



Recovery Update from the Iowa Office of Energy Independence

June 4, 2009

Many of the individuals contacting the Office of Energy Independence (OEI) have been interested in wind turbines for Iowa's schools. While some Recovery funding will likely go toward these projects, we will also be urging applicants to consider the **Wind for Schools Project**.

- The project is a collaborative effort between the state and federal government, schools and higher education institutions, utilities, and industry
- It seeks to install small wind turbines at rural elementary and secondary schools while developing wind application centers at higher education institutions
- Teacher training and hands-on curricula are implemented at each school
- Students at the wind application centers assist in the assessment and installation of the small wind systems, which helps prepare them for the wind workforce
- For more information about the Wind for Schools Project in Iowa, please contact Greg Watkins in our office at greg.watkins@iowa.gov

The Department of Energy (DOE) has released a funding opportunity announcement for **Industrial Energy Efficiency**.

- Public, private, and non-profit entities may all apply for the \$156 million in expected funding
- As many as 72 awards may be made, ranging from \$500,000 to \$100 million
- Overall program goals will be to deploy technologies that will increase national energy security, to provide construction and manufacturing jobs, and to build markets for skilled green construction
- The four areas for funding will include combined heat and power, district energy systems, industrial waste energy recovery, and efficient industrial equipment
- The deadline for applications is July 14, 2009
- An **Industrial Energy Efficiency Grand Challenge** has also been announced by DOE, although it will not be deployed with Recovery funding

DOE also intends to achieve efficiency goals with a funding opportunity announcement for **Energy Efficient Information and Communication Technology**.

- Public, private, and non-profit entities may all apply for the \$50 million in expected funding
- 5 to 15 awards are expected with ceilings of \$10 million
- Funding will be used to develop new technologies which dramatically improve energy efficiency in information and communications technology
- Emphasis will be placed on new technologies that can be commercialized within the next three to five years and on emerging technologies that are in the initial stages of commercial introduction
- The deadline for applications is July 21, 2009

DOE has expanded their **Geothermal Technologies Program** to provide funding for **Ground Source Heat Pumps**.

For more information, contact Sean Bagniewski at sean.bagniewski@iowa.gov or visit <http://www.energy.iowa.gov/ARRA09/index.html>.



- \$50 million is expected to be available
- Up to 21 awards are expected with ceilings from \$250,000 to \$5 million
- The program seeks to increase the deployment of ground source heat pumps through new commercialization strategies
- Areas of interest include innovative commercial-scale or residential community technology demonstration projects, data gathering and analysis related to system costs and performance, and a national certification standard
- The deadline for applications is August 6, 2009

DOE is requesting letters of interest for **Photovoltaic Technology Incubators**.

- This project will provide opportunities for collaboration and partnership among industry and university researchers to develop and improve solar technologies
- Funding will be targeted at innovative research and development on photovoltaic cell and module prototypes with emphasis on the barriers to manufacturing and commercialization
- Efforts must be made to service the residential rooftop, commercial rooftop, or utility markets
- The deadline for letters of interest is July 13, 2009

In the last few weeks, DOE has released draft guidance for several funding opportunity announcements which have now been issued in their final form.

- Finalized guidance for **Wind Energy Consortia Between Institutions of Higher Learning and Industry** can be found at the link below
- Finalized guidance for **Site Characterization of Promising Geologic Formations for CO2 Storage and Regional Sequestration Technology Training** can be found below as well

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.

Industrial Energy Efficiency

<http://www.grants.gov/search/search.do;jsessionid=wpJ1KnqR2JJ5GwBLssVFj22nJZyTMyG61DJ3FLJ3n1L2NCQJGtJ2!868402889?oppId=47763&flag2006=false&mode=VIEW>
DE-FOA-0000044

Industrial Energy Efficiency Grand Challenge

www.fedconnect.net
DE-FOA-0000113

Energy Efficient Information and Communication Technology

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppId=47742>
DE-FOA-0000107

For more information, contact Sean Bagniewski at sean.bagniewski@iowa.gov or visit <http://www.energy.iowa.gov/ARRA09/index.html>.



Geothermal Technologies Program: Ground Source Heat Pumps

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppId=47731>

DE-FOA-0000116

Photovoltaic Technology Incubators

http://www.nrel.gov/business_opportunities/pdfs/99013_loi.pdf

Wind Energy Consortia Between Institutions of Higher Learning and Industry

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppId=47732>

DE-FOA-0000090

Site Characterization of Promising Geologic Formations for CO2 Storage

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppId=47722>

DE-FOA-0000033

Regional Sequestration Technology Training

<http://www.grants.gov/search/search.do;jsessionid=68RgKySBJTWpk0DWSrJIDGBQd1BNbpjzyPdt1Lq9TfZB4mfLqk31!868402889?oppId=47720&flag2006=false&mode=VIEW>

DE-FOA-0000080