



2018 – A Year in Review – It's About Partnerships

A Special THANK YOU to all who participated, supported and cheered us on!!

2018 was a monumental year of project closure at the Center of Excellence for Clean Energy. Following are just a few of the projects, deliverables and milestones reached:

Washington Integrated Sector Employment (WISE) Grant: U.S. Department of Labor Trade Adjustment Assistance Community College and Career Training (TAACCCT) Round 4 Grant
Project Duration: 10/01/2014 – 9/30/2018 (3 ½ years of program activity; 6 months reporting)
Total Project Value: \$9,994,854

Grant Lead: Centralia College and the Center of Excellence for Clean Energy

Consortium Partners: Center of Excellence for Aerospace and Advanced Manufacturing, Everett Community College, Construction Center of Excellence, Renton Technical College, Bates Technical College, Green River College, Shoreline Community College, South Seattle College and Walla Walla Community College.

September 30, 2018 marked the closure of the WISE grant. All final narrative, data and fiscal reports were submitted to the U.S. Department of Labor by year end. All project materials, curriculum and reports developed under WISE were uploaded onto the Skills Commons online resource portal. The project exceeded goals for participant numbers 151% and programs completed 125%. Employed numbers reached 105% or 71% by the Department of Labor limited employment definition. An overview of the project can be viewed at:

<http://cleanenergyexcellence.org/projects/wise/>

Just a few of the many success stories that reflect the amazing work performed by the WISE consortium colleges, Executive Leadership Team and the project as a whole can be viewed at this link.

<http://cleanenergyexcellence.org/wp-content/uploads/2018/09/WISE-Success-Stories.pdf>

This concludes the U.S. Department of Labor TAACCCT Round 4 WISE grant project!!!!!!

Utility Foreman Skill Profile - a collaborative project with the Center of Excellence for Clean Energy Advisory Board, the Power Utility Training Consortium and Washington State University Energy Program

Spring, 2018, The Center of Excellence for Clean Energy hosted a day long focus group session for Power Utility Foremen to identify the work functions, skills and abilities of the occupation. Advisory board members sent representatives from their organizations including Avista Corporation, Bonneville Power Administration, Centralia City Light, Chelan Public Utility District, Clark Public Utility District, Energy Northwest, Tacoma Power, Puget Sound Energy, Seattle City Light and the International Brotherhood of Electrical Workers.

The information gleaned was compiled into a survey format for further validation with industry subject matter experts. 30 responses confirmed the outcomes and a detailed Skill Profile for Utility Foremen in the Pacific Northwest was developed. Skill profiles are critical to improving workforce skills, keeping pace with technological and market changes, enhancing the competitiveness of employers and supporting employee career development.

<http://cleanenergyexcellence.org/wp-content/uploads/2019/01/Utility-Foreman.pdf>

Energy Technology Program Resource Guide

Washington's community and technical college (CTC) system continues to strive to deliver the most current and relevant training and education that meets industry needs. To that end, the programs must evolve to keep up with the industries they serve. The energy industry and its workforce needs are constantly changing to keep up with the pace of new technologies and innovations while still maintaining the aging infrastructure. The challenge for the CTC system is maintaining programs that meet those needs. Great examples of new and redesigned programs are now captured in the updated Center of Excellence for Clean Energy Guide. Programs like Walla Walla Community College Energy Systems where a unified program now serves first year students and allows them to choose a specific discipline in the 2nd year. Shoreline, Centralia, South Seattle, and Cascadia Colleges serve as examples of listening to industry as they "revamp" their programs. The new guide encompasses all of these changes and is available online and in hardcopy.

<http://cleanenergyexcellence.org/wp-content/uploads/2019/01/Energy-Education-Resource-Guide.pdf>

K-12 Pathways - New and Expanded Projects

As a state and a system, we continue to broaden the emphasis on reaching into the K-12 pipeline. Leadership among the energy industry fundamentally aligned with the Washington Career Connect Learning project. <http://www.wtb.wa.gov/careerconnectwa.asp>

These projects included the high school summer program called Energy Pathways was developed and delivered by Avista Utilities in Spokane

<https://www.krem.com/article/news/local/gov-inslee-meets-with-spokane-students-about-their-role-in-avista-energy-program/293-578856394>

A K-12 outreach video was created by Snohomish County PUD.

<http://cleanenergyexcellence.org/educators-trainers/k-12/>

The Foundation for Water Energy Education (FWEE) in partnership with Chelan County PUD offered its second annual STEM Academy at Rocky Reach Dam.

<https://www.wenatcheeschools.org/news/1637958/hydropower-and-stem-career-academy-taking-applications-until-may-4-2018>

Pacific Education Institute (PEI) received funding from the WA Governor's discretionary fund to launch a new project called "Educating for a Green Economy." The Center of Excellence for Clean Energy has been invited to join the project advisory board.

<https://pacifieducationinstitute.org/>