



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

pennsylvania PA

American Recovery and Reinvestment Act

DEP Update

September 16, 2010



RECOVERY.GOV





Pennsylvania DEP ARRA Program Goals

- *Create jobs and enduring opportunities for employment.*
- *Increase the amount of renewable and alternative energy generated in PA*
- *Save energy dollars in PA through conservation and efficiency*
- *Maximize matching private sector investments to spread the impact of ARRA funding*
- *Create long-term assets that operate for 10 to 25 years.*



ARRA Energy Funding Overview

\$136.5 Million for Energy Programs:

- \$99.6 Million for the State Energy Plan (SEP)*
 - \$23.5 Million for Energy Efficiency and Conservation Block Grant (EECBG)*
 - \$11.9 Million for Home Heating Equipment Rebate Program*
-
- \$1.3 Million for Energy Assurance Planning*
 - \$350,000 for “Save Energy Now” Industrial Energy Efficiency Assessment Program*

Note: \$253 million is also allocated to the Weatherization Assistance Program under the Department of Community and Economic Development



Overall Economic Impact of ARRA Energy Program Funding

***166 grant projects, 2 loan programs, 2
rebate programs***

- *Total ARRA funding:* *\$136.5 million*
- *Approximate total investment:* *Over \$1 billion*



State Energy Plan: Green Energy Works!

- *\$99.6 million awarded to 54 projects in varying initiatives (Biomass, geothermal, etc.)*
- *Program dollars are 90% obligated.*
- *\$24.5 million reimbursed to grantees to date, ranking PA 3rd in the country for SEP funds spent.*
- *Project progress:*
 - *7 projects are completed;*
 - *7 projects are 75% or greater completed; and*
 - *Approximately 40% of all other projects are 50% or greater completed.*



State Energy Plan: Green Energy Works! Green Energy Loan Fund

- *\$12 million in ARRA capital leveraged by match of \$36 million from The Reinvestment Fund (TRF), the fund manager, to create a \$48 million revolving loan fund.*
- *Supports high efficiency buildings and businesses.*
- *Program is open and accepting applications.*
- *Anticipate announcement of first project loans in Fall.*



EECBG: Conservation Works!

- *\$22.1 million awarded to 103 projects for local governments and non-profits.*
- *Over \$11 Million in grant funding has been advanced to grantees to date, ranking PA 1st in EECBG funds spent.*
- *Project Progress:*
 - 12 projects are completed;
 - Fourteen projects are 75% or greater completed; and
 - Nearly 40% of all other projects are more than 50% completed



Home Heating Equipment Rebates

- *\$11.9 million Formula Grant*
- *Rebates for non-electric hot water heaters, furnaces and boilers*
 - *Last meeting, 4,900 reservations.*
 - *This meeting, over 20,000 reservations.*
- *All rebate funds have been reserved*
- *More than \$1.7 million has been paid to date*
- *More than 5,000 rebates have been approved for payment*
- *More than 2,000 rebates are in a waitlist queue*



Leaking Underground Storage Tank (LUST) Cleanup

- Fund investigation and remediation actions at regulated sites that are abandoned or where owners/operators are incapable (e.g. insolvent) or have refused to respond to releases of petroleum products.
- DEP received grant award from U.S. EPA of \$6,163,000 in August 2009, expires on Sept 30, 2011.
- DEP is implementing actions at 70 abandoned and shutdown sites (40 different counties) where property re-use may be jeopardized by suspected or known environmental contamination.
- As of the end of August 2010, \$4 million worth of work is completed and the remaining grant monies are obligated in contracts for work in progress.
- As of 8/20/10, PA is 6th in nation in most LUST grant \$ drawdown (1st of the EPA Region 3 states).

ARRA LUST PROGRAM PROJECT:

Malcolm's Auto Site

Warrington Twp, Bucks County



- Shutdown since April 2002, tank system in non-compliance.
- Located along Easton Rd (Rt 611).
- Township has targeted corridor for redevelopment.
- Owner deceased, estate has been unable to respond.

- Seven failed tanks and dispensers were removed by a WBE certified tank contractor.
- 965 tons of contaminated soil have been removed from the site.





Diesel Emission Reduction Act Update

State Clean Diesel Grant Program

- Total awarded/reimbursed to sub-grantees: \$1.73 million/\$965,000
- EPA granted the program a 6-month extension until 3/31/2011

National Clean Diesel Funding Assistance Program

- Total awarded/reimbursed to sub-grantees: \$1.5 million/\$470,000
- EPA granted the project a 1-year extension until 9/30/2011

Clean Diesel Emerging Technologies Grant

- Total awarded/reimbursed to sub-grantees: \$1.5 million/\$660,000
- EPA granted the project a 6-month extension until 4/30/2011



ARRA 604b Program Funding Overview and Status

- *\$1.568 million in funding to support Surface Water Quality Assessment Projects and Water Quality Criteria Development Projects.*
- *To date, \$ 469,883 (30%) has been expended.*
- *Project Status:*
 - 6 Surface Water projects total: 2 are complete; 1 is 50% complete; 3 with data collection in progress.
 - 2 Water Criteria projects; both projects with data collection in progress.



ARRA 604b Project List

- *Surface Water Quality Assessment Support Projects*
 - ❑ *Stream Water Quality Monitoring*
 - ❑ *State-wide Large River Protocol Survey*
 - ❑ *Remote Sensor Water Quality Monitoring*
 - ❑ *Regional Large River Fish Assessment*
 - ❑ *Regional Stream Biological Assessment*
 - ❑ *Watershed Assessment Model Development*

- *Water Quality Criteria Development Projects*
 - ❑ *Thermal Study for Temperature Criteria Review & Development*
 - ❑ *Nutrient / Aquatic Life Impact Assessment Study for Nutrient Criteria Development*



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

pennsylvania PA

Questions?

Andrew G Place
Deputy Secretary, OETD
aplace@state.pa.us
(717) 783-0540



RECOVERY.gov

