

American Recovery and Reinvestment Act of 2009: State Energy Sector Partnership (SESP) and Training Grants

Recovery Act: Competitive Grants for Green Job Training

On February 17, 2009, President Barack Obama signed into law the American Recovery and Reinvestment Act of 2009 (Recovery Act) to preserve and create jobs, promote the nation's economic recovery, and assist those most impacted by the recession. The purpose of these grants is to teach workers the skills required in emerging industries including energy efficiency and renewable energy.

State Energy Sector Partnership (SESP) and Training Grants Overview **Grantee Summaries**

To highlight the important role States play in building a national green economy, the Department is investing in workforce sector strategies that target energy efficiency and renewable energy industries as well as other green industries. The Employment and Training Administration (ETA) encouraged grantees to engage in a strategic planning process that aligns with the Governor's overall workforce vision, State energy policies, and local and regional training activities that lead to employment in targeted industry sectors. The strategic planning process was an opportunity for States to develop a statewide energy sector strategy through a comprehensive partnership and development of a Sector Plan. These investments foster the development of a national workforce that is ready to meet the demands of the energy efficiency and renewable energy industries. A portion of the funds under this SGA will be reserved for communities or regions undergoing auto industry related restructurings.

These investments are designed to achieve the following goals:

- Create an integrated system of education, training, and supportive services that promotes skill attainment and career pathway development for low-income, low-skilled workers leading to employment in green industries.
- Support States in implementing a comprehensive statewide energy sector strategy including the Governor's overall workforce vision, State energy policies, and training activities that lead to employment in targeted industry sectors;
- Build and strengthen partnerships dedicated to building a skilled energy efficiency and renewable energy workforce;
- Develop new partnerships with other agencies receiving Recovery Act funds to support strategic planning and implementation efforts; and

Grantee Summaries

Thirty four (34) awards ranging from approximately \$2 million to \$6 million each were made to State Workforce Investment Boards (SWIBs) in partnership with their State Workforce Agency, local Workforce Investment Boards or regional consortia of Boards, and One Stop Career Center delivery systems:

Alabama

Grantee: Alabama Department of Economic and Community Affairs (ADECA)

Auto-Impacted Counties Being Served: Montgomery, Tuscaloosa, Lowndes, Butler, Madison, Limestone, and Marshall

Industries of Focus: Energy Efficient Building, Construction, and Retrofit; Renewable Electric Power; Energy Efficient and Advanced Drive Train Vehicle manufacturing; Biofuels; and Energy Efficiency Assessment

Participants Served: Veterans, at-risk youth, ex-offenders, dislocated workers, incumbent workers, low-income workers, and disadvantaged individuals

Amount: \$6,000,000

Key Partnerships: Governor’s Office of Workforce Development (GOWD), Alabama Career Center System, Mobile Workforce Investment Board, Trenholm State Technical College, Alabama Department of Education, Alabama Homebuilders Association

Project Description: Through this development project, the Alabama Energy Sector Partnership will prepare individuals for careers in five energy efficiency and renewable energy (EERE) industries and establish the Alabama Center for Renewable Energy Sector Training. Training efforts will focus on providing program participants with the technical and occupational skills necessary to obtain industry recognized credentials.

Proposed Outcomes: Approximately 1,442 individuals will be trained over the course of the 36 month grant period, with 1,250 of program completers matriculating into unsubsidized employment. Additionally, 1,350 participants are expected to earn EERE recognized degrees or certificates.

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Alaska

Grantee: Alaska Department of Labor and Workforce Development

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy-Efficient End User Technology, Geothermal, Hydroelectric, Wind Turbine, and Biomass

Participants Served: Minorities, recipients of public assistance, veterans, people with disabilities, low-income individuals, unemployed and under-employed individuals, dislocated workers, out-of-school youth, and incumbent workers

Amount: \$3,600,000

Key Partnerships: Alaska Workforce Investment Board, Alaska Energy Authority, Alaska Housing Finance Corporation, Alaska AFL-CIO, Denali Commission, University of Alaska, Alaska Office of Apprenticeship, and Alaska Works Partnership, Inc.

Project Description: The Alaska State Energy Sector Partnership will implement a sustainable strategic workforce plan to increase the supply of workers with energy-efficiency skills to support energy efficient end user technology and the Geothermal, Hydroelectric, Wind Turbine, and Biomass industries. Training will include: course-related instruction; on-the-job training and customized training with existing federally registered apprenticeship programs and labor management partners; technology-based learning; and distance learning.

Proposed Outcomes: At least 700 workers will receive training and over 85 percent of participants will be employed in an energy-efficiency occupation.

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Arizona

Grantee: Arizona Department of Economic Security

Auto-Impacted County Being Served: None

Industries of Focus: Energy-Efficient Building, Green Construction, Retrofit, Energy-Efficiency Assessment, Smart Grid, Solar and Thermal Power

Participants Served: Dislocated workers, underemployed workers, veterans, incumbent workers, at-risk youth, individuals with a criminal record, and individuals with disabilities

Amount: \$5,000,000

Key Partnerships: Arizona Public Services, Pima Community College, Arizona Department of Commerce, Arizona State University, Maricopa County Community College, Western Maricopa Education Center, Mojave Workforce Development, Phoenix Workforce Connections, Yavapai County Contractor's Association and Manufacturing Extension Partnerships, Navajo Office of Workforce Development, Native Americans for Community Action, Coconino County Probation, Sunnyside Genesis, Associated Asset Management, Apache Nitrogen Products, Bashas, The Business Journal, COX Communications, The Dial Corporation, Eco-Edge, and Facilitec

Project Description: Arizona's Green Skills Pipeline to a Clean Energy Economy project will deliver training through local and regional project teams, led by local WIBs or regional consortia of Boards and their One Stop Career Center delivery systems. Job placement services will be integrated with targeted training for green energy industries.

Proposed Outcomes: Approximately 1,502 participants will complete education and training activities. A total of 1,083 trainees will be placed in unsubsidized employment. Participants will earn industry-recognized Weatherization and Energy-Efficiency Certificates, Computer Aided Drafting Sustainability Certificates, Solar Installer Photo Voltaic Certificates, Thermal Certificates, and Green Building Design and Construction Certificates.

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Arkansas

Grantee: Arkansas Workforce Investment Board/Department of Workforce Services

Auto-Impacted Counties Being Served: Cleburne, Desha, Greene, and Logan

Industries of Focus: Energy Efficient Building, Construction, and Retrofitting, Renewable Electric Power; and Energy Efficiency Assessment

Participants Served: High school dropouts, offenders, unemployed workers, and other disadvantaged, at-risk individuals

Amount: \$4,866,479

Key Partnerships: Arkansas Economic Development Commission, Clear Result, Inc., United Association of Plumbers & Pipe Fitters Local 155, Arkansas Apprenticeship Coalition, Arkansas State Office of Apprenticeship, Winrock International, Arkansas Association of Two-Year Colleges, Arkansas Department of Career Education, and several Workforce Investment Boards

Project Description: The Arkansas Energy Sector Partnership will create three energy centers of excellence that will develop and deploy materials and programs which will be used by 22 two-year colleges and 7 apprenticeship programs to prepare participants for careers in the targeted industries. Training activities will include high school concurrent credit programs, college certificate and degree programs, incumbent worker training, apprenticeship programs, workshops for employed workers to gain green skills, and training for disadvantaged populations.

Proposed Outcomes: A total of 2,800 participants will be recruited and referred to training programs. Of these participants, 1,792 will complete education and training and 1,434 will receive a certificate, degree or complete an apprenticeship program. Additionally, 1,371 participants who complete training will be placed in energy efficient occupations.

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California

Grantee: State of California Employment Development Department

Auto-Impacted Counties Being Served: Alameda and Los Angeles

Industries of Focus: Energy and Water Efficiency, Renewable Energy, Electricity Transmission and Distribution Infrastructure, and Clean Vehicle and Renewable Transportation Fuels

Participants Served: Dislocated workers, veterans, unemployed and underemployed workers, low-income youth and adults, new workforce entrants, individuals with disabilities, and individuals with a criminal record

Amount: \$6,000,000

Key Partnerships: California Workforce Association, State Building and Trade Council of California, Department of Community Services and Development, Business Transportation and Housing Agency, Provident Bank, California Energy Commission, Air Resource Board; Bank of America Foundation, Labor and Workforce Development Agency, Governor's Office of Planning and Development, Department of Education, California Labor Federation/AFL-CIO, California Public Utilities Commission, California Community Colleges, Chabin Concepts, Inc., and, California Manufacturers and Technology Association

Project Description: The State of California Employment Development Department designed its project to target five regions. In San Diego County, the Sacramento Metropolitan Region, and the Northern California Counties of Butte, Del Norte, Lassen, Madoc, Nevada, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity, training will target energy efficiency training, specifically green building and retrofits. In the Greater Los Angeles Area, training will focus on electrical utility technician training and green construction. Finally, in the East Bay Region with Alameda and Contra Costa Counties, the training will address energy efficiency, specifically whole building retrofits emphasizing deconstruction of non-green buildings and the construction of green buildings. Each of the regional programs will offer training courses to persons in the targeted populations in such areas as basic construction principles, principles of environmental literacy, energy fundamentals, installation of solar hot water heaters, and building retrofits. Following training, participants will be placed in registered apprenticeship programs and jobs.

Proposed Outcomes: While each of the regions is addressing a particular sector, each jurisdiction will train 200 participants for a total of 1,000 persons and achieve an average placement rate of 74% in non-subsidized, training related employment. In addition, 70% of training participants will attain an industry recognized certification or credential.

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Colorado

Grantee: Colorado Department of Labor and Employment

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy-Efficient Building, Construction, and Retrofit industries; and Renewable Energy for Solar and Wind

Participants Served: Older workers, dislocated workers, incumbent workers, veterans, women, individuals with disabilities, TANF recipients, dislocated workers, and ex-offenders

Amount: \$5,998,050

Key Partnerships: Boulder, Larimer, and Arapahoe Douglas Workforce Investment Board,; Rural Workforce Consortium, Governor's Energy Office; Colorado Department of Local Affairs, Colorado Renewable Energy Collaboratory, Colorado Community College System, Denver Area Labor Federation, National Electrical Contractor's Association, International Brotherhood of Electrical Workers Local 68, Atlas Industrial Insulation, iCAST, Abound Solar; Denver Joint Electrical Apprenticeship and Training Committee, Veterans Green Jobs, Office of Economic Development and International Trade, and Burt Automotive

Project Description: The grantee will implement the Colorado State Energy Sector Partnership to ensure that the state has a qualified workforce that allows Renewable Energy and Energy Efficiency and conservation firms to prosper and grow. The Partnership will also prepare workers in Colorado to qualify for jobs in the new energy economy through several activities: the Energy Sector Entrepreneurial Pilot Project; Statewide Apprenticeship Partnership program; a Green Training Curriculum to create hands-on training in Energy Efficiency Audits, Wind Turbine Safety, and Solar Energy; Energy Scholarships for participants; Youth Conservation Corps; and a Youth Outreach campaign to train student ambassadors to educate parents and peers about green practices and career opportunities.

Proposed Outcomes: 1,200 participants will enter education and training activities. 830 participants will complete training, including 30 entrepreneurs and 300 apprentices. 800 participants will receive a degree or certificate. 91 percent of participants will be placed in employment, and of those placed, 98 percent will be placed in unsubsidized employment related to their training.

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Connecticut

Grantee: Connecticut Employment and Training Commission

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy Efficiency Assessment, Green Manufacturing, and Environmental Protection

Participants Served: Incumbent workers, unemployed workers, veterans, at-risk youth, ex-offenders, underrepresented ethnic minorities, and recent immigrants

Amount: \$3,360, 000

Key Partnerships: Numerous local workforce investment boards, state offices, apprenticeship programs, non-profit organizations, energy efficiency and renewable energy businesses and industries, and labor organizations

Project Description: Connecticut will build the capacity of the statewide education continuum and the statewide workforce development system to prepare students to pursue careers in green industries. The state will also upgrade the competencies of incumbent and dislocated workers for employment and advancement in green industries. The project will ensure training and education programs match the evolving workforce needs of energy sector employers and develop a seamless set of career pathways in green industries. Finally, the project will connect green workforce development efforts to related economic development efforts.

Proposed Outcomes: Through this grant, 895 individuals will be served with an estimated 813 individuals completing training. Approximately, 75% of participants will be incumbent workers.

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Hawaii

Grantee: Hawaii Department of Labor and Industrial Relations

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy Efficient Building, Construction, Retrofit, Energy Efficiency Assessment, Renewable Energy, and Biofuels

Participants Served: Incumbent workers, low-income/low-skilled individuals, disadvantaged persons with limited English proficiency, people with disabilities, and veterans

Amount: \$6,000,000

Key Partnerships: Hawaii Workforce Development Council; local Workforce Investment Boards; Hawaii Department of Business, Economic Development, and Tourism; University of Hawaii Community Colleges; Pacific Resources Partnership; Building Industry Association of Hawaii; Associated Builders and Contractors-Hawaii Chapter; Catholic Charities of Hawaii; Goodwill Industries of Hawaii; Economic Development Alliance of Hawaii; Enterprise Honolulu; International Union of Painters and Allied Trades-District Council 50; General Contractors Association of Hawaii; Hawaii Farm Bureau; Hawaii Electric Industries; and Hawaii Solar Energy Association

Project Description: The project is focused on developing green industries in Hawaii and providing incumbent workers with cutting-edge training in green skills. One-Stop Career Centers will focus on providing services to dislocated workers and veterans. Catholic Charities and Goodwill Industries of Hawaii will provide recruiting, training, placement and retention services to the target populations. The University of Hawaii Community College system will provide case management, recruiting, training, placement, and retention services to populations that have not traditionally utilized the State's One-Stop Career Centers, and will implement Hawaii Innovation Initiative to attract private investment in energy.

Proposed Outcomes: Approximately 1,391 participants will complete education and training activities and attain either certificates or licenses in green occupations. The grantee will develop curricula and training programs with opportunities to obtain certificates and/or degrees in Home Energy Rating System (HERS), Leadership in Energy and Environmental Design (LEED), Solar Photovoltaic Installation, Biofuels Processing, and Power Plant Operation.

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Idaho

Grantee: Idaho Department of Labor

Auto-Impacted County Being Served: None

Industries of Focus: Energy Efficiency and Renewable Energy

Participants Served: Veterans, dislocated workers, low-skill adults and youth, and other targeted populations

Amount: \$5,991,184

Key Partnerships: Idaho Workforce Development Council, Professional-Technical Education, College of Western Idaho, Idaho State University, North Idaho College, Lewis-Clark State College, College of Southern Idaho, Eastern Idaho Technical College, AFL-CIO, Kerr Oil, and U.S. DOL Office of Apprenticeship in partnership with Idaho Department of Labor

Project Description: The grantee will implement state energy sector partnership (SESP) strategies to prepare workers for careers in energy efficiency, renewable energy industries, and green occupations, to meet the new skill demands of Idaho's emerging and expanding energy and green industries. Funds will be used to create a comprehensive plan that will: upgrade existing post-secondary and secondary curricula; strengthen dual-credit articulation; and provide sustainable training programs to better prepare participants for careers in targeted industries.

Proposed Outcomes: More than 1,400 veterans, dislocated workers, low-skill adults and youth, and other targeted populations from across the state will participate in training opportunities, with 350 individuals to be placed in training-related unsubsidized employment.

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Illinois

Grantee: Illinois Department of Commerce and Economic Opportunity

Auto-Impacted Counties Being Served: Boone, Cook, McLean Counties

Industries of Focus: Energy Efficiency, Renewable Energy, Transportation Efficiency and Renewable Fuels, Clean Coal Energy, Energy-Related Manufacturing

Participants Served: Low-skilled individuals, new labor market entrants, dislocated workers, incumbent workers, underemployed individuals, veterans, minority contractors, disadvantaged adults and youth, individuals with disabilities, and individuals with criminal records

Amount: \$6,000,000

Key Partnerships: Illinois Workforce Investment Board, Illinois Environmental Protection Agency, Chicago Jobs Council, Illinois Governor's Office, Illinois State University, and Illinois Department of Veterans Affairs, Leander Construction, and S&H Floor Covering

Project Description: The Illinois State Energy Sector Partnership will develop a statewide strategy to meet the workforce development needs of employers directly involved in green energy industries. This collaborative project will analyze and determine the occupational and skills needs of the green energy sectors where investments will be made, and develop a statewide strategy for training workers in targeted industries. The program will implement such projects as the Greater Rockford Solar Initiative, and the Chicago Green Jobs for All Initiative which will provide training and certification to targeted populations.

Proposed Outcomes: Approximately 1,310 participants will be trained and placed in energy efficiency occupations. Additionally, 1,694 program completers will earn industry-recognized degrees such as BPI Building Analyst, RESNET Certified Auditor, and LIUNA Energy Auditor.

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Indiana

Grantee: Indiana Department of Workforce Development

Auto-Impacted Counties Being Served: All auto-impacted counties in Indiana.

Industries of Focus: Green Manufacturing, Energy Efficient Construction and Retrofit, Clean Energy Production

Participants Served: Incumbent and dislocated workers, unemployed workers, adults with barrier to employment, and out-of-school youth

Amount: \$6,000,000

Key Partnerships: State Workforce Innovation Council, Indiana Economic Development Corporation, Indiana Chamber of Commerce, Region 10 Workforce Board, Ivy Tech Community College, Southeastern Indiana Small Business Development Center, American StructurePoint, Inc., Indiana State Building and Trades Council

Project Description: Indiana's Green Energy Technology Instruction and Training (I GET IT) is a collaborative effort between various state agencies that will provide participants with training strategies that will fill the current skills gaps, and provide new skills that will help Hoosiers transition to occupations in the emerging green energy sectors. On-the-job training, coupled with traditional classroom instruction, and on-line learning, will be utilized to create a pipeline of skilled workers. Additionally, the program will establish an Advanced Energy Training Center to facilitate the state's transition to a green economy.

Proposed Outcomes: The project will develop curriculum and will bring together an array of traditional and alternative energy technology programs. Estimated outcomes include 2,190 program completers and 2,075 individuals gaining employment in green-related fields.

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Iowa

Grantee: Iowa Workforce Development

Auto-Impacted Counties Being Served: Cass, Chickasaw, Fremont, Howard, Iowa, Louisa, Plymouth, Poweshiek, Union, and Wright

Industries of Focus: Wind Energy, Solar Energy, Smart Grid and Electrical Transmission, Biofuels, Energy Efficient Construction and Building Retrofits, Deconstruction, Hazardous Materials Abatement, Energy Assessment, Energy Audit, Manufacturing, and Sustainable Agriculture

Participants Served: Dislocated workers, unemployed individuals, and incumbent workers

Amount: \$5,997,000

Key Partnerships: Iowa Office of Energy Independence, Iowa Association of Business and Industry, Iowa association of Community College Trustees, Iowa Department of Education, Master Builders of Iowa, International Union of Painters and Allied Traders, Iowa Utility Association, Iowa Federation of Labor AFL-CIO, International Brotherhood of Electrical Workers, Central Iowa Works (CIW), Siouxland Tri-State Regional Innovation Project, Center For Industrial Research Services at Iowa University (CIRAS), The Institute for Decision Making at the University of Northern Iowa, and Kirkwood Community College Outreach Services

Project Description: The Iowa Energy Sector Partnership will implement a state-driven green workforce development plan with prioritized training needs, as identified by the State Green Jobs task force. The project will develop a statewide sector plan for the emerging energy economy that will: Focus on sustainable jobs in the Energy Sector, train workers with portable skills that provide opportunities and lateral movement within the energy continuum, train both new and incumbent workers, and prioritize energy sector jobs for the state.

Proposed Outcomes: Workers will be trained for specific industries within the Energy Sector based on going data analysis that draws on Bureau of Labor Statistics, the Recovery Act, and Iowa Workforce Development data. A sustainability plan based on the findings of Sector Partnership effectiveness will be developed and shared, with approval from the Office of the Governor, with the membership of Midwest Governor's Association.

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Kansas

Grantee: Kansas Department of Commerce

Auto-Impacted County Being Served: Allen

Industries of Focus: Renewable Energy Operation and Construction, Renewable Energy Manufacturing and Supply Chain, Energy Transmission, Biomass, and Green Construction

Participants Served: Dislocated workers, incumbent workers, veterans, older youth, former prisoners, and individuals seeking career pathways out of poverty

Amount: \$5,999, 890

Key Partnerships: Clipper Wind, Westar Energy, Southern Star, International Brotherhood of Electrical Workers, Kansas Apprenticeship Program, Kansas Economic Development Alliance, Western Kansas Regional Economic Development Authority, Kansas Department of Corrections

Project Description: The program will deliver training through the state's postsecondary community and technical college system, and draw upon professional associations and existing industry training delivery systems to provide additional capacity. KanasWorks will recruit candidates to be trained in the targeted industries.

Proposed Outcomes: 1,580 individuals will be recruited, with 1,316 entering training, and 1,053 completing training and earning certification.

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Kentucky

Grantee: Education and Workforce Development Cabinet

Auto Impacted Counties Being Served: Cumberland, Fulton, Hopkins, Pulaski, and Trigg

Industries of Focus: Energy-Efficient Building, Construction, and Retrofit, Energy Efficiency Assessment, and Renewable Energy

Participants Served: Dislocated workers, unemployed individuals, out-of-school youth, and veterans

Amount: \$4,740,457

Key Partnerships: Kentucky Workforce Investment Board, Capital Innovation, Kentucky Community and Technical College System, Kentucky Labor Cabinet, Cumberland Workforce Investment Area, Kentucky Cabinet for Economic Development, Kentucky Housing Corporation, Kentucky Office of Employment and Training, Energy and Environment Cabinet, Kentucky Building and Construction Trades Council, Bennie Garland and Associates, East Kentucky Power, West Kentucky Workforce Investment Board, Breathitt Career Center, and Plumbers & Steamfitters Local 184

Project Description: *Intelligent Energy Choices* is intended to improve the quality of life for all Kentuckians by creating efficient, sustainable energy solutions, and by creating a base for strong economic growth over the long term. Kentucky's state energy sector partnership will achieve its goals by implementing a comprehensive training plan that will enhance worker's existing skill sets and ensure that they are prepared for careers in growing green industries. Proposed trainings include: education for energy auditors/raters, Smart Grid technology installations and maintenance professionals; pipefitters; and steamfitters who will receive a Green Systems Awareness certification.

Projected Outcomes: Approximately 444 participants will complete training and be placed in energy efficient occupations. Participants will earn degrees and/or industry-recognized certificates in energy assessment, smart grid technology, chemical engineering, plumbing and pipefitting.

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Maryland

Grantee: Maryland Department of Labor, Licensing and Regulation

Auto-Impacted County Being Served: Baltimore City

Industries of Focus: Solar, Green Technology, Energy-Efficient Building, Construction and Retrofit, and Environmental Technology

Participants Served: Incumbent and dislocated workers, veterans and reservists, low-wage workers, and individuals with a criminal record

Amount: \$5,793,183

Key Partnerships: College of Southern Maryland, Johnson Controls, Maryland State Department of Education, Maryland State AFL-CIO, Associated Builders & Contractors-Chesapeake, Towson University, SunEdison, Terralogos Energy Group, Whiting-Turner Contracting Company, Maryland Clean Energy Center, Baltimore County Office of Workforce Development, Governor's Workforce Investment Board, Heat and Frost Insulation and Allied Workers 24, Maryland Department of Housing and Community Development, Maryland Energy Administration, Pepco Energy Services, Solar Energy Industries Association Maryland, Prince George's Community College, and Constellation Energy Projects & Services Group

Project Description: The grantee will implement the 'Smart, Green and Growing' project through a regional partnership of businesses, community colleges, labor apprenticeship programs, and the One-Stop Workforce System. The program will provide training and job placement assistance in four different green industries. The program will improve manufacturing sustainability practices, waste stream management and lean to green practices in the manufacturing sector; develop and expand green construction training options by providing training for a wide range of construction-related trades and green building; and assist workers as they pursue environmental technology careers.

Proposed Outcomes: Approximately 1,585 participants will be trained and placed into energy-efficient employment. Participants will earn certificates or degrees in waste stream management, environmental technology, renewable energy and green construction.

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Massachusetts

Grantee: Commonwealth of Massachusetts, Executive Office of Labor and Workforce Development

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy-Efficient Building, Construction, and Retrofit, Renewable Electric Power, Biofuels, Energy Efficiency Assessment, Sustainable Manufacturing, Environmental Protection, and Green Construction

Participants Served: Unemployed, underemployed, and incumbent workers

Amount: \$5,973,657

Key Partnerships: Executive Office of Energy and Environmental Affairs, Massachusetts Workforce Investment Board, Massachusetts Clean Energy Center, Commonwealth Corporation, Division of Apprenticeship Training, University of Massachusetts, Worcester Polytechnic Institute, Springfield Technical Community College, AFL-CIO, Utilities Workers Union Local 369, New England Regional Council of Carpenters, Snelling Personnel, HY9 Corporation, Peregrine Energy Group, Inc., and Solar Energy Business Association of New England

Project Description: The Massachusetts Energy Sector Partnership will implement a training strategy with four key components to: 1) target industry sectors for which the state's energy policy is acting as a driver to grow jobs; 2) target occupations for which businesses have identified demand and for which workers can be prepared in less than 3 years; 3) leverage the investments made through state energy training funds to build training capacity throughout the state; and 4) leverage the capacity provided through the Workforce Investment Act and state investments to develop regional Workforce Investment Board and Career Center infrastructure.

Proposed Outcomes: The grantee projects that the program will serve 1,379 participants, and that 1,079 of those individuals will be either unemployed or under-employed. The grantee expects that 1,164 individuals will complete training, and 902 will receive a degree or certificate. Of the 1,079 unemployed or under-employed participants, the grantee expects to place 772 into unsubsidized employment.

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Michigan

Grantee: Michigan Department of Energy, Labor, & Economic Growth

Auto-Impacted Counties Being Served: Midland, Saginaw, Genesee, Bay, Roscommon, Losco, Livingston, Monroe, Wayne, Clair, Macomb, and Oakland

Industries of Focus: Renewable Energy and Energy Efficiency

Participants Served: Dislocated workers and incumbent workers

Amount: 5,819,999

Key Partnerships: The State of Michigan Council for Labor and Economic Growth, Michigan Department of Human Services, Michigan Department of Education, Michigan Department of Environmental Quality, Michigan Department of Agriculture, Utility Workers of America (AFL-CIO), AARP of Michigan, Michigan Works, Michigan Economic Recovery Office, Michigan State University, Michigan Economic Development Corporation, Great Lakes Bay Solar Team, Southeast Michigan Works Agencies Coalition Solar Project Team, Career Alliance Energy Efficient Construction Project Team, Southeast Michigan Works Agencies Coalition Advanced Energy Storage Project Team, ASG Renaissance, IT-Services Corporation, and Dow Corning Corporation

Project Description: Project Description: The grantee will utilize the state's 2008 Green Jobs initiative in conjunction with the state's green partnership team, to implement the Governor's Green Jobs Initiative and provide training in Advanced Energy Storage, Solar Industries, and Energy Efficient Construction. The initiative has two solar-focused regional project teams that will provide training on chemical processing and solar engineering and installing. The regional project team for advanced energy storage will provide undergraduate and/or graduate level training in renewable electric power, as well as energy efficient and advanced drive trains across several concentrations. The energy efficient construction local project team will target growth occupations and train participants for certificates in Green Construction, and Sustainable Construction.

Proposed Outcomes: The project will serve 1,282 participants, provide support services to 1,137 participants, and place 1,052 participants in employment.

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Minnesota

Grantee: Minnesota Department of Employment and Economic Development

Auto-Impacted Counties Being Served: Clearwater and Ramsey

Industries of Focus: Energy-Efficient Building, Construction, and Retrofit, Renewable Energy, and Biofuels

Participants Served: Unemployed workers, incumbent workers, individuals with limited English proficiency, low-income individuals, individuals with disabilities, individuals with a criminal record, high school drop-outs, youth, dislocated workers, veterans, and minority populations

Amount: \$6,000,000

Key Partnerships: Minnesota Community Action Partnership, Minnesota Rural Electric Association, BlueGreen Alliance, Department of Commerce, Solar Skies, Minnesota Municipal Utilities Association, Institute on the Environment, University of Minnesota; Heron Lake BioEnergy, LLC, Governor's Workforce Development Council; Schools for Energy Efficiency (SEE) Program, BioBusiness Alliance of Minnesota, Minnesota OIC State Council, Minnesota State Building and Trades Council, St. Paul Public Schools – ABE, Minnesota State Colleges and Universities, Department of Education, Department of Veterans Affairs, Teamsters Joint Council 32, Minnesota AFL-CIO, Department of Labor and Industry, and Minnesota West Community and Technical College

Project Description: The Minnesota State Energy Sector Partnership's strategy for training workers in the Energy-Efficiency and Renewable Energy industries will focus on meeting the skill needs of the targeted industries. Program strategies will include integrated basic and pre-vocational skills training with supportive services, integrated remedial education and college preparatory training, wrap around supports, and accelerated learning with flexible entry points. The project will provide training to the current and potential workforce through multi-faceted delivery approaches including on-the-job training, career pathways, blended instruction, bridge programming, incumbent worker training, and apprenticeship.

Proposed Outcomes: A total of 1,495 participants will be served; 80 percent or 1,196 of the participants being served will complete education and/or training activities; 90 percent or 1,076 of those who complete education and/or training activities will receive a degree or certificate; and 75 percent, or 897 individuals, who complete education and/or training activities will be placed in unsubsidized employment.

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Missouri

Grantee: Missouri Division of Workforce Development

Auto-Impacted County(ies) Being Served: St. Louis County, St. Charles County, Lincoln County, Clay County, and Randolph County

Industries of Focus: Energy Efficient Building, Construction, and Retrofit, and Energy Efficiency Assessment serving Commercial and Industrial Sectors

Participants Served: Veterans and active duty military personnel, incumbent workers, and unemployed workers

Amount: \$6,000,000

Key Partnerships: Missouri State Workforce Investment Board, Missouri Division of Workforce Development, Missouri Department of Natural Resources, Missouri Departments of Agriculture, Economic Development, and Higher Education, Heat and Frost Insulators and Asbestos Workers Union, Missouri Community College Association, and University of Missouri

Project Description: This initiative will support the state of Missouri's energy planning process. The grant will establish career awareness and educational pathways to training and education opportunities for occupations in solar energy systems (photovoltaic and thermal), wind systems, geothermal, biofuels, landfill gas, other energy sources as identified, and energy efficiency. The grant will directly support implementation of two training programs that emphasize veterans. The Renewable Energy Training Institute in St. Louis will create a veterans priority training program. Missouri's three Heat and Frost Insulators and Allied Workers Unions will add new capacity to their registered apprenticeship programs.

Proposed Outcomes: The project will provide 480 incumbent journeymen and apprentices with enhanced qualifications in commercial and industrial energy efficiency assessment and cost estimating. 120 veterans and/or qualified spouses of active duty military personnel will complete the Renewable Energy Training Institute Veterans Certificate of Completion and Apprenticeship Program. 150 participants will graduate from renewable energy degree programs at associate's degree-granting institutions, and 60 participants will complete minors or certificate programs from within degree-granting engineering programs.

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Nebraska

Grantee: Nebraska Department of Labor

Auto-Impacted County Being Served: Dawson

Industries of Focus: Wind, Biofuels and Green Sustainable Building Technologies

Participants Served: Workers impacted by energy policy, Incumbent workers, veterans, unemployed individuals, at-risk youth, and individuals with a criminal record

Amount: \$4,839,511

Key Partnerships: Nebraska Workforce Investment Board; Nebraska State Departments of Economic Development, Agriculture, Education, and Veterans Affairs; Nebraska Energy Office; University of Nebraska – Lincoln; Nebraska State Community College Association; AFL/CIO; Home Builders Association of Lincoln; The Associated General Contractors of America (Nebraska Building Chapter); FutureForce Nebraska; Black Hills Energy Corp; International Brotherhood of Electrical Workers, Local 22;; Steamfitters and Plumbers, Local 464; Kiewitt Building Group; Nebraska Home Builders Association; Green Build Council; Lincoln Electric System; and Omaha Public Power District

Project Description: The grant proposes to serve unemployed, veterans, at-risk youth, and persons with a criminal record from 49 counties through the formation of three regionally geographic projects spanning western Nebraska, northeast Nebraska, and metro Nebraska. The grantee, by encouraging collaboration between local WIBs, community colleges, and employers will develop and implement training and employment strategies in wind, biofuels, and green sustainable building technologies. Following classroom instruction and project simulations, trainees will be placed into structured apprenticeship training programs with partner industries to develop on-the-job training skills and to ensure job placement.

Proposed Outcomes: Through the partnership projects, 950 persons will be recruited, with 867 entering training, and 737 participants completing training and earning certification.

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Nevada

Grantee: Nevada Department of Employment, Training and Rehabilitation

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy-Efficiency, Renewable Energy and Other Green Industries

Participants Served: Dislocated workers, individuals with a criminal record, individuals with disabilities, individuals who are homeless, veterans, former foster youth, young pregnant and single mothers, individuals receiving public assistance, and other low-income individuals

Amount: \$6,000,000

Key Partnerships: Associated Builders and Contractors, Inc., Sierra Nevada Chapter, Customer Service Management Consultants, Nevada Development Authority, Nevada Department of Corrections, Nevada Hospital Association, Nevada Commission on Economic Development, NV Energy, Nevada Manufacturer's Association, Workforce CONNECTIONS, Nevadaworks, Nevada Department of Labor; Nevada State Office of Energy, U.S. Department of Housing and Urban Development, Reno Field Office; Nevada System of Higher Education, Nevada Department of Education, Nevada Department of Transportation, Nevada Division of Environmental Protection, Southwest Gas Corporation, Mountaintop Faith Ministries, and Nevada Veteran's Services

Project Description: The Nevada State Energy Sector Partnership will play a key role in developing a national green economy by targeting energy efficiency and renewable energy and other green industries. The partnership will teach workers the skills required in emerging energy efficiency and renewable energy industries, leading to job placement, job creation and economic growth. Comprehensive training activities will be provided through the state's system of higher education, which includes universities, colleges, and community colleges, select high schools, strategically-located training facilities, apprenticeship programs, and energy partners.

Proposed Outcomes: A total of 7,125 individuals will begin education/training activities; 6,289 participants are estimated to complete education/training activities and receive a degree or certificate.

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New Jersey

Grantee: New Jersey Department of Labor and Workforce Development

Auto-Impacted Counties Being Served: Middlesex and Union Counties

Industries of Focus: Energy Efficiency and Renewable Energy

Participants Served: Out-of school youth, adults with limited basic skills, individuals with a criminal history, and individuals with disabilities

Amount: \$6,000,000

Key Partnerships: Union County College, Bergen County Community College, Passaic County Technical Institute, Hudson County School of Technology, Mercer County Community College, Middlesex County Vocational and Technical School, Somerset County Vocational and Technical High School, Sussex County Community College, Cumberland County Office of Workforce Development, Camden County Community College, Atlantic Cape Community College, Cumberland County Technical Education Center, Burlington County Institute of Technology, Petra Solar, PSE&G, and U.S. Green Building Council

Project Description: The project will provide training and job placement assistance in energy efficiency assessment occupations. The grantee has developed a diverse portfolio of training projects that will improve participants access to mid-level career path jobs; provide skill upgrades to incumbent worker to help them maintain employment and move along career paths; open new positions for unemployed and disadvantaged populations; attract younger workers and non-traditional populations to key occupations; and ensure accountability among funded training programs.

Proposed Outcomes: Approximately 904 participants will be trained and placed in energy-efficient occupations. Participants will earn industry recognized degrees or certificates in green building analysis, HVAC, insulator energy appraisal, geothermal, facility management, and solar manufacturing.

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New Mexico

Grantee: New Mexico Department of Workforce Solutions

Auto-Impacted County Being Served: N/A

Industries of Focus: Solar, Wind, Energy Efficient Building, Construction, and Retrofit, and Biofuels

Participants Served: Incumbent workers, unemployed workers, women, veterans, military spouses, and high school drop-outs

Amount: \$5,999,989

Key Partnerships: New Mexico Green Industry Council, Indian Affairs Department, New Mexico Mortgage Finance Authority, Public Education Department, Environment Department, Energy, Minerals and Natural Resources Department, Department of Veterans Services, State Apprenticeship Council, State Workforce Boards, Renewable Energy Industries Association, Bluenergy Solarwind, Inc., Southwestern Biofuels Association, EMCORE Solar Power, Inc., Artistic Homes, Inc., New Mexico Green Collaborative, New Mexico Veterans Integration Council, and International Brotherhood of Electrical Workers

Project Description: The grantee will establish a statewide, systemic approach to worker training in energy efficiency and renewable energy occupations that is responsive to employer and worker needs, adjustable and responsive to economic developments, and flexible and efficient in delivering just-in-time training to reduce unemployment. The project establishes a training framework with universal access to lifelong learning based on relevant local and regional labor market needs. The sector initiatives will be regionally designed, business led, and data-driven.

Proposed Outcomes: Approximately 400 participants will be trained and with 360 placed in the targeted industries.

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North Carolina

Grantee: North Carolina Department of Commerce, Division of Workforce Development

Auto-Impacted County Being Served: Scotland County

Industries of Focus: Energy-Efficient Building Construction and Retrofit, Energy Assessment, and Sustainable Agriculture

Participants Served: Unemployed workers, military spouses, veterans, at-risk youth, individuals with a criminal record, farmers, and migrant and seasonal workers

Amount: \$ 5,976,512

Key Partnerships:

North Carolina Department of Commerce, North Carolina Energy Office, Southern Energy Management, L.A. Downey & Son Inc. , North Carolina State AFL-CIO, North Carolina Sustainable Energy Association, North Carolina Solar Center and University Representation, North Carolina Community College System, Department of Public Instruction, Weatherization, Energy and Solar Training Project, Future Forward Workforce Alliance, Lumbee River all About Green, and the Northeast North Carolina Green Initiative

Project Description: The proposed initiative takes advantage of increasing federal and state investment in energy efficiency and renewable energy by aligning the state's energy plan with partner organizations that have been identified as able to meet the green workforce needs of four distinct regions of the state. Each project team will have unique training elements but all local project teams will provide training that leads to industry recognized certificates in energy efficient building, construction and retrofitting industries, and energy efficiency assessment. Throughout the life of the grant, the SESP partnership will advise local project teams and provide technical assistance, educational services such as learning exchanges, and supportive services when needed.

Proposed Outcomes: The project will provide training and education to 1,137 participants. 738 of those participants served will be placed in unsubsidized employment related to their training.

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Ohio

Grantee: State of Ohio

Auto-Impacted Counties Being Served: All auto-impacted counties in Ohio. Fifty percent of Ohio's counties (44 of 88) are included on the USDOL list of Counties Impacted by Automotive-Related Restructuring. It is planned that 85 to 90 percent of the project's funds will be utilized in these counties.

Industries of Focus: Wind, Solar, and Biomass

Participants Served: Dislocated workers, veterans, women, minorities, and Appalachian residents

Amount: \$6,000,000

Key Partnerships: State and Local Workforce Investment Boards; Sandusky County Economic Development Corporation; Ohio Department of Veterans Services; Governor's Office on Energy Efficiency and Renewable Energy; Hocking College, Owens Community College, Ohio University, Stark State College of Technology, University of Toledo; International Association of Heat and Frost Insulators and Allied Workers, AFL-CIO, Stark County Community Action Agency, University of Clean Energy Alliance of Ohio, Ohio University Voinovich Center, Owens Community College, First Solar, Willard & Kelsey, Xunlight, Rotek, Inc., Schmack BioEnergy, LLC, Cardinal Fastener and Supply Company, Inc., and Hull Associates

Project Description: The Energizing Careers project will develop a pipeline of qualified, skilled workers that meets employer demand and promotes a robust green energy supply chain. Working directly with energy employers, the training component of the project matches each trainee's course work, certifications, and/or degrees with specific skill requirements for hiring and advancement. Ohio is a leader in creating "stackable certificates" that can be rearranged to offer both employers and students the flexibility that is needed in a rapidly changing economy.

Proposed Outcomes: Approximately 1,600 individuals will enroll in training and 1,275 participants will earn industry-recognized certificates in residential energy auditing, building operator, and OSHA safety.

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Oklahoma

Grantee: State of Oklahoma

Auto-Impacted Counties Being Served: Oklahoma and Marshall

Industries of Focus: Energy Efficiency and Renewable Energy

Participants Served: Unemployed workers and incumbent workers

Amount: \$6,000,000

Key Partnerships: Governor's Council for Workforce and Economic Development, Tulsa Workforce Investment Board, One-Stop Career Centers, State Energy Office, Oklahoma Department of Commerce, Oklahoma AFL-CIO, OG&E Energy Corporation, The Boeing Company, Arbor Education & Training, LLC, M-D Building Products, Oklahoma Conference, United Methodist Church, and Citycare, Inc./Location Service Inc.

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.

Proposed Outcomes: The grantee expects that the project will serve 1,200 participants, and that 1,100 participants will complete education and training and receive a degree or certificate. Of those participants who complete education and training, 1,000 will be placed in unsubsidized training related employment.

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Oregon

Grantee: State of Oregon

Auto-Impacted/County Being Served: N/A

Industries of Focus: Renewable Energy, Green Building Practices, Advanced Drive Train and Energy Efficient Vehicles, and Supply Chain Manufacturing

Participants Served: Unemployed workers and incumbent workers

Amount: \$5,383,568

Key Partnerships: Department of Community Colleges and Workforce Development, Oregon Employment Department, Oregon Workforce Partnership, NW Natural, Miles Fiberglass, Intel Corporation, Energy Trust of Oregon, Oregon AFL-CIO, Bureau of Labor and Industries, NeighborImpact, Portland Community College, Oregon State University, Oregon House of Representatives, and Oregon Economic Development and Workforce

Project Description: The grantee will implement the Greening of Oregon's Workforce project to develop local networks that will deliver training in green occupations.. The State's Green Jobs Council will be responsible for implementing the green jobs strategy which is mandated by Oregon State law, and will link to other state efforts, such as the Networks of Excellence that are emerging around green industries. Training will prepare workers for occupations in energy efficiency and renewable energy industries, including occupations that have long-term demand, offer the potential for high wage, career pathway jobs, and support local sourcing and innovation. Program partners will develop new curricula, adapt existing curricula, and complete development of the Oregon Green Tech Certificate.

Proposed Outcomes: Approximately 1,039 participants will earn a degree or certificate related to the targeted green industries, and approximately 811 participants will be placed into employment related to the training.

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Pennsylvania

Grantee: Commonwealth of Pennsylvania, Department of Labor & Industry

Auto-Impacted Counties Being Served: Allegheny and Tioga

Industries of Focus: Energy Efficiency, Renewable Energy, Pollution Prevention and Environmental Clean Up, Clean Transportation, and Agriculture and Resource Conservation

Participants Served: Dislocated workers, youth and high school drop-outs, individuals with disabilities, veterans, and individuals with limited English proficiency

Amount: \$6,000,000.00

Key Partnerships: Pennsylvania CareerLink, Luzerne County Community College, Three Rivers Labor Management Committee, Penn State University, Philadelphia Area Labor Management Committee, SEDA-Council of Governments, Keystone Utilities Industry Partnership, Smart Energy Initiative, Chester County Intermediate Unit, Butler County Community College, PPL Corporation, CMC Energy Services, and Pennsylvania Workforce Investment Board

Project Description: The State will use this project to form the Pennsylvania Center for Green Careers. The Center will serve as the State Energy Sector Partnership to address the skills and competencies needed to fill the growing demand for 81 targeted occupations. A formal network of six regional projects teams will coordinate efforts and be responsible for recruitment, integration of supportive services, case management, job placement, and retention. 100 green specialists will be trained to serve as career mentors to increase participant retention and program completion.

Proposed Outcomes: Through this project, 1,379 individuals will be served. Of those served, 318 individuals will receive assistance via basic skills training and/or the provision of supportive services. The remaining 1,061 individuals will receive training that results in an industry-validated degree and/or certification that leads to job placement.

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South Dakota

Grantee: South Dakota Department of Labor

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy building, Energy Efficiency, Energy Maintenance, and Biofuels

Participants Served: Veterans, dislocated workers, unemployed individuals, and individuals with a criminal record

Amount: \$2,500,000

Key Partnerships: South Dakota Workforce Development Council, South Dakota Department of Tourism and State Development, State Departments of Education and Labor, State Departments of Health and Social Services, Governor's Office of Economic Development, Board of Regents, Mitchell Technical Institute, Lake Area Technical Institute, Regional Technical Education Center, Western Dakota Technical Institute, Southeast Technical Institute, IBWE Local 426, South Dakota Rural Electric, School of Mines and Technology, Career Learning Centers, American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Building Trades Union Representation, and South Dakota Home Builders Association

Project Description: This project will provide training for occupations with growth potential, leading participants to suitable employment while leveraging federal and state investments for economic growth. Existing programs will be updated to reflect today's green emphasis and opportunities for registered apprenticeship will provide a significant value under this plan. New green-related programs will also be designed and implemented. Further, the National Career Readiness Certificate (NCRC) program will be utilized. The NCRC is a portable credential that verifies that the holder demonstrates foundational skills highly important to most occupations in the workplace. The foundational skills include reading for information, locating information, and applied mathematics.

Proposed Outcomes: 300 individuals are expected to be trained with 285 individuals expected to complete training.

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Utah

Grantee: Utah Department of Workforce Services

Auto-Impacted County Being Served: Box Elder

Industries of Focus: Energy Efficiency and Renewable Energy

Participants Served: Dislocated Workers, disadvantaged youth, and veterans

Amount: \$4,600,000

Key Partnerships: Utah Department of Natural Resources, Governor's Energy Advisory Board, Governor's Office of Economic Development, SWIB, Utah System of Higher Education, AFL-CIO Utah Chapter, Utah State Energy Program, Utah Transit Authority, Utah State Office of Rehabilitation, Salt Lake Community Action, Utah Clean Energy, Rocky Mountain Power, Utah General Contractor Association, Intermountain Power Association, Utah Clean Cities Coalition, Utah Auto Dealers Association, USTAR, and Questar

Project Description: Utah's State Energy Sector Partnership builds upon existing policies in order to establish a comprehensive statewide approach to workforce development for all renewable and energy efficiency sectors that will foster economic growth, job creation, and sustainability. The project will employ an enhanced Energy Academy One-Stop model which includes an energy core curriculum which integrates basic energy technician level training and specific occupational training in order to prepare participants for careers in targeted green industries. Additional program features include: a leadership structure that responds quickly to layoffs; employment assessment of at-risk workers; opportunities for disadvantaged youth in green careers; and identification of transferrable skill sets for green job training.

Proposed Outcomes: The grantee will implement a series of energy efficiency and renewable energy training and job placement programs. The initiative will place 1206 participants in jobs, provide 700 participants with certificates in WorkKeys, yield 456 nationally recognized degrees or certificates, and place 225 participants in apprenticeship programs. A total of 955 participants will be placed in unsubsidized, training-related employment.

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Washington

Grantee: Washington State Workforce Training and Education Coordinating Board

Auto-Impacted County Being Served: N/A

Industries of Focus: Energy Efficiency Construction for Commercial and Public Buildings

Participants Served: Dislocated workers, incumbent workers, at-risk youth, low-income adults, individuals with disabilities, and veterans

Amount: \$5,973,635

Key Partnerships: Washington Department of Commerce, Employment Security Department, Washington Workforce Association, Puget Sound Energy, McKinstry, Climate Solutions, Association of Washington Business Institute, Washington State Labor Council, AFL-CIO, Washington State Building and Construction Trades, AFL-CIO, Office of Apprenticeship Services, The Office of Opportunity, Center of Excellence for Energy Technology, Extension Energy Program, State Board for Community and Technical Colleges, Department of Veterans Affairs, Veterans Conservation Corps, Employment Security Department, and Department of Ecology

Project Description: The grantee will implement training and job placement assistance for targeted populations in high demand occupations needed for energy efficiency in commercial and public buildings. The grantee will utilize regional Navigators to provide training-related retention services. Washington State's Veterans Conservation Corp and Helmets for Hardhats will conduct outreach to and recruitment of veterans. The project will mobilize postsecondary investments in education and training in energy and energy efficiency to improve the K-12 pipeline of green skilled workers. The grantee will survey the green labor market bi-annually to measure employment and training trends.

Proposed Outcomes: Approximately 4,731 participants will be trained and placed in energy efficiency occupations. Participants may earn certificates in energy management, commercial energy auditing, residential energy auditing, commercial light auditing, and photovoltaic installation and design.

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West Virginia

Grantee: WorkForce West Virginia

Auto-Impacted County Being Served: Putnam

Industries of Focus: Commercial and Residential Building Construction, Retrofitting, and Installation; Wind, Water and Wastewater; Biopower/Biomass; and Green Entrepreneurship

Participants Served: Veterans, unemployed workers, and individuals with criminal records

Amount: \$6,000,000

Key Partnerships: West Virginia Workforce Investment Council, West Virginia Division of Energy; AC&S, Inc., McKinley and Associates, FRIEnergy, Inc., International Brotherhood of Electrical Workers, AFL-CIO, West Virginia's U.S. DOL Office of Apprenticeship, Mid-Atlantic Technology, Research, and Innovation Center, Center for Economic Options, Inc., The JOBS Project, Inc., Eastern West Virginia Community Action Agency, West Virginia Community and Technical College System, West Virginia Higher Education Policy Commission, West Virginia University, and West Virginia Development Office

Project Description: In order to diversify its energy portfolio and prepare its workers to meet emerging green energy needs, the West Virginia's GREEN- UP state energy sector partnership has developed a comprehensive research and training plan. Program funds will be utilized to: enhance education and training providers knowledge of targeted green industries; train current and future workers in building construction, retrofitting, and installation occupations; provide green basic skills and entrepreneurship training; and support the start up of two new community college programs; a wind energy technology certificate and A.A.S. degree program, and a water/wastewater treatment certificate program.

Proposed Outcomes: The grantee will serve 2,186 participants, with 1,853 completing education/training, and 1,672 entering employment. The program will provide 104 instructors with green professional development, 1,380 participants with green technical skills courses, 240 participants with basic green technical skills education, and 72 participants with green entrepreneur courses. In addition, 70 participants will receive water and/or wastewater certificates and 60 participants will receive wind energy technology certificates and AAS degrees.

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Wisconsin

Grantee: Wisconsin Department of Workforce Development

Auto-Impacted Counties Being Served: Kenosha and Rock

Industries of Focus: Energy Efficient Building Construction and Retrofit, Efficiency Assessment, Renewable Energy and Green Manufacturing, and Utilities/Smart Grid

Participants Served: Veterans, dislocated workers impacted by auto industry restructuring, individuals who are currently employed in the targeted trades and in need of updated green building or green manufacturing skills training, recipients of public assistance, and other low income individuals

Amount: \$6,000,000

Key Partnerships: Risser Energy Center of Wisconsin, Wisconsin Technical College System, Milwaukee Building and Construction Trades Council, Wisconsin Regional Training Partnership/Big Step, Bureau of Apprenticeship Standards, Office of Veterans Services, Milwaukee Area Workforce Investment Board, International Brotherhood of Electrical Workers Local 2150, Wisconsin Energy Corporation, Department of Commerce, Ruud Lighting, Wisconsin State AFL-CIO, Wisconsin Commission Action Program Association, Wisconsin Office of Energy Independence, and Wisconsin Energy Conservation Corporation

Project Description: The grantee will implement the Wisconsin Sector Alliance for the Green Economics (SAGE) project to provide green skills training in construction, manufacturing, and smart grid utility occupations within the energy sector. The grantee will create new apprenticeship programs such as Weatherization Technician, Energy Auditor, and Wastewater Treatment Plant Operator. The grantee will also enhance several existing apprenticeship programs including Sheet Metal Worker, Steamfitter, Construction Electrician, Electric Metering, Electric Line Worker, and Substation Electrician to prepare workers for long term careers working in the Smart Grid industry to incorporate renewable energy skills and green manufacturing training.

Proposed Outcomes: The grantee will energize existing energy efficiency and renewable energy related skilled trades through updated and new curriculum, train the trainer academies and workshops for journey workers, new apprentices, and currently enrolled apprentices. Approximately 2, 944 participants will complete training and receive a certificate or degree, and approximately 2, 503 participants will be placed in training related jobs.

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Wyoming

Grantee: Wyoming Workforce Development Council

Auto-Impacted County Being Served: N/A

Industries of Focus: Renewable Electric Power, Energy Efficient Building, Construction and Retrofit, Energy Efficiency Assessment, Deconstruction and Materials Use

Participants Served: Unemployed individuals, tribal members, individuals with a criminal record, veterans, at-risk youth, and dislocated workers

Amount: \$4,495,704

Key Partnerships: Wyoming Business Council, Casper College, Casper Area Economic Development Alliance Inc., Central Wyoming College, EnCana Corporation, Devon Energy Corporation, Creative Energies, Goshen County Economic Development Corporation, Paul Reed Construction, CLIMB Wyoming, Fremont County Board of Cooperative Education Services, Wyoming Contractors Association, Arapahoe Workforce Services, Tribal Employment Rights Office, Fremont County School District 25, Wind River Development Fund, Laramie County Community College, Eastern Wyoming College, Cheyenne LEADS, Big Horn Homebuilders Association, Habitat for Humanity of the Eastern Bighorns, Veterans Administration, and Wyoming Department of Family Services

Project Description: The grantee has endorsed eight local training projects that will train workers in energy efficient occupations. The projects will use mobile labs to provide training to individuals in remote or rural areas; will conduct outreach to disadvantaged populations to upgrade skills for work in the renewable electric power industry; and will focus on participant attainment of degrees or industry-recognized certificates.

Proposed Outcomes: Approximately 1,041 participants will be trained and placed in energy efficient occupations. Participants will earn industry recognized degrees or certificates in energy-efficient building; weatherization; energy management in heating, ventilation, and air-conditioning; and green construction.

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