

ENVSCI 15

Activity 5 B Solar Electricity

Name: _____ Date: _____

Form a group of 2-4 and discuss these questions. Write down your own answers after your discussion.

Explain how solar energy is converted to usable electricity.

Does it matter where you put solar panels? What would you do to place them in the best location and with the best orientation?

What do you think are the benefits and drawbacks of using solar panels for electricity in homes?

What is net metering?

How would you design a house to make it energy efficient? What kinds of alternative energy sources can be used to heat and cool a house?