



Recovery Update from the Iowa Office of Energy Independence

June 29, 2009

The Department of Energy (DOE) has announced **\$3.4 billion** in funding for its **Smart Grid Investment Grant Program**.

- The program's goal is to accelerate the modernization of the nation's electric transmission and distribution systems and to promote investments in smart grid technologies, tools, and techniques
- Funding will be used to support the manufacturing, purchasing, and installation of smart grid devices and related technologies for immediate commercial use in electric system and customer-side applications
- Eligible applicants include electric power companies, investor-owned utilities, municipal utilities, electric cooperatives, regional organizations, state and local governments, and higher education institutions, among others
- Applicants may be awarded up to 50% of eligible project costs
- 40% of program funding will be used for smaller projects ranging from \$300,000 to \$20 million
- 60% of program funding will be used for larger projects ranging from \$20 million to \$200 million
- Applicants must submit a letter of intent by July 16, 2009 for the program's first phase and the first applications will be due by August 6, 2009

DOE also announced **\$615 million** in funding for **Smart Grid Demonstrations**.

- Funding will be used to demonstrate technologies across the country that embody characteristics of each region and thus provide effective examples for national implementation and replication
- One area of interest seeks to support demonstration projects which quantify smart grid benefits and costs, verify technology viability, and validate new business models
- Another area of interest seeks to support demonstration projects for utility-scale energy storage installations
- Eligible applicants include state and local governments, higher education institutions, non-profit organizations, and private entities
- Applicants may be awarded up to 50% of the total allowable costs
- Applicants may apply for both this and the Smart Grid Investment Grant Program, although they must be for distinctly different projects and cannot use funding from both programs for a single project
- The deadline for applications is August 26, 2009

In addition to the smart grid opportunities, DOE provided final guidance for several other sources of federal funding.

- \$45 million is available for the creation of a **large wind turbine drivetrain testing facility**



- Up to \$240 million is available for the development and demonstration of **efficient heavy-duty tractor-trailers** and for greater **thermal efficiencies in light-duty vehicles**
- \$15 million was announced for the research, development, and demonstration of small, medium, and large **combined heat and power projects**
- \$10.5 million is available for organizations which DOE may partner with to assist local governments in **accelerating solar energy deployment**

The **U.S. Department of Agriculture (USDA)** recently announced two funding opportunities as well.

- USDA is offering \$51.6 million in funding for **renewable energy and energy efficiency improvements** for agricultural producers and rural small businesses
- USDA is also providing \$6 million for **feasibility studies** for renewable energy improvements to agricultural producers and rural small businesses
- The links for both opportunities can be found below

Finally, DOE has announced that the deadline for the states, cities, and counties applying to DOE for **Energy Efficiency & Conservation Block Grants** funding has been moved from June 25, 2009 to August 10, 2009.

- This modification only affects those cities and counties listed at <http://www.energy.iowa.gov/ARRA09/docs/EECBG%20allocations.pdf>
- All other cities and counties will apply to the Office of Energy Independence and no applications or deadlines have yet been announced

As always, thank you for your interest in the Recovery programs and in our activities. We look forward to working with you in the coming weeks.

Recovery Act - Smart Grid Investment Grant Program

<http://www.grants.gov/search/search.do;jsessionid=fvXjKDLQNG8kgxwx65nJs4rYhGgThcL9t7KzGZCkqFXSRpGpn9z!1215949849?oppld=46833&flag2006=false&mode=VIEW>

(DE-FOA-0000058)

Recovery Act – Smart Grid Demonstrations

<http://www.grants.gov/search/search.do;jsessionid=WyBfJnBHbDsyyJkw3TKRQWLZ9pMTShVMVgDnLYgZCkpDSCyCskzv!-747979520?oppld=46836&flag2006=false&mode=VIEW>

(DE-FOA-0000036)

Recovery Act: Large Wind Turbine Drivetrain Testing Facility Grant

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppld=48091>

(DE-FOA-0000112)

Recovery Act - Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks and Advanced Technology Powertrains for Light-Duty Vehicles

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppld=47867>



(DE-FOA-0000079)

Combined Heat and Power Systems Technology Development Demonstration

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppld=47858>

(DE-FOA-0000016)

Solar America Cities – Technical Outreach Grant

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppld=48110>

(DE-FOA-0000086)

USDA Renewable and Energy Efficiency Improvements

<http://edocket.access.gpo.gov/2009/pdf/E9-12178.pdf>

USDA Renewable Energy Feasibility Studies

<http://www.grants.gov/search/search.do?oppld=47628&mode=VIEW>

(RDBCP-09-REAP-FEASIBILITY)

Energy Efficiency & Conservation Block Grants

<http://www07.grants.gov/search/search.do;jsessionid=KQIIJVKY2kpCchynQmKpCPPn8Ts7JZ9P0XRnhrT9fdmKDBG8W21!1080975809?oppld=46340&flag2006=false&mode=VIEW>

(DE-FOA-0000013)