PV Panel Construction Assignments:

First assignment:

Find in the manufacturers data sheet the front and back loading pressures. Look at pressures of the following panels and compare:

1 (36 cell, 60 cell and 72 cell)

2 (5 different manufacturers)

3 (100 Watt, 300 Watt, 400+ Watt panels)

Have students in groups of three, each group can do one of the three groups.

Have each group present their findings and to explain any differences they find.

Second assignment:

In groups of two, have students find frame dimensions of a manufacturer. Each group will have a different manufacturer. Have each group present to the rest of the class their findings.

Have them determine what the average area is / Watt of a PV panel. Also determine if there is a correlation between frame height and panel area.