



The eCo-capitol Group • 700 Thirteenth Street NW • Suite 600 • Washington, DC 20005

## eCocapitol Newsletter: Funding and Solicitation Opportunities (July 2009)

### Guidelines

Please share this newsletter with contacts in your state, region, or elsewhere who you think may be interested.

### Services

If you have an interest in the opportunities contained in this newsletter, please contact us online at [www.ecocapitol.com](http://www.ecocapitol.com) or via email at [mcleodwl@ecocapitol.com](mailto:mcleodwl@ecocapitol.com). You may also contact us by phone at 202-380-9337.

There are **36 funding notices** included in this issue.

### **1) Energy Training Partnership Grants - Recovery Act**

The U.S. Department of Labor requests proposals for Energy Training Partnership Grants. This program will support training and placement services in the energy efficiency and renewable energy industries, green occupations within other industries, individuals in need of updated training related to the energy efficiency and renewable energy industries, and unemployed workers. \$100 million expected to be available, up to 30 awards anticipated. Responses due 9/4/09.

### **2) State Energy Sector Training Grants - Recovery Act -**

The U.S. Department of Labor requests proposals from State Workforce Investment Boards, the District of Columbia, and the U.S. territories, for State Energy Sector Partnership and Training Grants. This program will support training, job placement, and related activities that reflect a comprehensive statewide energy sector strategy including the Governor's overall workforce vision, State energy policies, and training activities that lead to employment in targeted industry sectors. A portion of the funds under this SGA will be reserved for communities or regions undergoing auto industry related restructurings. \$190 million expected to be available, individual awards NTE \$6 million. Responses due 10/20/09.

### **3) Green Capacity Building Grants - Recovery Act**

The U.S. Department of Labor requests proposals for Green Capacity Building Grants. This program will support projects that build the capacity of DOL-funded grantees to provide training for entry-level positions leading to career pathways and/or additional training in the energy efficiency and renewable energy industries. \$5 million expected to be available, individual awards NTE \$100K. Responses due 8/5/09.

### **4) State Labor Market Information Improvement Grants - Recovery Act**

The U.S. Department of Labor requests proposals from the Workforce Agencies of the 50 States, the District of Columbia, and U.S. Territories, or a consortium of such agencies, for State Labor Market Information Improvement Grants. This program will support work to

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collect, analyze, and disseminate labor market information, and to enhance the labor exchange infrastructure for careers within the energy efficiency and renewable energy industries. \$50 million expected to be available, individual awards NTE \$4 million. Responses due 8/14/09.

#### **5) Advanced Energy Efficient Building Technologies - Recovery Act**

The U.S. Department of Energy requests proposals for Advanced Energy Efficient Building Technologies. Areas of interest (which include numerous subtopics) include: 1) Advanced Building Control Strategies, Communications and Information Technologies for Net-Zero Energy Buildings, 2) Analysis, Design and Technical Tools, 3) Building Envelope and Windows, 4) Residential and Commercial HVAC and Crosscutting Air Conditioning and Refrigeration Research, 5) Water Heating, Residential and Commercial Appliances and miscellaneous electric loads, 6) Solar Heating and Cooling. Up to \$75 million expected, up to 90 awards anticipated. Responses due 8/18/09.

#### **6) Energy Efficient Housing Partnerships - Recovery Act**

The U.S. Department of Energy requests proposals for Building America Energy Efficient Housing Partnerships. The long term goal of Building America for new homes is to develop cost effective, production ready systems in five major climate zones that will result in zero energy homes (ZEH) that produce as much energy as they use on an annual basis by 2020 . Through this initiative, DOE seeks Industry Teams to implement research and technical support for new and existing homes. Some funding available for stimulating the existing home retrofit market. Up to \$25 million expected to be available, up to 7 awards anticipated. Responses due 8/24/09.

#### **7) Energy Star Appliance Rebates - Recovery Act**

The U.S. Department of Energy requests proposals from States and Territories to implement the State Energy Efficiency Appliance Rebate Program for residential ENERGY STAR appliance products. \$296 million expected to be available, 56 awards anticipated. Initial applications due 8/15/09, final applications due 10/15/09.

#### **8) State & Territorial Energy Assurance Plans - Recovery Act**

The U.S. Department of Energy requests proposals for Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency Initiative. This program will support State and Territorial Energy Office development of new, or refining existing, plans to integrate new energy portfolios and new applications, such as Smart Grid technology, into energy assurance and emergency preparedness plans. \$39.5 million expected to be available, 56 awards anticipated. Response due 7/30/09.

#### **9) Local Energy Assurance Plans - Recovery Act**

The U.S. Department of Energy requests proposals for the Local Energy Assurance Planning (LEAP) Initiative. This initiative, which is restricted to U.S. cities, focuses on developing new, or refining existing, plans to integrate new energy portfolios (renewables, biofuels, etc) and new applications, such as Smart Grid technology into energy assurance and



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emergency preparedness plans. \$10.5 million expected to be available, 50 awards anticipated. Responses due 10/8/09.

#### **10) State Electricity Regulators Assistance - Recovery Act**

The U.S. Department of Energy requests proposals from State and District of Columbia Public Utility Commissions (PUCs) for State Electricity Regulators Assistance. This program will supplement PUC staffing for the significant increase in workload created by Recovery Act electricity-related initiatives. \$46 million expected to be available, 51 awards anticipated. Responses due 8/31/09.

#### **11) Community Renewable Energy Deployment - Recovery Act**

The U.S. Department of Energy requests proposals for Community Renewable Energy Deployment. This initiative will support communities with existing renewable energy technology plans that are ready to move into implementation of the plan through readily deployable renewable energy installations. Successful applicants will demonstrate how large-scale renewable energy deployment will be facilitated through a comprehensive community energy strategy, adoption of codes and standards to support interconnection of renewable energy systems into the grid, financing, and partnerships with utilities, the renewable energy industry, and government agencies. \$21.45 million expected to be available, up to 4 awards anticipated. Responses due 9/3/09.

#### **12) Solar America Cities**

The U.S. Department of Energy requests proposals for Solar America Cities - Technical Outreach. Through this RFP, DOE seeks one or more partner organizations to provide a maximum number of local governments with actionable information that will enable them to accelerate solar energy deployment. The goal is to reach multiple levels of local government stakeholders through this activity, such as mayors and city council members, county officials, sustainability and environmental staff, and planners. \$10.5 million expected to be available, 1 award anticipated. Responses due 10/15/09.

#### **13) Concentrating Solar Power**

The U.S. Department of Energy requests proposals for Baseload Concentrating Solar Power (CSP) Generation. Through this initiative, DOE seeks the development and evaluation of CSP components and/or systems that will lead to solar power plants with a capacity to generate electricity at costs competitive with fossil-fired generators. Areas of interest include: 1) R&D of concepts and components that can be part of a CSP baseload system, 2) Evaluation of the feasibility of a complete CSP baseload system and development of a prototype system that can be implemented in the field. \$15 million expected to be available, up to 13 awards anticipated. Responses due 10/15/09.

#### **14) Solid-State Lighting - Recovery Act -**

The U.S. Department of Energy requests proposals for Solid-State Lighting Core - Round VI. Areas of interest include: 1) Internal Quantum Efficiency; 2) Phosphors and Conversion Materials; 3) Thermal Components Research; 4) System Reliability Methods; 5) Optical Component Materials; 6) Novel Device Architectures; 7) High Efficiency OLED



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Materials; 8) OLED Electrodes; and 9) OLED and Encapsulation Fabrication. \$8 million expected to be available, up to 10 awards anticipated. Responses due 8/10/09.

#### **15) Solid-State Lighting - Recovery Act**

The U.S. Department of Energy requests proposals for Solid-State Lighting Product Development - Round VI. The objective of this initiative is the product development of general illumination SSL sources, luminaires, and enabling products. Areas of interest include: 1) LED Luminaires for General Illumination, 2) OLED Luminaires for General Illumination, 3) High Efficiency LEDs or Arrays, 4) Phosphors, 5) OLED Substrates, and 6) Off-Grid Applications. \$11.5 million expected to be available, up to 7 awards anticipated. Responses due 8/17/09.

#### **16) Solid State Lighting U.S. Manufacturing - Recovery Act**

The U.S. Department of Energy requests proposals for Solid State Lighting U.S. Manufacturing - Round 1. Through this initiative, DOE seeks projects focused on the cost reduction of solid-state lighting for general illumination through improvements in manufacturing equipment, processes, or techniques. Areas of interest include: 1) Epitaxial Growth Tools and Processes, 2) LED Chip Manufacturing, 3) Automated LED Packaging, 4) LED Luminaire Manufacturing, 5) Production of OLED Lighting Prototypes, and 6) Paths to High-Volume Manufacturing of OLED Devices. \$22 million expected to be available, up to 10 awards anticipated. Responses due 8/24/09.

#### **17) Rural Community Development Initiative**

The U.S. Department of Agriculture requests proposals for the Rural Community Development Initiative. This program supports intermediary organizations to develop their capacity to undertake housing, community facilities, and community and economic development projects in rural areas. \$6.256 million expected to be available, individual awards NTE \$300K. Responses due 9/24/09.

#### **18) Economic Development Assistance**

The Economic Development Administration requests proposals for Economic Development Assistance Programs that promote innovation and competitiveness, and prepare American regions for growth and success in the worldwide economy. These programs include: 1) Public Works - Supports the construction or rehabilitation of essential public infrastructure and facilities, 2) Planning - Supports the development, implementation, revision or replacement of comprehensive economic development strategies, and for related short-term planning investments, 3) Local Technical Assistance - Supports filling knowledge and information gaps that may prevent leaders in economically distressed regions from making optimal decisions on local economic development issues, and 4) Economic Adjustment Assistance Program - Supports a range of technical, planning and infrastructure assistance in regions experiencing adverse economic changes. \$240 million expected to be available, proposals accepted on an ongoing basis.

#### **19) Large Wind Turbine Drivetrain Testing Facility - Recovery Act**

The U.S. Department of Energy requests proposals for a Large Wind Turbine Drivetrain Testing Facility. This initiative will support the design and construction of a large



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dynamometer facility for testing 5 to 15 MW rated drivetrains, with supporting systems, and the operation and maintenance of these facilities for the benefit of wind stakeholders nationwide. \$45 million expected to be available, 1 award anticipated. Letters of Intent to Apply were required and were due 7/22/09. Final proposals due 8/13/09.

#### **20) Hydroelectric Facility Modernization - Recovery Act**

The U.S. Department of Energy requests proposals for Hydroelectric Facility Modernization. This initiative will focus on supporting the deployment of turbines and control technologies to increase and maximize system generation at existing non-Federal hydroelectric facilities. \$32 million expected to be available, up to 2 awards anticipated. Responses due 8/20/09.

#### **21) U.S. & China Clean Energy and Climate Partnership**

The U.S. Agency for International Development, Regional Development Mission for Asia seeks proposals for the U.S. - China Clean Energy and Climate Partnership. This new USAID/RDMA environmental partnership program will focus on clean energy solutions that promote real and sustainable reductions in greenhouse gas emissions. \$6 million expected to be available, 1 award anticipated. Responses due 8/17/09.

#### **22) Carbon Capture & Sequestration Training – Recovery Act**

The U.S. Department of Energy requests proposals for Geologic Sequestration Training and Research. Through this initiative, DOE will support carbon capture and storage (CCS) technologies training for graduate and undergraduate students. \$12.9 million expected to be available, up to 42 awards anticipated. Responses due 8/11/09.

#### **23) Climate Change and Extreme Floods in the West**

The U.S. Department of Interior, Bureau of Reclamation requests proposals for the Impact of Climate Change on Extreme Floods in the Western U.S. This research initiative is directed at answering questions relating extreme floods to climate change. Further work will focus on implications for flood hydroclimatology and flood frequency analyses. Results from this study will be disseminated widely to various state and federal agencies, non-profit groups and floodplain managers. \$225K expected to be available, 1 award anticipated. Responses due 8/10/09.

#### **24) Climate Process and Modeling Teams**

The National Science Foundation requests proposals for Climate Process and Modeling Teams. This initiative supports accelerated development of global coupled climate models, and work to reduce uncertainties in climate models by bringing together theoreticians, field observers, process modelers and the large modeling centers to concentrate on the scientific problems facing climate models today. Responses due 9/24/09.

#### **25) Algal/Advanced Biofuels Consortia - Recovery Act**

The U.S. Department of Energy requests proposals for Development of Algal/Advanced Biofuels Consortia. This program will support the establishment of Consortia for two primary areas: 1) Development of Algae Based Biofuels, and 2) Development of Advanced



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Cellulosic Biofuels. \$85 million expected to be available, up to 3 awards anticipated. Responses due 9/14/09.

### **26) Biosensing**

The National Science Foundation requests proposals for the Biosensing Program. The Biosensing program primarily supports innovative, fundamental, and applied research with applications to biomedical, food safety, energy, environmental, and security needs. \$2.3 million expected to be available, up to 5 awards anticipated. Responses due 9/17/09.

### **27) Reducing Indoor Pollutants**

the U.S. Environmental Protection Agency requests proposals for Indoor Environments: Reducing Public Exposure to Indoor Pollutants. This program supports demonstration, training, outreach and/or education projects. \$5 million expected to be available, up to 30 awards anticipated. Responses due 9/14/09.

### **28) Healthy Homes**

The U.S. Department of Housing and Urban Development requests proposals for Healthy Homes Technical Studies. This initiative will support project geared to improving the value and cost-effectiveness of methods for evaluation and control of housing-related health and safety hazards. \$4 million expected to be available, responses due 8/18/09.

### **29) Renewables – Architect of the Capitol**

The U.S. General Services Administration requests proposals for renewable energy certificates (RECs) for the Architect of the Capitol and possibly other Federal agencies. GSA seeks pricing for a total of 40,000 MWhs of RECs per year for 10 years. Responses due 9/1/09.

### **30) Renewables - Michigan**

The City of Ann Arbor, MI seeks 15,000 MWh of eligible renewable energy certificates (RECs) sourced from MI or within the region to meet its goal of obtaining 30 percent of municipal energy from renewable sources in 2010. Responses due 9/15/09.

### **31) Wind Turbine – Alaska – Recovery Act**

The U.S. Department of Interior, National Park Service, Alaska Regional Office announces its intent to issue an Invitation to Bid, for the purchase and installation of a wind turbine at Anaktuvuk Pass, AK. The system shall include a complete system, including connection to the local electrical utility. Bids will open on or about 9/3/09.

### **32) Wind Turbine - Alaska**

The U.S. Department of Commerce, Ted Stevens Marine Research Center, Juneau, AK, has a requirement for a 10 kW wind generator, tower, inverter, and tower wiring subsystem. Responses due 7/29/09.



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### **33) Energy Efficient Transportation Systems - New York**

The New York State Energy Research and Development Authority and the New York State Department of Transportation request proposals for Energy Efficient Transportation Systems. The goal of this RFP is to develop and/or demonstrate strategies and/or enabling commercial technologies that have the potential of incrementally improving the energy efficiency of the existing multi-modal transportation system in NY. \$1.5 million expected to be available. Responses due 9/17/09.

### **34) Energy Conservation Studies - New York**

The New York State Energy Research and Development Authority requests proposals from municipal governments, public K-12 schools, public universities or colleges to complete Energy Conservation Studies, which can be used to support applications to upcoming project implementation funding opportunities through NYSERDA's administration of American Recovery and Reinvestment Act (Recovery Act) funds. \$5million expected to be available. Applications accepted on a first-come, first-served basis through 3/15/10.

### **35) Renewables – Western U.S.**

PacifiCorp seeks up to 500 MW of eligible renewable resources located within the Western Electricity Coordinating Council (<http://www.wecc.biz/Pages/Default.aspx>). Notice of intent to bid is required and is due 8/3/09, final bids due 9/10/09.

### **36) Contribution of Cost Share for Recovery Act RFPs – California**

The California Energy Commission requests proposals for American Recovery and Reinvestment Act Cost Share. Through this RFP, the CEC will contribute cost share to applicants who are submitting applications to the federal government in response to Recovery Act funding opportunity announcements (FOA). \$21 million expected to be available. These FOAs include:

- Enhanced Geothermal Systems Component Research and Development/Analysis, DE-FOA-0000075;
- Enhanced Geothermal Systems Demonstration, DE-FOA-0000092;
- Geothermal Technologies Program, DE-FOA-0000109;
- High Penetration Solar Deployment, DE-FOA-0000085;
- Building America Energy Efficient Housing, DE-FOA-0000099;
- Solid State Lighting Round IV Core, DE-FOA-0000082;
- Training Program Development for Commercial Building Equipment Technicians, Building Operators, Energy Commissioning Agents/Auditors, DE-FOA-0000118;
- Solid State Lighting Product Development Round VI, DE-FOA-0000055;
- Energy Efficient Information and Communication Technology, DE-FOA-0000107;
- Smart Grid Investment Grant Program, DE-FOA-0000058;
- Smart Grid Demonstrations, DE-FOA-0000036;
- Geological Sequestration Training and Research, DE-FOA-0000032;
- Site Characterization of Promising Geologic Formations for CO2 Storage, DEFOA-0000033;
- Carbon Capture and Sequestration from Industrial Sources and Innovative Concepts for Beneficial CO2 Use, DE-FOA-0000015; and
- Advanced Energy Efficient Building Technologies, DE-FOA-0000115.