

COE FOR ENERGY TECHNOLOGY ADVISORY COMMITTEE

1st Quarter, 2006 Meeting

NOTES

Thursday, March 9, 2006

9:00 a.m. – 1:00 p.m.

COE Advisory Committee Members - Present

Industry

Todd Arendt, TransAlta
Jim Guenther, TransAlta
Arnie Winkler, NWPPA
Richard Berdan, Tacoma Power
Jay Pickett, PSE
Steve Milistefr, BPA, Chair
Len Moreau, TransAlta

Centralia College Center of Excellence for Energy Technology

Barbara Hins-Turner
Mary Ann Medlin
Dory Jackman
Rebecca Forsythe
Cindy Mann

Labor

Bob Guenther, IBEW Local #77 Lobbyist

Colleges

Robert Bass, OIT
Mike Kelly, Grays Harbor College
Tom Cary, City University
Alan Hardcastle, Washington State University

Guests

Anne Wetmore, US Dept. of Labor
Mark Johnson, Pan Global
Stan Ratcliff, GHPDA

Committee Notes

1. Steve Milifestr, Chair called meeting to order. Member and guest introductions.
2. Skills Panel Project:
 - Barbara Hins-Turner presented update on Power Generation Skills Panel project.
 - Workforce Training and Coordinating Board grant funding process was explained
 - January 9 initial meeting was hosted at Grant PUD SeaTac Conference Room. Training Mgrs, Plant Mgrs and labor representatives set project direction, timeline and selected plant operator and plant mechanic crafts for skills panel
 - February 1 and 2 Plant Mechanic panel was hosted by PSE at the Snoqualmie plant
 - February 7 and 8 Plant Operator panel was co-hosted by Douglas County PUD and Chelan PUD at Rocky Reach dam visitor center.
 - Participants included representation from the following industry partners:
 - a. BPA

- b. Bureau of Reclamation, Grand Coulee Dam
 - c. Chelan PUD
 - d. Douglas County PUD
 - e. IBEW 77
 - f. Lewis County PUD
 - g. PGE
 - h. PSE
 - i. Tacoma Power
 - j. TransAlta
3. Alan Hardcastle explained next steps for skill standards research:
 - The raw data will be analyzed
 - Managers will be selected to review data for each craft
 - SCAN surveys will be distributed to about twenty operators and mechanics
 - Approximately 30 verification surveys will be distributed to each cluster
 - Two individuals from each focus group will develop work based scenarios
 - Final documentation will be developed
 - Collaborative curriculum development process with college faculty and industry trainers will begin at the COE Energy Technology Summit, June 21-22.
 4. Jay Pickett spoke about the process used to gather information at the January 9 planning meeting, February 1 and 2 Mechanics meeting, and the February 8 and 9 Operators panels. Jay spoke about industry's need for skill standards due to the skilled trades retiring workforce.
 5. Barbara Hins-Turner presented the original ATA Energy Technology Power Operations degree program endorsed by the COE advisory board in 2004 currently being offered to 2nd year students. The degree plan was amended in 2005 to integrate electronics courses and is currently being offered to 1st year students. Discussion was held on integration of new power generation skills standards as a foundation for curriculum and degree programs. The advisory board determined that the original plan best reflects industry power generation skilled workforce training needs and lends itself to the integration of the generation skills panel outcomes more favorably than the electronics integrated program.
 - Motion: Since the Skills Panel has developed a preliminary power generation skills standards outcome that indicates the Power Operations Program initially instituted in 2004 was the appropriate program for the Center of Excellence for Energy Technology Associate Degree program, the Advisory Board strongly recommends reviving the initial program for incorporation curriculum developed based on skill standards for plant operators and mechanics. The program should be rightfully named, Energy Technology, Power Plant Operations. Motion moved, seconded and unanimously carried (four from industry and four from labor approved the vote).

6. Barbara Hins-Turner presented the ATA Energy Technology program amended in September, 2005 with electronics curriculum integration. Discussion was held regarding the degree applicability to relay operations and the integration of the Walla Walla Community College Distribution Skills Panel Relay Operations outcomes for the program.
 - Motion: The board requests integration of Walla Walla Skills Panel Meter Relay craft outcomes into the ATA Energy Technology electronics program for offering in fall 2007. The 2nd year program will be offered as it stands so 1st year students currently enrolled will not be adversely impacted. However, the program will not be offered to 1st year students fall 2006. The program should be rightfully named, Energy Technology, Relay Operations. Motion moved, seconded and carried unanimously carried (four from industry and four from labor approved the vote).
7. Steve Milistefr spoke about BPA apprentice application process and the lack of skill sets of applicants. He shared the cost of \$90,000 a year cost to train each apprentice. BPA is co-developing an online training program for apprentices with Centralia College Center for Excellence. Five classes will be offered through this modality to summer 2005 newly indentured BPA apprentices. Steve presented a draft Energy Technology High Voltage Transmission and Distribution Associate Degree program.
 - Motion: The advisory board endorses the High Voltage Power Transmission and Distributions Systems associate degree program to be offered online through Centralia College Center of Excellence for Energy Technology. The program should be rightfully named, Energy Technology, High Voltage Transmission and Distribution Operations. Motion moved, seconded and carried unanimously carried (four from industry and four from labor approved the vote).
8. Dory Jackman spoke about the Credit for Prior Learning program. Dory was hired at Centralia College as Program Director on January 2, 2006. She taught two portfolio classes winter term; one on campus and one hybrid interactive televideo through OCATE Center in Beaverton, OR to Centralia College and Chelan PUD. Of the 28 students enrolled, energy industry incumbent workers were employees of Chelan PUD, TransAlta, Chehalis Power, BPA and PGE. Dory indicated that there will be about 14 of these students are pursuing the ATA Energy Technology degree at Centralia College, the remainder will be completing either an associate degree and/or transferring to a baccalaureate degree program. The portfolio class will be offered spring term in two different modalities, one will be available on Washington Online (WAOL) and one will be a regional energy industry site class. Dory is currently training faculty at Centralia College to evaluate portfolios.
9. Becky Forsythe, PGE Meter Services and Centralia College adjunct faculty reported on the Basic Energy 100 winter term class. This course is an IBEST (integrated basic skills) pilot program offered to ESL and basic skills students.

Jim Johnson, Centralia College math instructor is team teaching the course integrating math problems that align with basic electricity. An Energy Technology Certificate of Achievement was developed that includes a three level basic energy series and general ed courses. The program is intended to build basic electricity and math skills as a pipeline into the Energy Technology Certificate of Proficiency program. Barbara Hins-Turner shared that Theresa Kimball, Centralia College Tech Prep coordinator is currently articulating the Basic Energy classes with the Chehalis High Basic Electricity program to offer high student students college credits for the course.

- Board requested adoption of the IBEST Energy Technology Certificate Achievement. Motion moved, seconded and carried unanimously carried (four from industry and four from labor approved the vote).

10. Cindy Mann informed members of the Centralia College 15th Annual Job Fair being held on campus, April 19, 2006. Industry partners that would like to participate in this free recruiting event were asked to forward the name and address of the appropriate person to cmann@centralia.edu. Interested parties will be sent an informational marketing packet and tables will be confirmed.
11. Barbara Hins-Turner reported on the Center of Excellence assessment conducted by the State Board of Community and Technical Colleges on January 13, 2006. SBCTC is conducting assessments of all COE's January – June, 2006. The assessment was an entire day of reporting to SBCTC the accomplishments of the COE relative to the requirements of all COE's. The outcome of the assessments could be one the following: 1) if COE requirements have not been met, COE designation and funding could be cut; 2) if COE requirements have been partially met, one year of designation and funding would be awarded 3) if requirements have been satisfied, four years of COE designation and funding would be awarded. The COE for Energy Technology satisfactorily met requirements and the four year designation and funding were awarded.
12. Barbara Hins-Turner distributed briefer (attached) on the Satsop Park Energy Coalition (SPEC) project, discussed partners involved, WIRED grant application concept and outcomes. The WIRED grant SPEC application that focused on creating an energy and Homeland Security training center at Satsop was selected in December as Governor Gregoire's top choice for submission to the Department of Labor at the federal level. Thirteen regions were selected for funding at the national level. SPEC was not funded but we continue to look for other funding sources.
13. Stan Ratcliff shared potential hands on skilled training available at Satsop. Millions of dollars of equipment that no college could afford to purchase present optimal training opportunities. (list attached) This includes 1,800 acres, a 40,000 square foot turn key building and machine shop fully equipped.

14. Bob Guenther reported on the National Workforce Board Conference held in Washington DC, February 27/28. Pacific Mountain Workforce Development representatives, Mike Kennedy and John Loyal, Lori Province, IBEW, Bob and Barbara met with IBEW National, National Science Foundation, National Apollo Alliance, Department of Labor and National Council on Education and the Economy regarding SPEC project. All feedback on SPEC at meetings was extremely positive.

15. Barbara Hins-Turner announced the Center of Excellence for Energy Technology Research Summit scheduled for June 21 at Satsop Development Park.

Lunch was hosted by Steve Milistefr, BPA

Adjournment

Stan Radcliff provided tours of Satsop