

Matrix Energy supplies PV equipment to most northern site in Canada

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A leading Canadian full service distributor of renewable power equipment, Matrix Energy announces it has supplied solar photovoltaic (PV) equipment for three off grid systems to Sifec North for Parks Canada in Nunavut.

Sifec North, based in Mirabel QC, is a general contractor experienced in northern Canada that provided system design, installation, logistics services and training materials for the three off grid PV systems. The systems were installed in 2010.

Matrix supplied SolarWorld solar modules, Xantrex charge controllers and inverters, DEKA Solar AGM batteries and a Whisper 100 wind turbine to the sites at Tanquary fjord, Lake Hazen and Ward Hunt island. All three sites are maintained by Parks Canada and the first two are located in Quttinirpaaq National Park on Ellesmere Island. Ward Hunt island is among the most northerly pieces of land in Canada, situated at above 83 degrees North latitude. As such, the 1.4 kW off grid PV system installed there is assumed to be the northernmost solar system in the country.

Each system is coupled to a genset which provides stand alone power to hikers, government employees and others who brave the extreme, harsh environment. The decision by Parks Canada to install PV in northern Nunavut is a testament to the reliability of this technology in harsh, northern climates.



About Matrix Energy Inc:

Matrix Energy (www.matrixenergy.ca) works with building professionals, designers, architects and engineers in designing, specifying, and supplying different products for the sustainable use of energy. Matrix provides solar integrated electric systems for new and existing buildings to help reduce total dependency on conventional energy sources.

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