



2008 South Charlestown Solar Tour Guidebook

Tillman Residence

8 East Columbus Road
South Charleston, Ohio 45368

TOUR HOURS

Saturday, October 4, 2008
9:00 am - 10:00 pm

Site Information: The Tillman Solar House now consists of 12 solar panels and a 400 watt Air X wind turbine that charge 12 deep cycle marine batteries in the basement. These batteries in turn operate a 2000 watt inverter and two smaller 700 watt inverters that provide electrical power for the house. Two commercial solar thermal panels on the south facing porch roof provide hot water for both heating the home through a heat exchanger and domestic hot water for dishes, washing cloths and showers. Back up heat is provided by propane and a wood burning stove. Tillman also harvests rain water from his roof that is stored in two tanks in the basement for watering the greenhouse and flushing the toilet.

Technologies: Solar Electric, Wind Turbine, Solar Thermal, and Energy Efficiency

Directions: From I-70 take OH-41 (Exit 59) southeast to South Charleston. At the first traffic light, turn left onto US 42. The Tillman Residence will be the second house from the corner on the left. If you see the amateur radio antennas, solar panels and an electric car out front, then you found it.