

Twenty Seven Grants of Interest to Our Region

1) Renewables and Energy Efficiency Improvements

The U.S. Department of Agriculture requests proposals for Renewable Energy Systems and Energy Efficiency Improvements. This program will provide support to agricultural producers and rural small businesses to purchase and install renewable energy systems and make energy efficiency improvements. \$51.6 million expected to be available, up to 1,100 awards anticipated. Responses due 7/31/09. For more info, including Regional contacts, go to:

<http://edocket.access.gpo.gov/2009/pdf/E9-12178.pdf>. Refer to Sol# RDBCP-09-REAP-RES-EEI.

(Grants.gov 5/29/09)

2) Renewable Energy Feasibility Studies

The U.S. Department of Agriculture requests proposals for Renewable Energy Feasibility Grants. This program will provide support to agricultural producers and rural small businesses to conduct feasibility studies for renewable energy systems. \$6 million expected to be available, up to 150 awards anticipated. Responses due 7/31/09. For more info, including state specific contacts, go to:

<http://www.grants.gov/search/search.do?oppld=47628&mode=VIEW>. Refer to Sol# RDBCP-09-REAP-

FEASIBILITY. (Grants.gov 5/29/09)

3) High Penetration Solar Deployment – Recovery Act

The U.S. Department of Energy requests proposals for High Penetration Solar Deployment. The objectives of this RFP are to: 1) Develop the needed modeling tools and database of experience with high penetration scenarios of PV on a distribution system, 2) Develop monitoring, control and integration systems to enable cost-effective widespread deployment of small modular PV systems, and 3) Demonstrate the integration of PV and energy storage into Smart Grid applications. \$17.5 million expected to be available, up to 13 awards anticipated. Responses due 7/30/09. For more info, contact Andrea Lucero at Andrea.Lucero@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47579>. Refer to Sol#

DE-FOA-0000085. (Grants.gov 5/27/09)

4) Solar Market Transformation - Recovery Act

The U.S. Department of Energy requests proposals for Solar Market Transformation. The overall goal of this initiative is to increase the quality and availability of instruction relating to the installation of PV and solar heating and cooling systems (SHC). Areas of interest include: 1) Addressing workforce development needs of the solar industry, both for grid-tied PV systems in residential, commercial, and utility markets, and for SHC systems. 2) For Solar America Cities (designated via DOE RFPs in FY07 and FY08) to scale-up innovative programs and concepts so they can be tested in a broader marketplace, and increase likelihood of replication in other U.S. cities. \$20 million expected to be available, up to 31 awards anticipated. Responses due 7/30/09. For more info, contact Nancy Kiyota at

nancy.kiyota@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47586>. Refer to Sol#

DE-FOA-0000078. (Grants.gov 5/27/09)

5) Smart Grid Interoperability Standards and Harmonization Effort

The U. S. Department of Commerce, National Institute of Standards and Technology announces its intent to request proposals for Support of Smart Grid Interoperability Standards and Harmonization Effort.

Work will support NIST in coordinating the development and harmonization of standards to enable widespread deployment of an interoperable and secure Smart Grid (SG). As part of this requirement, the Contractor will be required to engage all relevant SG stakeholders to ensure credible results. The RFP will be posted on or about 6/20/09. For more info, contact Joseph Widdup at

joseph.widdup@nist.gov or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=5b6e4ec676429e89839caded727c4848&tab=core&_cview=0. Refer to Sol# SB1341-09-RP-0070. (FBO 6/5/09)

6) Wind Energy Consortia – Recovery Act

The U.S. Department of Energy requests proposals for Wind Energy Consortia between Institutions of Higher Learning and Industry. Areas of interest include 1) Partnerships for Wind Research and Turbine Reliability, and 2) Wind Energy Research Development. \$24 million expected to be available, up to 2 awards anticipated. Responses due 7/29/09. For more info, contact Sara Wilson at

sara.wilson@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47732>. Refer to Sol# DE-FOA-0000090. (Grants.gov 6/2/09)

7) Net-Zero Energy Commercial Building Consortia

The U.S. Department of Energy requests proposals for the Net-Zero Energy Commercial Building Initiative Supporting Consortium. The intent of this initiative is to establish a Supporting Consortium (SC) representing commercial building design, equipment, operation, finance, and other groups. The main goal of the SC is to collect information on current and next generation technologies for individual components and systems to provide a knowledge base of information to industry in supporting DOE's goal of establishing net-zero energy performance for all U.S. commercial buildings by 2050. \$1 million expected to be available, 1 award anticipated. Responses due 7/14/09. For more info, contact Richard Rogus at

rogus@netl.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47706>. Refer to Sol# DE-FOA-0000105. (Grants.gov 6/1/09)

8) Ground Source Heat Pumps – Recovery Act

The U.S. Department of Energy requests proposals for the Geothermal Technologies Program: Ground Source Heat Pumps. Through this RFP, DOE seeks to increase the deployment of ground source heat pumps through new commercialization strategies that incorporate: 1) Innovative commercial-scale or residential community technology demonstration projects; 2) Data gathering and analysis related to system costs, performance, and installation techniques; and 3) A national GHP certification standard.

\$50 million expected to be available, up to 21 awards anticipated. Responses due 8/6/09. For more info, contact Genevieve Wozniak at

genevieve.wozniak@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47731>. Refer to Sol# DE-FOA-0000116. (Grants.gov 6/2/09)

9) Geothermal Technologies - Recovery Act

The U.S. Department of Energy requests proposals for the Geothermal Technologies Program for geothermal systems research, exploration, demonstration, and development. Areas of interest include:

1) Validation of Innovative Exploration Technologies, 2) Geothermal Energy Production from Low Temperature Resources, Co-produced Fluids from Oil and Gas Wells, and Geopressured Resources, and 3) Geothermal Data Development, Collection, and Maintenance. \$170 million expected to be available, up to 60 awards anticipated. Responses due 7/22/09. For more info, contact Genevieve Wozniak at

genevieve.wozniak@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47584>. Refer to Sol# DE-FOA-0000109. (Grants.gov 5/27/09)

10) Energy Efficient ICT – Recovery Act

The U.S. Department of Energy requests proposals for Energy Efficient Information and Communication Technology (ICT). Through this RFP, DOE seeks the development of new technologies to dramatically improve energy efficiency in ICT systems with an the emphasis on new technologies that can be commercialized within the next 3 - 5 five years, and to demonstrate through field testing highly energy efficient, emerging technologies that are ready for or are in the initial stage of commercial introduction. \$50 million expected to be available, up to 15 awards anticipated. Responses due 7/21/09. For more info, contact Michael Schledorn at michael.schledorn@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47742>. Refer to Sol# DE-FOA-0000107. (Grants.gov 6/2/09)

11) Industrial Energy Efficiency – Recovery Act

The U.S. Department of Energy requests proposals for the Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment. This RFP will enable deployment of industrial technologies that provide 25% or greater improvement in energy efficiency over the currently-utilized equipment. The amount of funding available and number of awards anticipated not available at the time of this writing. Responses due 7/14/09. For more info, contact Debra Ball at ball@netl.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47763>. Refer to Sol# DE-FOA-0000044. (Grants.gov 6/2/09)

12) Industrial Energy Efficiency Grand Challenge

The U.S. Department of Energy requests proposals for the Industrial Energy Efficiency Grand Challenge. This RFP will support the development of transformational industrial processes and technologies that reduce the energy intensity or greenhouse gas emissions of the system by a minimum of 25 percent while providing a return on investment of 10 percent or greater. \$15 million expected to be available, up to 50 awards anticipated. Responses due 7/14/09. For more info, contact Michael Schledorn at michael.schledorn@go.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47812>. Refer to Sol# DE-FOA-0000113. (Grants.gov 6/4/09)

13) Combined Heat and Power

The U.S. Department of Energy requests proposals for Combined Heat and Power Systems Technology Development and Demonstration. Areas of interest include: 1) Large CHP Systems - less than or equal to 20 MW, 2) Medium - less than or equal to 1MW to less than 20 MW, and 3) Small - less than or equal to 5kW to less than 1 MW. Demonstrations should be aimed at accelerating the project development process through collaborative partnerships with key industry partners. \$40 million expected to be available, up to 30 awards anticipated. Responses due 7/7/09. For more info, contact Juliana Heynes at heynes@netl.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47858>. Refer to Sol# DE-FOA-0000016. (Grants.gov 6/8/09)

14) Demonstration of Integrated Biorefinery Operations - Recovery Act

The U.S. Department of Energy requests proposals for Demonstration of Integrated Biorefinery Operations. Through this RFP, DOE will select integrated biorefinery projects that have the necessary

technical and economic performance data that validates their readiness for the next level of scale-up. \$480 million expected to be available, up to 15 awards anticipated. Responses due 6/30/09. For more info, contact Hank Eggink at hank.eggink@go.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47227>. Refer to Sol# DE-FOA-0000096. (Grants.gov 5/6/09)

15) Efficient Trucks and Light Duty Vehicles – Recovery Act

The U.S. Department of Energy requests proposals for Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks and Advanced Technology Powertrains for Light-Duty Vehicles. Through this RFP, DOE seeks the development and demonstration of a 50% improvement in overall freight efficiency on a heavy-duty Class 8 tractor-trailer measured in ton-miles per gallon, and to accelerate the development of cost-competitive engine and powertrain systems for light-duty vehicles capable of attaining breakthrough thermal efficiencies while meeting future emissions standards. \$240 million expected to be available, up to 11 awards anticipated. Responses due 9/9/09. For more info, contact Meghaan Hampton at Meghaan.Hampton@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47867>. Refer to Sol# DE-FOA-0000079. (Grants.gov 6/9/09)

16) GSA - RECs

The U.S. General Services Administration requests proposals for renewable energy certificates (RECs) for GSA Regions and other Federal agencies to comply with Federal requirements. GSA seeks pricing for a total of 150,000 to 400,000 MWhs of RECs produced from renewable resources that became operational after January 1, 1999. Responses due 7/9/09. For more info, contact Ken Shutika at ken.shutika@gsa.gov or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=c73825a34796eba1c2e2037477717f7c&tab=core&_cview=0. Refer to Sol# GS-00P-09-BSD-0682. (FBO 6/5/09)

17) PV Federal Prisons

Federal Prison Industries seeks Integrator and Financing Services for Photovoltaic (PV) Panel Systems, for work to include, but not limited to, the design, construction, supplies and financing for Turnkey photovoltaic systems, or any part or component thereof. Responses due 7/6/09. For more info, contact Staci Card at scard@central.unicor.gov or go to: https://www.fbo.gov/?s=opportunity&mode=form&tab=core&id=a5f389aa6170a4a5c515c244bc545363&_cview=0. Refer to Sol# EP2557-09. (FBO 6/3/09)

18) Global Climate Change Education

The National Aeronautics and Space Administration (NASA) requests applications for Global Climate Change Education (GCCE): Research Experience, Teaching and Learning. Each funded proposal is expected to make use of NASA's unique contributions in climate science to enhance students' academic experiences and/or to improve educators' abilities to engage their students. Areas of interest include, but are not limited to: 1) Global Climate Change Science Research Experiences for Undergraduate or Community College Students, and 2) Improving Teacher Competency for Global Climate Change Education. \$8 million expected to be available, up to 25 awards anticipated. Notice of Intent to apply due 7/2/09, final proposals due 8/3/09. For more info, contact Lin Chambers at gcce-questions@lists.nasa.gov or go to: <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={6950C5E7-9903-AFEA-2AB0-A839C6F510B4}&path=open>. Refer to Sol# NNL09ZB1005C. (Grants.gov 5/27/09)

19) Carbon Capture and Sequestration – Recovery Act

The U.S. Department of Energy requests proposals for Carbon Capture and Sequestration (CCS) from Industrial Sources and Innovative Concepts for Beneficial CO₂ Use. The industrial sources include, but are not limited to, cement plants, chemical plants, refineries, steel and aluminum plants, manufacturing facilities, and power plants using fuels such as petroleum coke and municipal waste. \$1.421 billion expected to be available, up to 20 awards anticipated. Responses due 8/7/09. For more info, contact Raymond Johnson at johnson@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47854>. Refer to Sol# DE-FOA-0000015. (Grants.gov 6/8/09)

20) Regional Sequestration Technology Training – Recovery Act

The U.S. Department of Energy requests proposals for Regional Sequestration Technology Training. This initiative will support the development of regional training that facilitates transfer of knowledge and technologies required for site development, operations, and monitoring of CCS technologies. \$6.970 million expected to be available, up to 7 awards anticipated. Responses due 7/22/09. For more info, contact Michael DeStefano at Michael.DeStefano@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppld=47720>. Refer to Sol# DE-FOA-0000080. (Grants.gov 6/2/09)

21) USDA SBIR

The U.S. Department of Agriculture requests proposals for the Small Business Innovation Research Program – Phase I. SBIR supports U.S. owned, small business R&D projects that address important problems facing American agriculture and have the potential to lead to significant public benefit if the research is successful. Research areas include, but are not limited to: Biofuels and Biobased Products; Air, Water, and Soils; Rural Development; Aquaculture; and Animal Manure Management. \$18.5 million expected to be available, individual awards NTE \$90K. Responses due 9/3/09. For more info, contact sbir@csrees.usda.gov or go to: http://www.csrees.usda.gov/funding/rfas/sbir_rfa.html. Refer to Sol# USDA-CSREES-SBIR-002363. (Grants.gov 6/10/09)

22) Critical Agricultural Materials

The U.S. Department of Agriculture requests proposals for the Critical Agricultural Materials Program. This program supports the development and demonstration of novel, environmentally friendly technologies for use in paints, coatings, and adhesives for composites. Priority will be given to proposals that include a life cycle analysis, comparing biobased products with a fossil-based counterparts, using the Building for Environmental and Economic Sustainability model (BEES) developed by the NIST. \$1 million expected to be available, up to 2 awards anticipated. Responses due 7/7/09. For more info, contact Carmela Bailey at cbailey@csrees.usda.gov or go to: <http://www.csrees.usda.gov/funding/rfas/cam.html>. Refer to Sol# USDA-CSREES-OP-002325. (Grants.gov 6/2/09)

23) Agriculture-Based Green Workforce Development

The U.S. Department of Agriculture requests proposals for the New Era Rural Technology Competitive Grants Program (RTP). This program supports technology development, applied research, and/or training, with a focus on rural communities, to aid in the development of a workforce for bioenergy, pulp and paper manufacturing, or agriculture-based renewable energy. \$750K expected to be available, up to 25 awards anticipated. Responses due 7/20/09. For more info, contact RTP@csrees.usda.gov or go to: http://www.csrees.usda.gov/funding/rfas/new_era.html. Refer to Sol# USDA-CSREES-RTP-002295. (Grants.gov 6/5/09)

24) Public Health & Sustainable Water Infrastructure

The U.S. Environmental Protection Agency requests proposals for Advancing Public Health Protection through Water Infrastructure Sustainability. Projects should clearly demonstrate an integrated, multi-disciplinary approach that leads to advances in design, operation, and management of the water infrastructure and should directly tie those advances to public health protection in conjunction with improving water efficiency and reducing energy requirements. \$6 million expected to be available, up to 8 awards anticipated. Responses due 8/17/09. For more info, contact Angela Page at page.angelad@epa.gov or go to: http://www.epa.gov/ncer/rfa/2009/2009_star_water_infrastructure.html. Refer to Sol# EPA-G2009-STAR-F1. (Grants.gov 5/20/09)

25) Reducing Childhood Lead Poisoning

The U.S. Environmental Protection Agency requests proposals for Targeted Grants to Reduce Childhood Lead Poisoning. This RFP will support activities to reduce incidences of childhood lead poisoning in vulnerable populations. \$1 million expected to be available, up to 20 awards anticipated. Responses due 8/14/09. For more info, including Regional contacts, go to: <http://epa.gov/lead/pubs/rfp20090513.pdf>. Refer to Sol# EPA-HQ-OPPT-2009-06. (Grants.gov 5/15/09)

26) Lead Based Paint Hazard Reduction

The U.S. Department of Housing and Urban Development requests proposals for the Lead-Based Paint Hazard Control Grant Program. This program supports urban jurisdictions with the greatest lead-based paint hazard control needs, in undertaking programs for the identification and control of lead-based paint hazards in eligible privately owned rental and owner-occupied housing units. \$117 million expected to be available, individual awards NTE \$7.07 million. Responses due 7/20/09. For more info, contact Bill Nellis at (202) 402-7686 or go to: <http://www.hud.gov/offices/adm/grants/nofa09/grpleadcombo.cfm>. Refer to Sol# FR-5300-N-06. (Grants.gov 5/29/09)

27) Greening High Schools

The Student Conservation Association requests proposals for the Green Your School Contest. This is a national competition that awards projects that have, or will, improve the environmental health of the school. \$10K available, 3 awards anticipated. Responses due 10/9/09. For more info, go to: <http://www.thesca.org/green-your-school>. (Foundation Center RFP Bulletin 5/29/09)