



Alberta Solar One (ABS1) Project

Construction of the 10.5 megawatt (MW) ABS1 has started on Enbridge's first solar generation facility in southern Alberta.

The project is located in Southern Alberta, half-way between Lethbridge and Medicine Hat.

Facilities are expected to be in operation by April 2021.

- Total project cost: approximately \$20 million.
- The project will supply a portion of our Canadian Mainline pipeline operations' power requirements with renewable power.
- Once in operation, the facility will supply the equivalent to the energy needs of about 3,000 homes, offsetting about 12,000 tonnes of carbon annually.
- ABS1 was co-developed by Enbridge and Morgan Solar, a solar technology company based in Toronto. In addition to advancing Enbridge's pipeline greening initiative, the project will also help to commercialize Morgan Solar's SimbaX technology.
- The Enbridge facility will be the first utility scale application of SimbaX. SimbaX is an optical film that when applied to a standard PV solar panel concentrates light in order to boost the panel's energy production.
- Number of jobs supported by the project: approximately 80, with 30 coming from local communities like Medicine Hat and Lethbridge.

- Electricity generation from renewable assets helps to displace generation from assets that emit carbon, such as coal fired power plants.
- ABS1 is part of a broad solar-self power initiative being undertaken by Enbridge. We are currently pursuing opportunities to co-locate solar facilities adjacent to our pipeline operations across the U.S. Midwest and Canada.
- Enbridge has completed construction on a 2.4 MW solar self-power facility adjacent to the Lambertville natural gas compressor station in New Jersey, U.S. We're in the process of finalizing plans for a second solar self-power project in the U.S. and three other sites are currently undergoing a feasibility study.



Enbridge's Power team joins Alberta's Associate Minister of Red Tape Reduction, Grant Hunter, on a tour of the Alberta Solar One construction site.