



## **Largest Solar PV System Installation in NWT in 2015**

**Green Sun Rising**, Essex County's longest operating solar company, is proud to announce that it has been awarded the largest solar project in the Northwest Territories in 2015, a 81 kW solar PV system in Colville Lake, NWT. This solar system installation will be a ground-mounted system, 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 locally designed by Green Sun Rising and its Windsor team, including the special ground mount system which will be "floating" on the permafrost. The solar mounting system was built here in Windsor by us. All solar materials have been crated up and are being shipped via winter ice road. Colville Lake is North of the Arctic Circle, and road accessible only in winter via the seasonal ice road.

**The utility NTPC** will tie the solar system into a new power plant with a large scale battery system for energy storage. 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  
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