



Grant Program:	Healthcare Sector and Other High Growth and Emerging Industries
Grantee Name:	Kern Community College District (KCCD)
Grantee City/State:	Bakersfield, CA
Grant Award Amount:	\$2,768,572
Initial Period of Performance:	March 2010 - February 2013
Project Name:	Southern Sierra Clean Energy Collaborative's Re-employment Project
Project Description:	The grantee will train unemployed, dislocated, and incumbent workers for technician and construction employment in the renewable energy industry. Participants will complete training in three renewable energy industry occupations that include: utility worker, wind technician, and solar technician. The project will provide hands-on industry training through classroom training, on-the-job-training/work experience, and occupational-specific group field training experiences with local employers.
Areas Served by Grant:	Kern County: Bakersfield, Delano & Ridgecrest (urban); Arvin/Lamont, California City, Shafter, Taft, Tehachapi & Wasco (rural); Tulare Co.: Porterville (urban); Mono Co.: Bishop, Lone Pine, Big Pine & Independence (rural); Inyo Co.: Mammoth Lakes (rural)
Targeted Industries:	Renewable Energy Generation, Transmission and Distribution
Targeted Credentials:	Project participants who complete training will be provided with an industry-recognized certificate.
Targeted Occupations:	Operation and Maintenance Technicians, Utility Workers, Construction Workers, Wind Techs, Solar PV Techs, Solar Concentrating Thermal Power (CSP)/Thermal Techs
Targeted Populations:	Unemployed, dislocated, and incumbent workers





<p>All Project partners:</p>	<p>Kern Inyo Mono Workforce Investment Board, Tulare Workforce Investment Board, Albiassa, NextEra Energy Resources, Terra-Gen Power, Southern California Edison, California Wind Energy Association, Independent Energy Producers Association, Kern Economic Development Corporation, Green Employer Council, Career Technical Education/Tech Prep Collaborative, Kern County High School District - Adult Education Regional Occupational Program, Bakersfield, Cerro Coso & Portersville Colleges, Taft College/West Kern District, U.C. Davis California Wind Energy Collaborative, Sheet Metal Workers International Association Local 105, The Housing Authority of County of Kern, the County of Kern Engineering and Survey Services Department and County of Kern Engineering General Services Division, Southern Sierra Clean Energy Collaborative, Southern California Edison</p>
Projected outcomes:	
<p>Total number of participants served:</p>	<p>650</p>
<p>Total number of participants beginning education/training activities:</p>	<p>650</p>
<p>Total number of participants completing education/training activities:</p>	<p>600</p>
<p>Total number of participants who complete education/training activities and receive a degree/certificate:</p>	<p>600</p>
<p>Total number of participants who complete education/training activities and are placed into unsubsidized employment:</p>	<p>565</p>
<p>Total number of participants who complete education/training activities and are placed into training-related unsubsidized employment:</p>	<p>485</p>
<p>Total number of participants placed in unsubsidized employment who retain an employed status in the first and second quarters following initial placement:</p>	<p>525</p>





<p>Other Key Project Deliverables:</p>	<p>Project deliverables include:</p> <ol style="list-style-type: none">1. American Wind Energy Association (AWEA) - aligned wind technician curriculum including with industry-requested hydraulics, troubleshooting, PLCs, and re-powering topics.2. DACUM (Developing A CurriculUM) /WorkKeys Job Task Analysis for entry level utility-scale solar PV and Concentrating Thermal Power (CSP) /Thermal technicians and wind energy production analysis skills.3. Realigned solar PV and CSP/Thermal curriculum. Updated curriculum modifications and alignment with industry and AWEA national training standards will be vetted by industry and academic partners, the Green Employer Council and industry experts.
<p>Contact Information:</p>	<p>John M. Means 2100 Chester Avenue Bakersfield, CA 93301 jmeans@kccd.edu</p>

