

The American Recovery and Reinvestment Act

Department of Energy Funding

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Department of Energy

- Received funding to support a number of opportunities. Highlights include:
 - Office of Energy Efficiency and Renewable Energy
 - Energy Efficiency and Conservation Block Grants
 - Advanced Research Projects Agency – Energy (ARPA-E)
 - Innovative Technology Loan Guarantee Program
 - Advanced Battery Manufacturing Grants
 - Office of Fossil Energy

Office of Energy Efficiency and Renewable Energy

- \$2.5 billion appropriated for applied research, development, demonstration and deployment, including:
 - \$800 million for Biomass Program
 - \$93 million to support wind energy projects
 - \$400 million for Geothermal Technologies Program
- \$400 million for Transportation Electrification projects
- \$300 million for Energy Efficient Appliance Rebate Program and ENERGY STAR®
- \$300 million for an Alternative Fueled Vehicles Pilot Grant Program

Energy Efficiency and Conservation Block Grants

- \$3.2 billion in total funding authorized, \$2.8 billion in direct formula grants now available to eligible entities - which includes states, territories and local governments
- Funding to support activities that reduce fossil fuel emissions, reduce energy consumption and improve energy efficiency
- Funding may support a wide range of activities provided they accomplish the above goals
- June 25th Deadline for Applications for all Entities

Advanced Research Projects Agency - Energy

- \$400 million authorized to support high-risk, high-payoff research to accelerate the innovation cycle for both traditional and alternative energy sources and efficiency
- Eligible recipients include for-profit and non-profit entities, academic institutions, research foundations and collaborations
- Funding is to support “transformational energy-related technologies”
- Potential applicants are to submit a concept paper no later than June 2nd

Innovative Technology Loan Guarantee Program

- \$6 billion appropriated to cover the costs of guarantees made under this section for renewable technologies and transmission technologies
- Includes renewable energy systems such as:
 - incremental hydropower
 - electric power transmission systems
 - leading-edge biofuels projects at the pilot demonstration scale
- Supports \$60 billion of loans

Advanced Battery Manufacturing Grants

- \$2.4 billion in funds to support next-generation plug-in hybrid electric vehicles (PHEV) and their advanced battery components, including:
 - \$1.5 billion in grants to U.S. manufacturers producing high-efficiency batteries and their components;
 - \$500 million in grants to U.S. manufacturers producing other components needed for electric vehicles, such as electric motors; and
 - \$400 million for projects that demonstrate and evaluate plug-in hybrids and other electric infrastructure concepts

Office of Fossil Energy

- \$3.4 billion for research, development and deployment of technologies to use coal cleanly and efficiently including:
 - \$1.0 billion for fossil energy research and development programs
 - \$800 million for the Clean Coal Power Initiative Round III FOA
 - \$1.52 billion for a range of industrial carbon capture and energy efficiency improvement projects, including a small allocation for innovative concepts for beneficial reuse of carbon dioxide (CO₂)
 - \$50 million for site characterization activities in geologic formations (in the context of CO₂ sequestration in geologic formations)
 - \$20 million for geologic CO₂ sequestration training and research grants