Education

Susan Schleith
Who Do We Educate?

- Solar Installers and Contractors
- Building Code Officials
- Emergency Management Personnel
- Energy Raters
- K-12: Students and Teachers
- Consumers
- University Students
PV Installers’ Class

- Provides certification.
- An intensive, weeklong course targeted towards contractors, journeymen, and practitioners who install grid-connected PV systems
- Several hundred individuals have attended this hands-on program since 1999.
Florida Energy Raters

- Energy ratings used to qualify for national Energy Star and Building America programs
- There are 262 certified building energy raters in Florida, including 117 Class 1 raters who are recognized nationally
- FSEC provides training at least four times a year with additional trainings as necessary
- FSEC provides this training through a no cost MOU with the Department of Community Affairs which certifies the raters
Tools for Schools

Utility Report Cards
A Tool to Gauge Energy Use in Schools.

About URC
Why URC
Join URC
URC Live
URC Tutorial
Contact Information
Limited Funding Opportunity

Partners
OCPS
SCPS
BCPS
FSEC
Progress Energy
OUC
FPL
FEO
DOE
Walt Disney World®
SRC
FSEC Research

The Utility Report Card (URC) is a web-based energy information system used to report, evaluate and chart utility consumption in schools.
State of Florida provides subsidies to install solar system on schools to:

- To teach students firsthand about the use of solar energy
- To offset the cost of the utility bill
- To learn more about how PV works in the field
EnergyWhiz Olympics

- Junior Solar Sprint
- High School Hydrogen Sprint
- Middle School Hands-on Hydrogen Competition
- Energy Innovations
- EPEC
EnergyWhiz Events

- Hands-on
- Science, mathematics and engineering
- Team centered
- Critical thinking & problem solving
- Fun!
Alternative Energy Banner Center

Funding Agency: Work Force Florida, Inc.
Concept: Center must be industry driven.
Amount: $500,000
Time Period: One Year
Partners:

Tallahassee Community College
Brevard Community College
Broward Community College
Westside Technical School

Brevard Work Force Development Board
Florida Solar Energy Industries
Training Concepts

1. Curriculum development with industry help.
2. Train-the-trainer.
3. Conduct student training at four partner institutions.
4. Develop program sustainability.
Possible Future Training Efforts

1. Banner Center can be renewed up to 5 years.

2. U. S. Department of Labor – High Technology Regional Training Proposal

   Due: March 25, 2008
   Amount: $500 K to $1 M
   Partners: New York Energy Research Development Authority
            National Electrical Joint Apprentice Training Council