

Green Jobs 2010/11 Award List and Project Summaries

On June 30, 2011, grants were awarded to five organizations under the Green Jobs 2010/11 Solicitation for Proposals to promote the need for skilled workers in the green industry. Project descriptions, award amount, and contact information are listed below. Award decisions are final.

Awardees	County	Award Amount
Kern/Inyo/Mono Consortium	Kern	\$484,177.00
Laney College - Peralta Community College District	Alameda	\$494,687.00
Marin County	Marin	\$399,504.00
North Central Counties Consortium	Sutter	\$500,000.00
Palo Verde College	Riverside	\$500,000.00
Total		\$2,378,368.00

Another five agencies, in collaboration with the California Labor Federation, were awarded grants and will be tasked with aligning strategies and resources emerging from the Clean Energy Workforce Training Program, the largest state-sponsored green workforce development effort in the nation (a partnership of the Employment Development Department, the California Energy Commission and the California Workforce Investment Board). Project descriptions, award amount, and contact information are listed below. Award decisions are final.

Awardees	County	Award Amount
College of the Desert	Riverside	\$600,000.00
Imperial Valley College	Imperial	\$600,000.00
Richmond City	Contra Costa	\$600,000.00
Sacramento Employment Training Agency	Sacramento	\$600,000.00
San Bernardino Community College District	San Bernardino	\$600,000.00
Total		\$3,000,000.00

Kern/Inyo/Mono Consortium
1600 E Belle Terrace
Bakersfield, CA 93307

Contact:

Verna Lewis
(661) 336-6893

Award: \$484,177

Industry of Focus:

Green Building, Energy Efficiency and Energy Generation

Targeted Participants:

A total of 120 unemployed or underemployed workers will participate in the Building Performance Institute (BPI) Building Analyst training certificates.

Key Partners:

Employers' Training Resource will work with the Kern Community College District; the Kern, Inyo, Mono Building Trades Council; and member of trades including the Bricklayers, Local # 4; the Cement Masons, Local # 600; the International Brotherhood of Electrical Workers, Local # 428; Roofers, Local # 27; and the Sheet Metal Workers' International Association, Local # 105.

Project Description:

The Employers' Training Resource Green Building Trades Pre-Apprenticeship builds on two existing programs; Clean Energy Workforce Training Program, and the Employers' Training Resource (Kern, Inyo, Mono Local Workforce Area). A pre-apprenticeship program will provide training for utility workers and utility-scale solar and wind technicians. The Kern, Inyo, Mono Building Trades Council members will offer participants the opportunity to explore and prepare for preferential consideration of their apprenticeship application. Apprenticeships and pre-apprenticeship programs will also be available for journeymen.

Expected Outcomes:

The Green Building Trades Pre-Apprenticeship Program will train 120 unemployed workers and 20 incumbent workers and assist them in selecting and applying for green building trades and apprenticeship programs that will prepare them for a career in the building and construction trades. Participants will have the opportunity to obtain additional training in energy efficiency, energy generation, or on-the-job training with area employers. The program will provide BPI Building Analyst training for 20 existing journeymen or apprentices. Ninety percent will complete training and attain industry recognized certificates. Eighty percent of unemployed and underemployed workers will be placed in unsubsidized employment with employed workers and 90 percent of the incumbent workers will be retained in employment for six months or longer.

Laney College–Peralta Community College District
900 Fallon Street
Oakland, CA 94607

Contact:

Emily Courtney
(510) 464-3380

Award: \$494,687

Industry of Focus:

Solar Photovoltaic – residential & commercial. Employment opportunities: Solar Design, Sales, Estimation, Administration, Project Management and Installation. Energy Efficiency – residential & light commercial. Employment opportunities: Energy Efficiency Sales, Customer Service, Administration, Program Management, Financial Analysis and Auditing.

Targeted Participants:

In an effort to create pathways into good green jobs, the program will provide training opportunities to 168 unemployed or underemployed job seekers. Participants will train in solar and energy efficiency. Pre-apprenticeship courses and Building Analyst courses will also be provided.

Key Partners:

Collaborating partners on this project include: Oakland Workforce Investment Board, Cypress Mandela Training Center, International Brotherhood of Electrical Workers, Efficiency First, SolarTech, Swords to Plowshares, Grid Alternatives, Sungevity, Community Energy Services Corporation, Sun's Free Solar, Sun Light & Power, and Advanced Home Energy.

Project Description:

This project will employ an industry sector strategy as the framework for addressing the need for skilled workers in the green industry and focus on education and training in clean energy careers, solar design, sales and installation, energy efficiency sales and auditing, BPI Building Analyst Training, and construction pre-apprenticeships. The program will also focus on the development of courses in entrepreneurship for the green economy and on-campus social enterprise projects to generate field learning opportunities and sustainable revenue streams for programs.

Expected Outcomes:

Of the 168 individuals who will be trained, 143 will complete a certification program, 45 will enter a pre-apprenticeship program, and 30 will complete the program. A total of 110 participants will be placed in unsubsidized employment, 108 will retain employment for more than six months and 15 students will enter a registered apprenticeship program.

Marin County
120 N Redwood Drive, Suite E332
San Rafael, CA 94903

Contact:
Mary Donovan
(415) 473-3315

Award: \$399,504

Industry of Focus:

This program will address six target sectors of the green economy: 1) green building (upgrades and retrofits), 2) renewable energy (solar photovoltaic design, installation and sales), 3) clean transportation (clean vehicle technology), 4) water and waste water, 5) energy efficiency, and 6) green business services.

Targeted Participants:

The Project GREEN #2 target populations are: unemployed, underemployed, and incumbent workers, with an emphasis on the unemployed and underemployed sectors.

Key Partners:

The Marin County Workforce Investment Board will act as the lead agency and project coordinator, with Solano, Napa and Sonoma counties serving as the regional area for participants identified by labor, One-Stops and community partners, and the community colleges. College of Marin, International Brotherhood of Electrical Workers (Local 551), Sheet Metal Workers Local 104, Marin County Building and Construction Trades Council, International Association of Plumbers and Mechanical Official/Green Plumbers, Marin Builders Association and Marin Municipal Water District. All the partners are dedicated to environmental sustainability and have successfully leveraged resources and provided industry partner support for pre-apprenticeship programs and placements.

Project Description:

The project will consist of an aggressive outreach and recruitment program with a client centered approach to development. The training sequence will have a foundation in environmental literacy and conservation. Learning pathways will build on the foundation with soft skills, math remediation, job search and support services.

Expected Outcomes:

Project GREEN #2 will enroll 100 participants, with 85 of those being unemployed, particularly long term unemployed and underemployed. Fifteen incumbents will be selected depending on their background, skills and experience. The project will place all 100 in training; with 50 in career technical training and 20 in community college coursework. Key labor partner will absorb 15 apprentices into their ranks. Eighty percent of all the workers will be placed into unsubsidized employment.

North Central Counties Consortium
422 Century Park Drive, Suite B
Yuba City, CA 95991

Contact:

Nancy Crooks
(530) 822-7145

Award: \$500,000

Industry of Focus:

Water & Wastewater – a high growth/high demand green industry. Employment of water and liquid waste treatment plant and system operators is expected to grow by 20 percent between 2008 and 2018, much faster than the average for all occupations in the region.

Targeted Participants:

Unemployed, underemployed and incumbent workers; priority of service will be given to veterans.

Key Partners:

North Central Counties Consortium (NCCC) Workforce Investment Board, NCCC One-Stop Career Centers (in Colusa, Glenn, Sutter and Yuba counties), Yuba Community College District, International Union of Operating Engineers Local 39 Training Department, Yuba Sutter Economic Development Corporation – Business Expansion and Retention Program (Industry Leaders).

Project Description:

The Water Treatment Operations Project will facilitate the attainment of the necessary skills and competencies to enter employment or a registered apprenticeship in the green industry of water or wastewater. All participants will receive case management, aptitude and basic skills assessment, skills training, supportive services, job search assistance and referral to registered apprenticeship programs.

Expected Outcomes:

The Water Treatment Operations project will serve 50 participants, 45 who will be placed in education or training, 37 will attain a recognized certificate/degree, 29 will be placed in unsubsidized employment, 24 will retain employment, and 23 will enter a registered apprenticeship.

Palo Verde College
1 College Drive
Blythe, CA 92225

Contact:

Dr. James Hottois
(760) 921-5507

Award: \$500,000

Industry of Focus:

Energy Generation, Green Building and Energy Efficiency.

Targeted Participants:

The Green Jobs program will target 100 unemployed adults, 18 years of age or older, seeking to gain or upgrade their job skills for employment in the Core Green Economy.

Key Partners:

Palo Verde College has cultivated formal regional partnerships with diverse organizations in key areas: Riverside County Workforce Investment Board; Riverside County Economic Development Agency-Workforce Development Division; University of California Riverside, Extension; California State University San Bernardino, College of Extended Learning; International Brotherhood of Electrical Workers Local 440; GRID Alternatives; U.S. Green Building Council; and First Solar.

Project Description:

Palo Verde College will use a sector-based strategy bringing together the local Workforce Investment Board, academic institutions, labor organizations, employers, key industry leaders and community based organizations to address two priorities: the needs of unemployed workers to secure good jobs, and the needs of employers for skilled workers to fill occupations in the local Green Economy. The program provides short-term industry-specific training for green jobs and is designed as a gateway for individuals to enter registered apprenticeship programs or employment in apprenticeable occupations.

Expected Outcomes:

Of the 100 participants served, 90 will be placed in education or training, 72 will complete training, 70 will attain a recognized certificate/degree, 73 will be placed in unsubsidized employment, with 60 retaining employment, 45 will enter either one of the two registered apprenticeships available with annual average earnings of \$12,500.

College of the Desert
143-500 Monterey Avenue
Palm Desert, CA 92260

Contact:

Mr. Larry McLaughlin
(760) 773-2595

Award: \$600,000

Industry of Focus:

The College of the Desert (COD) will focus on the construction, energy, and utility sectors involved with Building Performance Retrofitting, Energy Audits and Home Rating, Resource Conservation or Energy Efficiency, and Solar PV/Thermal in Residential, Commercial, and Utility-Scale applications.

Targeted Participants:

The COD project will provide training services to unemployed/underemployed workers preparing them for job opportunities and apprenticeships in construction trades related to the target industries. The project will serve incumbent workers to enhance their skills for job and wage advancement, fill new jobs created by employer partners within the service region, or allow employers to retain workers in jobs that are impacted by new energy/efficiency requirements.

Key Partners:

The COD will work closely with the San Bernardino-Riverside Building and Construction Trades Council to conduct project education and training offerings within a pre-apprenticeship model, addressing both basic and technical skills required for green job functions within the construction and energy-related trades. The COD will also work with the Employment Development Department, California Energy Commission, and Riverside Economic Development Agency/Workforce Development, as well as its industry partners established under the State Clean Energy Workforce Training Program (CEWTP) program, to effectively deliver relevant knowledge and skills in support of green industry job growth.

Project Description:

The COD will assess industry needs within the Inland Empire and Desert Region, establish training services that prepare workers for anticipated green technology jobs, and partner with the regional Building and Construction Trades Council to align these programs with related trades and serve as pre-apprenticeship experiences. The COD will assist with regional outreach and recruitment, case management, placement, and client tracking necessary to ensure full program enrollment and monitor program outcomes. The COD will conduct incumbent training with companies such as Solar Millennium, First Solar, NextEra, and local residential/commercial energy efficiency contractors.

Expected Outcomes:

Eighty-six individuals will be placed in education or training, 78 will complete training, 70 will attain a recognized certificate/degree, 87 will be placed in unsubsidized employment, 60 will retain employment, and 54 will enter a registered apprenticeship program.

Imperial Valley College
380 East Aten Road
Imperial, CA 92251

Contact:

Martha Garcia
(760) 355-6136

Award: \$600,000

Industry of Focus:

The Industry focus for Project B-GREEN II is Building Performance Retrofitting, Energy Audits, Home Rating, Energy Efficiency and Energy Auditing.

Targeted Participants:

Target participants for Project B-GREEN II will include youth and adults 18 years and older who are unemployed, underemployed or veterans. They will have little or no construction experience. Our goal is to serve participants who come from the following special needs populations: at-risk and foster youth, individuals from households with an income 50 percent below the county's median income, the chronically unemployed, and recipients of public assistance.

Key Partners:

Imperial Valley College (IVC) has engaged a large number of partners and supporters for projects related to renewable energy, most significantly with the local Imperial County Workforce Development Organization. Furthermore, the GREEN Employer Council was established as an advisory committee for the Clean Energy Workforce Training Program and Project B-GREEN and will oversee Project B-GREEN II. The GREEN Employer Council consists of the following: Imperial County, Imperial County Workforce Development Organization, Imperial Valley College, CalEnergy Operation Corporation, San Diego Gas & Electric, SunEco Energy, Imperial Valley Economic Development Corporation, Regional Occupational Program, P-16 Council, Imperial County Office of Education, Office of Assembly Member Manuel Perez, Bethel Energy LLC, Ormat Technologies, Inc., Advanced Construction Experts, Imperial County Building Trades Council, Partnership for Environmental Progress (PEP), International Brotherhood of Electrical Workers, and United Association of Plumbing & Pipefitters.

Project Description:

Project B-GREEN II is an Energy Efficient Program in which participants will complete 24 college credit units and earn an Energy Efficiency Technology Certificate, which is approved by the California Community Colleges Chancellor's Office. The courses are composed of the following: Environmental Science, Safety Standards 30 hour card, Construction Blueprints, Specifications, Measurements and Codes, Home Energy Rating Systems, Solar Thermal and Water Efficiency, Essentials of Efficient Green Construction, Home Performance Retrofits, and Solar Energy Systems.

Expected Outcomes:

Forty of the participants will be placed in education or training, 32 will complete training, 32 will attain a recognized certificate/degree, 28 will be placed in unsubsidized employment, 28 will retain employment, and 5 will have entered a registered apprenticeship program.

Richmond City
330 25th Street
Richmond, CA 94840

Contact:

Sal Vaca
(510) 307-8006

Award: \$600,000

Industry of Focus:

Construction, Green Building (Energy Auditors, Building Analysts, Retrofit & Lighting Analysts, Solar Installers), and Project Management.

Targeted Participants:

The project will target 100 eligible Workforce Investment Act (WIA) Adult and Dislocated Workers.

Key Partners:

The RichmondBUILD Green Careers Academy has developed strong and formal partnerships with the Carpenters Joint Apprenticeship Training Committee for Northern California, Rising Sun Energy Center, Contra Costa College, Net Electric and a host of industry employers to provide high quality training, leading to industry recognized certificates, direct entry into the Carpenters Apprenticeship program, and direct entry into employment via the City of Richmond's First Source hiring agreements.

Project Description:

The RichmondBUILD Green Careers Academy will provide training for 100 eligible WIA Adult and Dislocated Workers in the areas of construction skills (including Green Building standards), Energy Efficiency, and Energy Applications with an emphasis on Lighting, Electrical, and Project Management in the Green Industry. These training components will provide or lead to an industry recognized certificate and a direct pathway into a registered apprenticeship program. The RichmondBUILD training model integrates basic skills with technical skills through our community-based partnerships with Contra Costa College and member unions of the Building Trades.

Expected Outcomes:

Of the 100 participants served, 85 will complete training, 85 will attain a recognized certificate/degree, 68 will be placed in unsubsidized employment, 55 will retain employment, and 43 will enter a registered apprenticeship program.

Sacramento Employment Training Agency**925 Del Paso Boulevard****Sacramento, CA 95815****Contact:**

Robin Purdy

(916) 263-3860

Award: \$600,000**Industry of Focus:**

Pre-apprenticeship and upgrade skills training to prepare workers for commercial retrofit, energy efficiency and infrastructure sectors in the following trades: Electrician (Energy Systems Technicians, Solar Installer, and High Efficiency Lighting), Plumber and Pipefitters, Carpenters, Sheet Metal Workers, and Laborers.

Targeted Participants:

Unemployed adults and dislocated workers, with emphasis on veterans, CalWORKs recipients, and long term unemployed.

Key Partners:

Sacramento Employment and Training Agency (SETA)/Sacramento Works, Inc. administers the WIA and Green Innovations grants. SETA will continue to engage and enhance the "green" partnerships that include training providers, organized labor, employers and local government. American River College (ARC) conducts, in cooperation with the local construction unions, a number of apprenticeship programs, most of which can lead to an Associates of Arts degree. ARC has also developed a pre-apprenticeship program to prepare students to enter apprenticeship programs in green building and infrastructure/ transportation projects. Sacramento Area Electrical Training Center (SAETC) is the Joint Apprenticeship Training Council for the International Brotherhood of Electrical Workers and Sacramento Chapter of National Electrical Contractors. SAETC coordinates a pre-apprenticeship program and several advanced electrical, lighting and energy efficiency trainings. Valley Vision is the managing partner for the Green Capital Alliance providing the "green employer" oversight to ensure that programs reflect relevant training for real world jobs. The Green Capital Alliance seeks to make the burgeoning clean technology sector a defining feature of our economy and ensure the region continues to be a leader in sustainability.

Project Description:

SETA, in partnership with the above and other appropriate training partners, will provide pre-apprenticeship and upgrade skills training to prepare a trained workforce for the energy efficiency, electrical, commercial and industrial, and green building and retrofit sectors. SETA will be responsible for the program administration and coordination of all participant services including recruitment, assessment, enrollment, case management, participant tracking, delivery of support services and job development. SETA also coordinates with local and regional employers by providing job postings, recruitment events, and referral of screened and qualified applicants, on-the-job training, and financial incentives. This funding will also continue to support Green Employer Industry Advisory services which include employer and community roundtables and in-service training on the green economy.

Expected Outcomes:

Of the 150 participants served, 112 will complete training, 105 will attain a recognized certificate, 105 will be placed into unsubsidized employment, and 120 will retain employment.

San Bernardino Community College District
114 South Del Rosa Drive
San Bernardino, CA 92408

Contact:

Mr. Robert Levesque
(909) 206-7668

Award: \$600,000

Industry of Focus:

Existing residential and commercial properties, new construction sites and manufacturing environments will be targeted with the emphasis placed on Building Performance Retrofitting by incorporating 'smart', lean and green technologies. Methods such as Energy Audits, Home Rating Systems, Resource Conservation, Energy Efficiency, Weatherization and Solar Panel/Photovoltaic installation.

Targeted Participants:

The targeted population will consist of unemployed workers, dislocated workers and incumbent workers who are Workforce Investment Act eligible and reside in San Bernardino County.

Key Partners:

The San Bernardino Community College District was a successful training provider in the Clean Energy Workforce Training Program sponsored through Employment Development Department, Workforce Investment Act and the California Energy Commission. The San Bernardino County Workforce Development Department will provide outreach and recruitment. In addition, the non-profit community based organization 'Uncommon Good' and the United States Green Building Council will provide input in curriculum design and help place participants through their employer network.

Project Description:

A total of 120 clients will successfully complete up to 400 hours of training that will satisfy the entry level requirements for acceptance into a registered apprenticeship program; an advanced academic training program; or employment in a green job. Training therefore, will be provided in environmental literacy, green building standards, logistics, energy efficiency, retrofits, water efficiency weatherization, basic skills and job search activities. The predominant focus of the training will be on the integration of technical and basic skills.

Expected Outcomes:

Of the 120 clients, 108 will be placed in education or training, 90 will complete training, 90 will attain a recognized certificate/degree, 68 will be placed in unsubsidized employment, 61 will retain employment, and 24 will enter a registered apprenticeship program.