

## **Arbor Brewing Co. - Solar Project**

This system consists of 10 photovoltaic panels, each capable of producing 230W of power. They work with a Xantrex Inverter and supply power directly to the Pub. High efficiency lighting has been installed - to maximum use of this 'free' electricity.

The solar hot water system consists of 10 collectors, 300 heat pipes, [Solar Tubes](#). The hot water is stored in a 330 gallon tank from [PowerPanel](#). City water is fed through a heat exchanger, picking up heat from the solar tank, feeding a pair of [Noritz tank-less water heaters](#). One of these heater supplies 140F water to the restaurant and kitchen. The second water heater supplies 180F water to the brewery for brewing beer.

The roof of the Parking garage - across the street from the brewery, offers a nice view of the roof mounted portion of this system.