



Grant Program:	State Energy Sector Partnership
Grantee Name:	State of Oklahoma
Grantee City/State:	Oklahoma City, OK
Grant Award Amount:	\$6,000,000
Initial Period of Performance:	January 2010 – January 2013
Project Name:	Oklahoma Green
Project Description:	The grantee will train Oklahomans for energy efficiency and renewable energy jobs that pay above the state’s per capita income. The project will create a Center of Excellence for Energy Innovation at Tulsa Community College Northeast Campus, to provide state-of-the-art practical applications in building retrofitting and green landscaping. The Center will serve as a regional model for sustainability and a resource hub for emerging energy technologies, best practices, innovative curriculum, and training opportunities. The project will also provide “Lean and Green” training to Oklahoma incumbent workers and their employers.
Areas Served by Grant:	Oklahoma statewide
Auto-Impacted Counties Served:	Oklahoma and Marshall
Targeted Industries:	Energy Efficiency/Renewable Energy, Construction, Aerospace, Health Care, and Advanced Manufacturing
Targeted Credentials:	Proposed training activities include a number of courses at a variety of training institutions that can lead to industry-recognized credentials, associate degrees, bachelor’s degrees, registered apprenticeship certification, and Career Technology certifications. Credentials include: Associate of Applied Science degree for wind turbine technicians through the Oklahoma State University at Oklahoma City; Wind Turbine Technician Certificate through Oklahoma City Community College or the Francis Tuttle Technology Center; Associate Degree in Alternative Energy through Oklahoma City Community College; Wind Energy Technician Certificate through the high Plains Technology Center; Associate Degree in Construction Technology – High Voltage through Oklahoma State University Institute of Technology; Bachelor’s Degree in Advanced Biofuels topics through the OSU College of Agricultural Sciences and Natural Resources; Bachelor’s Degrees in Advanced Biofuels topics through the OSU College of Engineering’s School of Biosystems and Agricultural Engineering; Solar PV Technician Program through Oklahoma City Community College; Certified PV Installer Certification through the North American Board of Certified Energy Practitioners; Compressed Natural Gas (CNG) Technician Program developed by the Oklahoma State Department of Career and Technology Education; Department of Labor





	<p>Certification through apprenticeship training through the Heat & Frost Insulators Local #94 and Local #64; Weatherization Certification through the Building Performance Institute (BPI); Leadership in Energy and Environmental Design (LEED) Certification through Career Tech CleanEdison and other providers; Lean and Green Implementation Certificate through the University of Oklahoma’s Lean Institute; National Center for Construction Education and Research (NCCER); Operator Qualification through the Central Technology Center; Certified Energy Auditor through the Building Performance Institute(BPI); Certified Geothermal Installer, Planner/Designer, Certified Thermograph and other applicable certifications through the International Ground Source Heat Pump Association</p>
<p>Targeted Occupations:</p>	<p>Building Retrofitting: Construction Managers, Heating/Air Conditioning Installers, Carpenter Helpers, Industrial Truck Drivers, Building Inspectors, Insulation Workers, Roofers, Construction Equipment Operators, Carpenters; Mass Transit/Freight Rail: Welders, Engine Assemblers, Dispatchers, Civil Engineers, Railroad Conductors, Bus Drivers, Rail Track Layers, Locomotive Engineers; Wind Power: Sheet Metal Workers, Iron and Steel Workers, Environmental Engineers, Electrical Equipment Assemblers, Industrial Truck Drivers, Construction Equipment Operators, Industrial Production Managers; Solar Power: Welders, Construction Managers, Installation Helpers, Industrial Machinery Mechanics, Electrical Equipment Assemblers, Electrical Engineers, Construction Equipment Operators Advanced Biofuels: Mixing and Blending Machine Operators, Chemists, Industrial Truck Drivers, Farm Product Purchasers, Chemical Engineers, Chemical Technicians, Chemical Equipment Operators, Agricultural Workers; Smart Grid: Assemblers, Electrical Equipment Technicians, Electrical Equipment Assemblers, Electrical Power Line Installers and Repairers, Electrical Engineers, Computer Software Engineers, Construction Laborers, Construction Equipment Operators</p>
<p>Targeted Populations:</p>	<p>Unemployed workers and incumbent workers</p>
<p>All Project partners:</p>	<p>Governor’s Council for Workforce and Economic Development, Oklahoma Department of Commerce, U.S. DOL – VETS, OG&E Energy Corporation, Tulsa Workforce Investment Board, Oklahoma Department of Career and Technology Education, U.S. Department of Labor/ETA, State of Oklahoma, Oklahoma Conference – United Methodist Church, The Boeing Company, Arbor Education and Training LLC., Oklahoma AFL-CIO, M-D</p>





Building Products, Citycare Inc./Location Service Inc., Oklahoma State Regents for Higher Education, Public Service Company of Oklahoma, Conoco-Phillips, Central States Business Forms, Nupar Manufacturing, Newell Coach Corp., Tri County Technology Center, Job Training Northeast, Oklahoma State University-Okmulgee, Kiamichi Electric, Kiamichi Opportunities, D.J. Fundraising, Adult Literacy, Ne Oklahoma Labor Council, Inverness Village, Arts and Humanities Council, Paul Davis Restoration, American Airlines, Union Public Schools, SemGroup, Gourmet-On-The-Go, City of Tulsa, OGE, State Farm Insurance, SACC-EZ, Muskogee Phoenix, First National Bank-Okmulgee, Cherokee Nation, Connors State College, Packaging Corp. of America, Green County Technology Center, Muskogee County Commissioners, Hitch Enterprises, Bank of Beaver City, Oklahoma Employment Security Commission, PREDCI, OG&E, Kiamichi Area Career Technology, Weyerhaeuser, Orchids Paper Products, Rural Opportunities ORO, Community Action Resource and Development, Economic Development-Tulsa Metro Chamber, Hall Estill law Firm, ONG, OSU Institute of Technology, Big Five Community Services, Inc., Oklahoma Natural Gas, Continental Resources Inc., Autry Technology Center, Community Development Support Associates, Phillips Murrah P.C., Oklahoma Progress Inc., Bergey Windpower, Oklahoma State University – OKC, International Environmental Corp., Mills Machine Co., ExxonMobil, Enviro Systems Inc., Shawnee Public Schools, Youth and Family, Western Farmers Electric Cooperative, Cotton Electric Cooperative, Canadian Valley Technology Center, Key Energy, AEP/PSO, High Plains Technology Center

Projected outcomes:	
Total number of participants served:	1200
Total number of participants beginning education/training activities:	1200
Total number of participants completing education/training activities:	1100
Total number of participants who complete education/training activities and receive a degree/certificate:	1100
Total number of participants who complete education/training activities and are placed into unsubsidized employment:	1050
Total number of participants who complete education/training activities	1000





and are placed into training-related unsubsidized employment:	
Total number of participants placed in unsubsidized employment who retain an employed status in the first and second quarters following initial placement:	950
Other Key Project Deliverables:	N/A
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