.



Anticipated Construction Timeline

- Engineering & Equipment Procurement – (Complete)
- Construction Start – March 2026 (Achieved)
- Pile Installation Completion- March 2027
- Trenching and Backfilling for DC Cables Completion- March 2027
- Above Grade Wire Management (AGWM) DC Cables Completion - March 2027
- Installation of the DC Cable Completion - March 2027
- Racking Installation Completion - March 2027
- Module Installation Completion - April 2027
- PV Wiring Harness, Mod to Mod, GND Jumpers Completion - April 2027
- Combiner Installation Completion - January 2027
- Trenching for AC Cables Completion - February 2027
- Inverter Installation - October 2026
- Mechanical/Electrical QA/QC, Testing, Commissioning - August 2027
- Target Commercial Operation Date – December 2027
- Expected Decommissioning Start – December 2052

ENVIRONMENTAL MONITORING DURING CONSTRUCTION

Environmental protection continues to be an important part of Turning Sun Solar's values throughout all phases of the Project, including construction activities.

The Project dedicated Environmental Monitor remains actively involved, alongside the Project construction workforce, to ensure continued avoidance of impacts to wildlife and environmentally sensitive areas, as construction activities progress.

What's Next?

Planned activities in Q4 2026 include installation of essential pile, racking, module, and cabling components.

Turning Sun Solar and the Project's Construction Contractor, Barton Malow Canada, appreciate the continued cooperation of nearby residents, landowners and the broader Estevan community as construction progresses.

CONTACT US

Turning Sun Solar is committed to providing quarterly newsletter updates during construction. The newsletter will cover Project progress, key milestones, employment opportunities, opportunities for sharing concerns, and information regarding upcoming community sessions and workshops. These newsletters will be posted on the Turning Sun Solar Project website (turningsunsolar.com) and can be mailed out to stakeholders upon request.

Additionally, a Frequently Asked Questions (FAQ) document has been prepared and can be found on the Project website here. The FAQ will continue to be updated as we progress through Project construction, and operations. The FAQ document can be mailed out to stakeholders upon request.

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Privacy Commitment: Turning Sun Solar is committed to protecting your privacy. All collected personal information will not be shared publicly. As part of the construction process, shared personal information will be provided to the selected Project EPC.

Next Steps – Community Engagement and Consultation

Turning Sun Solar will continue striving to provide access to Project-related information, a chance to speak with the Project Team in-person and provide valued stakeholders the opportunity to influence the Project by providing input and feedback.

Continued engagement is important to the Turning Sun Project Team. If you would like to receive Project updates via email, please submit your contact information via this form (https://forms.office.com/r/2PCkz3fwqN). If you prefer paper mail, please fill out this form and mail it to:

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Suite 2200, 350 7th Avenue SW,
Calgary, AB, T2P 3N9

Name _____

Phone _____

Email _____

Mailing Address _____

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Brief description of any experience in the industry _____

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