



Client Objectives:

The State of Vermont is committed to “Keeping the Earth Green.” St. Johnsbury Correctional facility is one of the largest users of electricity in Vermont. The State has a mission to reduce energy costs, decrease reliability on fossil fuels and achieve sustainability goals.

- Clean, Renewable and affordable Solar Electricity Generation is a critical part of their sustainability initiatives
- Lower carbon footprint and reduce greenhouse gas emissions
- Cost savings and predictability vs. grid-supplied electricity



Our Solution:

SolarSense, with partner AllEarth Renewables, developed a 500 kW AllSun Dual Axis tracker group net-metered solar PV electric generation facility located at the Northeast Regional Correctional Facility in St Johnsbury, Vermont.

- Solar System Description: 538.20 kW DC Solar PV System comprised of: 1,560 SunPower 345 Watt modules, 65 ABB Inverters & 65 AllSun Dual Axis Trackers model number Series 24.

Benefits:

- \$0 out of pocket capital for St. Johnsbury Correctional Facility
- Predictability in electricity costs for 20 years
- Environmental benefit of using 17,000,450 kWh's created from clean renewable energy over 20 year term