

Case Study: RJ Rockers Brewery



Located in South Carolina since 1997, RJ Rockers has been known for their hand-crafted high quality brews. Microbreweries operate with a great deal of hot water in the brewing process so it was only natural to look at solar thermal to reduce their cost and carbon footprint.

On an average day the brewery goes through 1,750 gallons of hot water. That's enough hot water to satisfy 25 single family homes. With their new 10 panel system they now operate using the sun's energy for 25% of their makeup hot water use. Throughout the 30 year design life this solar thermal system will save 276.9 tons in Green House Gas Emissions, or the equivalent of taking 185 automobiles off the road.

The panels are manufactured by Alternate Energy Technologies in Jacksonville, FL. AET is the largest manufacturer of solar thermal collectors in the country and takes pride in the one of a kind panels they produce. The Thermafin™ fintubes which heat the water in the collectors are the most efficient product on the market, and are backed with a 30 year guarantee.

MII Energy's Randy Pitts sold the job and contracted AET to design the system and Bresco's Bill Poteat to do the wonderful installation of this system in just a few days.

