

Utah State Energy Program

and the

American Recovery and Reinvestment Act (ARRA)

SWEEP Workshop
November 2009



Utah State Energy Program: Who are we?

Partnership with Department of Energy (DOE) and the States

- Working with DOE, state energy offices address long-term national goals to:
- Increase the energy efficiency of the U.S. economy.
- Reduce energy costs.
- Improve the reliability of electricity, fuel, and energy services delivery.
- Develop alternative and renewable energy resources.
- Promote economic growth with improved environmental quality.
- Reduce our reliance on imported oil.
- <http://geology.utah.gov>

Cost Savings from the State Energy Program



State Energy Program Leverages Additional Investment



Utah State Energy Program Recovery Opportunities

- \$35 million: State Energy Program Formula Grant
- \$9.5 million: Energy Efficiency and Conservation Block Grant
- \$2.5 million ENERGY STAR Residential Appliance Rebate Program Grant
- \$460,000: Energy Assurance Planning Grant (10% awarded, detailed proposal due in October).
- All funding to be spent over 3-years.

Other Recovery Funds Awarded in Utah

- Weatherization Program ~\$37.8 million
 - Low Income Housing Energy Retrofits
- Utah Clean Cities Coalition ~\$15 million
 - Alternative fuel infrastructure, i.e., CNG, LG, and electric fueling stations
- Direct Energy Block Grants to Cities and Counties ~\$18million (\$6 million to UT tribes)
 - energy retrofits and renewable energy on buildings

SEP ARRA FORMULA GRANT

- \$35,362,000 available to Utah SEP
- SEP Goals (established by DOE):
 1. Increase energy efficiency to reduce energy cost and consumption for consumers, businesses and government.
 2. Reduce reliance on imported energy.
 3. Improve the reliability of electricity and fuel supply, and the delivery of energy services.
 4. Reduce the impacts of energy production and energy use on the environment.
- Complete Summary available:
http://geology.utah.gov/sep/stimulus/sep_formula.htm

SEP ARRA FORMULA GRANT

Performance Categories:

- Jobs Created
- Energy Saved
- Renewable Energy Installed/Generated
- Greenhouse Gas Emissions Reduced
- Energy Cost Savings
- Funds Leveraged

SEP ARRA FORMULA GRANT

Distribution of Funds by Market:

- **Buildings**..... \$21,382,544 (60.5%)
- **Electric Power and Renewable Energy**..... \$11,090,000 (31.4%)
- **Energy Education**..... \$610,000 (1.7%)
- **Industry**..... \$300,000 (0.8%)
- **Policy Planning and Energy Security**..... \$490,000 (1.4%)
- **Transportation**..... \$346,937 (1.0%)
- **Administration**..... \$1,142,519 (3.2%)

SEP ARRA FORMULA GRANT

Buildings:

- Residential and Commercial Energy Training
- Advanced Energy Strategies for Buildings
- Whole Home Audit and Energy Efficiency Retrofit Program
- Builder Rebates for High Performance Homes
- Direct Installation Insulation Program
- Energy Efficiency in State Buildings
- Energy Efficiency Grants for Schools Utah SEP Public School Revolving Loan Fund
- Competitive Grants for Energy Efficiency in the Building Sector (*pending federal review*)

SEP ARRA FORMULA GRANT

Electric Power and Renewable Energy:

- Renewable Energy Grants for State-owned Buildings
- Renewable Energy Grants for Public Schools and Institutions Renewable Energy Rebate Program Renewable Resource Assessment Programs Competitive Grants for Renewable Energy (*pending federal review*)

SEP ARRA FORMULA GRANT

Energy Education:

- Energy Outreach, Education, and Marketing Campaigns
- Utah Energy Statistics Data Education

Industry:

- Energy Education and Efficiency Consultation for Industry

SEP ARRA FORMULA GRANT

Policy, Planning and Energy Security:

- UREZ Incentive Program and UGREEN Authority
- UREZ Task Force, Phase II

Transportation:

- Alternative Fuel Education and Outreach

Energy Efficiency and Conservation Block Grant (EECBG)

- Department of Energy awarded \$9,593,500 to Utah State Energy Program (USEP) in October.
- USEP will issue subawards to eligible local governments.
- Subawards will be on a competitive basis.

EECBG Eligible Projects

- Conducting energy audits.
- Developing energy policy.
- Retro-commissioning.
- Installing renewable energy technologies on govt. facilities.
- Replacing street and traffic lights.

EECBG Timeline

- DOE approval-October
- USEP request for grant applications (RGA)-
November
- RGA due-January
- Awards-February 2010
- Funds spent by 2012

State Energy Efficiency Appliance Rebate Program (SEEARP)

- Utah SEP eligible for ~\$2.6 million
- Applied for funding in October
- Partnering with Utah Utilities
 - *Utilities providing in-kind match for administration*
- Utah SEP will contract out with vendor for administration of the program
- Program will start February 2010
- Funds could be expended as soon as December 2010
- ENERGY STAR appliances will compliment existing utility rebate
- All Utah residence will be eligible

Partners and Collaboration

- NGOs
- Utilities
- Governor's Office
 - Energy Advisor
 - Planning and Budget
 - Economic Development
- State Agencies and Institutions
 - Facilities
 - Workforce Services
 - ATCs and Higher Education
- Local government
- Local business
 - Financial Institutions
 - Energy related firms
- Others...

QUESTIONS?

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<http://geology.utah.gov/sep>