

QUIZ

3-11-09

Solar Electric for Homes by Robb Aldrich.

1. Explain why solar PV systems have an “AC disconnect”.
2. In a grid tied PV system, what does the inverter typically do when there is a brown out or black out?
3. Robb monitored PV arrays over time and found that most arrays produced about ____ than calculated.
 - a) 10 % more
 - b) 10 % less
 - c) 20% more
 - d) 20% less
4. The temperature of PV panels effects their production. About how much efficiency is lost for every degree Centigrade above 25 degrees Celcius?
 - a) 1%
 - b) ½ %
 - c) ¼ %
5. What are some of the keys to reliability and performance of PV systems?