



**Pacific Northwest Center of Excellence for Clean Energy
Advisory Board Meeting
Centralia College
May 27, 2011**

In Attendance:

Pat McCarty, Tacoma Power (Chair)
Kimberly Pincheira, Office of Senator Maria Cantwell
Sean Murphy, Office of Senator Patty Murray
Alan Hardcastle, WSU Extension Energy Program
Ryan Davis, Director, RETC
Yvonne Chase, PNCENE
Barbara Hins-Turner, PNCENE
Jim Malinowski, Clark College
Jim Lowery, Centralia College
Judy Guenther, Centralia College
PJ LeCompte, BPA
Monica Brummer, Centralia College
Mike Kelly, Grays Harbor College
Bob Guenther, IBEW 77
John Loyle, Pacific Mountain Workforce Development Council
Joe Kinerk, New Market Skills Center
Rulon Crawford, Centralia College
Jim Walton, Centralia College
Martha Henderson, Evergreen State College
Ed Bowen, WDVA

Teleconference:

Bill Messenger, WSLC
Dennis Skara, WDVA
Kim Task, Spokane Institute of Extended Learning
Rebecca Rhodes, Spokane Institute of Extended Learning
Troy Nutter, PSE

Welcome and Introductions

Pat McCarty, Chair Brought the meeting to order and Introductions were conducted.

Updates

Kimberly Pincheira presented legislative updates

- Keynote on the Hamilton project- America's Energy for the Future.
- Stimulates the market as an accelerator moving the country toward environmental and renewable energy opportunities.
- Carbon Account- self credit auction
- 75% return to the public to offset the energy costs such as, Grants and tax credits

- Hydropower Investment act
- 2 year study to examine all existing dams in the nation.
- Help all dams not producing power and to make the dams more efficient.

Sean Murphy presented legislative updates

- Workforce investment act reauthorization- which authorizes all the funds for the workforce.
- Career Pathways bill- helping older teens to young adults moving to the workforce. Allows funding for partnerships between businesses, workforce agencies, colleges, and high schools systems.
- Hiring Heroes of 2011 bill- highlighted for veteran employment. Transition from the military all the way to getting a job in the workforce. Highlights how transition training will be mandatory in the service before exiting. Efforts to work with DOL, VA, and DOD. Making sure MO's are understood and allowing them to use their training from the military in civilian life.

Career Lattice Project- Alan Hardcastle, WSU Extension Energy Program

Project Overview:

- Provide framework for relationships between different jobs identifying career structures, training gaps and to improve certain programs. Industry can use the lattice to identify a career pathway of new and incumbent workers also providing internal training. Workers can use the lattice for career options, training programs, or developing new skills.
- 10 Key occupations- Supply side jobs include ground crew workers, line workers, substation operator, wireman, and relay control specialist. Demand side jobs are customer service reps, meter tech, energy auditor, resource conservation manager, energy conservation program administrator.
- Interview research questions asked for SME's for Supply and Demand side jobs:
 - What connections do you see among and between these occupations?
 - What training do you offer related to these occupations?
 - Who else from your organization can we contact additional information?
- Development progress: Data collection about the education and training programs is nearly complete. Compilation of sample job descriptions created and verified, and Skill standards collected and analyzed.
- Our next steps are to post the lattice content on the PNCECE website so everyone has access to the information and to get an idea if the content is a resource.

PNCECE website tour, Ryan Davis

- The website is focused on the energy industry information and careers. All videos are loaded on a you-tube link, Skill Standards documents, newsletters etc. have been loaded on the site. The next step will be to add career lattice and program guide matrix.

CEWD Grant- Yvonne Chase

- The task of this grant is to assess low income young adults ages 16-26 on energy interest and skill levels. The program will pilot in Spokane working with Avista on the

pre apprentice line school. This program will put the students through a series of assessments and prepare those that qualify for admission into the Avista pre apprentice line school. This CEWD grant is funded through the Gates Foundation through July, 31,2013.

- Careers in Energy Week, October 17-21 is awaiting the Governor's Proclamation in Washington State to align with the national CEWD initiative. The week will focus on helping the local energy companies connect with their communities, schools and families. There are going to be many opportunities for utilities to participate in activities across the state. Yvonne will coordinate a planning committee.

College Reports

- Clark College, Jim Malinowski, faculty Currently has 16 students who are going to complete certificate of proficiency. The College is establishing a protection lab. PUD has donated a couple of breaker panels. Bonneville have donated test sets for the breaker panels. There has been a course approval for introduction system protection course which will start next spring. Also an authorization for a AAT degree for estimators which will start this fall. Currently working on a Smart Grid proposal lab which will now have the Incremental Systems software. The College will be hosting a LabVolt technical training conference July 12-13.
- Centralia College, Rulon Crawford, faculty – Currently has 52 first year students, 60 second year students, 17 are from Grays Harbor College. Now introducing simulators for wind, solar, and smart grid into the program. Incremental Systems simulation software program is being tested with 5 students currently in the pilot. Next year the Incremental Systems Program will be included in second year curriculum.
- Grays Harbor College, Mike Kelly, Dea - For two years, Grays Harbor College (GHC) has used American Recovery and Reinvestment Act (ARRA)/Senate Bill 5809 monies to fund one cohort of students in the Energy Technology Degree Program and one cohort of students in the Power Technology Certificate Program. Winter quarter classes started January 4, 2011. The Energy Technology degree program started this quarter with 16 students and the Power Technology certificate program started with 17. This funding will end June 30, 2011.
All 16 students who started the quarter completed their classes. The average quarterly Grade Point Average (GPA) was 3.25. Three students obtained a 4.0 for the quarter while six other earned a 3.5 or above. The cumulative average GPA of the completers is 3.42. This quarter seemed to be particularly hard for the students. They have a lot of concern about job opportunities when they complete the program. We will work with them on job search and resume writing during spring quarter. One student will not be continuing the program because he was accepted into electrical lineman's apprenticeship school. Another student interviewed with Chevron in Colorado and although he did not secure that position, he is on the list for other opportunities with Chevron.
- Spokane Community College IEL, Rebecca Rhodes, VP Workforce – delivery region is located in 12,000 Square mile service district in eastern Washington North of Spokane. The Centralia College program will be delivered via ITV fall, 2011 to the Ione Center which is near Meadows Falls and Boundary Dam. The pilot will be delivered to 5 IEL students.

6th Annual Energy and Construction Best Practices Summit Update – June 23/24, RETC Committee Report - Ryan Davis reported that over \$7000 in sponsorship funds have been raised. Judy Guenther discussed scholarship auction and requested items for both live and silent auction.

Barbara Hins-Turner, Director's Report

Smart Grid Project Update – Year 1 completion, July 31, 2011, Year 2 goals to update web site with career lattice and education programs, build out Idaho and Montana satellites.

Introduction – Monica Brunner, Communications

Incremental Systems Partnership – contracts completed for Clark College, Centralia College, Whatcom and Columbia Basin.

Smart Grid 101 Course – General Physics is partnering with Center of Excellence to develop and online introduction to Smart Grid to be completed by June 30, 2011. Mark Bain, Centralia City Light is the subject matter expert providing content. Project is funded through COE SBCTC funds and General Physics.

Bellwether Award Nomination – Orlando, FL, January 29-Feb 1

The Pacific Northwest Center of Excellence for Clean Energy, Centralia College was one of ten national finalists in the Workforce Category for the 2011 Bellwether Awards. The Bellwether Awards annually recognize outstanding and innovative programs and practices that are successfully leading community colleges into the future. Barbara Hins-Turner, Dr James Walton, President, Centralia College, Troy Nutter, Operation Training Mgr, Puget Sound Energy, Dr Alan Hardcastle, WSU Extension Energy Program and Don Guillot, Business Mgr, IBEW Local 77 presented at the Community College Futures Assembly. The presentation was entitled *Developing A Pacific Northwest Smarter Grid Workforce a Case Study in Regional Collaboration for Workforce Development in Clean Energy*.

Winter/Spring Conference Circuit – Director presentations included:

- NW Hydro Conference, Portland, Feb 22/23
- American Association of Community Colleges, New Orleans, April 10/11
- Idaho State University, ESTEC Advisory Board Meeting, Pocatello, May 20
- DoE Smart Grid Recipient Summit – Director serving on planning committee and facilitating Community College breakout session at summit to be held June 8/9 in Annapolis. Jamie Krause and Barbara Hins-Turner will be attending.

Adjourn