

Green Jobs Project Summary

Tulsa Area Workforce Investment Board

October, 2009

- 1) Three Green Jobs Employers' Roundtables were held between February 17th and May 25th. Approximately 100 participants discussed energy efficiency, alternative energy generation, and Smart Grid implementation. Focus was on determining what jobs would be created, how soon, how many and what the training/skill requirements would be for each area.
- 2) As part of the iJobs Summer Youth Program (nominated as one of the best in the country), participants were enrolled in a "Green Jobs Academy". These individuals completed a three-week work readiness training session followed by a six-week work experience/OJT in green jobs with multiple employers.
- 3) Joint project with IBEW to provide unemployed journeymen with a certification in instrumentation. Instrumentation certification allows individuals to optimize power consumption of heavy equipment in process flow technologies such as bio-fuels production. This project formed the basis of a grant proposal to the Department of Labor for \$5 Million that would replicate the effort across a five state region (Oklahoma, Texas, Kansas, New Mexico and Arkansas).
- 4) Weatherization certification for parents of Head Start children and the unemployed. These individuals will be employed in DOE funded work to increase energy efficiency of low-income, single-family residences and other energy retrofit projects. NCCER Certification, OSHA required safety training, and 40+ hours of weatherization specific technical training.

5) Responses to ARRA RFPs:

- a) To DOE and USDA to create **“GREENPARK TULSA”** and recruit wind-turbine and other green manufacturing to Tulsa. This project will create an applied alternative energy training center and potentially hundreds of green jobs.
- b) To DOL to create a simulation-based commercial driver training program which would decrease fuel usage by long-haul truckers, fleet drivers, and public and school bus drivers (up to 15% reduction in carbon emissions and cost of fuel).
- c) To DOE’s National Renewable Energy Laboratory for research and commercialization of next generation wind turbine designs (create jobs in wind turbine design, manufacturing, installation, operation and maintenance).