



ARRA- Successes & Life After April 2012

Alexander Scott
Energy Efficiency Development
Coordinator
Utah Office of Energy Development

Overview

- ARRA Programs and Accomplishments
- Creation of the Office of Energy Development
- Post ARRA Vision



State of Utah

Office of Energy Development



ARRA Programs and Accomplishments

- UBEES
- EECBG Projects
- Industrial Energy Efficiency Program
- Utah Schools Grant and Loan Program
- Utah Home Performance



UBEEES

Utah Building Energy Efficiency Strategies

- Received the 2011 Energy Star Partner Award from the EPA
- Benchmarked 253 and assisted with benchmarking 153 commercial buildings into Energy Star Portfolio Manager
- Held 16 monthly “Energy Code Compliance Capitol Morningside Trainings”
- Hosted workshops on financing, marketing and education

Energy Efficiency Conservation Block Grant Projects

- **UAMPS** 14 municipalities for LED street lighting, energy savings reinvestment stipulation
- 36 other municipalities and counties used funds for:
 - Lighting (indoor, street)
 - Energy Assessments
 - HVAC/Insulation/Windows





- Series of 14 technical trainings
- Webinars and presentations available online
- Shifting focus to “C-suite”
- Recognition for top performing participants

- Energy Efficiency, What's New on the Horizon – 5/2010
- Fundamentals of Compressed Air - 9/2010
- Smooth it out Presentation - 9/2010
- Storage for Air Compressors - 9/2010
- Unwinding the Spin on VSD - 9/2010
- Optimizing Pumping Systems - 10/2010
- Pumping Systems Assessment Training - 10/2010
- Steam System Specialist Qualification Training - 1/2011
- Optimizing Fan Performance - 3/2011
- Practical Energy Management - 4/2011
- Process Heating - 5/2011
- Steam System Assessment Training - 6/2011
- Evaporative Cooling - 8/2011
- Chilled Water Systems - 8/2011

School Grant & Loan Program

- 11 Districts
- 36 Schools
- Split Loan/Grant Incentive
- Boiler Controls & Lighting

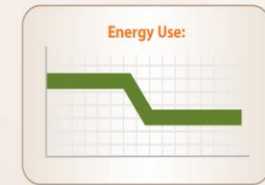


PROGRAM PARTNER TRAINING



1. Contractor and Analyst Companies are recruited to be Program Partners and receive training.

85 program partners recruited



7. Program Partner conducts final Home Performance Assessment.

28% average energy savings per home



2. Homeowner takes online energy survey and receives referral for Participating Partner.

6500 homeowners accessed online resources



3. Program Partner conducts Home Performance Assessment (HPA) and provides a comprehensive report with recommendations for achieving at least 20% energy savings.

2044 HPAs conducted



4. Homeowner receives bids from Program Partner for energy efficiency work.

46% HPA to retrofit conversion rate



6. Participating Contractor performs energy efficiency improvements that achieve at least 20% energy savings.

\$5000: average cost of home improvements



5. Homeowner reserves funds from Utah Home Performance.

\$2000 per home available for upgrades



8. Homeowner receives a check!

933 completed projects

Preserve Energy for UTAH

following the path towards energy efficiency

Creation of the Office of Energy Development

- **Created in 2011 by House Bill 475**
 - Operating for approximately 180 days
- **Progress Energy Development**
 - Single point of contact
 - Development of all energy resources
 - Shape and implement policy
 - Assists industry and citizens
 - Streamline processes with state and federal agencies
 - Track data

Strategic Objectives

Create & Implement Policy for the Governor, Legislature and State

- Promote the goals and strategic recommendations outlined in Utah's 10-Year Strategic Energy Plan, legislative initiatives and state policies and directives.

□ **Industry Assistance**

- Guide energy development projects through the regulatory, permitting and economic development processes, and will support job creation for Utah.

□ **Relationship Building**

- Be a central hub within Utah through the establishment of a network of energy stakeholders.

□ **Funding Opportunities**

- Seek funding sources to carry out and support the implementation of energy projects and programs.

□ **Energy Education**

- Raise the level of energy awareness through educational programs, public outreach campaigns and technical assistance services.

ARRA + Objectives for OED= Post ARRA Plans

- Home Energy Score Pilot Phase II
- Next Phase of the UIEEP Program
- Continuation of UBEEES commercial roundtables
- Examination of potential CHP applications in the Uintah Basin

February 15, 2012

SAVE THE DATE!



The Utah Governor's
ENERGY DEVELOPMENT SUMMIT
Salt Palace Convention Center

February 15, 2012

Please join the Office of Energy Development and partners for the 2012 Utah Governor's Energy Development Summit. The summit will highlight **Utah's 10-Year Strategic Energy Plan** and provide industry insight and education in existing and emerging technology fields.

- ★ National and State Keynote Speakers
- ★ Energy Resource and Development Breakout Sessions
- ★ Trade Show

Salt Palace Convention Center: 100 South West Temple, Salt Lake City, Utah
For More Information Visit: <http://www.energy.utah.gov>



Office of Energy Development



Alexander Scott 801.536.4194 alexscott@utah.gov