

# A Brewery Doing What's Right



*"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."*

ROB TAISEY, ASSURED SOLAR ENERGY

## 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 the 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 42.6kW of rooftop solar and two 6.2kW 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 55.12kW project produces 72,260kWh annually, and offsets approximately 50% of Maine Beer Company's energy needs. In a side-by-side comparison of the 42.6kW rooftop array with the 12.4kW 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**  
55.12kW, 2 6.2kW Series-24 AllEarth Solar Trackers and 42.6kW of rooftop solar

 **Electricity Generated**  
72,260 kWh/Year