

Solar project at Cape Breton University



Cape Breton University (CBU), with a population of 3,500 students, is not only a point of reference for the arts, sciences and professional programs but also for its pioneering engagement in sustainable development. CBU is the first North American campus to be energy self-sufficient thanks to its ability to generate solar power up to 5.4 MW. The university also applied efficiency measures that reduced its carbon footprint and now intends to include solar power in their energy mix.

Project

TUGLIQ Energy has designed a photovoltaic solar farm to be installed on the rooftops of the University buildings. It will be comprised of 450 panels of 340 W for a total footage of 900 m².

Notable Facts

- 65 MWh of annual solar energy generation
- 117 TCO_{2eq} of green house gas emissions reduction
- Each kWh produced by the project will mean 1 kWh less coming from the coal powered Langan Generation Station
- The installation of this project will enable students and the Cape Breton community to widen their knowledge of energy and be a part of renewable energy growth. This will also motivate additional solar projects throughout Nova Scotia
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Project Status

Anticipated installation is Septembre 2019.

Client – Cape Breton University

Study Date – 2017

Installation – 2019

Solar Power – 150 kW

Location – Nova Scotia, Canada

