



**FLORIDA SOLAR ENERGY CENTER**

*Creating Energy Independence Since 1975*

## *Alternative Energy Banner Center*

**Jerry Ventre**

**Presented for the Florida Solar Energy Center,  
Workforce, Florida, Inc. and Partner Organizations**

A Research Institute of the University of Central Florida





## *Banner Center Concept*



- Funded by Workforce Florida, Inc.
- Required collaboration between:
  - Recognized experts in the industry
  - Educational providers
  - Industry representatives
  - Workforce board members
- Twelve Banner Centers are funded at \$6.2 million



## *Florida Banner Centers*



1. Alternative Energy (FSEC)
2. Aviation/ Aerospace
3. Biotechnology
4. Career Academies
5. Construction
6. Energy (utility lineman)
7. Financial Services
8. Health Sciences
9. Homeland Security
10. Information Systems
11. Logistics & Distribution
12. Manufacturing



## *Florida Training Needs*



- State of Florida – PV and SHW rebates
- Progress Energy – 4000 SHW rebates at \$450 over 3 years
- Orlando Utilities Commission – SHW rebates
- Gainesville Regional Utilities – SHW rebates at \$500/  
installation
- Jacksonville Electric Authority – SHW rebate at \$400 -- \$800/  
installation
- Tallahassee City Electric – SHW rebate at \$450/installation



## *Alternative Energy Banner Center*



- Funding Agency: Workforce Florida, Inc.
- Concept: Center must be industry driven.
- Amount: \$500,000
- Time Period: One year



## *Alternative Energy Banner Center*

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### Partners:

Tallahassee Community College

Brevard Community College

Broward Community College

Westside Technical School

Brevard Work Force Development Board

Florida Solar Energy Industries Association



## *Training Concepts*



- Curriculum development with industry help.
- Train-the-trainer.
- Conduct student training at four partner institutions.
- Develop program sustainability.



# *Program Description*



## **Key Components**

- Advisory Council – meets 3 times/year
- Focus Group – meets 3 times/year
- Train-the-trainer – curriculum development
- Partner training – curriculum development
- Job placement
- Outreach – website and newsletter
- Sustainability planning



## *Alternative Energy Banner Center*



### **Advisory Council Members**

Education partners	8 individuals
Utility companies	4 individuals
Workforce organizations	6 individuals
Solar industry	7 individuals
Electrical workers	2 individuals
Florida Energy Office	1 individual
Building officials	1 individual
U.S. DOE	1 individual
IREC	<u>1 individual</u>
<b>Total</b>	<b>31 individuals</b>



## *Alternative Energy Banner Center*

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### Future Plans

- One year program – February 2008 to February 2009
- Possible funding for 4 more years
- Expand to more educational providers – community colleges, vocational-technical schools and possibly high schools.



## **Solar Contracting in Florida**

- Solar Contractor (CV): SWH and PV
- Residential Solar Water Heating Contractor (CW): only SWH on residential
- Plumbing Contractor: SWH
- Electrical Contractor: PV
- Certified Swimming Pool Contractor: only solar pool heaters
- Local Licensing: depends upon county



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