Mellow Mushroom

Owners Gerry Mchone and Carl McCloy, co-owners of Mellow Mushroom, decided to install a solar thermal system because it adds sustainability to their operation and at the same time saves money. This system consists of six 4x10 collectors and an 120 gallon storage tank, which produces about 240,000 BTUs per day. The system was sized to produce 20% of their hot water consumption in a day, and can be expanded to provide more in the future. Capturing the savings that North Carolina has to offer and considering the fuel costs, this system has a great payback.

The panels are manufactured by Alternate Energy Technologies in Jacksonville, FL. They are the largest manufacturer of solar thermal collectors in the country and take pride in the one of a kind panels they produce. The Thermafin fin tubes which heat the water in the collectors are the most efficient product on the market, and are backed with a 30 year design life.

Sundance Power Systems completed this installation in July of 2009. Carl McCloy said “Sundance was very easy to work with. All their employees had a great attitude. You got the job done. Thanks.” With all their hard work and dedication Sundance makes a great impact on the solar industry and is an amazing installation company to work with.