

Solicitations (Issue 189)

5/2/09

Greetings – Here is Issue 189.

The RFPs (that I noticed were) created or supplemented as a result of the American Recovery and Reinvestment Act (Recovery Act) are identified in the RFP titles.

The Recovery homepage (<http://www.recovery.gov/>) has links to State-level Recovery sites where you may be able to track down some sub-grantee opportunities. Washington State's Recovery site does an outstanding job showing where WA Recovery funds are going and who to contact for more info. Here's a link to all of the State sites: <http://www.recovery.gov/?q=content/state-recovery-page>.

A huge thanks to the Washington State University Extension Energy Program for distributing these newsletters through their listserv. WSU has provided this service to funding newsletter subscribers for over 11 years.

Please pass this newsletter on to those contacts in your state, region, or elsewhere who you think may be interested.

If anyone you know would like to sign up to receive these funding newsletters, follow the subscription instructions at the bottom of this email, or send a subscription request to laurie.e.brown@comcast.net. Include subscriber's email address in the body of the message.

If you would like to announce an RFP in one of these newsletters, forward a summary to me at the email address listed above.

There are 32 funding notices included in this issue.

1) Smart Grid Investments- Recovery Act

The U.S. Department of Energy announces its intent to request proposals for the Smart Grid Investment Grant Program. Through this program, DOE seeks to stimulate the rapid deployment and integration of advanced digital technology that is needed to modernize the nation's electric delivery network for enhanced operational intelligence and connectivity. The program will support projects that promote deployment, including development of component technologies. Individual award range anticipated to be \$500K to \$5 million. The RFP will open on or about 6/17/09. Three due dates anticipated: 7/29/09, 12/2/09, and 3/31/10. For more info, contact Donna Williams at Smart-Grid.NOIComments@hq.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/39C0D96768F2083F8525759A0068F216?OpenDocument>
<http://www07.grants.gov/search/search.do;jsessionid=9x3VJydGP2TfWHPRK9mfnphLqsWpm1TQmDJTzS6XLDp1QJKpb2SM!-1267850137?oppId=46833&flag2006=false&mode=VIEW>. Refer to Sol# DE-FOA-0000058. (Grants.gov 4/16/09)

2) Smart Grid Demonstrations - Recovery Act

The U.S. Department of Energy announces its intent to request proposals for Smart Grid Demonstrations. Through this RFP, DOE seeks regionally unique demonstrations to verify smart grid technology viability, quantify smart grid costs and benefits, and validate new smart grid business models, at a scale that can be readily adapted and replicated around the country. Areas of interest include: Smart Grid Demonstrations, Synchrophasors, and Energy Storage. \$615 million expected to be available, up to 36 awards anticipated. Closing date to be announced with release of RFP. For more info, contact Keith Carrington at

keith.carrington@netl.doe.gov or go to:

<http://www07.grants.gov/search/search.do;jsessionid=9x3VJydGP2TfWHPRK9mfnphLqsWpm1TQmDJTzS6XLDp1QJKpb2SM!-1267850137?oppId=46836&flag2006=false&mode=VIEW>. Refer to Sol# DE-FOA-0000036. (Grants.gov 4/16/09)

3) Advanced SynchroPhasor Research

The U.S. Department of Energy requests proposals for Advanced SynchroPhasor Research. This initiative will support analytical studies and demonstration of technologies that would improve electricity reliability and market efficiency and that rely on data exchange among electric utility companies and other organizations from high-speed, time-synchronized measurement devices installed in electric power substations or at generation stations. \$2.250 million expected to be available, up to 3 awards anticipated. Responses due 5/27/09. For more info, contact Erin Kirchoff Erin.Kirchoff@netl.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46392>. Refer to Sol# DE-FOA-0000035. (Grants.gov 3/27/09)

4) Low-Cost Lightweight Portable Photovoltaics

The Defense Advanced Research Projects Agency requests research proposals regarding photovoltaic power sources that excel in efficiency, portability, flexibility, durability, and ease of manufacture.

Proposal abstracts due 6/8/09, final proposals due 4/21/10. For more info, contact Cynthia Daniell at DARPA-BAA-09-45@darpa.mil or go to: <http://www.darpa.mil/dso/solicitations/baa09-45.htm>. Refer to Sol# DARPA-BAA-09-45. (Grants.gov 4/22/09)

5) Electronic and Photonic Materials

The National Science Foundation requests proposals for Electronic and Photonic Materials. The goal of this program is to advance the field of electronics and photonics through basic, potentially transformative materials science research. High risk, high payoff research is encouraged. For example, novel materials are sought that enable low cost, highly efficient, and stable photovoltaics, solid state lighting, and displays. Responses due 10/31/09. For more info, contact LaVerne Hess at lhess@nsf.gov or go to:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5353. Refer to Sol# PD-03-1775. (Grants.gov 4/7/09)

6) Solar Hazardous Waste Storage Container

The U.S. Department of the Navy seeks to purchase a solar hazardous waste storage container. Quotes due 5/12/09. For more info, contact Tonja Buchholz at tonja.buchholz@us.army.mil or go to:

<https://www.fbo.gov/?s=opportunity&mode=form&id=d062d80f2a0d78bef2469d882aab0dda&tab=core&cvview=1>. Refer to Sol# W91243-09-T-0015. (FBO 4/29/09)

7) Advanced Water Power

The U.S. Department of Energy requests proposals for Advanced Water Power. This initiative will support applied science and technology development, focused on near to medium term actions that will significantly accelerate use of water-based energy technologies, thus reducing the Nation's dependence on imported and environmentally damaging energy sources. Areas of interest include: Research and Testing for Marine and Hydrokinetic Energy; Environmental Assessment and Mitigation Methods for Marine and Hydrokinetic Energy; Research and Testing for Hydropower; and Environmental Assessment and Mitigation Methods for Hydropower. \$12 million expected to be available, up to 15 awards anticipated. Letters of Intent are required and are due 5/6/09, final proposals due 6/4/09. 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&oppId=46711>. Refer to Sol# DE-FOA-0000069. (Grants.gov 4/9/09)

8) Tidal Power - Maine

The U.S. Coast Guard seeks a demonstration of in-stream tidal current to supplement electrical power at the pier of Coast Guard Station Eastport, ME. The demonstration shall be no less than 60 days and no more than 12 months. Responses due 5/29/09. For more info, contact John Natale at John.A.Natale@uscg.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=aad6bd59462068e3cf7194efb2509e62&tab=core&_cvview=1. Refer to Sol# HSCG32-09-R-R00018. (FBO 4/30/09)

9) Water Efficiency - California Bay-Delta

The U.S. Bureau of Reclamation, Mid-Pacific Region, requests proposals for the CALFED Water Use Efficiency Grant Program. This program supports implementation, demonstration, or pilot water use efficiency or conservation projects that have benefits to the California Bay-Delta. \$5 million expected to be available, up to 25 awards anticipated. Responses due 6/8/09. For more info, contact Maria Castaneda at mcastaneda@mp.usbr.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=47025>. Refer to Sol# 09SF200042. (Grants.gov 4/24/09)

10) Conservation Innovation Program – FL, CA, Caribbean

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

FL: \$150K expected to be available, up to 5 awards anticipated. Responses due 5/27/09. For more info, contact Lynn Merrill at lynn.merrill@fl.usda.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46993>. Refer to Sol# USDA-NRCS-FL-09-01. (Grants.gov 4/23/09)

CA: \$375K expected to be available, up to 8 awards anticipated. Responses due 5/22/09. For more info, contact Alan Forkey at Alan.Forkey@ca.usda.gov or go to: <http://www.ca.nrcs.usda.gov/programs/cig/>. Refer to Sol# USDA-NRCS-CA-09-02. (Grants.gov 4/15/09)

Caribbean: \$216K expected to be available, up to 5 awards anticipated. Responses due 5/27/09. For more info, contact Lynn Merrill at lynn.merrill@fl.usda.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46730>. Refer to Sol# USDA-NRCS-PR-09-01. (Grants.gov 4/10/09)

11) Source Reduction

The U.S. Environmental Protection Agency, with the exception of Region 8, requests proposals for the Source Reduction Assistance Grant Program. SRA supports pollution prevention/source reduction and resource conservation projects that reduce or eliminate pollution at the source. Areas of interest include, but are not limited to: Projects that use source reduction to reduce pounds of hazardous wastes/substances; water conservation, energy conservation; and reduction of greenhouse gases. \$1.170 million expected to be available, up to 30 awards anticipated. Responses due 5/26/09. For more info, including Regional contacts and priorities, go to: <http://www.epa.gov/p2/pubs/grants/srap09.htm>. Refer to Sol# EPA-HQ-OPPT-09-08. (Grants.gov 4/27/09)

12) Community Health & Brownfields

The Centers for Disease Control and Prevention request proposals for Community Health Projects Related to Brownfield/Land Reuse. The purpose of the program is to identify and address public health and issues with Brownfield/land reuse sites, with a particular emphasis on identifying health issues prior to redevelopment and/or assessing changes in community health associated with reuse plans and redevelopment. \$150K expected to be available, up to 2 awards anticipated. Responses due 6/8/09. For more info, contact Tina Forrester at TForrester@cdc.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46719>. Refer to Sol# CDC-RFA-TS09-904. (Grants.gov 4/9/09)

13) Coordination of Pollution Prevention Network

The U.S. Environmental Protection Agency requests proposals for the Coordination of Regional Pollution Prevention Information Network Centers. This RFP will support the coordination of a national network of eight centers which are collectively known as the Pollution Prevention Resource Exchange. The Regional centers collaborate with State and local technical assistance providers to share pollution prevention information and training nationwide. \$240K expected to be available 1 award anticipated. A Notice of Intent to Apply is requested, but not required, and is due 5/29/09. Final proposals due 6/12/09. For more info, contact Beth Anderson at anderson.beth@epa.gov or go to: <http://www.epa.gov/p2/pubs/grants/coord09.html#ID5>. Refer to Sol# EPA-HQ-OPPT-09-05. (Grants.gov 4/29/09)

14) State Energy Program

The U.S. Department of Energy requests proposals for the State Energy Program (SEP). This program provides formula grants to State and Territorial energy offices to design and carry out renewable energy and energy efficiency priorities. \$25 million expected to be available, up to 56 awards anticipated. Due dates based on state/territorial program years. For more info, contact Lisa Kuzniar at lkuzni@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=46791>. Refer to Sol# DE-FOA-0000073. (Grants.gov 4/14/09)

15) Rural Housing and Economic Development

The U.S. Department of Housing and Urban Development requests proposals for the Rural Housing and Economic Development (RHED) Program. RHED supports capacity building and innovative housing and economic development activities in rural areas. \$26 million expected to be available, over 100 awards anticipated. Responses due 5/29/09. For more info, contact Thann Young at Thann.Young@hud.gov or go to: <http://www.hud.gov/offices/cpd/economicdevelopment/programs/rhed/index.cfm>. Refer to Sol# FR-5300-N-04. (Grants.gov 4/29/09)

16) 1890 Land-Grant Institution

The U.S. Department of Agriculture requests proposals for the 1890 Institution Rural Entrepreneurial Outreach and Development Initiative. This initiative supports 1890 Land-Grant Institution projects to provide technical assistance for business creation in economically challenged rural communities, for educational programs to develop and improve upon the professional skills of rural entrepreneurs, and for outreach and promotion of USDA programs in small rural communities with the greatest economic need. \$1.5 million expected to be available, up to 13 awards anticipated. Responses due 5/12/09. For more info, including a list of 1890 Institutions, go to: <http://www.rurdev.usda.gov/rbs/oa/1890.htm>. Refer to Sol# RDBCP-08-04-1890. (Grants.gov 4/16/09)

17) Biomaterials

The National Science Foundation requests proposals for the Biomaterials Program. This program supports research at the intersection of the physical, chemical, and biological sciences. Emphasis is on novel design of biomaterials, including bioderived, bioinspired, biomimetic and biocompatible materials, discovery of new phenomena, and the combination of experiment with theory and/or simulation. General areas of interest include, but are not limited to: Hybrids and composites, multi-functional biomaterials such as photonic and electronic biomaterials, biomaterials for energy harvesting, conversion and storage, and biomaterials for sensors and actuators. Responses due 10/31/09. For more info, contact David Brant at dbrant@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13699. Refer to Sol# PD-06-7623. (Grants.gov 4/7/09)

18) Contribution of Cost Share for Transportation Related Recovery Act RFPs - California

The California Energy Commission requests proposals for the American Recovery and Reinvestment Act Cost Share: Alternative and Renewable Fuel and Vehicle Technology Program. Through this RFP, the CEC will contribute cost share to applicants who are submitting proposals to the Federal government in response to a transportation-related Recovery Act funding opportunity announcements. All projects must be based in California. Eligible Recovery Act solicitations include, but are not limited to: Transportation Electrification (Round 1), DOE, DE-FOA-0000028; Energy Efficiency and Renewable Energy Research – Electric Drive Battery and Component Manufacturing Initiative, DOE, DE-FOA-0000026; Clean Cities (Rounds 1 and 2), DOE, DE-PS26-09NT01236-04; and Transit Investments for Greenhouse Gas and Energy Reduction, DOT, FTA-09005-TIGGER-TRI. \$176 million expected to be available, due dates vary by solicitation. For more info, contact Sarah Williams at skawilli@energy.state.ca.us or go to: <http://www.energy.ca.gov/contracts/transportation.html#PON-08-010>. Refer to PON-08-010.

19) Software to Analyze Integration of Renewables, Diesel Generation and Energy Storage

The Naval Facilities Engineering Command, Engineering Service Center seeks a software based model that can be used to analyze the integration of photovoltaic systems, wind energy systems, conventional

diesel generation, and energy storage. Award NTE \$400K. Abstracts due 5/15/09. For more info, contact Gene Crank at eugene.crank@navy.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=78ae41e101032453c66d9007ecc63cd1&tab=core&_cvview=1. Refer to Sol# N6258309R0089. (FBO 4/18/09)

20) Energy Efficiency and Renewable Energy Training Programs – Appalachia

The Appalachian Regional Commission requests proposals for Renewable Energy and Energy Efficiency Training and Certification Programs. Funded projects must focus on training and certification programs, supporting the development of trained employees for jobs in the renewable and energy efficiency fields, as well as providing certified installers to the marketplace. Implementation of energy efficiency education curricula, such as USGBC LEED programs, ASHRAE programming, IECC, or other energy efficiency coursework will also be supported. Projects must take place in the ARC Region which includes all of WV and parts of AL, GA, KY, MD, MS, NY, NC, OH, PA, SC, TN, and VA. \$250K expected to be available, up to 10 awards anticipated. Responses due 5/29/09. For more info, go to: <http://www.arc.gov/images/rfp/ARC%20Energy%20RFP%20Training%20and%20Certification.pdf>.

21) Renewable Energy and Energy Efficiency for K–12 Schools – Appalachia

The Appalachian Regional Commission requests proposals for Renewable Energy and Energy Efficiency for K-12 Schools. This program will underwrite costs of installing renewable energy and energy efficiency equipment in K–12 schools in Appalachia, and provide support for the implementation of associated science, environment, and business curricula in the classroom. Eligible renewable energy equipment includes: Wind, solar, fuel cells, biofuels, and geothermal systems. Projects must take place in the ARC Region which includes all of WV and parts of AL, GA, KY, MD, MS, NY, NC, OH, PA, SC, TN, and VA. \$250K expected to be available, up to 10 awards anticipated. Responses due 5/29/09. For more info, go to: <http://www.arc.gov/images/rfp/ARC%20Renewable%20Energy%20For%20Schools%20Program.pdf>.

22) Healthy Indoor Environments – Region 6

The U.S. Environmental Protection Agency, Region 6, requests proposals for Healthy Indoor Environments. This initiative will support project that reduce the public's exposure to common indoor environmental hazards and address one of the following: IAQ management in schools; education of asthmatics and/or caregivers re: environmental triggers; or training individuals or organizations on environmental management of asthma so they can counsel people with asthma. Projects must take place in AR, LA, NM, OK, or TX. \$150K expected to be available, up to 5 awards anticipated. Responses due 6/16/09. For more info, contact Stacy Murphy at murphy.stacy@epa.gov or go to: <http://www.epa.gov/region6/6pd/iaq/rfp2009.pdf>. Refer to Sol# EPA-R6-IAQ-2009-01. (Grants.gov 4/23/09)

23) Renewables Purchase - Southwest

The U.S. Department of the Navy announces its intent to request proposals for the purchase of competitively priced renewable electrical power through power purchase agreements at Naval and Marine Corps installations in the Naval Facilities Engineering Command Southwest AOR. The Navy seeks systems that are constructed, owned, operated, maintained and repaired by the successful offeror(s) on Government property located within the installation boundaries. Up to 5 awards anticipated. The RFP will be issued "within the next month." For more info, contact Russell Dominy at

Russell.dominy@navy.mil or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=2d9716078bff363ae320d7e111d4b2d0&tab=core&_cvview=1. Refer to Sol# N6258309R0085. (FBO 4/17/09)

24) Purchase of Renewable Credits

The Defense Logistics Agency seeks a total of 324,028,384 kWh of Renewable Energy Certificates for ultimate transfer to various Federal civilian customers. Responses due 5/5/09. For more info, contact Cynthia Ralph at

Cynthia.Ralph@dla.mil or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=eb590089bb1844b88e675c2fde959493&tab=core&_cvview=0. Refer to Sol# SP0600-09-R-0407-0001. (FBO 4/23/09)

25) PV Array - Arkansas

The U.S. Department of the Interior, Hot Springs National Park, Hot Springs, Arkansas, seeks replacement of an HVAC system and installation of a PV array to supply a portion of the operating power. Responses due 5/21/09. For more info, contact Linda Fritz at

kay_fritz@nps.gov or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=7abab03db16358be8922e05a7ab437a1&tab=core&_cvview=0. Refer to Sol# I730709U123. (FBO 5/1/09)

26) Transformational Energy R&D - Recovery Act

The U.S. Department of Energy, Advanced Research Projects Agency (a new DOE Agency created specifically to foster R&D of transformational energy related technologies) requests proposals for Advanced Research Projects. Transformational technologies are defined as those that disrupt the status quo; not merely better than current technologies, but significantly better. This RFP supports the Nation's need to overcome the threats posed by climate change and energy security. Concept papers are required, and are due 6/2/09. Final proposals accepted by invitation only. For more info, contact Bradley Poston at

bradley.poston@hq.doe.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&flag2006=false&oppId=47045>. Refer to Sol# DE-FOA-0000065. (Grants.gov 4/27/09) (FBO 4/29/09)

27) National Lab Partnerships for Energy Research

The U.S. Department of Energy requests proposals for Experimental Program to Stimulate Competitive Research (EPSCoR); Building EPSCoR-State/National Laboratory Partnerships. This RFP will support collaborative partnerships between National Laboratories and academic or industrial researchers to conduct nationally competitive, energy-related research. \$1.7 million expected to be available, maximum awards generally \$600K. Pre-applications are required and are due 6/5/09, final proposals due 11/9/09. For more info, contact Marilyn Oyler at

marilyn.oyler@science.doe.gov or go to: [https://e-](https://e-center.doe.gov/iips/faopor.nsf/UNID/33EE94649665FEA8852575A1006CCB0A?OpenDocument)

[center.doe.gov/iips/faopor.nsf/UNID/33EE94649665FEA8852575A1006CCB0A?OpenDocument](https://e-center.doe.gov/iips/faopor.nsf/UNID/33EE94649665FEA8852575A1006CCB0A?OpenDocument). Refer to Sol# DE-PS02-09ER09-11. (Grants.gov 4/23/09)

28) Energy Innovations Small Grant Program

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 6/11/09. For more info, go to: http://www.energy.ca.gov/contracts/smallgrant/09-01_electricity/index.html. Refer to Sol# 09-01.

29) Supplemental DOE Phase II SBIR/STTR – Recovery Act

The U.S. Department of Energy requests Supplemental Applications for Phase II SBIR/STTR Grants, for currently active grantees that were awarded Phase II in response to the 2007 Phase II Funding Opportunity Notice. Individual awards NTE \$250K. Responses due 5/8/09. For more info, contact sbir-sttr@science.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/CBB6D038377D46AD8525759300681035?OpenDocument>. Refer to Sol# DE-PS02-09ER09-20. (Grants.gov 4/15/09)

30) Energy Projects Pre-K to 12 - Texas

First Choice Power requests applications for Classroom Energy Innovation Grant applications for Texas teachers. This program supports pre-K to 12 teachers working to incorporate projects on energy and energy efficiency in their classrooms. Individual grants NTE \$2K. Responses due 9/15/09. For more info, go to: <http://www.firstchoicepower.com/innovation>. (Foundation Center RFP Bulletin 5/1/09)

31) Improving Watersheds - California

California American Water requests proposals for the Environmental Grant Program. This program supports community based environmental projects, within the CA American Water’s service area, working to improve, restore, or protect watersheds and drinking water supplies within the state. \$10K expected to be available. Responses due 5/18/09. For more info, go to: http://files.shareholder.com/downloads/AMERPR/631277178x0x291477/c895352e-8c59-4283-9323-95bd9828e078/CA_AWK_04.24.09.pdf. (Foundation Center RFP Bulletin 5/1/09)

32) Water Quality Research

The Water Environment Research Foundation requests proposals for the Paul L. Busch Award. This program supports researchers working in wastewater, water reuse, bio-solids, storm water, watersheds, and other areas, to use their imagination, take risks, and explore new directions for addressing ongoing water quality issues. \$100K available, 1 award anticipated. Responses due 6/1/09. For more info, go to: http://www.werf.org/AM/Template.cfm?Section=Paul_L_Busch_Award&Template=/CM/HTMLDisplay.cfm&ContentID=1427. (Foundation Center RFP Bulletin 4/10/09)