



Energy Innovation Competition Application

The Florida Solar Energy Center's Energy Innovation competition was created to provide full scale solar-electric (photovoltaic) design experience to middle school and high school students. Participating schools will be provided with a photovoltaic array* to utilize in their classroom activities during the school year, and then use to power the team designs at the Energy Whiz Olympics. The student competition includes designing and building a working model of a real-world solar application, as well as developing the supporting materials of their choice (i.e. marketing brochure, advertisement, technical document, web page, video documentary, etc).

Energy Innovations challenges students to use science knowledge and engineering skills to solve real world problems using solar energy, while preparing them for future career opportunities.

School Name _____ Contact Person _____

School Address _____ City _____ Zip _____

Phone # _____ FAX # _____

E-Mail _____

Additional Teacher Contact _____ Phone # _____

Curriculum Integration

What grades and subjects do you teach?

How many classes will be utilizing the photovoltaic array? _____

Briefly describe your proposed activities with the array during the year. Include both formal classroom activities and outreach activities school-wide and throughout the community.

How many teams (4 - 8 students) do you plan to enter into the competition? _____

List any past renewable energy activities or competitions that you have facilitated _____

* High schools will receive an array of 4-6 panels. Middle schools will use a 85W panel.

For more information contact Penny 321-638-1018 (penny@fsec.ucf.edu), or Susan 321-638-1017 (susan@fsec.ucf.edu).

Return completed application by 5:00 pm **Friday October 30, 2010** to Florida Solar Energy Center, 1679 Clearlake Road, Cocoa, Florida 32922 or fax to 321-638-1010.