



American Recovery and Reinvestment Act



U.S. DEPARTMENT OF ENERGY • PENNSYLVANIA RECOVERY ACT SNAPSHOT

Funding for selected DOE projects: **\$807.9** million

DOE Recovery Act projects in Pennsylvania: **86**

Clean energy tax credits and grants: **36**

For total Recovery Act jobs numbers in Pennsylvania go to www.recovery.gov

Pennsylvania has substantial natural resources, including coal reserves, wind power and abundant hydropower. The **American Recovery and Reinvestment Act (ARRA)** is making a meaningful down payment on the nation's energy and environmental future. The Recovery Act investments in Pennsylvania are supporting a broad range of clean energy projects, from energy efficiency and the smart grid to wind and geothermal, hydro and biofuels. Through these investments, Pennsylvania's businesses, non-profits, and local governments are creating quality jobs today and positioning Pennsylvania to play an important role in the new energy economy of the future.

EXAMPLES OF PENNSYLVANIA FORMULA GRANTS

| Program | State Energy Program | Weatherization Assistance Program | Energy Efficiency Conservation Block Grants | Energy Efficiency Appliance Rebate Program |
|---------------------|---|--|--|--|
| | \$99.7 | \$252.8 | \$102.5 | \$11.9 |
| Award (in millions) | The Pennsylvania Department of Environmental Protection has received \$99.7 million to invest in state-level energy efficiency and renewable energy priorities. | The Commonwealth of Pennsylvania has received \$252.8 million to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions and saving money for Pennsylvania's low-income families. Over the course of the Recovery Act, Pennsylvania expects to weatherize nearly 29,600 homes. | Forty-three communities in Pennsylvania received a total of \$102.5 million to develop, promote, implement, and manage local energy efficiency programs. | The Pennsylvania Department of Environmental Protection has received \$11.9 million to offer consumer rebates for purchasing certain ENERGY STAR® appliances, which reduce energy use and save money for families, while helping the environment and supporting the local economy. |

EXAMPLES OF PENNSYLVANIA COMPETITIVE GRANTS AND TAX CREDITS

| | | | | |
|-------|---|---|--|--|
| Award | \$211.6 million | \$200 million | \$32.5 million | \$21 million |
| | Pennsylvania received twenty-nine 1603 payments for renewable energy generation totaling \$211.6 million , which include solar, wind biomass, and geothermal projects. For example AES Armenia Mountain Wind LLC received \$69.5 million for a wind facility. | PECO Energy Company in Philadelphia was awarded a Smart Grid Investment Grant for \$200 million . The funds will be used to deploy smart meters to the company's 600,000 customers and upgrade communications infrastructure on the state's electrical grid. | East Penn Manufacturing Company in Lyon Station was awarded \$32.5 million to construct a facility to produce 4.2 million advanced batteries for hybrid electric vehicles. | Pennsylvania State University was awarded \$21 million for an Energy Frontier Research Center to research the conversion of biomass into fuels. |

Funding Allocation Table (Figure 1)

Total dollar amounts in this document are accurate as of June 1, 2010. Please note that Recovery Act Programs are ongoing and the dollar amounts are subject to change. Recipient locations are based on project sites rather than recipients' headquarters locations.

| Recovery Act Pillar | Flagship Program Names & Funding Type ¹ | Number of Selections | Selected Amount (in millions) ² |
|--|---|----------------------|--|
| Energy Efficiency | <i>Weatherization Assistance Program (F)</i> | 1 | \$252.8 |
| | <i>State Energy Program (F)</i> | 1 | \$99.7 |
| | <i>Energy Efficiency and Conservation Block Grant (F)</i> | 43 | \$102.5 |
| | <i>Energy Efficient Appliance Rebate (F)</i> | 1 | \$11.9 |
| | <i>Building Energy Efficiency (CM)</i> | 2 | \$1.7 |
| | <i>Industrial Energy Efficiency (CM)</i> | 3 | \$0.5 |
| | <i>Additional Programs (CM & C)</i> | 1 | \$1.7 |
| | TOTAL Energy Efficiency | 52 | \$470.8 |
| Renewable Energy | <i>Solar (CM)</i> | 4 | \$2.8 |
| | <i>Wind (CM)</i> | 1 | \$0.8 |
| | <i>Geothermal (CM)</i> | 1 | \$1.1 |
| | TOTAL Renewable Energy | 6 | \$4.7 |
| Electric Grid | <i>Smart Grid Investment and Demonstrations Project (CM)³</i> | 5 | \$235.4 |
| | <i>State and Local Energy Assurance and Regulatory Assistance (F)</i> | 3 | \$2.7 |
| | <i>Smart Grid Workforce Training (CM)</i> | 2 | \$5.7 |
| | TOTAL Electric Grid | 10 | \$243.8 |
| Transportation | <i>Advanced Battery Manufacturing (CM)</i> | 2 | \$38.5 |
| | <i>Advanced Fuels (CM)</i> | 1 | \$21.8 |
| | TOTAL Transportation | 3 | \$60.3 |
| Carbon Capture and Storage | <i>CCS Projects (CM)</i> | 2 | \$1.7 |
| | <i>Research and Training (CM)</i> | 2 | \$0.6 |
| | TOTAL Carbon Capture and Storage | 4 | \$2.3 |
| Science and Innovation | <i>Advanced Research Projects Agency - Energy (ARPA-E) (CM)</i> | 2 | \$2.5 |
| | <i>Energy Frontier Research Centers (CM)</i> | 1 | \$21.0 |
| | <i>Small Business Research (SBIR/STTR) (CM)</i> | 5 | \$0.7 |
| | <i>National Laboratory Facilities (C)</i> | 1 | \$0.3 |
| | <i>Additional Programs</i> | 2 | \$1.5 |
| | TOTAL Science and Innovation | 11 | \$26.0 |
| TOTAL - DOE Programs⁴ | | 86 | \$807.9 |
| Tax Credits/ Grants ⁵ | <i>Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)</i> | 29 | \$211.6 |
| | <i>Clean Energy Manufacturing Tax Credits (48C)</i> | 7 | \$17.6 |
| | TOTAL Tax Incentives | 36 | \$229.2 |
| TOTAL - DOE/Treasury + DOE | | 122 | \$1,037.1 |
| ¹ F=Formula Grant, CM=Competitive Grant, C=Contract | | | |
| ² " Selected" indicates DOE has selected a potential funding recipient, which begins the process of negotiating an agreement. This does not necessarily indicate that a final agreement has been reached. | | | |
| ³ Projects may cross state boundaries, signifies HQ location. | | | |
| ⁴ Total does not include administrative funds. | | | |
| ⁵ Jointly administered by DOE and the U.S. Department of Treasury. | | | |