

Solicitations (Issue 211)
4/19/11

Greetings Subscribers – Here is Issue 211:

There are 26 funding notices included in this issue.

1) Wind Power, Birds, Bats, and the Great Lakes

The U.S. Department of the Interior, U.S. Fish and Wildlife Service, requests proposals for the Great Lakes Wind Power - Making it Wildlife-Friendly. This RFP will support projects addressing two data gaps in assessing the impact of wind power on migratory birds and bats: 1) Monitoring migratory bird and/or bat use of selected Great Lakes islands during fall 2011 and/or spring 2012 migration and conversion of the monitoring data into spatially explicit data; and 2) Digitization of datasets from historic spring and/or fall bird migration surveys that occurred along the shores of the U.S. Great Lakes or on islands within the U.S. Great Lakes. \$100K expected to be available, multiple awards anticipated. Responses due 5/6/11. For more info, contact Megan Seymour at Megan_Seymour@fws.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=85913>. Refer to Sol# FWS-ES-GLRI-10WW. (Grants.gov 4/6/11)

2) Solar Energy Grid Integration

The U.S. Department of Energy requests proposals for Solar Energy Grid Integration Systems - Advanced Concepts. Through this RFP, DOE seeks the development of power electronics technologies that reduce the overall PV system costs, allow high penetrations of solar technologies onto the grid, and enhance the performance, reliability, and safety of the PV system. Topics of interest include: Smart-Grid Functionality; and Using Power Electronics to Address Balance of System Costs. \$30 million expected to be available, up to 7 awards anticipated. Pre-proposals due 5/9/11, final proposals, by invitation, due 6/23/11. For more info, contact PowerElectronics@go.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000479. (Grants.gov 4/8/11)

3) PV Cell Efficiency

The U.S. Department of Energy requests proposals for the Foundational Program to Advance Cell Efficiency. Through this RFP, DOE seeks research that provides the technical foundation for significant increases in solar PV cell efficiency, to enable commercial and near-commercial PV technologies to achieve \$1 per watt installed system cost targets by the end of the decade. Topic areas include: Foundational Research on PV Sub-Cell Materials and Processes; Foundational PV Cell Research; and Barrier Focus Teams. Up to \$39 million expected to be available, up to 21 awards anticipated. Concept Paper due 5/9/11, final proposals, by invitation, due 6/23/11. For more info, contact F-PACE@go.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000492. (Grants.gov 4/8/11)

4) Next Generation Photovoltaics

The U.S. Department of Energy requests proposals for Transformational PV Science and Technology: Next Generation Photovoltaics II. Through this RFP, DOE seeks revolutionary, exploratory research to create highly disruptive solar PV technologies that will meet \$1 per watt

and lower installed system cost targets beyond the end of this decade. Up to \$30 million expected to be available, up to 30 awards anticipated. Pre-proposals due 5/9/11, final proposals, by invitation, due 6/23/11. For more info, contact pvbos@go.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000387. (Grants.gov 4/8/11)

5) PV System Hardware Cost Reductions

The U.S. Department of Energy requests proposals for Extreme Balance of System Hardware Cost Reductions, for projects that significantly reduce the balance of system hardware cost components of PV systems. Topics of interest include: Transformational Building Integrated Photovoltaic Modules; Roof and Ground Mount Innovations; Transformational Photovoltaic System Designs; and Development of New Wind Load Codes for PV Systems. Up to \$64 million expected to be available, up to 21 awards anticipated. Letters of Intent are required and are due 5/9/11, final proposals due 6/9/11. For more info, contact pvbos@go.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000493. (Grants.gov 4/8/11)

6) Advanced Hydropower Development

The U.S. Department of Energy requests proposals for Advanced Hydropower Development. Through this RFP, DOE seeks proposals for the development, testing, validation, modeling, and interconnection of advanced conventional hydropower systems. Topic areas include: Sustainable Small Hydropower; Sustainable Pumped Storage Hydropower; Environmental Mitigation Technologies for Conventional Hydropower; and Advanced Conventional Hydropower System Testing at a Bureau of Reclamation Facility. \$26.25 million expected to be available, up to 25 awards anticipated. For more info, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000486&agency=DOE>. Refer to Sol# DE-FOA-0000486. (Grants.gov 4/5/11)

7) Biomass R&D

The U.S. Department of Agriculture and the U.S. Department of Energy request proposals for the Biomass Research and Development Initiative. Projects must integrate the following technical areas: Feedstocks development; Biofuels and biobased products development; and Biofuels and biobased products development analysis. Alongside integration of these areas, USDA specifically seeks farm and industrial demonstration(s) and analysis of using biodiesel to improve commercial grain and cellulosic ethanol production systems. Up to \$30 million expected to be available, up to 8 awards anticipated. Pre-applications are required and are due 5/31/11, final proposals, by invitation, due 10/4/11. For more info, contact fy11brdi@go.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000510&agency=DOE>. Refer to Sol# DE-FOA-0000510. (Grants.gov 4/15/11)

8) Healthy Homes Program

The U.S. Department of Housing & Urban Development requests proposals for the Healthy Homes Production Program. This program supports projects that identify and correct significant housing-related health and safety hazards in privately owned, low-income rental or owner occupied housing. HUD is especially interested in projects that integrate healthy homes practices into existing housing rehabilitation, property maintenance, weatherization, energy efficiency improvements, and other housing improvement programs. Funding and estimated number of awards TBD by 2011 appropriation. Responses due 6/9/11. For more info, contact

Michelle Miller at Michelle.M.Miller@HUD.gov or go to:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=86573>. Refer to Sol# FR-5500-N-03. (Grants.gov 4/8/11)

9) Lead Based Paint Hazard Control

The U.S. Department of Housing and Urban Development requests proposals for the Lead Based Paint Hazard Control Program. This RFP will fund comprehensive programs to identify and control lead-based paint hazards in eligible privately owned rental or owner-occupied housing. Funding and estimated number of awards TBD by 2011 appropriation. For more info, contact Michelle Miller at Michelle.M.Miller@hud.gov or go to:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=86547>. Refer to Sol# FR-5500-N-02A. (Grants.gov 4/8/11)

10) Lead Hazard Reduction Demonstrations

The U.S. Department of Housing and Urban Development requests proposals for the Lead Hazard Reduction Demonstration Grant Program. This RFP is targeted at urban jurisdictions with the greatest lead-based paint hazard control needs and will fund comprehensive programs to identify and control lead-based paint hazards in eligible privately owned rental or owner-occupied housing. Funding and estimated number of awards TBD by 2011 appropriation. For more info, contact Michelle Miller at Michelle.M.Miller@hud.gov or go to:
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=86553>. Refer to Sol# FR-5500-N-02B. (Grants.gov 4/8/11)

11) Development of Standards for Electronic Products

The U.S. Environmental Protection Agency requests proposals to Develop Standards for Environmentally Preferable Electronic Products. This RFP will support studies, training and technical assistance necessary to develop two voluntary consensus standards that will be published as American National Standards for environmentally preferable electronic products using a standards process accredited by the American National Standards Institute. \$500K expected to be available, up to 1 award anticipated. Responses due 6/14/11. For more info, contact Beth Anderson at anderson.beth@epa.gov or go to:
<http://www.epa.gov/opptintr/p2home/>. Refer to Sol# EPA-HQ-OPPT-2011-01. (Grants.gov 4/13/11)

12) Environmental Justice & Green Jobs – Region 6

The U.S. Environmental Protection Agency, Region 6, requests proposals for the Environmental Justice Green Jobs Development Pilot. Through this RFP, EPA seeks projects that promote Green Job Training and Green Job Placement in underserved populations. \$100K expected to be available, 1 award anticipated. Responses due 5/10/11. Projects must take place in AR, LA, NM, OK, or TX. For more info, contact Charlotte Runnels at runnels.charlotte@epa.gov or go to: <http://www.epa.gov/region06/6dra/oejta/ej/index.html>. Refer to Sol# EPA-R6-OEJTA-11-1. (Grants.gov 4/12/11)

13) Climate Change - Pacific Islands

The U.S. Department of the Interior, U.S. Fish & Wildlife Service, Pacific Region, requests proposals for the Pacific Islands Climate Change Cooperative. Areas of interest include: Past

and Future Geophysical Change; Ecological Responses to Climate; and Large-Scale Change, and Management Tools. \$300K expected to be available, up to 7 awards anticipated. Responses due 4/25/11. For more info, contact Jeff Burgett at Jeff_Burgett@fws.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=87013>. Refer to Sol# FWSR1-PICCC-FY2011. (Grants.gov 4/11/11)

14) Conservation Innovation – Washington and New York

The U.S. Department of Agriculture requests proposals for the Conservation Innovation Grant (CIG) Program. CIG seeks to stimulate innovative conservation approaches and technologies, in conjunction with agricultural production. Areas of interest vary by state/territorial priorities but may include areas such as transitioning to organic production, farm energy conservation, and carbon sequestration in soil.

1) Washington: \$150K expected to be available, up to 3 awards anticipated. Responses due 5/31/11. For more info, contact Dave Brown at david.brown@wa.usda.gov or go to: <http://www.wa.nrcs.usda.gov/programs/cig/FY11/index.html>. Refer to Sol# USDA-NRCS-WA-11-01. (Grants.gov 4/11/11)

2) New York: \$250K expected to be available, individual awards NTE \$75K. For more info, contact Bruce Hopkins at bruce.hopkins@ny.usda.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=86394>. Refer to Sol# USDA-NRCS-NY-11-01. (Grants.gov 4/8/11)

15) Renewables - Arizona

The Arizona Public Service Company seeks 70,000,000 kWh annually of eligible renewable energy and associated environmental attributes from small generation projects (2-15 MW) to meet the requirements of the APS Small Generation Program. Confidentiality Agreements due 5/10/11, final bids due 5/17/11. For more info, contact Jessica Hernandez at jessica.hernandez@aps.com or go to: <http://www.aps.com/aps/rfp/default.html>. (Green Power Network 4/7/11)

16) Electric Energy Innovations - California

The California Energy Commission requests proposals for the Energy Innovations Small Grant Program – Electricity Program. EISG funds the early development of innovative energy RD&D projects. Projects must target one of the following: Industrial/Agriculture/Water End-Use Efficiency; Building End-Use Efficiency; Environmentally Preferred Advanced Generation; Renewable Generation; Energy-Related Environmental Research; and Energy Systems Integration. Proposed projects must be clearly relevant to California's electric market. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 6/14/11. For more info, contact eisg@projects.sdsu.edu or go to: http://www.energy.ca.gov/contracts/smallgrant/11-01_electricity/index.html. Refer to Sol# 11-01.

17) Natural Gas Energy Innovations - California

The California Energy Commission requests proposals for the Energy Innovations Small Grant Program – Natural Gas Program. EISG funds the early development of innovative energy

RD&D projects. Projects must target one of the following: Natural gas energy efficiency; natural gas environmental impacts; renewable energy technologies; strategic analysis; advanced generation concepts; and transportation. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 6/14/11. For more info, contact eisg@projects.sdsu.edu or go to: http://www.energy.ca.gov/contracts/smallgrant/11-01G_naturalgas/index.html. Refer to Sol# 11-01G.

18) Transportation (Electric) Innovations - California

The California Energy Commission requests proposals for Energy Innovations Small Grant Program – Transportation Program (Electric). This program supports projects that determine the feasibility of energy R&D in transportation subject areas including but not limited to: Standard vehicle battery pack design; battery system costs; vehicle charging infrastructure; consumer behavior; and efficient accessories. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 6/14/11. For more info, contact eisg@projects.sdsu.edu or go to: http://www.energy.ca.gov/contracts/smallgrant/11-01G_naturalgas/index.html. Refer to Sol# 11-01T - Electricity.

19) Transportation (Natural Gas) Innovations - California

The California Energy Commission requests proposals for Energy Innovations Small Grant Program – Transportation Program (Natural Gas). This program supports R&D, demonstration, and deployment of advanced fuel-efficient natural gas powered transportation technologies and fuel switching strategies that are cost-effective and will reduce petroleum fuel use. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 6/14/11. For more info, go to: http://www.energy.ca.gov/contracts/smallgrant/11-01T_naturalgas/index.html. Refer to Sol# 11-01T - Natural Gas.

20) Solar - Maryland

The National Renewables Cooperative Organization seeks up to 7.5 MW of eligible solar energy projects in Maryland. NRCO is not seeking renewable energy credits without the associated energy, demand side management related items, or R&D products or projects. Notice of intent to bid due 4/25/11, final proposal due 5/31/11. For more info, contact solar@nrco.coop or go to: <http://www.renewable.coop/>. (Green Power Network 3/31/11)

21) Heating and Cooling - New York

The New York State Energy Research and Development Authority requests proposals for Heating and Cooling. This RFP will support R&D of innovative heating, cooling, and domestic hot water technologies for residential and commercial buildings. \$1.4 million expected to be available, individual awards NTE \$300K. For more info, contact Nathan Russell at nar@nysesda.org or go to: <http://www.nysesda.org/funding/2219pon.asp>. Refer to PON# 2219.

22) Public Participation and Environmental Decision Making – Central America

The U. S. Environmental Protection Agency requests proposals for Improving Public Participation and Environmental Decision Making in Participating Central American Free Trade Agreement Countries (Costa Rica, Honduras, El Salvador, Nicaragua, Guatemala and Dominican Republic). Through this RFP, EPA seeks projects to develop and implement a strategic public outreach campaign, and effectively engage civil society and local government on specific

environmental issues and policy decision-making process. \$300K expected to be available, up to 6 awards anticipated. Responses due 5/27/11. For more info, contact Melissa Dimas at dimas.melissa@epa.gov or go to: <http://www.epa.gov/international/grants/index.html>. Refer to Sol# EPA-OITA-2011-002. (Grants.gov 4/17/11)

23) Climate Change - Asia

The U.S. Agency for International Development requests proposals for the Asia Climate Change Adaptation Project Preparation Facility, for work to address capacity and information needs of eligible governments in the Asia region in accessing climate change adaptation funds and accelerating investments in initiatives that increase resilience to the negative impacts of climate change. Responses due 5/20/11. For more info, contact Praveena Virasingh at

pvirasingh@usaid.gov or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=4f6143c41c6adb50bafc8ead7deaf3a8&tab=core&_cvview=0. Refer to Sol# 486-11-027. (FBO 3/30/11)

24) Clean Energy IDIQ – Developing Countries

The U.S. Agency for International Development requests proposals for the Clean Energy Indefinite Delivery Indefinite Quantity (IDIQ) Contract for Non-Critical Priority Countries. Non-Critical Priority Countries are all of the developing countries USAID assists except for those identified as Critical Priority Countries (presently Afghanistan, Iraq, Pakistan and Sudan), who will be served through a separate IDIQ. This IDIQ will fund a range of technical assistance projects to improve access to reliable and affordable clean energy, improve regulation and governance in the energy sector, demonstrate the use of innovative technologies and business models, and assist with the transition to a low carbon development trajectory. Energy sector themes include: Climate change, clean energy, energy poverty, energy sector governance, energy security, and energy sector reform. Responses due 4/28/11. For more info, contact Roxane Wiser at rwiser@usaid.gov or go to:

https://www.fbo.gov/?s=opportunity&mode=form&tab=core&id=b7adcfff01003034609ff4b71de71a1a&_cvview=0. Refer to SOL-OAA-11-000034. (FBO 3/30/11)

25) Climate Change and Wildlife

The Wildlife Conservation Society, with funding from the Doris Duke Charitable Foundation, request proposals for the Climate Adaptation Fund, a new program to support effective interventions to help wildlife adapt to climate change and achieve the following types of results: Demonstrate land management techniques to assist wildlife adaptation to climate change; protect or expand core habitat areas; create new protected areas or change land use designations to secure intact habitat; assure connectivity for wildlife between core habitat areas; and protect keystone species at risk from the impacts of climate change. \$2 million expected to be available, individual awards NTE \$250K. Responses due 4/29/11. For more info, go to:

<http://www.wcsnorthamerica.org/ClimateAdaptationFund/tabid/4813/Default.aspx>. (Foundation Center RFP Bulletin 4/15/11)

26) Generating Employment Opportunities

The eBay Foundation and Changemakers request proposals for the Powering Economic Opportunity: Create a World that Works competition. This initiative will support innovative market-based approaches to creating economic opportunity and generating employment for

disadvantaged populations. \$250K expected to be available, individual awards \$50K each. Responses due 6/15/11. For more info, go to: <http://www.changemakers.com/en-us/economicopportunity>. (Foundation Center RFP Bulletin 4/15/11)