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Press Release: largest solar installation in NWT in 2015 completed in record time

Green Sun Rising, Essex County's longest operating solar company, is proud to announce that it has completed the largest solar project in the Northwest Territories in 2015, a 82.5 kW AC solar PV system in Colville Lake, NWT. We completed the installation and commissioned the system within less than 10 working days on site, a new record for such a remote location with challenging conditions. This solar system is ground-mounted with ballast trays on top of the permafrost, for the utility company Northwest Territory Power Corp (NTPC). It will replace Diesel generation with clean solar energy for the remote community.

The solar system was designed by Green Sun Rising and its Windsor team, including the special ground mount system which is "floating" on the permafrost. The solar mounting system was built here in Windsor by us. All solar materials had been crated up and were shipped via the winter ice road. Colville Lake is North of the Arctic Circle, and road accessible only in winter via the seasonal ice road. The ice road was very rough, but our materials arrived in good condition, in specially built crates. We shipped over 15 tons of solar materials for this project.

The utility NTPC will tie the solar system into a new power plant with a large scale battery system for energy storage, to be implemented this summer by NTPC. This will be the most advanced power plant for a Northern remote community, replacing Diesel generation during the favourable parts of the year. This project builds on the success of Green Sun Rising already having delivered the largest solar project in NWT in 2014, a 60 kW roof-top system into Hay River.

Green Sun Rising is inviting the public to visit the RET-Center at 1680 Kildare Road in Windsor on Saturday 20<sup>th</sup> June 2015 starting at 1:30 pm, when we will share photos and stories of this solar project and the installation.

Klaus Dohring  
President  
Green Sun Rising Inc