

Solicitations (Issue 214)
9/4/11

Greetings Subscribers – Here is Issue 214:

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

There are 22 funding notices included in this issue.

1) Industrial Scale PV Applications

The U.S. Department of Energy requests proposals for PV Manufacturing Initiative Part 2: SUNPATH (Scaling Up Nascent PV AT Home). Through this RFP, DOE seeks industrial scale demonstration of the applicant's PV module, cells, or substrates that are at least 15% lower in cost per watt than the current market leading technology. \$50 million expected to be available, up to 2 awards anticipated. Responses due 10/28/11. For more info, contact sunpath@go.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000566. (Grants.gov 8/2/11)

2) Reduction of Black Carbon from Diesel – The Arctic

The U.S. Environmental Protection Agency requests proposals for Arctic Black Carbon: Reduction of Black Carbon from Diesel Sources. Through this RFP, EPA will support development, assessment, implementation, and mitigation activities for diesel sources of black carbon in the Russian Arctic. \$1 million expected to be available, 1 award anticipated. Responses due 11/4/11. For more info, contact Teresa Kuklinski at kuklinski.teresa@epa.gov or go to: <http://www.epa.gov/international/grants/index.html>. Refer to Sol# EPA-OITA-2011-005. (Grants.gov 9/1/11)

3) Sustainability Research Networks

The National Science Foundation requests proposals for the Sustainability Research Networks Competition. Through this competition, NSF, in partnership with other agencies, international efforts, and the private sector, aims to support members of the academic research community for projects which produce discoveries and knowledge that will inform decisions leading to environmental, energy, social and cultural sustainability. \$36 million expected to be available, up to 4 awards anticipated. Preliminary proposals due 12/1/11, final proposals due 4/1/12. For more info, including contacts, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11574. Refer to NSF 11-574. (Grants.gov 8/25/11)

4) University Transportation Centers

The U.S. Department of Transportation requests proposals for the University Transportation Centers Program Open Competition. The purpose of the Centers is to advance U.S. technology and expertise in transportation through research, education, and technology transfer; and to provide a critical transportation knowledge base outside the DOT; and to address vital workforce needs for the next generation of transportation leaders. \$80 million expected to be available, up to 22 awards anticipated. Responses due 10/26/11. For more info, contact UTCgrants@dot.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=108433>. Refer to Sol# UTCOPENCOMP2011. (Grants.gov 7/26/11)

5) Industry/University Cooperative Research Centers

The National Science Foundation requests proposals for Fundamental Research Program for Industry/University Cooperative Research Centers. Areas of interest include, but are not limited to: Energy and Environment; Advanced Manufacturing; Biotechnology; Advanced Materials; and Fabrication and Process Technology. \$1.6 million expected to be available, up to 10 awards anticipated. Responses due 2/1/12. For more info, contact Rathindra DasGupta at rdasgupt@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11570. Refer to NSF 11-570. (Grants.gov 8/10/11)

6) Undergraduate Environmental Fellowships

The U.S. Environmental Protection Agency requests proposals from undergraduate bachelor level students in environmental fields of study for the Greater Research Opportunities Fellowships Program. Areas of interest include: Natural and Life Sciences; Environmental Sciences and Interdisciplinary Programs; Engineering; Social Sciences; Physical Sciences and Earth Sciences; and Mathematics and Computer Science. \$1.956 million expected to be available, up to 40 awards anticipated. Individual awards NTE \$48.9K. Responses due 12/12/11. For more info, contact Georgette Boddie at boddie.georgette@epa.gov or go to: http://www.epa.gov/ncer/rfa/2012/2012_gro_undergrad.html. Each area of interest has a different RFP number. (Grants.gov 8/23/11)

7) NSF SBIR Phase I

The National Science Foundation requests proposals for Small Business Innovation Research Program Phase I. This program seeks to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal R&D needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. Areas of interest include: Biological and Chemical Technologies; Education Applications; Electronics, Information and Communication Technologies; and Nanotechnology, Advanced Materials, and Manufacturing. \$15 million expected to be available, up to 100 awards anticipated. Responses due 12/2/11. For more info, including contacts, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11577. Refer to NSF 11-577. (Grants.gov 8/25/11)

8) San Luis Basin Sustainability Project - Colorado

The U.S. Environmental Protection Agency requests proposals for the San Luis Basin Sustainability Project. Through this RFP, EPA will support the development of a plan, calculation of sustainability metrics using publicly-available data on the San Luis Basin region, compilation of the results into a report, publication of results, training of stakeholders to adaptively manage resources in the region, and determination if the regional system is moving toward or away from sustainability. \$200K expected to be available, one award anticipated. Notice of Intent to Apply is requested but not required and is due 9/19/11. Final proposals due 10/10/11. For more info, contact Cynthia Johnson at johnson.cynthia@epa.gov or go to: <http://www.epa.gov/nrmrl/tech/funding.html>. Refer to Sol# EPA-ORD-NRMRL-CI-11-08. (Grants.gov 7/11/11)

9) Energy Education for Entrepreneurs – New York

The New York State Energy Research and Development Authority requests proposals for Clean Tech Executive Transition for Experienced Entrepreneurs. This RFP will support the development of a multi-year clean energy education program to educate experienced

entrepreneurs interested in seeking opportunities in the clean technology and renewable energy industries. \$600K expected to be available, individual awards NTE \$300K. Responses due 10/12/11. For more info, contact Jacques at JR3@nyserda.org or go to: <http://www.nyserda.org/funding/2264pon.asp>. Refer to PON# 2264.

10) DG-CHP – New York

The New York State Energy Research and Development Authority requests proposals for Distributed Generation as Combined Heat and Power (DG-CHP). This RFP will support the installation and demonstration of Combined Heat and Power systems in NY that produce electricity and useful thermal energy throughout the design life of the installed equipment. \$5.5 million expected to be available, individual awards NTE \$1 million. Responses due 10/4/11. For more info, contact Edward Kear at ebk@nyserda.org or go to: <http://www.nyserda.org/funding/2373pon.asp>. Refer to PON@ 2373.

11) Manufacturing Clean Energy Technologies - New York

The New York State Energy Research and Development Authority requests proposals for Innovation in the Manufacturing of Clean Energy Technologies. This RFP will support RD&D or commercialization of innovative technologies that provide an energy benefit to clean energy technology manufacturing process in NY. Up to \$2.5 million expected to be available. Responses due 9/15/11. For more info, contact Ashley Cox at adc@nyserda.org or go to: <http://www.nyserda.org/funding/2250pon.asp>. Refer to PON# 2250.

12) Emerging Technology Demonstrations - California

The California Energy Commission requests proposals for the Emerging Technology Demonstration Grant Program. Through this RFP, CEC seeks to support emerging technologies that are past the “proof- of-concept” stage and are ready to be demonstrated in an industrial setting. Project should target industrial, agricultural, or water energy efficiency areas for cumulative electricity, natural gas, or electricity demand reduction in CA. \$14 million expected to be available, individual awards NTE \$2 million. Abstracts due 10/6/11, final proposals due 12/22/11. For more info, contact Crystal Presley-Willis at Cpresley@energy.state.ca.us or go to: <http://www.energy.ca.gov/contracts/index.html>. Refer to PON# 11-501.

13) Advanced Medium and Heavy-duty Vehicles - California

The California Energy Commission requests proposals for Advanced Medium- and Heavy-Duty Vehicle Technologies Pre-Commercial Demonstrations. Through this RFP, CEC seeks applications from not for profit technology entities to administer, manage and coordinate demonstration projects for advanced, alternative technology medium- and heavy-duty vehicles for near commercial on- and off-road applications. Preference will be given to demonstration projects that focus on moving goods and people in California’s air basins with the greatest need for reducing greenhouse gas and criteria emissions. Projects must show near term commercialization and production capabilities, reduce greenhouse gas (GHG) emissions, and reduce petroleum use. \$16.9 million expected to be available. Responses due 10/7/11. For more info, contact dnichols@energy.state.ca.us or go to: <http://www.energy.ca.gov/contracts/index.html>. Refer to PON 10-603.

14) 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 CA's electric market. Individual hardware awards NTE \$95K, individual modeling awards NTE \$50K. Responses due 10/12/11. For more info, contact eisg@projects.sdsu.edu or go to: <http://www.energy.ca.gov/contracts/smallgrant/index.html>. Refer to Sol# 11-02.

15) 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 10/12/11. For more info, contact eisg@projects.sdsu.edu or go to: <http://www.energy.ca.gov/contracts/smallgrant/index.html>. Refer to Sol# 11-02G.

16) 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 11/12/11. For more info, contact eisg@projects.sdsu.edu or go to: <http://www.energy.ca.gov/contracts/smallgrant/index.html>. Refer to Sol# 11-02T - Electricity.

17) 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 11/12/11. For more info, go to: <http://www.energy.ca.gov/contracts/smallgrant/index.html>. Refer to Sol# 11-02T - Natural Gas.

18) Solar Panels – West Virginia

The U.S. Army Corps of Engineers requests bids for supply and delivery of ten 30 watt solar panels and regulators, to be delivered to the Robert C Byrd Locks and Dam, Gallipolis Ferry, WV. Responses due 9/12/11. For more info, contact Erin Bradley at erin.e.bradley@usace.army.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=50997c8ddaa37b243d1e1de973c1b080&ab=core&_cvview=0. Refer to Sol# W9123711T0206. (FBO 9/3/11)

19) Micro-Grid – Colorado and Hawaii

The U.S. Army Corps of Engineers request proposals for Smart Power Infrastructure Demonstration for Energy Reliability and Security. The contractor shall provide labor and materials to develop and construct an advanced distributed energy management system (micro-grid) at Joint Base Pearl Hickman, HI, and at Fort Carson, CO. Responses due 9/21/11. For

more info, contact Karyn Price at karyn.d.price@usace.army.mil or go to: <https://www.fbo.gov/?s=opportunity&mode=form&id=89c2982de41a873edecc90998d8ba9ca&tab=core&cvview=0>. Refer to Sol# W912BU-11-R-0041. (FBO 9/2/22)

20) Wind Turbines - Pennsylvania

The U.S. Department of Navy requests quotes for a 5KW and a 1.2 KW wind turbine in Mechanicsburg, PA. Responses due 9/15/11. For more info, contact Betty Ann Staab at Elizabeth.staab@navy.mil or go to:

<https://www.fbo.gov/?s=opportunity&mode=form&id=77eff83770a6a3bad055c66b0fc6bc79&tab=core&cvview=0>. Refer to Sol# N4008511B2178. (FBO 8/19/11)

21) Advancement of Clean Energy - India

The U.S. Agency for International Development in India announces its intent to request proposals for a new energy and climate change program titled Partnership to Advance Clean Energy Deployment (PACE-D). The contract will assist in deploying clean energy technologies, systems and solutions and will accelerate India's transition to a high performing, low emissions and energy secure economy by primarily working on three key components improved end use energy efficiency, increased supply of renewable energy and adoption and accelerated deployment of cleaner fossil technologies and management systems. The RFP will be posted on or about 9/6/11. For more info, contact Sumit Dutta at indiarco@usaid.gov or go to:

<https://www.fbo.gov/?s=opportunity&mode=form&id=0cfaa54bb271f1398f93d5b31e6e7f45&tab=core&cvview=0>. Refer to Sol# 386-11-000002. (FBO 8/14/11)

22) Economic Impact of Bicycling

The Bikes Belong Foundation requests proposals for research that examines the economic impact of additional or improved bicycling facilities or bike-related events, and for special opportunities and innovative or unique research efforts considered on a case-by-case basis. Grant range \$5K to \$10K. Responses due 9/30/11. For more info, go to: <http://www.bikesbelong.org/bikes-belong-foundation/foundation-grants/research-grants/>. (Foundation Center RFP Bulletin 8/5/11)