

COE FOR ENERGY TECHNOLOGY ADVISORY COMMITTEE

◆ *Joint* ◆

UETA BOARD MEETING

NOTES

Thursday, November 10, 2005

9:30 a.m. – 1:00 p.m.

COE Advisory Committee Members - Present

Industry

Scott Bauska, PGE

Rick Bradshaw, Chehalis Power, Inc.

Bob Gust, TransAlta

Brad Holmes, TransAlta

Pat McCarty, Tacoma Power

Steve Milistefr, BPA

Len Moreau, TransAlta

Centralia College

Diana Bradshaw

Jose Diaz

Barbara Hins-Turner

Theresa Kimball

Mary Ann Medlin

Steve Miller

Tanya Price

Dr. James Walton

Labor

Bob Guenther, IBEW Local #77 Lobbyist

UETA Committee Members - Present

Bert Desmond, Marylhurst University

Pat Hatleli, PGE Corporate University

Dory Jackman, EOU

Jim Malinowski, Clark College

Bob Topping, Clackamas Community College

GUESTS:

Rebecca Forsythe, Portland General Electric (PGE)

LoriAnn Gazzola, Invensys SimSci-Esscor

Alan Hardcastle, Washington State University

Delores Payton, Guest of PGE

Jason Sanders, PSE

Committee Notes

1. Barbara Hins-Turner welcomed members to the 2nd joint COE Advisory and UETA Committee meeting. Members were asked to introduce themselves.
2. LoriAnn Gazzola gave a presentation on the *Invensys SimSci-Esscor* simulator. She explained that *Invensys* is a global automation, production, management, and performance solution company with a worldwide presence of over 80 operator training simulators. She discussed the “high-fidelity” simulator and why it would be most beneficial for the Centralia College energy program. This simulation would be

80-100% hands-on, which will create knowledge retention on safety, efficiency, and will reduce potential problems. This also can reduce the amount of on-the-job-training from 6 years to 3-6 months. The approximate price of the simulator is: 10 student computers with 1 instructor station = \$460k or 1 drum and 1 computer = \$60k. The following link has further information on *Invensys SimSci-Esscor* (<http://www.simsci-esscor.com/us/eng/simsciSimulators/power/default.htm>)

3. Barbara Hins-Turner mentioned the Skills Panel Grant which was approved by the Workforce Training and Education Board. A governor's press release was distributed, noting the energy grant to the COE.
4. Alan Hardcastle, of WSU, will be taking the lead on developing state-wide energy skills standards with a generation focus. (www.wa-skills.com –distribution focus). He gave a presentation on how the skills standards concept was created and what he will need from our skills panel in order to complete a manual. He highlighted education and industry needs and what his plans are to start developing a list of important occupations. He told members it will be up to them to decide which occupations are the most critical to industry. Alan will be asking appointed skills panel members to join him in an estimated 3 meetings, one for each occupation, for two-day retreats in order to have in-depth “think-tanks” on the knowledge, skills, and abilities they are seeking for potential employees. He would like managers to meet for a half-day meeting to determine the direction of the project. This will potentially be held at Sea-Tac airport, which is an easy accessible location for industry that is spread out across the state. When the final location is decided, information will be provided to the appropriate people. The deadline for the final draft is approximately April 2006.

Barbara asked members to discuss with their companies who a good candidate will be and who they want to appoint to participate in the first meeting. Other interested industry partners include: Mid-Columbia PUD's, Grand Coulee, Chief Joseph, and Avista.

Other Comments:

Bob Guenther, IBEW Local #77 Lobbyist, stressed that the Skills Standards will be enabling people to be more knowledgeable and this is not a way for educators to “steal” apprenticeships from industry. He told members to build the confidence of industry by showing them we are complementing them not competing with them.

Jim Malinowski, Clark Community College, mentioned how important it is to having the Skills Standards manual reviewed by faculty. He noted how difficult it can be for instructors to decide how “specific” industry would like them to be.

5. Steve Milistefr discussed the progress of the BPA online Electrical Math course being developed. He said it has been tested and appropriate members have discussed how to make improvements. There are also plans to create Introduction to Electricity, DC Parallel, Introduction to AC Mathematics, and Magnetism. These

will, hopefully, be ready by June. This will be on WAOL shared/changeable format. He also mentioned that BPA will save \$22k per every 2 weeks by having one class online. Already this year, he has been able to cut 3 weeks of apprentice travel time.

6. Dory Jackman, currently the Director for Prior Learning at Eastern Oregon University, will be coming to Centralia College to start a new Credit for Prior Learning program beginning January 2006. She will be creating a state-wide standardized Credit for Prior Learning model using Centralia College as a pilot, which will be used by both community colleges and universities. The first class will be offered only to utility members through ITV, beginning January 27, 2006 from 9 am – 4 pm. She will be working on having sites in Beaverton, Chelan, and Centralia College.
7. Diana Bradshaw updated members on the Fall 2005 energy classes. She has 14 first-year students in the day program and 6 in the evening. Fall term students are covering basic electricity, AC/DC motors, generators, and safety. The first and second-year students are both taking a HazMat-focused class. There are 16 second-year students. She noted the average age of her second-year students are in the age range of 38-40.

She said Chief Joseph visited with 7 of their apprentices and they are interested in future recruitment. Diana also noted there are students interested in Hydro and she will be covering information on this in class.

Diana and the COE for Energy Technology would like to give a ***Special Thanks to Chehalis Power, Inc.*** for building the lab skid and for providing guest speakers for the energy classes and tours of the plant for students.

8. Becky Forsythe, PGE, will be teaching Basic Energy 100 in the evenings winter term at Centralia College. She told members she will be building adult confidence and will give encouragement for working in the energy/utility industry. This class will incorporate math instruction to build lower-level math skills and build a pipeline into the Certificate of Proficiency program.
9. Other Informational Items:

Centralia College Job Fair 2006 – Tanya Price told members about the Centralia College 15th Annual Job Fair being held on April 19, 2006. Members who would like to participate in this free event are asked to forward the name and address of the appropriate person/s to tprice@centralia.edu. Please forward ASAP, by December 1, if possible. Interested parties will be sent an informational marketing packet in January.

DOL Grant – Mary Ann Medlin reported on the high-growth grant. She said there has been no word back, which is not a good sign. The community-based grant is

not being funded due to the recent destruction from the hurricanes in the South. Senator Murray has helped get the \$148k Earmark grant funded. It is currently going through the proposal process.

NSF Grant – Barbara Hins-Turner said there will be a potential opportunity in spring for more funding through the National Science Foundation.

9. *Invensys SimSci-Esscor* simulator virtual tour/review – Brad Holmes and LoriAnn Gazzola.
10. Adjournment