

# **STAC - State Technologies Advancement Collaborative**

## **Program Status**

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NASEO Annual Meeting  
September 14, 2005

# Summary

- Currently in the third year of projected five-year pilot program
- Feb 2004 - Completed first solicitation
  - Broad-based energy efficiency RDD&D and H2 education
- Feb 2005 - Completed unique Science Solicitation
  - Energy efficiency and fossil energy
- May 2005 - Absorbed Rebuild America Program
- Oct 2005 - Selection planned for second broad-based solicitation
  - Includes Rebuild America
- August 2005 - Permanent program authorized in Energy Bill
- FY 2006 - Funding is an issue
  - Reduced Rebuild and no directed STAC funding

# Program Solicitations

## **Feb 2004 - Initial RDD&D solicitation**

- 16 Projects
  - 5 Building; 5 Industrial; 1 Transportation; 2 DER; 3 Hydrogen
  - \$7.4 Million STAC (H2 partially funded) - Total \$17.4 million

## **Feb 2005 - Science solicitation**

- Eight Projects
  - 1 Materials; 2 Fuels and Chemicals; 2 Sensors and Controls; 2 Energy Conversion; 1 Emissions Reduction and Environmental
  - \$4.3 Million STAC - Total \$6.4 million

# Program Solicitations

## **Oct 2005 - Second RDD&D solicitation selections planned**

- Includes Rebuild 2005
- 61 Proposals received
- 10 Buildings; 9 Industrial.; 10 Transportation; 11 DER; 21 Rebuild America
- \$30 Million from STAC requested
- Total of \$78 million requested
- \$5 Million STAC funding available, including \$1.35 million for Rebuild America

# Project Results

- Truckstop Idling
  - Operational at 160 spaces in SC, GA, NC
  - 50,000 gal./qtr. fuel savings; emissions reductions
- H2 Education - DOE Program Review in April 2005
  - Several courses completed; websites, seminars, demonstrations, and outreach underway
- Most projects in testing, data gathering, and monitoring phases
- QUARTERLY REPORTS ON WEBSITE  
[www.stacenergy.org](http://www.stacenergy.org)

# Organizational Progress

## Administrative

- Multi-State process is now routine
- Joint planning (DOE/States)
  - Routine
  - Second solicitation planning went extremely well
  - Lessons learned from first solicitation
- Continued success with volunteer reviewers
- Overhead expenses are on target

# Organizational Progress

## Absorption of Rebuild America

- May 2005 - Transition of revamped program complete
- New centrally coordinated National Lab technical support activity
  - ORNL lead, with LBNL, PNL, NREL
- Increased EPA (Energy Star) support and coordination
  - Business Partners, Energy Smart Schools

# Organizational Progress

## Absorption of Rebuild America

- STAC procurement
  - 21 proposals received
- *Aug 30 - SEP Special Projects announced*
  - *37 projects; \$3.5 million*
- In abeyance pending FY2006 funding resolution
  - Local government solicitation
  - Strategic Partners
  - Strategic planning

# Recap

- Two solicitations are complete and projects are underway
- One solicitation to be awarded in October
- Administrative processes are now routine
- Rebuild America has been reconfigured and absorbed
- New funding remains unresolved