

The Alaska State Energy Sector Partnership (ASESP) Update

The Alaska Department of Labor and Workforce Development, Division of Business Partnerships in conjunction with the Alaska Workforce Investment Board, provides grants for training projects in the Renewable Energy and Energy Efficiency (RE/EE) industries for wind power, hydroelectric, biomass, geothermal and weatherization and rehabilitation of public facilities, commercial facilities and multi-residential facilities. RE/EE jobs require upgrading skills of incumbent workers; teaching new skills to workers in RE/EE technologies and preparing entry-level workers planning to enter RE/EE jobs and careers.

As of June 30, 2012, the ASESP has served 756 participants since the inception of the grant in 2012; 553 participants were served as reported by sub-grantees.

Grant activities for 2012 included continued training of apprentices and journeymen in energy efficiency construction trades skills, Power Plant Operator Training, Weatherization Tech I, Commercial Construction Energy Efficiency curriculum development, Plumbing and Heating Technician, Industrial Electrician, Building Energy Retrofit Technicians (BERT), and solar installation.

Quarterly performance reporting FY13 Quarter 1 must be submitted to ETA by November 14, 2012.

Sub-Grantee Highlights FY13, Quarter 1.

Alaska's Apprenticeship and Training Coordinator (AATCA): training apprentices and journeymen in energy efficiency construction trades skills.

- Mini-grants approved for the following classes: Tower Training for the Alaska Ironworkers Training Program, Pipeline Insulation Training for the Alaska Laborers Joint Apprenticeship and Training Committee, Polished Concrete for the Alaska Trowel Trades Apprenticeship Training Trust, and Power of Insulation for the Alaska Heat and Frost Insulators Joint Apprenticeship and Training Committee.
- Outreach and recruitment
- Other upcoming classes: Alternative Energy Awareness and HVAC Controls

Alaska Energy Authority (AEA) - Power Plant Operator Training

- AEA continues to recruit power plant operators in rural Alaska for training at AVTEC to attain Advanced Power Plant and Hydro Plant certification.

Alaska Works Partnership (AWP) - AWP is developing curriculum for Energy Efficiency for Commercial Construction Workers & Upgraded Weatherization Tech I Training.

- Weatherization Training: Lead Safe Renovator, Weatherization (Wx) Tech I w/ OSHA 10, Blower Door, Building Performance Institute (BPI) Recertification Building Analyst, BPI BA Written and Field Testing
- Commercial Construction Energy Efficiency (CCEE) courses offered through fall 2012.

Alaska's Institute of Technology (AVTEC) training for RE/EE Plumbing and Heating, Wind Technicians, as well as Industrial Electrician, Power Plant Operator, Advanced Power Plant Operator, and Hydro Plant Operator (AEA participants). Current grant activities:

- Plumbing and heating students are learning how install high-efficiency, on-demand water heaters and installation and operations of low flow plumbing fixtures. Also, water distribution systems with circulation loops using highly efficient ECM circulating pumps.
- Industrial Electricity class specializing in Wind continued with NCCER Wind Turbine Maintenance Technician curriculum. Students are being introduced to Industrial Safety, DC Circuits, and Work Standards for Industrial Technicians.

University of Alaska

- Received Green Technician Occupational Endorsement proposal which is under review.

University of Alaska Southeast (UAS)

- Training individuals for residential energy efficiency occupations; Building Energy Retrofit Technician (BERT)

Yukon Inter-Tribal Watershed Council

- Two training courses taking place this fall: In Fairbanks, Northwest Energy Institute - Commercial Building Energy Efficiency and in Galena, Solar Energy International - Solar Design and Installation.