

WIRED Energy Grants

M. Jeffreys

2/21/2008; updated 9/19/08

| WIRED Grant Program | Lead Agency Name/Project Title | Contacts | Partners | Description | Target Populations | Est. No. Job Placements |
|---------------------|---|--|--|---|---|---|
| JumpStart | The Council for Adult and Experiential Learning (CAEL)/Light Up Your Future: Education Today, Energy Tomorrow | Jo Winger de Rondon, 303.804.4670, jwdr@cael.org | Xcel Energy, United Power, IBEW 111, Denver Public Schools, Adams County School District and/or Jefferson County School District, Bismarck State College, The Virtual High School, Energy Providers Coalition for Education (EPCE), Center for Energy Workforce Development, Colorado Rural Cooperative Association, and Red Rocks Community College | Deliver a high-quality online education program to high schools in a tri-county Denver area, which will build the skill levels of high school students, create a pipeline for students into high-growth careers at local energy companies, and allow energy employers to address the critical shortage of multi-skilled technicians. Students will increase their awareness of the energy industry, knowledge of the necessary skills and be able to bridge into postsecondary education programs offered through partner colleges with industry-related degrees and certificates. | Low income, minority and female students in in high schools. | 15 students will be retained for 6 months in industry-related college programs, employment at local utility or continuing toward high school diploma. |
| JumpStart | Red Rocks Community College (RRCC)/Energizing Metro Denver's Workforce | Joan Smith, 303.914.6276, joan.smith@rrcc.edu OR Chuck Beck, 303.914.6342, chuck.beck@rrcc.edu | Jefferson County Schools, Denver Public Schools, Jefferson County Workforce Board, CEC, Colorado School of Mines, Colorado Energy Science Center, E-Star Colorado, Council for Adult and Experiential Learning, Colorado Association for Manufacturing Technologies, Links for Learning, Rockies Alliance for Process Technology, Suncor Energy, Xcel Energy, Metro Wastewater Reclamation, Coors Brewing Company, Shell Oil, Marathon Oil, BP America | RRCC ISOP degrees will produce job-ready techs by ensuring currency of RRCC industry-based curriculum and lab equipment; Improve STEM outcomes of students by integrating science and math modules into the RRCC Energy curricula taught in high schools; Expand the RRCC Energy curricula to additional school districts; Increase employment placement of underrepresented populations by promoting career pathways in energy across the region through a mobile training center (not funded by WIRED), and by opening four Community Learning Centers; Increase the competitiveness of the energy sector by advancing the skills of incumbent workers and improving workplace efficiencies. <u>Adults:</u> Enroll 120 in training. 50% will complete training, obtain a certificate, and be placed in employment. 95% of those will be retained in employment for at least 6 months. <u>Youth:</u> Enroll 125 youth in education or employment placements. 57 will complete training and earn certificates. 95% of those placed will retain employment for at least 6 months. | In addition to offering process tech courses in high schools with high minority enrollment and low CSAP scores, RRCC has opened 4 Community Learning Centers to reach underserved populations from two at-risk high schools in Jefferson County, the jeffco Workforce Center, and the Jeffco Action Center. | 60 adults; 57 youth? |
| JumpStart | Colorado MESA (Mathematics Engineering Science Achievement/CMEA~MESA WIRED Project | Gloria Nelson, 303.556.8568, gloria.nelson@cudenver.edu | Adams 12 and 14, Denver Public Schools, Weld County RE-1, Thompson R1-j, St. Vrain Valley, National Renewable Energy Laboratory, CU Boulder College of Engineering, MEP, WIEP, CSU College of Engineering, WMEP, CSM and MEP, AeA, LASP, CESC, Larimer County Workforce Development Center | MESA is a statewide network of P-16 after-school pre-collegiate and college-prep STEM skills and career pathways mentoring programs. With WIRED funding, MESA is accelerating the replication of its services for greater regional density. The MESA model provides a pipeline of graduates that flows into post-secondary schools through its post-secondary education partners (CU Boulder, CSM, and CSU). | Students from low- and moderate-income families; minority males and females | 1,309 students will be enrolled into the P-16 program. 100% of students enrolled will graduate from high school, and 90% of these will matriculate to 2- or 4-year higher education institutions. 95% of students will be retained in education programs for at least 6 months. |
| Innovation I | Adams County/Ensuring Oil Extraction for Adequate Energy | Judi Richendifer, 303.453.8655, jrichendifer@co.adams.co.us | Adams County Workforce & Business Center (lead), Front Range Comm. College, BJ Services, Center for Transportation Safety, Workforce centers in Boulder and Weld counties | Train 150 people for jobs as equip. operators, drivers and materials handlers. Adds intensive 4-day screening and training to existing program to improve recruitment and retention by accurately portraying the needed skills and day-to-day activities of the job. Stipends paid to participants through leveraged funds, and post-placement services to help workers maintain and advance in energy career. Duration of training: 4-day intensive plus 20 days driver/operator training. | Unemployed, underemployed adults, minorities, ex-offenders, and veterans | 135 |

WIRED Energy Grants

M. Jeffreys

2/21/2008; updated 9/19/08

| WIRED Grant Program | Lead Agency Name/Project Title | Contacts | Partners | Description | Target Populations | Est. No. Job Placements |
|---------------------|---|---|--|--|---|--|
| Innovation I | Turnabout/Power of Hope | Rev. Tina Yankee, 303.813.0005 or 720.290.3388, info@turnaboutprogram.org | Turnabout (lead), Denver's Division of Workforce Development, Aspen Companies, Rocky Mountain Chapter IED, United States Truck Driving School, Red Rocks Commun. College, C&C of Denver-Dept. of Safety | Provide soft skills and technical skills training to 70 non-violent ex-offenders for labor positions - commercial drivers, roughnecks, lease hands, lineman, pipeline hands, entry-level gas plant and entry-level general labor for exploration. Assist with employment search (incl. transportation assist., work boots, mobile phones) and ongoing case management for 6 months after employment). | Non-violent ex-offenders and deferred clients. | 50 |
| Innovation I | Employment Services of Weld County/Multi-Industry Systems Tech (MIST) | Linda Perez, 970.353.3800 x3363, lperez@co.weld.co.us | Employment Services of Weld County (lead), Aims Commun College. Greeley School District 6, Weld County School District RE8, Boulder and Adams County workforce regions, Brighten United Power, Energy Logic, Xcel Energy, and Workforce Board of Metro Denver. | Job training for energy and related indus. MIST Prep Academy - training on professional and foundational skills. MIST Certificate Level I and MIST Certificate Level II, employer-identified skills training for technician positions. Duration of training: Prep Academy is open entry/open exit; MIST Certs I and II are each 1 semester in length. | Out-of-school youth, dropouts, at-risk youth, unemployed and underemployed individuals, displaced workers and underrepresented populations. | 102 |
| Innovation I | Front Range Commun. College/Energy Boost - Basic Training for the Energy Industry | Lynn Vosler, 970.204.8176, lynn.vosler@frontrange.edu | Larimer County Workforce Board, Workforce of Boulder County, Employment Services of Weld County, Poudre R-1 and Thompson R1-J school districts, N. Colorado Economic Development Corporation, Vestas Blades, Platte River Power Authority, Woodward Governor, Resource MFG (recruiting students for 6 of 8 training sessions). | Provide 80 hours of energy basic training for entry-level positions. Training includes basic math (30 hours), understanding basic statistics and measurements (20 hours), intro to process tech. (15 hours), working in teams (5 hours), and communication skills in the workplace (10 hours). | Unemployed, underemployed, and dislocated workers, single parents, and high school graduates. | 130 |
| Innovation I | Goodwill Industries/Increasing the Energy Workforce Pipeline | Kristi Esbenshade, 303.650.7735, kesbenshade@goodwilldenver.org | DPS, International Brotherhood of Electrical Workers (IBEW), Xcel Energy, RTD, Red Rocks Comm. College, NREL, Denver Water, Denver's Division of Workforce Development | Assist DPS H.S. grads in obtaining entry-level, technical or field positions. Provides senior program manager to implement an energy career class at Montbello H.S. and another DPS H.S. Industry partners will provide mentoring, training, apprenticeships and jobs upon graduation. Red Rocks will host "Energy Career Summer Camp." | H.S. students in DPS - 20% female, 90% minority, 60% low-income. | 48 |
| Innovation I | iCAST/Building the Energy Efficiency Workforce for Colorado | Mark Palmer, 303.462.4100, mark@icastusa.org | Jefferson County Workforce Center (fiscal), Colorado Energy Science Center, Colorado School of Mines, Colorado Solar Energy Industries Assoc., CU-Boulder, CSU, IBEW 68, Denver Joint Electrical Apprenticeship & Training Comm., Xcel, Energy Outreach Colorado, NREL, Jefferson Economic Council | Estab industry advisory committee. Research existing training programs and curricula in Colo. Survey industry on needs re energy efficiency training. Provide four 2-week training programs , then provide curriculum through an online program. Also provide opportunities for participants to interact with industry partners for poss. employment. | Unemployed, underemployed, incumbent workers seeking job upgrade or career change. | 85 |
| Innovation II | Adams County/ Renewable Energy: Building a Skilled Workforce for Solar Solutions | Judi Richendifer, 303.453.8655, jrichendifer@co.adams.co.us | Agnes Talamantez Carroll & Assoc., B&H Industries, Ascent Solar, AVA Solar, Primestar Solar, Workforce Boulder County, Workforce Board of Metro Denver, Colorado Department of Corrections, Denver Works! | Increase awareness among unemployed and underemployed people that good jobs with opportunities for advancement are available in the renewable energy industry (spec. photovoltaic/solar); ensure that all participants in the program have math and reading skills at least at an 8th grade level (incl. remediation); provide a 7-session, 16-hour computer-based training in English and Spanish; pilot a paid, 4-year apprenticeship program for qualified ex-offenders; and provide case management and supportive services to ensure participants' success. | Unemployed and underemployed adults, ex-offenders, minorities and veterans | 35 participants will be placed in renewable energy jobs using WIA/Wagner Peyser funds. 268 participants are expected to retain employment for at least 6 months. |

WIRED Energy Grants

M. Jeffrey

2/21/2008; updated 9/19/08

| WIRED Grant Program | Lead Agency Name/Project Title | Contacts | Partners | Description | Target Populations | Est. No. Job Placements |
|---------------------|---|--|--|--|--|-------------------------|
| Innovation II | Office of Economic Development, Division of Workforce Development, City & County of Denver/Fueling the Energy Workforce | Tobin Lopes, 720.913.5408, tobin.lopes@denvergov.org | Adams County Workforce centers, Coors Brewing Company, Jefferson County Workforce Centers, Red Rocks Community College, Ridge View Academy, Suncor Energy USA, United Way, and Xcel Energy | Adams, Denver and Jefferson counties will link the services of workforce centers and education providers to: design/implement a Careers in Energy outreach program; develop and publish the Energy Career Guide; use existing assessment tools to measure entry-level competencies and interests; prepare older youth and adults for pre-employment workplace experiences (e.g. job shadowing, internships, apprenticeships) and position them for post-secondary certificates or associate degrees and entry-level jobs in the energy industry. | Underrepresented populations: women, minorities, low-income, veterans, people with disabilities, and ex-offenders. | 75 |
| Innovation II | Poudre School District/Poudre Workforce Partnerships Project | Kathy Hanson, 970.490.3652, kathyh@psdschools.org | Larimer County Workforce Center; Woodward, Inc.; TechniGraphics; Adecco; National Craftsmanship Center | Implement courses for high school students interested in clean energy and GIS technology manufacturing; implement workforce skills for h.s.students to prepare them for industry careers; engage local industry partners in sharing their expertise with h.s. students; place h.s. students/grads as employees in partner industries; assist students who are interested with information about enrollment in post-secondary institutions for further education in industry careers; and provide professional development and training for Poudre School District teachers through work with partners. | Poudre School District high school students/grads and teachers. | 30 |