Pacific Northwest Center of Excellence for Clean Energy (PNCECE)
Advisory Board Meeting Minutes
November 13th 2015, 0900-1130 hrs
The Pacific Northwest Center of Excellence for Clean Energy Centralia, WA

Clean Energy Advisory Board Attendees:
Pat McCarty, Chair, Tacoma Power
Jay Pickett (Skype), Northwest Territories Power Company
Jeremy Gall, Avista Utilities
Jim Lowery, Centralia College Trustee
Shana Peschek, Construction COE
Travis Kinney, Lewis County PUD (alternate)
PJ Le Compte, Bonneville Power Administration
Micah Goo, Centralia City Light
ML Norton, Centralia City Light
Todd Currier, WSU Energy Program

Additional guests
Kelley Ferrantelli (phone), Energy Northwest
Gary Marx, Bonneville Power Administration
Bob Topping, RETC

Education:
John Steidel, Centralia College
Rulon Crawford, Centralia College
Caryn Fosnaugh, Bates Technical College
Mike Kelly, Grays Harbor College
Barbara Hins-Turner, PNCECE
Anthony Valterra, PNCECE
James Hovis, PNCECE
Angela Conley, PNCECE

0900 – 0915 hrs - Call to Order - Pat McCarty:
Introductions

Motion on Minutes
Shana Peschek made a motion to approve the minutes from the previous CoE advisory board meeting. It was seconded by Mike Kelly. The motion passed unanimously.

0915 – 1000 hrs - College Reports:

Presentation by Caryn Fosnaugh from Bates Technical College
Presentation updating the board on the PG&E PowerPathway program to be delivered at Joint Base Lewis McCord. Active-duty service members will receive pre-apprenticeship training as a utility worker. The classes
are scheduled to run January-April 2016 and last 12 weeks. The program has already filled one of the 15 slots. PG&E published a press release on Nov 9 as a Veterans Day announcement.


Presentation by Mike Kelly from Grays Harbor College
Presentation informing the board on the collaborative energy education program at Grays Harbor. Six students at Grays Harbor College are taking energy classes, through interactive TV system (iTV), from Centralia College.

Presentation by John Steidel from Centralia College
Presentation informing the board on the Energy Technology Power Operations program at Centralia College. There are 13 students 2nd year students this year at Centralia, 6 students from Grays Harbor, and 2 students online through CANVAS. John teaches classes covering power plant operations and grid operations. He will also offer a North American Electric Reliability Commission (NERC) class in winter and spring.

Avista Utilities piloted a program last year for 1st step apprentices with 1st year courses online through Centralia College. This allows Avista to save the time of its instructors for Avista specific training.

1000 - 1015 hrs - Leadership in the Trades presentation - Shana Peschek:
Presentation covering the results of a DACUM held on the east and west sides of the state to develop the Leadership in the Trades Certificate. Jeremy Gall, Avista represented the energy industry in the east side forum. The goal of the program is to train journeymen-level craftsmen for management. Walla Walla and Spokane colleges are the first to sign on to the program.

Shana introduced and explained the “Apprenticeship Ambassador Bags”. The bags contain materials to aid in recruiting women and minorities to apprenticeships in the trades.

1015 – 1030 hrs - Break:

1030-1045 hrs - NTER Demonstration - Bob Topping:
Presentation covering the status of the National Training Education Resource (NTER) system. Bob demonstrated the new portal for WISE grant participants. The new portal has increased security and is much more responsive. Classes developed through the Dept of Energy Smart Grid grant are available through NTER. Upcoming classes include NTER class authoring training and “project management for non-project managers”.

https://retcportal.org/

1045 – 1100 hrs - Update on WISE DOL TAACCCT Grant - Anthony Valterra:
Presentation updating the board on the status of the WISE grant. Challenges overcome by the grant have included large amounts of staffing turnover and changes to the grant that needed approval from the DoL (see slide below). Statistics that describe the effectiveness of the grant during the first year were presented. The number of students participating in a program, remaining in a program, completing credit hours, or earning credentials through a program was higher than expected. But, the number of students completing a program, completing other programs, or becoming employed after completing a program was lower than expected.
Challenges

• Position Churn
• ESD rules and data collection
• Necessary grant modifications and the timeline for approval
• DOL rules regarding counting
  • (incumbents and employment)

Year One

**WISE grant year one**

1100 – 1120 hrs - Hydro discussion:
Discussion on adding a hydro power component to the Centralia and Grays Harbor College Energy Technology Power Operations program was led by Pat McCarty. The board discussed the length of the component and topics covered under the proposed hydro component. Interested parties copyright concerns were mentioned as the new course material would need to be offered online in an open source format.

Motion was made by Mike Kelly: “Within the next month schedule a meeting with hydro experts to develop learning objectives and potential course options for hydro at Centralia College and/or GiPiLearn/NTER, with the expectation of launching in spring 2017.” Seconded by Jim Lowery. The motion passed unanimously.

A committee was formed that includes Tacoma Power, Centralia City Light, Avista, and Northwest Territories.

1120 – 1130 hrs - Director’s Report - Barbara Hins-Turner:
Presentation on the status of the PNCECE and recent meetings attended by the PNCECE and projects the CoE is working on. (See attached)
Center of Excellence for Clean Energy  
Directors Report  
November 13, 2015

Center of Excellence (CoE) Staffing:  
Justin Yim left in May and Sara Bowles in early June for Tacoma Power’s Energy Efficiency team  
  • Angela Conley, Program Coordinator, July 27, support CoE and WISE  
  • James Hovis, Program Mgr, Oct 27, sharing responsibilities with both the WISE grant and the CoE  
  • Contracted with former Centralia College web master Cindy Lawrence for website maintenance

Careers in Energy Week:  
• Tacoma Power  
  o September 30  
    Clover Park High School Career Fair – 500 students (estimated)  
  o October 1-9  
    Tacoma Public Schools Webucator teacher announcement  
    (speakers/presentations available)  
  o October 8  
    TVTacoma “CityLine” public affairs show with Pat McCarty, Alice Massara, Randy Stearnes (show aired once a day between Oct 8-14)  
  o October 9 and 12  
    Jason Lee Middle School (Tacoma) 7th grade – 160 students  
  o October 13  
    Hood Canal School 8th grade – 30 students  
  o October 15  
    Alder Dam tour: Jason Lee Middle School – 25 students  
  o October 27  
    EUREC presentation at Hydro 2015 conference in Bordeaux, France – 10 people  
  o November 6  
    Meeker Middle School (Tacoma) AVID classes – 36 students  
  o November 25 (scheduled)  
    Franklin Pierce High School Career Fair – 100 students  

The CityLine show will be Pat McCarty, Alice Massara and Randy Stearnes talking about Careers in Energy week, Public Power Week and what Tacoma Power is doing about facing “the Silver Tsunami” of retirement. The segment is 12 minutes but will air at different times for one week following. You can see it on your computer by visiting the TVTacoma Web page.

• Avista  
  o Social media campaigns on Twitter (#ILookLikeAnEngineer), on LinkedIn and Facebook through brand ambassadors.  
  o HS student video contest –  
  o JSTC event for job developers (veterans, disabled, females, minorities). Kairie Pierce, WSLC explained apprenticeship, current Avista journeymen talked about their apprenticeship experience, and Jen Boettcher presented job search/resume/interview workshop  
  o Career Fairs/Events –  
  o Partnership with Spokane County Library District promotion 10/29 through 11/21 with four Avista Engineers leading Snap Circuits and HRM Dan Kolbet reading the 125th anniversary kids’ books at story time. Sources of Energy coloring books provided @ each site.  
  o City of Spokane proclamation request sent 9/15 – read at City Council meeting

Veterans Transition Summit, JBLM, Sept 22/23
• **Leadership Day - PowerPathway Program Announced** – Advisory Board Members PJ LaCompte, BPA, Alice Massera, Tacoma Power, Kairie Pierce, WSLC attended.

• **Centers of Excellence presented in a sector strategy approach with each Dept. of Commerce Lead.** Sector leads align with Centers, Construction and Clean Energy presented with Brian Young, Clean Tech Lead to 200 transitioning Veterans about careers in clean tech.

**Association of Community College Trustees (ACCT) Congress, San Diego, Oct 15/16**

Centers of Excellence were selected to present our state’s CoE model at the annual ACCT Congress. The application was supported by Centralia College Board of Trustees. Joanne Schwartz, Chair for provided technical support on the application and presentation, Jim Lowery presented on the panel and Joe Dolezal also attended. The panel moderated by Barbara Hins-Turner included Center Directors Meg Ryan, Global Trade and Supply Chain Mgmt at Highline CC, Mary Kaye Bredeson, Aerospace and Advanced Mft, Everett CC, and Shana Peschek, Construction, Renton Tech. Session attendance included presidents and/or trustees for all centers that presented as well as Idaho, Montana and Oregon college presidents.

**Energy Industry Forum, Everett, Oct 28, NSF Project**

Bellingham Technical College (BTC) contracted the Center to coordinate a 2nd energy industry forum to inform the development of an AAS in Sustainability. Participants in the forum represented Tacoma Power, Snohomish County PUD, PSE, IBEW, Washington State Labor Council, and several small solar companies.

**HOLD THE DATE:**

**2016 Energy and Construction Best Practices Summit, May 18/19, Bates Technical College South Campus**

Matt Morrison, Director, PNWER (Pacific Northwest Economic Region) secured as keynote. Active planning team meeting in December.

**NOON – Lunch - Meeting adjourned**