

# **COE FOR ENERGY TECHNOLOGY ADVISORY COMMITTEE**

## **NOTES**

Friday, November 3, 2006

9:00AM – 11:30AM

### **COE Advisory Committee Members - Present**

#### **Industry**

*Todd Arendt, TransAlta*  
*Patti Connolly, PSE*  
*Pat McCarty, Tacoma Power*  
*Karen Devanaro, Seattle City Light*  
*Kurt Dobin, BPA*  
*Bob Gust, TransAlta*  
*Doug Hunter, BPA*  
*Jim Guenther, TransAlta*  
*Tom Lindmark, PGE*  
*Duncan McCaig, Chehalis Power*  
*Steve Milistefr, BPA*  
*Len Moreau, TransAlta*  
*Jay Pickett, PSE*  
*Stan Ratcliff, GHPDA*  
*Barbara Revo, PSE*  
*Jason Sander, PSE*  
*Arnie Winkler, NWPPA*

#### **Centralia College**

*Judy Guenther*  
*Jim Walton*  
  
*Barbara Hins-Turner*  
*Dory Jackman-Milistefr*  
*Cindy Mann*

#### **ITV Wenatchee**

*Arlene Abbott, WVC*  
*Ruth Erwert, Chelan PUD*  
*Dale Singer, Grand Coulee Dam*

#### **ITV Wilsonville**

*Bert Desmond, Marylhurst University*  
*Pat Hatleli, PGE*  
*Mark Lewis, PGE*  
*Rebecca Forsythe, CC Adjunct/PGE*

#### **Labor**

*Bob Guenther, IBEW Local #77*  
*Kairie Pierce, WA State Labor Council*

#### **College's**

*Mike Campbell, Pierce College*  
*Ralph Gibbs, Oregon Institute of Technology (OIT)*  
*Mike Kelly, Grays Harbor College*  
*James Malinowski, Clark College*  
*George Mobus, University of Washington*

#### **GUESTS:**

*Anne Wetmore, US Dept. of Labor*  
*Alan Hardcastle, Washington State University*  
*John Loyle, Pacific Mountain Work Force Development Council*

## *Committee Notes*

1. Steve Milistefr, Chair called meeting to order. Member and guest introductions.
2. *Barbara Hins-Turner showed Video recap of the Energy Summit held at Satsop Development Park on June 21st and 22nd, 2006 and presented Director's Report.*

### **2006 Summer/ Fall COE Director's Report**

#### **Summit Highlights**

##### **Special THANKS – Bob Guenther – Hours spent on Summit**

Keynote – Jerome Ringo, President National Apollo Alliance

- IBEW Local #77 support – 9 apprentices
- Steve Milistefr – BPA pole
- Trumpeter for ceremony
- Flag donated from Senator Cantwell
- Governor's office, Senator Cantwell, Congressman Baird, Senator Murray and Congressman Dicks staff attended
- Crab feed serving 150 people - Bob Guenther and John Loyle.
- Centralia College Board of Trustees, Judy Guenther, Dr. George Mohoric, Margaret Sundstrom, Trudy Marcellay, Frank DeVaul and Dr. James Walton hosted the crab feed.
- Theme - The link Industry, labor, workforce, economic development and government
- *Unveiling the Skill Standards-200 Copies Distributed*
- PSE Recognized for Exemplary Contribution

#### **Industry Training**

##### **Satsop - First Intro to Power Generation Class - Summer**

- Weyerhaeuser Pulp and Paper Workers – Intro to Power Generation
- Funded by Pacific Mountain Workforce Development Council

##### **Seattle Steam**

- 11 employees enrolled in skills upgrade training
- 7 ready for advanced training

##### **Credit for Prior Learning**

- 18 Power Plant Operators/Mechanics have completed course and been awarded first 20 credits per student
  - PSE, Chehalis Power, Chelan PUD
- Interconnectedness – 1 is now employed at PGE Port Westward, and 1 is employed at the Corps of Engineers

### **Energy Technology Program**

- 8 graduates in June – 7 are employed
- 1 - 2<sup>nd</sup> year student employed at Chehalis Power– finishing degree
- Fall Term:
  - Industry Adjuncts:
    - Rulon Crawford, 1<sup>st</sup> year Basic Energy, Retired PGE
    - Glenn Phelps, 2<sup>nd</sup> year Day, Retired Florida Power and Light
    - Jay Pickett, 2<sup>nd</sup> year Night, Employed PSE Hydro Operations
- Number of students enrolled – 35
- 5 Scholarships awarded through DoL Earmark – Senator Patti Murray and Congressman Brian Baird
- Wenatchee Valley College program launched ITV broadcast from Centralia to WVC

### **Future Recruiting**

- Energy Technology Registered with High School Pathways, Office of Superintendent of Public Instruction- Theresa Kimball, Tech Prep
- Washington High School Vocational Skills Centers
  - New Market Skills Center
    - 10 School Districts reaches 24 high schools
    - Focus of Phase II Skills Panel Funding
    - Grant Submitted to Workforce Training & Education Coordinating Board
  - SeaTac Skills Center
    - Visit with PSE, Micah Goo
    - 8 School Districts reaches 18 high schools

### **Filming**

- Summit
- Career Videos – PSE Electron
- PSE Wild Horse Wind Power Project
- PSE Black Creek Hydro

### **Visits**

- Governor Gregoire's Visit to Center of Excellence, April, 2006
- Edison Electric Institute and Center for Energy Workforce Development, July 2006
- National Coalition on Education and the Economy, August, 2006
- Congressman Brian Baird's Visit to Center of Excellence, October, 2006

### **Presentations**

- Pacific Mountain Workforce Development Board Meeting, April, 2006
- Western Labor and Management Public Affairs Committee (LAMPAC), Coeur d' Alene, ID, May, 2006

- Pacific Northwest Higher Education Teaching and Learning Conference, Vancouver, WA, May, 2006
- Pacific Northwest Regional Economic Development Council, Portland, OR, May, 2006
- Workforce Training and Education Training Coordinating Board Skills Panel Institute, Seattle, June, 2006
- Energy Research Summit, Satsop Development Park, Elma, WA, June, 2006
- Washington State Labor Conference AFL/CIO, Wenatchee, WA, August, 2006
- North Western Hydro Managers Meeting, Bellevue, WA, September, 2006
- Edison Electric Institute, Center for Workforce Development Conference, Charlotte, NC, October, 2006
- International Power GEN, Orlando, FL, November, 2006

**Recognition for Exemplary Contribution to COE**

- Barbara Revo, PSE Labor Relations Mgr

***THANK YOU all for a great year.....SAVE THE DATE, ENERGY SUMMIT June 21, 2007***

3. *Jay Pickett reported on fall classes and requests for lab equipment. Jay spoke on his experience working with the students as a first year instructor. He was surprised at the amount of experience the students in his class have. We are reaching the adult learners. One of the challenges we run into in the class room is getting enough lab equipment in the classroom. Any help on funding or lab equipment donated to the PPO program would be greatly appreciated. Barbara thanked TransAlta and Chehalis Power for the lab skid and for all their support and tours. Todd Arendt spoke about the students recent tour of TransAlta and how impressed he was with their excitement in the technology, boiler and simulator. Stan Ratcliff spoke about the two Energy Technology student summer interns at Satsop. He felt it was very successful.*
4. *Arlene Abbott spoke on the progress with the COE/WVC Energy Technology shared programming. Wenatchee Valley College launched a new, one year (three quarter) Energy Technology certificate program fall of 2006. Classes are held on Monday and Wednesday, 1-9PM and began on Monday, September 18, at the Wenatchee campus. The PPO courses are delivered via ITV from Centralia to Wenatchee in a collaborative effort to deliver the most relevant and appropriate curricula. Staying connected to the voice of industry, while collaborating and utilizing the resources of the COE, has ensured that WVC builds and delivers an enduring program. Eighteen students are currently enrolled. The energy technology program is designed for students who are planning a career in the power generation industry-such as power plant operators, maintenance and repair workers, electrical power line repairers and installers, first-line supervisors and managers-where a 50% decrease in the workforce is expected over the next five to eight years. As*

*the “Baby Boomers” began to retire, the energy technology industry is reaching out, wanting to hire workers who have already shown motivation and initiative in becoming more competitive in gaining entry into apprenticeship programs. WVC has worked hand-in-hand with local industry to find out their needs, and the courses and curriculum will allow students the opportunity to improve their chances by emerging ahead of the average applicant. The certificate program was developed with the educational needs of energy technology apprenticeship trainees as a model. This new energy technology program has benefited greatly from the assistance of the Washington State Center of Excellence for Energy Technology at Centralia College (COE), which serves as a point-of-contact and resource hub for industry skill standards by industry subject matter experts. Ruth Erwert, Chelan PUD spoke on marketing and on how effective a letter can be. A letter was sent to previous applicants to Chelan PUD in English and Spanish promoting the program. They now have 90 people on a waiting list for the program. George Mobus commented that it was great to see energy finally getting the respect it is due.*

- 5. Ralph Gibbs, OIT, shared on the potential OIT Articulation of Energy Tech Program. The Articulation would allow Centralia College’s two year program to flow into OIT’s 4 year program. OIT cost per hour is \$102 per credit.*
- 6. Alan Hardcastle confirmed the next steps in the Skill standards research. Barbara is moving us forward and Alan and Terryll are ensuring that the research has the integrity needed by industry. We need a last verification survey to see if there are any loose ends. The survey will take about 15 minutes and is very important to finalize the skill standards. 30 surveys are required for each occupation. We will be doing this over the next few months. We need to make sure the foundation is solid before moving forward. Protecting identity and proprietary information will be done when working with Industry. Barbara noted that for the Stage II Skill Panel funding allowed is \$10,000.00 and is not near enough to conduct an additional occupational assessment. We can partner with New Market Skills Center with this funding to reach high schools.*
- 7. Labor Market Project Discussion-CTED Cluster Grant was not funded. Alan stated the cost to do labor market research overview is estimated at \$50,000.00. Bob Guenther spoke on the need to have the research to complete the Training Center Business Plan. Bob Guenther spoke about a new way industry could contribute to funding of skills panel work and that is to donate equipment, vehicles and other items to the college who in-turn could sell them. Steve Milistefr said he feels industry will get a huge return on their investment with the skills panel development, the more we can do the more industry will benefit. If anyone needs a copy of the skills panel book please email your request to Cindy Mann at [cmann@centralia.edu](mailto:cmann@centralia.edu).*

8. *Mike Campbell spoke on Homeland Security and Dam Safety Needs Assessment. He feels partnerships are key in this area and Barbara has been helping with this. Building the plan is more important than using the plan on homeland security. The next step will be working with Barbara to see what do you want to see next. It's not if, it's when another disaster will hit.*
9. *George Mobus spoke on the UW Tacoma Energy Program Planning.*

*Jim Walton presented Barbara Revo with a plaque in honor of her outstanding service for the advisory board*

### **Adjournment**

*Lunch in the Center of Excellence for Energy Technology Classroom 121, hosted by Jim Walton.*

### **Black Creek Project Discussion & Attendees**

***Tacoma Power**, Pat McCarty, **PSE** - Barbara Revo, Jay Pickett and Patti Connelly. **Labor, IBEW 77** - Bob Guenther, **BPA**-Steve Milistefr, **Centralia College**- Steve Ward and Barbara Hins-Turner.*

*Black Creek Video was viewed. Discussion was held on how black Creek could be used as a training aid. Barbara Revo will take the lead to coordinate next steps in discussions.*