

Greetings Subscribers – Here is Issue 212:

Feel free to pass this newsletter on to colleagues that may be interested.

There are 32 funding notices included in this issue.

1) Clean Cities - Plug-In Electric Vehicles and Charging Infrastructure

The U.S. Department of Energy requests proposals for Clean Cities Community Readiness and Planning for Plug-In Electric Vehicles and Charging Infrastructure. This RFP will serve as a pilot program to stimulate community based electric vehicle infrastructure readiness planning and implementation activities in anticipation of larger electric vehicle deployment efforts in the future. \$5 million expected to be available, up to 15 awards anticipated. Responses due 6/13/11. For more info, contact Sue Miltenberger at susan.miltenberger@netl.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000451&agency=DOE>. Refer to Sol# DE-FOA-0000451. (Grants.gov 4/19/11)

2) Feasibility Studies for Rural Renewables

The U.S. Department of Agriculture requests proposals for Rural Energy for America Program - Feasibility. This program will provide support to agricultural producers and rural small businesses to conduct feasibility studies for renewable energy systems. \$2 million expected to be available, up to 75 awards anticipated. Responses due 6/30/11. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=92533>. Refer to Sol# RDBCP-11-REAP-FEASIBILITY. (Grants.gov 5/9/11)

3) Rural Energy Audits and Renewable Energy Development

The U.S. Department of Agriculture requests proposals for Rural Energy for America Program - Energy Audit and Renewable Energy Development Assistance. This program will support energy audits and renewable energy development assistance. \$2.8 million expected to be available, up to 30 awards anticipated. Responses due 6/30/11. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=92633>. Refer to Sol# RDBCP-11-REAP-ENERGYAUDIT. (Grants.gov 5/9/11)

4) Rural Renewable Systems and Energy Efficiency Improvements

The U.S. Department of Agriculture requests proposals for Rural Energy for America Program - Renewable Energy Systems and Energy Efficiency Improvements and Guaranteed Loans. This program will provide grants and loans to agricultural producers and rural small businesses to install renewable energy systems and energy efficiency improvements. More than \$51 million expected to be available, individual awards NTE \$500K. Responses due 6/15/11. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=92653>. Refer to Sol# RDBCP-11-REAP-RES-EEI. (Grants.gov 5/9/11)

5) PV Market Barriers and Non-Hardware Costs

The U.S. Department of Energy requests proposals for the SunShot Initiative: Reducing Market Barriers and Non-Hardware Balance of System Costs. Through this RFP, DOE seeks to significantly reduce market barriers and the balance of system non-hardware cost components of PV systems. Areas of interest include: Codes, Standards and Processes; Software Design Tools

and Databases; and Regulatory and Utility Solutions. Up to \$15 million expected to be available, up to 10 awards anticipated. Letters of Intent are required and are due 6/9/11, final proposals due 6/23/11. For more info, contact nhbos@go.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000520. (Grants.gov 5/6/11)

6) Solar Agile Delivery of Electrical Power Technology

The U.S. Department of Energy request proposals for Solar Agile Delivery of Electrical Power Technology. This RFP is primarily focused on the development of advanced component technologies, converter architectures, and packaging and manufacturing processes with the potential to improve the performance and lower the cost of photovoltaic systems. \$10 million expected to be available, up to 5 awards anticipated. Concept Papers are required, and are due 5/19/11, final proposal due date TBD. For more info, contact ARPA-E-CO@hq.doe.gov or go to: <https://arpa-e-foa.energy.gov/>. Refer to Sol# DE-FOA-0000474. (Grants.gov 4/20/11)

7) PV Spectral Response Measurement System

The U.S. Department of Commerce, National Institute of Standards and Technology, seek quotes for a Solar Cell Spectral Response Measurement System. This system will be used to by NIST to reduce the uncertainty of its current, in-house PV measurement capability. Responses due 5/25/11. For more info, contact Joshua Holliday at joshua.holliday@nist.gov or go to: <https://www.fbo.gov/?s=opportunity&mode=form&id=d66aef6eb8759029db98d8e1a0d9dac9&tab=core&cvview=0>. Refer to Sol# SB1341-11-RQ-0213. (FBO 5/13/11)

8) Green Electricity Network

The U.S. Department of Energy requests proposals for Green Electricity Network Integration. Through this RFP, DOE will support innovative control software and high-voltage hardware to reliably control the grid network, specifically: 1) Cost-optimizing controls able to manage sporadically available sources, such as wind and solar, alongside coal and nuclear, and 2) Resilient power flow control hardware – or the energy equivalent of an internet router – to enable automated, real-time control of grid components. \$30 million expected to be available, up to 14 awards anticipated. Concept Papers are required, and are due 5/19/11, final proposal due date TBD. For more info, contact ARPA-E-CO@hq.doe.gov or go to: <https://arpa-e-foa.energy.gov/>. Refer to Sol# DE-FOA-0000473. (Grants.gov 4/20/11)

9) Advanced Thermal Storage

The U.S. Department of Energy requests proposals for High Energy Advanced Thermal Storage. Through this RFP, DOE seeks the development of revolutionary cost-effective thermal energy storage technologies in three focus areas: 1) High temperature storage systems to deliver solar electricity more efficiently around the clock and allow nuclear and fossil baseload resources the flexibility to meet peak demand, 2) Fuel produced from the sun's heat, and 3) HVAC systems that use thermal storage to dramatically improve the driving range of electric vehicles. \$30 million expected to be available, up to 20 awards anticipated. Concept Papers are required, and are due 5/19/11, final proposal due date TBD. For more info, contact ARPA-E-CO@hq.doe.gov or go to: <https://arpa-e-foa.energy.gov/>. Refer to Sol# DE-FOA-0000471. (Grants.gov 4/20/11)

10) Geothermal Technology Advancement

The U.S. Department of Energy announces its intent to request proposals for Geothermal Technology Advancement for Rapid Development of Resources in the U.S. Areas of interest include: Advanced Exploratory Drilling Technologies; Advanced Well Completion Technologies; Zonal Isolation; Observation Tools and Data Collection System for Reservoir

Stimulation; Geophysical Exploration Technologies; and Geochemistry/Rock-Fluid Interactions. The RFP will be issued on or about early June 2011, and will be posted at: <https://eere-exchange.energy.gov/>. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000547&agency=DOE>. Refer to Sol# DE-FOA-0000547. (Grants.gov 5/6/11)

11) Open Manufacturing

The Defense Advanced Research Projects Agency requests proposals for Open Manufacturing. This program supports the development and demonstration of technologies that reduce impediments to the efficient manufacturing of affordable, competitive products that rapidly enter into service at low fiscal and environmental costs. Responses due 6/23/11. For more info, go to: http://www.darpa.mil/Opportunities/Solicitations/DSO_Solicitations.aspx. Refer to Sol# DARPA-BAA-11-54. (Grants.gov 5/5/11)

12) International Industrial Energy Efficiency

The U.S. Department of Energy requests proposals for International Industrial Energy Efficiency Training and Deployment. This RFP will support the development of U.S. international training capabilities in energy efficiency and management in key manufacturing sectors (such as aluminum, steel and cement) worldwide, including the performance of assessments of energy facilities. \$1 million expected to be available, up to 2 awards anticipated. Letters of Intent are requested, but not required, and are due 6/8/11, final proposals due 6/16/11. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000531&agency=DOE>. Refer to Sol# DE-FOA-0000531. (Grants.gov 5/11/11/)

13) Great Lakes, Land Reuse and Brownfields

The U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, request proposals for Public Health Support for Land Reuse/Brownfield and Legacy Sites in the Areas of Concern for the Great Lakes. The purpose of the program is to identify and address public health issues with land reuse and brownfields, and prevent ongoing and future exposures and resultant health effects from hazardous waste sites and releases. \$280K expected to be available, 1 award anticipated. Responses due 6/27/11. For more info, contact Leann Bing at KBing@cdc.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=89793>. Refer to Sol# CDC-RFA-TS11-1104. (Grants.gov 4/26/11)

14) Healthy Homes Technical Studies

The U.S. Department of Housing and Urban Development requests proposals for Healthy Homes Technical Studies. Through this RFP, HUD will support studies to improve knowledge, assessment and control of lead-based paint and other housing-related health and safety hazards. Areas of interest include: Take-home hazards from work/hobbies and work at home; mold and moisture; allergens and asthma; asbestos; combustion products of heating and cooking appliances; semi-volatile organic compounds; unintentional injuries/fire; secondhand smoke; insect and rodent pests; lead-based paint; pesticide residues; and radon progeny. \$2 million expected to be available, up to 4 awards anticipated. Responses due 6/30/11. For more info, contact Peter Ashley at Peter.J.Ashley@hud.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=91194>. Refer to Sol# FR-5500-N-15B. (Grants.gov 5/2/11)

15) Lead Technical Studies

The U.S. Department of Housing and Urban Development requests proposals for Lead Technical Studies. This program will support research to improve the efficacy and cost-effectiveness of methods for evaluation and control of residential lead-based paint hazards. \$500K expected to be available, up to 2 awards anticipated. Responses due 6/30/11. For more info, contact Peter Ashley at Peter.J.Ashley@hud.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=91193>. Refer to Sol# FR-5500-N-15A. (Grants.gov 5/2/11)

16) Environmental Health Policies

The U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, request proposals to Strengthen and Improve the Nation's Environmental Public Health Capacity through National, Non-Profit, Professional Public Health Organizations to Incorporate Health in All Policies. The purpose of this program is to strengthen the nation's capacity to promote healthy and safe environments and prevent harmful exposures through education and training of decision-makers and key stakeholders. \$2 million expected to be available, up to 4 awards anticipated. Letters of Intent are requested, but not required, and are due 5/17/11, final proposals due 6/16/11. For more info, contact Radha Pennotti at IZQ7@cdc.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=91213>. Refer to Sol# CDC-RFA-EH11-1110. (Grants.gov 5/2/11)

17) Tracking Public Health

The U.S. Department of Health & Human Services, Centers for Disease Control and Prevention, request proposals for National Environmental Public Health Tracking Program-Network Implementation. Through this RFP, CDC seeks to establish and maintain a nationwide tracking network to obtain integrated health and environmental data and use it to provide information in support of actions that improve the health of communities. \$45 million expected to be available, up to 17 awards anticipated. Responses due 6/3/11. For more info, go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=90794>. Refer to Sol# CDC-RFA-EH11-1103. (Grants.gov 5/2/11)

18) Energy Research

The U. S. Department of Energy requests proposals for the Experimental Program to Stimulate Competitive Research Implementation Awards, for projects that improve research infrastructure in energy-related areas identified by participating state EPSCoR governing committees. \$4 million expected to be available, up to 2 awards anticipated. Letters of Intent are requested, but not required, and are due 6/7/11, final proposals due 6/23/11. For more info, including participating states, contact Tim Fitzsimmons at tim.fitzsimmons@science.doe.gov or go to:

<https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000546&agency=DOE>. Refer to Sol# DE-FOA-0000546. (Grants.gov 5/13/11)

19) Canola Production

The U.S. Department of Agriculture requests proposals for the Supplemental and Alternative Crops Competitive Grants Program. This RFP will support the significant increase of canola crop production and/or acreage by development and testing of superior germplasm, methods of planting, cultivation, harvesting, and then transferring new knowledge to producers. \$800K expected to be available, up to 5 awards anticipated. Responses due 5/31/11. For more info, contact James Parochetti at jparochetti@nifa.usda.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=89693>. Refer to Sol# USDA-NIFA-OP-003439. (Grants.gov 4/25/11)

20) Plants Engineered to Replace Oil

The U.S. Department of Energy requests proposals for Plants Engineered to Replace Oil. Through this RFP, DOE seeks to fund technologies that optimize the biochemical processes of energy capture and conversion to develop robust, farm-ready crops that deliver more energy per acre with less processing prior to the pump. \$30 million expected to be available, up to 8 awards anticipated. Concept Papers are required, and are due 5/19/11, final proposal due date TBD. For more info, contact ARPA-E-CO@hq.doe.gov or go to: <https://arpa-e-foa.energy.gov/>. Refer to Sol# DE-FOA-0000470. (Grants.gov 4/20/11)

21) Water Conservation - South Dakota

The U.S. Department of the Interior, Bureau of Reclamation, Great Plains Region, requests proposal for Water Conservation Field Services Program, South Dakota. Through this RFP, the Bureau seeks activities that improve water conservation, management, and efficiency on the Belle Fourche Project and Angostura Unit of the Pick-Sloan Missouri Basin Program. \$1.5 million expected to be available, up to 2 awards anticipated. Responses due 5/31/11. For more info, contact Lindsey Nafts at lnafts@usbr.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=91175>. Refer to Sol# R11SF60006. (Grants.gov 5/2/11)

22) Water Conservation - WA, OR, and ID

The U.S. Department of the Interior, Bureau of Reclamation, requests proposals for the Water Conservation Field Services Program - Snake River Area Office. This RFP will support Reclamation projects in areas of WA, OR and ID that support preparation of written water management and conservation plans; operational improvements which will conserve water, increase water use efficiency, or enhance operational efficiency; or implementation of activities identified in approved and written water management and/or conservation plans. Responses due 5/20/11. For more info, contact Lisa Strong at lstrong@usbr.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=88655>. Refer to Sol# 11SF1S0041. (Grants.gov 4/20/11)

23) Conservation Innovation – Louisiana

The U.S. Department of Agriculture requests proposals for the Conservation Innovation Grant Program - Louisiana. CIG seeks to stimulate innovative conservation approaches and technologies, in conjunction with agricultural production. Areas of interest include, but are not limited to: Sustainable and organic agriculture; innovative implementation systems to achieve greater use of energy audits; on-farm energy conservation technologies; and on-farm applications of renewable energy production. \$150K expected to be available, up to 2 awards anticipated. Responses due 6/3/11. For more info, contact Scott Edwards at scott.edwards@la.usda.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=88693>. Refer to Sol# USDA-NRCS-LA-11-01. (Grants.gov 4/20/11)

24) Biofuel Purchase - Hawaii

Hawaiian Electric Company, Inc. requests proposals for the supply and delivery of up to 42 million gallons of biofuel per year for a term of 2 years to commence as early as July 2014, to be used as fuel for power generation at HECO's Kahe Power Plant, Kapolei, HI. Responses due 7/29/11. For more info, go to: <http://biofuelsupply.heco.com/>. (Green Power Network 5/6/11)

25) Plug-In Electric Vehicle Readiness - California

The California Energy Commission requests proposal for Regional Plans to Support Plug-In Electric Vehicle Readiness. This RFP will support the development of regional PEV strategic plans that will plan for the deployment of PEV electric vehicle supply equipment, establish best practices for “PEV-ready” building and public works guidelines, and help to streamline permitting, installation, and inspection processes. Up to \$1 million expected to be available, individual awards NTE \$200K. Responses due 7/5/11 to 7/5/12. For more info, go to: <http://www.energy.ca.gov/contracts/transportation.html> - IFB 400-10-405. Refer to PON-10-602.

26) Renewables - Louisiana

AEP Southwestern Electric Power Company seeks up to 31 MW of new renewable-energy resources deliverable to the Southwest Power Pool. Resources must be capable of being operational no later than 12/31/14. Responses due 6/15/11. For more info, go to: <https://www.swepco.com/b2b/rfp/2011SWEPCORenew/>. (Green Power Network 5/6/11)

27) PV Installation - Maryland

The U.S. Department of the Interior, National Park Service, announces its intent to invite bids to for the installation of a 22 kW DC – 30 kW DC solar electrical system, using photovoltaic panels, at the Visitor Contact Station & Concession Building at Assateague Island National Seashore, Berlin, MD. The solicitation is expected to open on or about 5/30/11, and close 6/30/11. For more info, contact Michael Fatale at Michael_Fatale@contractor.nps.gov or go to: <https://www.fbo.gov/?s=opportunity&mode=form&id=1fb69074ebce71eed26e8bb9093ee5d9&tab=core&cvview=0>. Refer to Sol# P11PS00042. (FBO 5/14/11)

28) School Bus Retrofits - New York

The New York State Energy Research and Development Authority requests proposals for the NY State Clean Air School Bus Program, Round 3. This program will support projects that generate environmental and energy benefits by introducing emission reducing technology and idling-reduction for diesel-fueled buses into school bus fleets and accelerating the introduction of these emission and idling-reduction technologies into the market. \$2.6 million expected to be available. Responses accepted to 12/31/11. For more info, contact Adam at ar3@nyserda.org or go to: <http://www.nyserda.org/funding/1896pon.asp>. Refer to PON# 1896.

29) Renewable Projects – Pacific Power Service Area

Pacific Power requests proposals to support the installation of community-based, non-residential renewable energy projects (less than 10 MW) in the company’s service area. Responses due 7/1/11. For more info, go to: <http://www.pacificpower.net/blueskyfunds>. (Green Power Network 5/6/11)

30) Renewable Projects – Rocky Mountain Power Service Area

Rocky Mountain Power requests proposals to support the installation of community-based, non-residential renewable energy projects (less than 10 MW) in the company’s service area. Responses due 7/1/11. For more info, go to: <http://www.rockymountainpower.net/blueskyfunds>. (Green Power Network 5/6/11)

31) Sustainable Landscapes - Brazil

The U.S. Agency for International Development requests proposals for the Sustainable Landscapes Program - Brazil. This RFP will support Brazil's increased readiness to reduce emissions from deforestation and forest degradation, including conservation, sustainable forest management, and enhancement of forest carbon stocks, in the states of Mato Grosso and/or Para. \$5.5 million expected to be available, 1 award anticipated. Responses due 6/13/11. For more info, contact Cynthia Shartzer at cshartzer@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=93813>. Refer to Sol# RFA-512-11-000002. (Grants.gov 5/12/11)

32) Water Management - Middle East and N. Africa

The U.S. Agency for International Development - Egypt, requests proposals for the Office of Middle East Programs (OMEP) Network of Water Centers of Excellence. This RFP will support training, applied research and the dissemination of information to transform water policy, management and capabilities within the Middle East and N. Africa region. \$1.5 million expected to be available, up to 5 awards anticipated. Responses due 6/8/11. For more info, contact Dana Rose at Cairoproposals@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=92473>. Refer to Sol# USAID-EGYPT-263-11-008-RFA. (Grants.gov 5/9/11)