



*"We've innovated and refined our AllEarth Solar Tracker so it can be affordably used in any setting, from a home or business to a utility-sized farm like this project in South Burlington."*

DAVID BLITTERSDORF,  
ALLEARTH RENEWABLES

# Follow the Sun into the Future

## Their Need

The 2.2 megawatt South Burlington Solar Farm is one of the largest solar installations to date in Vermont. Spread over 25 acres, it is also the largest distributed solar tracker farm in North America, with 382 AllEarth Solar Trackers. The project was created as part of Vermont's feed-in tariff program and was completed in less than a year, from the start of permitting to final commissioning.

## Our Solution

Instead of using one centralized inverter for the entire project, each tracker has its own inverter. Utilizing distributed inverters helps prevent project downtime, which can arise when using a single centralized inverter, and also saves labor and DC wiring costs. Through this innovative application, each inverter adjusts to the highest possible power output and efficiency of each tracker across the system. The tracker's simple, durable hydraulic design also allowed for faster permitting time.

## kWh Production

The farm sells over 3 million annual kilowatt hours to Vermont's Sustainably Priced Energy Development (SPEED) program, which encourages renewable energy development and the purchase of renewable power by utilities in the state.

## Project Specs

### Installation Location

South Burlington, VT

### Date Completed

June 2011

### System Installer

AllEarth Renewables

### System Size

2.2 MW, 382 Series-24 AllEarth Solar Trackers

### Electricity Generated

3.4 MWh / Year



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