

State Energy Plan Update

September 10, 2009





PA Green Energy Works – Program Update

(review from April)

- Sustainable Business Recovery
- Sustainable Heat and Power
- Clean Biogas
- Solar Projects
- Wind Initiative
- Green Development Loan Program
- Geothermal Buildings



Sustainable Business Recovery

- State Energy Plan approved by DoE July 7. Negotiation of grant agreements began at that time
- “Mined” grants from 2008
 - 5 PEDA grants – work completed on 2
 - 12 Energy Harvest grants –
- PA Energy Development Authority 2009 Grants
 - Grants announced August 10, 2009
 - \$10 million in 12 grants



Combined Heat & Power

- \$11.3 million to provide large non-profit institutions with on-site plants that make both electricity and steam for heating, cooling and other operations.
- Timeline
 - Public comment closed August 25
 - Applications opened September 8 and close October 6
 - Grants announced November 6



Clean Biogas

\$5 million to install bio-digesters that convert wastes from agriculture, food processing and other process into clean-burning gas.

■ Timeline

- Public comment closed August 25
- Applications open September 21 through October 23
- Grants announced November 20



Solar Project Funds – 2 Phases

- \$7 million in grants for deployment of solar projects
 - Public comment closed August 25
 - Applications open October 5
 - Grants announced December 4
- \$9.3 million in grants deployment or manufacturing
 - Using fourth tranche of ARRA-SEP funds
 - Grants announced June 7, 2010



Green Development Loans

- \$12 million to leverage the creation of a \$48 million in revolving loans to support high efficiency buildings and businesses.
- Timeline
 - Release RFP for lender(s) to provide loans focused on energy saving projects that will create or retain jobs September 25.
 - Get \$4 million of capital into loans by December 31 and the remaining \$8 million by June 30, 2010.



PA Wind Initiative

- \$20 million in wind project grants to support equipment and transmission interconnection expenses.
- Using third tranche of ARRA-SEP funds
- Timeline
 - Guidelines for public comment November 2 through 13
 - Applications open November 23 & close December 24
 - Grants announced January 15



PA Geothermal Buildings

- \$14.8 million to fund the incremental costs of geothermal equipment that will save up to 60% of heating and cooling costs in new homes, schools, non-profits and local governments.
- Using fourth tranche of ARRA-SEP funds
- Time line
 - Guidelines open for public comment May 3, 2010 through May 28
 - Grants announced June 25, 2010



PA Conservation Works !

- Program Closed August 14th
- Received Over 500 applications
- Requesting Over \$ 63 Million
- Available Grant Dollars = 22 Million
- Currently Being Scored
- Projected Award Date October 9th



ARRA – Competitive Grants

- \$12.2 billion in competitive energy grants
 - \$76 million received by Pennsylvania companies to date
 - East Penn Battery - \$32.5 million
 - Powerex, Inc. - \$8 million
 - Enersys - \$40 million
 - \$815 in active applications from Pa companies
 - Opening fall of 2009 - \$60 billion in loan guarantees and \$455 million in energy efficiency grants



Automated Grants Process

- eGrants – Web-based application package.
 - Created by DCNR and modified to meet our requirements
 - First use, Conservation Works! program opening June 2009.
- eDART – automated grants management and reporting system
 - Testing now in process
 - Application will go live with the Conservation Works! grants
 - Existing ARRA-funded grants will be imported to provide uniform QC