



"In addition to producing more energy to meet the brewery's electric demand, the solar trackers are a visible statement of Maine Beer Company's renewable energy commitment."

BOB TAISEY, ASSURED SOLAR ENERGY

A Brewery Doing What's Right

Their Need

Maine Beer Company brews 13 different types of beer from their headquarters in Freeport, Maine, and ships to distributors in 10 different states. Brewing beer creates a high electric demand, so the company, in spirit of their motto, "Do What's Right," decided to invest in a solar project to help operate the award-winning brewery more sustainably and efficiently, with the goal of producing as much energy on-site as possible.

Our Solution

The brewery turned to Assured Solar Energy, a solar design and installation company located in North Yarmouth, Maine. They designed a system that incorporated both 42.6 kW of rooftop solar and two 6.2 kW AllEarth Solar Trackers to power the business's brewery and tasting room. As an added bonus, the trackers out front serve as a visual reminder of the brewery's commitment to sustainability. Since the system was installed, the tasting room has seen a noticeable increase in traffic, and the system has become a local landmark.

kWh Production

This 55.12 kW project produces 72,260 kWh annually and offsets approximately 50% of Maine Beer Company's energy needs. In a side-by-side comparison of the 42.6 kW rooftop array with the 12.4 kW solar tracker system, the trackers outperformed the rooftop system by 34% in an energy/unit power comparison.

Project Specs

Installation Location

Freeport, Me

Date Completed

June 2015

System Installer

Assured Solar Energy

System Size

55.12 kW, 2 6.2 kW Series-24 AllEarth Solar Trackers and 42.6 kW of rooftop solar

Electricity Generated

72,260 kWh / Year