



State Energy Workforce Committee

Consortium Name: Florida Energy Workforce Consortium (FEWC)

Committee Name: Career Awareness

Committee Chair: Carol Higley

Email: higlca@jea.com

Phone: 904-665-6045

Please provide brief descriptions and additional contact information for project lead if appropriate.

Top 3 Accomplishments:

1. Logos designed for Florida Energy Workforce Consortium & Get Into Energy Florida
2. Websites established: www.getintoenergyflorida.com and www.fewc.org
3. Community exposure
 - a. Florida SkillsUSA – Get Into Energy Florida presence
 - b. National Career Academy Coalition Conference Presentation

Top 3 Activities or Plans:

1. Get Into Energy Florida student branding campaign (go live still pending)
 - a. (Student designed: website, print marketing materials, videos, etc.)
2. Florida State Science Fair Recognition
 - a. Appreciation letter
 - b. Certificate of Achievement
 - c. USB drive with Get Into Energy Florida content
3. Get Into Energy Florida Marketing Kit
 - a. (Branding materials: tablecloth, giveaways, marketing flyers, presentation package, etc.)
4. Career Ladder progression visuals (current work in progress)

Best Practices to Share:

- Get Into Energy Florida Student Branding Campaign
- Florida State Science Fair Recognition

Issues We Struggle With:

- Resources (Financial & Human Assets)
- Continuous active engagement of full committee membership
- Purchasing and reimbursement processes



State Energy Workforce Committee

Consortium Name: Florida Energy Workforce Consortium
Committee Name: Policy & Education Committee
Committee Chair: Betsy Levingston

Email: betsy.levingston@lakelandelectric.com Phone: 863.834.6439

Please provide brief descriptions and additional contact information for project lead if appropriate.

Top 3 Accomplishments in 2008:

1. Sixteen energy-related high school academies replicating the Gulf Power model have been created in Florida. An additional four are in progress, for a total of 21 academies throughout the state. Five community college energy-related programs have been created, with at least one additional program in development.
2. Began discussions with Florida Department of Education staff to begin development of an Energy Technician certification curriculum for implementation in the 2010-2011 school year.
3. Hosted a meeting with members from the National Energy Foundation (NEF) to explore use of their materials to develop a teacher tool kit. Acquired Neb's Energy Action Technology book of energy education teaching materials for Grades 7-12. Began the compilation of free educational resources from other states and sources (NEED).

Top 3 Activities or Plans in 2009:

Partnering with FESC to develop a comprehensive listing of Florida's energy training programs — vetting of the CEWD workforce supply survey data for Florida.

1. Complete the compilation of readily available (free) resources on the "Get Into Energy Florida" web site for K-12 teachers to use to integrate energy concepts in math, science and reading curriculums. Working with Florida Association of Science Teachers (FAST) to have a presence at their national conference in Ft. Lauderdale in November.

2. Continue to work with Florida's Department of Education to finalize the program and curriculum for high school level "Energy Technician" industry certification to provide basic, foundational knowledge and skills from which students can branch off into specific energy fields—alternative energy education, fossil fuels, nuclear, etc.

Best Practice to Share:

- Centralized compilation of energy resources, materials and tools on the "Get Into Energy Florida" web site for access by Florida teachers. (in progress)

Issues We Struggle With:

- Staying abreast of everything all of the different entities in the state are working on to avoid duplicating effort. We have made significant improvements in this area, but would like to see all partners use the Get Into Energy Florida web site.
- Active participation of members



State Energy Workforce Committee

Consortium Name: Florida Energy Workforce Consortium (FEWC)

Committee Name: Funding & Resources

Committee Chair: Cindy Amor Email: cmamor@tecoenergy.com

Phone: 813-228-4019

Please provide brief descriptions and additional contact information for project lead if appropriate.

Top 3 Accomplishments:

1. Collecting donations to operate the FEWC and developing a Member Benefits flyer.
2. Establishing a governance document to help guide the operations of the FEWC.
3. Providing input, advice and subject matter experts to various partnership attempting to receive grants related to energy industry training.

Top 3 Activities or Plans:

1. Continue assisting and evaluating grant and funding opportunities as they arise.
2. Continue funding

Best Practices to Share:

Issues We Struggle With:

- Resources (Financial & Human Assets)
- Continuous active engagement of full committee membership
- Purchasing and reimbursement processes



State Energy Workforce Committee

Consortium Name: Florida Energy Workforce Consortium (FEWC)

Committee Name: Untapped Pools of Labor

Committee Chair: Kathleen Woodring

Email: kwoodring@clmworkforce.com

Phone: 352-861-1657

Please provide brief descriptions and additional contact information for project lead if appropriate.

Top 3 Accomplishments:

4. Organization of Committee to include Mission Statement and Goals
5. 13 committee members representing industry, education, workforce and veterans
6. Integration of Energy industry into some Summer Youth Programs under Stimulus

Top 3 Activities or Plans:

5. Using a local need for outage workers to design a blueprint process to hire & train dislocated workers through the Workforce System,
6. Develop a local area veteran recruiting focus for nuclear plant operation positions that can be replicated throughout the workforce system.

Best Practices to Share:

- Newly formed and projects in starting phase

Issues We Struggle With:

- Ability to meet regularly
- Large Geography



State Energy Workforce Committee

Consortium Name Florida Energy Workforce Consortium

Committee Name State and National Outreach

Committee Chair Jennifer Grove email jlgrove@southernco.com phone 850-444-6821

Please provide brief descriptions and additional contact information for project lead if appropriate.

Top 3 Accomplishments in 2008:

1. Finalized governance structure, documentation and contributions.
2. Raised awareness of FEWC and goals through publication of articles in FCURT (Florida Construction User's Roundtable) magazine and in the June 2008 issue of Florida Trend magazine and through exhibitions/presentations at Governor Crist's Serve to Preserve Climate Change Summit, USDOL's Workforce Innovation's "Power to the People" pre-conference session and the Florida Chamber of Commerce's Energy Solutions Coalition.
3. Actively engaged in the development of the Florida definition of "green job." See Best Practice for details.

Top 3 Activities or Plans in 2009:

1. Further develop collaborative effort with Florida Energy Systems Consortium (focused on university and post-secondary education as well as research and technology-transfer) and other entities in Florida focused on energy or STEM workforce development.
2. Engage in Florida preparation for Federal Economic Stimulus Package – ensure energy labor needs are incorporated as possible (incorporate strategy of movement of residential construction workers into industrial construction roles). Provide leadership from energy industry community toward development of Florida response to USDOL SGA for \$495M in green worker training funding.

3. Engage in implementation of Construction Workforce Development Center (CWDC) in Florida. This initiative will be funded through a grant from Workforce Florida, Inc., and will involve coordination among the FEWC, FCURT, and other industrial construction users to ensure both the supply/demand forecasting tool and the industrial construction careers campaign is implemented in a sustainable manner in Florida to drive long-term supply of talent for the industrial construction sector.

Best Practice to Share:

- Early in the FEWC (formed Spring of 2006), it was clear that in order to ensure energy workforce development received adequate attention/funding, we would need to be identified as a “target industry.” Given that energy or electric utilities were not listed as target industries by our state economic development agency, it was critical that we make the case that our careers are of importance given how energy is an infrastructure industry without which none of our state’s targeted industries could sustain or grow. Through various awareness raising activities at the state level, through partnering with critical agencies such as Workforce Florida, Inc. and the engagement of Andra Cornelius, Vice President of Workforce Florida and Co-Chair of the FEWC, and through gubernatorial appointment of Jennifer Grove, Co-Chair of the FEWC, to the Workforce Florida, Inc. Board and her service on the Sustainability/Infrastructure Committee of WFI, energy workforce development has become a key area of focus for the state.
- With the continued and enhanced focus on “green,” it became clear in Florida that it was critical to have a Florida definition of “green” to ensure the state could take advantage of all funding and other opportunities to enhance the state’s “green worker” population. The Sustainability/Infrastructure Committee of WFI took the lead in developing Florida’s definition through conducting a Green Jobs Workshop and through extensive research. Details on this workshop, process, and resulting documentation can be found at <http://www.workforceflorida.com/news/GreenJobs.htm>.

Issues We Struggle With:

- The greatest area of struggle for the FEWC is in state outreach, and specifically in ensuring that our goals/objectives and collaboration is in alignment with and informed by the various organizations, both legislatively and otherwise created, with a focus on energy in the state of Florida. With the increasing emphasis on “green,” the number of such organizations continues to grow. To remain successful, we will have to continue to establish connections to all of these organizations.
- Full participation by all members
- Consistent engagement of State Apprenticeship / State Dept. of Education
- Continuing to beat the drum for energy/industrial construction workforce needs despite the economic downturn