



Client Objectives:

The State of Vermont is committed to “Keeping the Earth Green.” The Department of Buildings and General Services is one of the largest users of electricity in Vermont. The State has a mission to reduce energy costs, reduce 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 514.60 kW AllSun Dual Axis tracker group net-metered solar PV electric generation facility located at the Southern State Correctional Facility in Springfield, Vermont.

- Solar System Description: 494.16 kW DC Solar PV System comprised of: 1,660 High Performance JA solar modules, 83 ABB Inverters & 83 AllSun Dual Axis Trackers model number Series 20L.

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