



NEWS RELEASE

*For immediate release
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Proposed solar farm project in Sturgeon County brings potential to power hydrogen and homes in the region

(Edmonton, AB) – [Alpin Sun](#), developer of the 120 MW AC Airport City Solar project at the Edmonton International Airport, is pleased to announce its latest proposed Canadian renewable energy project, Sol Aurora, to be in Sturgeon County’s portion of the Alberta Industrial Heartland. Sol Aurora will be the largest renewable energy development to date in central Alberta.

Sol Aurora, a 1,200-acre, 200 megawatt AC solar farm, is slated to be located within Canada’s largest hydrocarbon industrial park, the Alberta Industrial Heartland (AIH), making renewable energy directly available to the nation’s major carbon emitting industrials.

Co-locating the solar farm in Alberta’s Industrial Heartland promotes local renewable energy production, diversifies energy use, and avoids costly transmission from remote areas. The proposed new solar farm supports Sturgeon County’s on-going commitment to sustainable, cutting-edge, job-creating industrial development.

Alpin Sun has submitted its application to regulators for its proposed **Sol Aurora** north of Fort Saskatchewan on land zoned for heavy industrial use. **Sol Aurora** anticipates to begin construction in early 2023 and be operational by mid-2024. The project will bring in an estimated \$340 million in capital expenditures. Power generated by **Sol Aurora** will feed directly into AltaLink’s Heartland Substation which is adjacent to the proposed solar farm.

“Alpin Sun’s proposed Sol Aurora solar farm will help to further position Sturgeon County and Alberta’s Industrial Heartland as leaders in building Canada’s net zero economy. We are proud of our ability to continue attracting investments in clean energy that showcase our commitment to sustainability, benefit residents and aid the decarbonization efforts of industry.”

~ Alanna Hnatiw, Sturgeon County Mayor

“The Sol Aurora solar farm project builds on the value proposition offered in Alberta’s Industrial Heartland (AIH) by enhancing energy diversification and providing decarbonization pathways. Projects like this will continue to strengthen AIH’s competitive advantages and further attract investments in value-add manufacturing and energy processing”

~ Mark Plamondon, Executive Director of the Alberta’s Industrial Heartland Association



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“It has been a pleasure working with Sturgeon County, Alberta Industrial Heartland Association and AltaLink to bring this opportunity to the AIH, and their cooperation was key to our location decision.”

~Adrian Ioance, Vice President, Alpin Sun

“**Sol Aurora** helps position Sturgeon County and the AIH in general to not only directly contribute to decarbonization strategies of Alberta’s major industrials but also potentially contribute to the region’s emerging Hydrogen play by mixing blue and green energy.”

~ Fred Null, Director of Project Development, Alpin Sun

Quick Facts about **Sol Aurora**

- In addition to 200 megawatts of power generation, the facility is approved for a 100-megawatt battery energy storage system.
- Construction will employ 275 workers at its peak.
- The facility will generate approximately 386,000 megawatt hours annually.
- Annual generation will result in 205,000 tonnes of annual carbon offsets.
- Consists of approximately 480,000 bi-facial solar panels.
- Produces enough electricity to power approximately 54,000 homes.
- Promotes dual farming such as sheep grazing beneath the solar panels

About Sturgeon County

Sturgeon County serves more than 20,000 residents and is comprised of 2,100 square kilometers which include 35 townships, 185 kilometres of secondary roads and 1,776 kilometres of local roads. Located north of the City of St. Albert, Sturgeon County is a vibrant municipality made up of farmland, world-class industrial development, and residential acreage developments.

About Alberta’s Industrial Heartland

Alberta’s Industrial Heartland is a 582-square kilometre value-add, globally-recognized, diversified energy cluster. Home to two refinery complexes with carbon capture technology and the World’s largest CO2 pipeline, the more than 40 companies in this region are among the world’s lowest cost producers of low carbon hydrogen. Investment attraction to the region is guided by the Alberta’s Industrial Heartland Association (AIHA), a non-profit municipal collaboration promoting responsible development.

About Alpin Sun

Alpin Sun is a European renewable energy company active in the development, construction, operation, and ownership of solar projects across the globe. During its 12-year history, the company has been involved in five gigawatts of solar projects in Europe, Chile, Canada, and the USA.



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Alpin Sun performs engineering-procurement-construction (EPC) work in Europe and focuses on project development in the USA and Canada. The North American portfolio, to date, comprises four gigawatts of solar sites spread among the electric service territories of ERCOT (Texas), PJM (mid-Atlantic USA), Nova Scotia, and AESO (Alberta) including the 120 megawatt AC solar farm, Airport City Solar, located on the premises of the Edmonton International Airport.

Alpin Sun's development pipeline serves as an investment platform for institutional investors, independent power producers (non-utility generators) and utilities by providing high-quality projects designed with state-of-the-art technology for top economic performance.

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