

Known Green Jobs grant applicants as of September 10, 2009 (DRAFT)

State Labor Market Information Improvement Grants

Employment Security Department's Labor Market and Economic Development Unit submitted two grant applications by the August 4 due date, a Washington state labor market information grant and a multi-state consortium labor market information grant.

Energy Training Partnership Grants (Part A and B)

Part A

1. The National office of the International Brotherhood of Electrical Workers (grant applicant) seeks funds to support IBEW regional training centers in Arizona, Kansas, and Washington. In Washington, IBEW will establish a regional wind technician training center in Richland to support wind technician apprenticeship training. Funds will also be used to nationally validate Washington's Wind Technician Skills Standards under development by a Center for Excellence in Energy Technology public/private coalition in partnership with WSU Extension Energy program.
2. The National Building Trades Council may be applying for training funds tied to Seattle's Emerald City Initiative. Little is known about this application.

Part B

1. The Washington State Labor Council, AFL-CIO (grant applicant), seeks funds to address the foundational skill gap for the renewable energy industry. The proposal includes hydro upgrades, biomass, solar PV and wind renewable sectors with industry support from PSE, Tacoma Power and Energy NW and labor support from IBEW and the Labor Council. A good portion of the budget is dedicated to apprenticeship for solar PV and wind development/delivery as well as student support and scholarships to be funneled through the partner WDCs. The Center of Excellence in Energy Technology is included as a subgrantee with the expectation that the Center sub award to the colleges named as well as their sector partners for expenses related to distance delivery and student recruiting. The Veterans Conservation Corp is also included as a recruiting source.

The concept for the community college system in this proposal is using the Center of Excellence in Energy Technology as the conduit for renewable energy program support and any coordination needed among each sector with a lead college as noted i.e. hydro upgrades and bio mass (Centralia), solar PV(Shoreline) and wind (Walla Walla). These lead colleges will be expected to partner with other colleges within their sector on articulations, shared development, distance delivery etc. This is modeled after a Centralia/Wenatchee/Grays Harbor/Peninsula college shared Energy Tech program. Also included is high school outreach with New Market Skills Center serving as lead with the same concept of sharing and replicating with skills centers across the state. New Market will pilot the integration of energy sector foundation skills standards into its Alternative Energy Technology curriculum.

2. The Northwest Energy Efficiency Council (grant applicant), Seattle-King County Workforce Development Council (fiscal agent), and education, workforce, and labor partners in King,

Snohomish, Pierce and Kitsap Counties plan to submit a Part B grant that will provide training for energy efficiency occupations in the green building industry (example: training for commercial energy auditors and building operators). The grant includes investments in on-the-job training for home weatherization, and apprenticeship preparation programs to prepare low-income youth, youth of color, and women for apprenticeship opportunities. The grant will also create a four-county, energy efficiency training network through community and technical colleges. Postsecondary training will include residential energy auditors, commercial energy auditors, building engineers/operators, building inspectors, building commissioning, and energy managers.

3. The Aerospace Machinist Joint Training Committee, a statewide nonprofit organization, seeks Part B grant funds to provide statewide training that puts green concepts and standards into practice to develop an Advanced Green Manufacturing workforce. Training will lead to certificates or degrees for machinists, mechanics, tool and die makers and composites. Partners include the Washington Apollo Alliance, Washington Manufacturing Services, community and technical colleges, the International Association of Machinists and Aerospace Workers District Lodges 751 and 160, the Martin Luther King County Labor Council, AFL-CIO, the Manufacturing Industry Council and several committed employers.
4. The Western States Operating Engineers Training Institute may be applying for funds to offer renewable energy skills training to equipment operators and crane operators.

* An Oregon Manufacturing Extension Partnership intends to apply for Part B grant funds. Unemployed individuals and incumbent workers will receive training related to retooling of manufacturing processes of suppliers serving the renewable electricity market. Nine Oregon counties are included as well as Washington state's Clark, Cowlitz and Wahkiakum Counties. Washington's participation is lead by the Washington Manufacturing Service and the Southwest Washington Workforce Development Council.

Pathways Out of Poverty Grants

Part A. Pathways Out of Poverty Grants with National Non-profit Entities

Grant Applicant Organization Name: Wider Opportunities for Women

Note: Southwest Washington Workforce Development Council is one of several partners in this national, multi-state grant application

Through this joint effort with Wider Opportunities for Women and local partners SWWDC and Clark College, Oregon Tradeswomen, Inc. will recruit 40-50 low-income women who may be unemployed, female youth, ex-offenders or veterans, train and support them through a 6-week state-certified pre-apprenticeship program for careers in the emerging green technologies of the building, construction, mechanical, technical or utility trades, with 27-34 women graduating from training and 67% entering trades employment and receiving retention services. The geographical area(s) to be served through the grant: PUMA 02220 – City of Vancouver. The primary partners to the grant including employers who are likely to hire the project's trainees:

- Oregon Tradeswomen Inc
- Southwest Washington Workforce Development Council
- WorkSource Vancouver
- Clark College

- Other similar organizations in Cleveland, Chicago, Los Angeles, and Washington DC
- Area construction, weatherization, and solar installation employers

Part B. Pathways Out of Poverty Grants - Local Entities

1. The South Central Workforce Development Council (Yakima, Kittitas, Klickitat, and Skamania Counties) will be the lead applicant and focus on renewable energy training for wind technicians, welders, HVAC, millwrights, and solar installers. Target population: Dislocated workers, disadvantaged adults, veterans, high school dropouts, and older workers. The project will develop an I-BEST “weatherization” component for green jobs involving Yakima Valley Community College, Perry Technical Institute, and Walla Walla Community College. The Carpenter’s Union, the Yakama nation, Puget Sound Energy, and Nine Canyons are partners. Future solar installation development in the Cle Elum area and Yakama Nation water conservation also will be targeted.
2. The Metropolitan Development Council, the lead applicant in Tacoma, seeks funds to provide training leading to green/sustainable certifications including energy efficient building, retrofitting, deconstruction, weatherization, transportation, and environmental mitigation. The project will cover PUMA #1400. Target populations include veterans, women, and individuals over 50. The five community/technical colleges in Pierce County, the Pierce County Building and Construction Trades Council and the WDC will be partners. The application is for \$2 million and will serve 400 individuals with a 70% placement rate.
3. The Workforce Development Council of Seattle-King County is applying as the lead organization for funding from the Department of Labor to train and employ up to 400 low-income and unemployed individuals in the Seattle-King County area. The platform is based on building towards jobs in the energy efficient building, construction and retrofit industries, and deconstruction and materials use. The project will achieve its success through a strong partnership with City of Seattle and King County Housing Authorities, labor organizations, grass-roots and community development partners, education and training institutions, the Workforce Development Council of Seattle-King County, and local lawmakers.

Utilizing a four-tiered approach, the project will focus its effort on training and employing individuals who currently live in the geographic area beginning in southeast Seattle and extending slightly beyond the White Center area who have dropped out of high school, are currently unemployed, adults with limited English speaking ability, and individuals who have been previously incarcerated. The project design will effectively link with current and upcoming ARRA investments throughout King County and prepare participants for employment within these opportunities as they come on-line. Both King County and Seattle Housing Authorities have upcoming green residential construction, deconstruction, and weatherization projects and will utilize their Section 3 agreements with contractors to ensure job opportunities are made available for participants trained and supported through this effort. Currently KCHA and SHA have identified approximately 120 job opportunities through these projects during the term of this grant.

Participants will receive targeted work readiness, education, training, placement, and retention support in pathways to include: Deconstruction, Construction, Weatherization, Brownfields, and support jobs associated with each of these areas. By building on existing relationships within the defined community, the program will link individuals to multiple green pathways to employment.

In Tier 1, the project will guide participants by initially introducing them to the various opportunities in the identified fields through community outreach sessions. Ideally these sessions are both recruitment points as well as a catalyst for community information and community change as it relates to incorporating energy efficient practices and behaviors into the community.

Tier-two will consist of a general hands-on introduction course to a broad spectrum of careers within these fields. Participants will be assessed for skills and interests at this point in the program model. Tier two also involves the engagement of green navigator(s) who are well versed in the trades and can help direct participants.

Tier three will connect participants to pre-apprenticeship and academic remediation for individuals who do not have the basic skills necessary for the apprenticeship and/or direct employment they are working towards through ANEW and SVI. Participants who are work-ready may also connect to employment through direct entry into Apprenticeship within the Building Trades.

Tier four involves job placement and on-going support to ensure job retention.

****The intent is to include pathway opportunities within green manufacturing as a secondary pathway for this application and the WDC is currently exploring design models with representatives from Pioneer Human Services and the Aerospace Joint Apprentice Committee*

The primary partners to the grant including employers who are likely to hire the project's trainees: Seattle and King County Housing Authorities (employer and CBO), WDC Seattle-King County, Building and Construction Trades Council, Carpenters Union, Port Jobs, ANEW, SVI, SSCC, and CBO's within the target geographical area (TBD) to provide outreach and case management.

4. Walla Walla Community College (WWCC) Green Works Project will provide job readiness education and training specifically needed for existing and emerging green-collar employment. The pathway has three stages: 1) recruitment of students and assignment of a case management team; 2) preliminary **I-BEST instruction** and primary green career and occupational training; and 3) job placement and retention.

Referrals to the program will occur by drawing from students enrolled in existing education programs at WWCC and also with the assistance of several partners, including WorkSource. The target populations will include unemployed workers, a large inmate and pre-release population, the Confederated Tribes of the Umatilla Indian Reservation (CTUIR), as well as other disadvantaged and at risk individuals.

Partners currently include industry representatives and advisory boards from each energy occupations, WorkSource staff and Department of Health and Social Services representing the 5 county PUMA region, the Blue Mountain Action Council (BMAC), Community Action Partners, and the Confederated Tribes of the Umatilla Indian Reservation Department of Natural Resources (CTUIR DNR).

State Energy Sector Partnership and Training Grant

The Workforce Board (grant applicant) submitted a State Energy Sector Grant to the U.S. Department of Labor on October 16, 2009. The Evergreen Jobs Leadership Team will serve as the grant's "State Energy Partnership Team." The grant includes a State Energy Workforce Strategic Plan identifying Washington's energy sector strategies for training workers in the energy efficiency and renewable energy industries. Grant funds will be used to deliver training in energy efficiency occupations.

The Washington State Building and Construction Council, AFL-CIO, will be a primary partner. The Council will make use of its non-profit "Build It Smart" affiliate to enhance and further develop the green/sustainability training offered through existing building and construction trades apprenticeships that perform work related to energy efficiency or key environmental protection elements. The greatest concentration of energy efficiency jobs are in Washington's urban counties. Training will be primarily focused in King, Snohomish, and Spokane Counties though there will be a statewide training reach.

Seattle-King County WDC, Snohomish County WDC, and the Spokane Area WDC will be the substate grantees. In addition to the "Build It Smart" green/sustainability apprenticeship training component, grant funds will also be used to support energy efficiency training projects selected by the three WDCs.

[Executive Summary](#)

Green Capacity Building Grants

The Snohomish County Workforce Development Council is a current YouthBuild program grantee. The WDC submitted a Green Capacity Building grant on August 5 seeking funds to provide integrated academic and green construction training to YouthBuild participants and to ARRA AmeriCorps participants involved in weatherization projects in Snohomish County.