

Energy Policy Update

Energy and Environmental News

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ARIZONA DEPARTMENT
OF COMMERCE

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economic advancement*

This newsletter is published by the Arizona Department of Commerce Energy Office and is provided free of charge to the public. It contains verbatim excerpts from international and domestic energy and environment-related publications reviewed by the Education and Community Outreach personnel. For inquiries, call **(602) 771-1143** or toll free **(800) 352-5499**. Compiled and edited by Gloria Castro, Special Projects Coordinator. To register to receive this newsletter electronically, email [Gloria Castro](mailto:Gloria.Castro).

For additional program information, access: <http://www.azcommerce.com/Energy/Energy+Policy+Update+-%28Monthly+Publication%29.htm>.

Click [here](#) to view Grant Opportunities from the American Recovery and Reinvestment Act (ARRA).

FOR YOUR CONVENIENCE, ARIZONA-RELATED TITLES ARE HIGHLIGHTED IN BLUE

ARIZONA

APS Exec Defends Overseas Hiring

[Arizona Republic, Sept. 20] An Arizona Public Service Co. official defended the company's use of overseas technology workers as the "cheapest way to get the job done" in a heated exchange with a utility regulator. The labor issue has joined several others that regulators are trying to sort out while deciding if the utility can raise rates. Among them: whether APS should charge for power-line extensions and how much the company is cutting expenses. At least one of the five elected Arizona Corporation Commission members overseeing the rate case said APS should find ways to cut costs without eliminating jobs in Arizona and further damaging the state's economy. Commission Chairwoman Kris Mayes asked APS Chief Financial Officer James Hatfield about plans to hire overseas technology workers instead of Arizonans during a Friday rate-case hearing.

ASU Seeking Energy Research Funding

[Arizona Republic, Sept. 18] Arizona State University officials are hoping Congress will approve an array of energy proposals and appropriations bills that would provide millions in funding for renewable energy programs. The university has already received \$15 million in economic stimulus funds from the U.S. Department of Energy and for research in solar technology. ASU officials are also pushing proposals that include \$79 million to create so-called "Energy Innovation Hubs" around the country and \$115 million to boost educational programs that deal with clean energy.

Clean-Energy Jobs Touch Off Bidding Wars between States

[USA Today, Sept. 25] When Arizona economic development officials look across their state, they envision the Saudi Arabia of solar. The state has sun, land, workers and proximity to California, the biggest solar market in the U.S. Yet for years, Arizona has failed to attract the big solar manufacturers that build the mirrors, panels and other components for solar equipment. In the past three years, about 50 renewable-energy companies considered Arizona but opted to put plants — and jobs — in other states, says Barry Broome, CEO of the Greater Phoenix Economic Council. We've lost every one of the projects to incentives offered by other states," Broome says. Arizona hopes to improve its odds in what's become a pitched battle among states to nab renewable-energy companies, including those in the solar, wind and biomass sectors. Come January, Arizona will have \$350 million in new incentives at its disposal to woo renewable-energy firms.

Defense Cos. Advance on Alternative Energy Bucks

[Boston Business Journal, Sept. 18] The billions of dollars of stimulus and private money being pumped into smart-grid and renewable-energy network deployments has attracted some seemingly unlikely companies to the table, namely large defense contractors. Earlier this month, Waltham defense giant Raytheon Co. was chosen by Arizona utility Tucson Electric Power to provide security systems for the IT backbone of its large-scale solar

project, according to TEP's grant proposal filed with the U.S. Department of Energy. Raytheon (NYSE: RTN) has aggressively developed its cyber-security business in recent years and announced this summer its intention to hire 150 "cyber warriors" to work in product development by the end of the year.

Local Solar Outlook is Worldly, TREO Tells Visiting Journalists

[Arizona Daily Star, Sept. 21] There's enough noonday sunlight striking the University of Arizona campus to produce 1.5 gigawatts of electricity and power all of Tucson. Sunny skies are a key reason Tucson has attracted several companies in the solar energy industry. Economic-development officials say the city is taking its place as a solar-business hot spot of the world.

P&Z Oks Solar Energy Project, Delays Another

[Mohave Daily News, Sept. 18] Kingman - A Solar Energy Projects Was Approved By the County's Planning and Zoning Commission in A Special Wednesday Meeting. Postponed From Last Week's Meeting, The Commissioners Approved One Of Two Solar Projects In The Eastern Part Of Mohave County. The Commission Approved The Hualapai Valley Solar Energy Plant That Would Be Located About 25 Miles North Of Kingman. The Commission Approved A Change To The Hualapai Valley Solar Area Plan And The County's General Plan. The 340-Megawatt Solar Plant Would Be Built On 4,000 Acres And Would Create 1,500 Construction Jobs And More Than 100 Permanent Jobs.

Solar Plant on Landfill Could Benefit Thousands

[Arizona Republic, Sept. 20] A Phoenix panel wants a Houston-based company with Valley ties to build a solar-energy plant at Phoenix's only active landfill. Tessera Solar, which has offices in Scottsdale, has proposed a privately funded project using its solar-thermal dish technology known as SunCatcher. Its technology uses the sun's rays to heat up hydrogen, which in turn powers an engine and creates electricity. Tessera has already partnered with the Salt River Project on Maricopa Solar LLC, a 1.5-megawatt project in Peoria that will have 60 dishes running by January. The Phoenix project, to be located off Arizona 85 in Buckeye, calls for 7,000 SunCatcher dishes, each 38 feet wide by 40 feet tall. The project would generate 175 megawatts, enough to power about 27,000 Valley homes.

Solar Plant Clears Final Permit Hurdle

[Yuma Sun, Sept. 23] There's about to be a new kid on the block in east Yuma County. The Agua Caliente Solar Project passed its final permit hurdle Tuesday with approval from the Arizona Corporation Commission (ACC). NextLight Renewable Power LLC announced Tuesday that the ACC voted 5-0 to issue a Certificate of Environmental Compatibility. The project is planned for Dateland, located 70 miles east of Yuma, and will be on about 2,400 acres of agricultural land. Earlier this month, the Yuma County Board of Supervisors approved a special use permit for the plant.

U.S. Rep. Gabrielle Giffords Introduces Bill to Boost Development of Solar Technology

[U.S Rep. Gabrielle Giffords Sept. 17] Washington, D.C. - U.S. Rep. Gabrielle Giffords today introduced legislation that would require the federal Department of Energy to appoint a group of experts to create a long-term plan to guide solar energy research and its transition into commercial uses. The 11-member Solar Roadmap Committee would be formed as part of Giffords' Solar Technology Roadmap Act, a bill that authorizes \$2.25 billion for solar research over the next five years. The centerpiece of the bill is the establishment of a committee to create a much-needed roadmap for solar technology research.

TEP Seeks to Let Customers Invest in New Community Solar Power Systems

[Business Wire, Sept. 24] Tucson Electric Power (TEP) is planning to give customers an opportunity to invest in new community solar arrays that would offer an affordable way to meet the electric needs of their homes or businesses with clean, green renewable energy. By participating in TEP's proposed Bright Tucson Community Solar Program, customers could claim their own stake in one of several new solar arrays that would be built in the Tucson area beginning next year. By adding as little as \$3 per month to their monthly electric bills, customers could secure a share of solar energy to offset their carbon footprint and reduce our community's use of fossil-fueled power.

ALTERNATIVE ENERGY AND EFFICIENCY

Calif. Advances Tough Flat-Screen Energy Standards

[Associated Press, Sept. 25] Sacramento, CA - Energy regulators on Friday moved forward with a plan that could ban the sale of the most power-hungry televisions from California retail stores. The California Energy Commission released what it hopes will be the nation's first energy-efficiency requirements for the flat-screen TVs. A final vote on the regulation is expected in November. If the commission adopts the new rules, beginning in 2011, California retailers would be able to sell only TVs that meet the guidelines of the voluntary federal Energy Star program.

Utilities Make Big Bets on Electric Vehicles

[New York Times, Sept. 24] Duke Energy Corp. and FPL Group Inc., two of the nation's largest electric utilities, said today they will transition their entire automobile fleets to plug-in hybrid and full-electric vehicles. The joint commitment, announced at the Clinton Global Initiative's annual meeting in New York, represents more than 10,000 automobiles. Swapping out the vehicles -- everything from sedans to big rigs -- has the potential to slash greenhouse gas emissions by more than 125,000 metric tons during the next decade, the companies claim.

LEGISLATION AND REGULATION

Business Leaders Urge Solar Power Support

[San Francisco Chronicle, Sept. 25] The wide deployment of solar power across the nation hinges on federal policies that mandate renewable power and government spending to promote the technology, utilities and manufacturers told Congress Thursday. "America's ability to develop thriving domestic renewable solar power depends on this," said Stephanie Burns, the CEO of Midland, Mich.-based Dow Corning, which produces the polycrystalline silicon that is a component of solar panels. Executives from Pacific Gas and Electric Co. and San Francisco-based NextLight Renewable Power joined Burns in urging the House Select Committee on Energy Independence and Global Warming to promote solar power with federal tax incentives, spending and policy

Environmentalists Not All Happy About New EPA Guidelines

[Yahoo News, Sept. 21] New fuel-economy rules proposed by the federal Department of Transportation and the Environmental Protection Agency are the first major move by the U.S. toward cracking down on greenhouse-gas emissions. The proposed program includes miles-per-gallon requirements and national emissions standards under the EPA's greenhouse-gas-emissions guidelines for model years from 2012 to 2016. You'd think that environmental groups would be overjoyed. Hardly. What has them worried are all the pro-industry rule tweaks and what they see as slanted calculations. "Automakers lobbied hard to include loopholes in the Administration's proposal," says Dan Becker, director of the Safe Climate Campaign at the Center for Auto Safety.

Global Wind Leaders Push Climate Legislation

[Yahoo Finance, Sept. 24] Denver, CO - The wind power business will grow at a slower pace, buffeted by stiff competition from Europe and China, unless Congress approves climate change legislation, global industry leaders said Thursday. The leaders pressed their case at a Washington, D.C., news conference called as federal legislation is pending that would curb carbon emissions and require utilities to generate a percentage of electricity from renewable sources. Without such legislation, the industry will have a more difficult time attracting investors, manufacturers and wind farm developers, who could be lured to China or Europe where such regulations are in place, said Denise Bode, chief executive of the American Wind Energy Association.

Greenhouse Gas Reporting Requirements Finalized

[Environmental News Network, Sept. 25] A major new regulatory requirement, starting January 1, 2010, will affect most large industrial and utility combustion sources in the US. Fossil fuel and industrial GHG suppliers, motor vehicle and engine manufacturers, and facilities that emit 25,000 metric tons or more of CO₂ equivalent per year will be required to report GHG emissions data to EPA annually. This threshold is equivalent to about the annual GHG emissions from 4,600 passenger vehicles. This new program will cover approximately 85 percent of the nation's GHG emissions and apply to roughly 10,000 facilities.

ENERGY-GENERAL

Leaders Try to Set Stage for Climate Agreement

[Washington Post, Sept. 23] Several world leaders on Tuesday gave the most decisive indication in months that they will work to revive floundering negotiations aimed at securing a new international climate pact. But the vision President Barack Obama and others outlined at the U.N. climate summit in New York, in which countries offered a series of individual commitments, suggests a potential deal may look much different from what its backers originally envisioned.

WESTERN POWER

Calif. Oks Fee to Pay for Global Warming Program

[Associated Press, Sept. 25] Sacramento, CA - California air regulators have approved the nation's first statewide carbon fee on utilities, oil refineries and other polluting industries, despite industry objections. The money raised by the California Air Resources Board is intended to pay for the bureaucratic expenses of carrying out a 2006 law. It requires the state to reduce greenhouse gas emissions statewide by 25 percent over the next decade. The fee approved Friday will be imposed at the end of 2010 and raise \$63.1 million annually during its first three years. The amount will level off at \$36.2 million during the fifth year. Oil companies, manufacturers and utilities say regulators have unfairly singled them out.

California Sets Biggest Energy Efficiency Plan

[Reuters, Sept. 24] California said it had approved the most aggressive energy efficiency plan among U.S. states on Thursday, earmarking \$3.1 billion to retrofit homes and other programs that will cut power needs equivalent to three medium-sized power plants. Conservation and efficiency have become national buzzwords as the economy has failed, since such investments have some of the quickest paybacks of any in 'green' industries.

L.A. May Drop Plans for Controversial Transmission Line

[Los Angeles Times, Sept. 22] Los Angeles officials said the city may abandon plans to build a highly controversial "green" power transmission line through unspoiled desert and wildlife preserves on a route east of the San Bernardino Mountains, focusing instead on alternative pathways mostly along an interstate highway where high-voltage lines already exist. The Department of Water and Power's proposed 85-mile-long Green Path North transmission line has faced fierce opposition from more than a dozen community and environmental groups, creating a political chink in Mayor Antonio Villaraigosa's efforts to cast himself as the leader of the "cleanest, greenest big city in America."

NRG to Develop Planned Houston Solar Farm

[Yahoo News, Sept. 25] Houston, TX - The Houston City Council will consider the city's selection of NRG Energy Inc. to develop a solar farm that could produce enough energy to handle 6 percent of the city's annual power consumption. The city announced Thursday it had selected a bid by NRG, based in Princeton, N.J. It requires City Council approval in a process expected to start next week.

Spanish Solar Firm Eyes Port

[Sacramento Business Journal, Sept. 18] A Spanish company is negotiating to lease about 160 acres from the Port of West Sacramento to build a \$175 million, 24-megawatt solar power plant. The plant would provide power for about 6,000 homes and is significantly larger than any solar power plant operating in the United States. The largest photovoltaic power plant in the country is a 14-megawatt facility at Nellis Air Force Base in Las Vegas, according to the nonprofit Solar Electric Power Association in Washington, D.C. Larger projects, however, are in the works.

INDUSTRIES AND TECHNOLOGIES

US Tops \$1 Bln in Stimulus for Clean Energy Projects

[Yahoo News, Sept. 22] Washington, D.C. - The US government has spent more than one billion dollars on private sector renewable energy projects from the massive economic stimulus program passed seven months ago, officials said Tuesday. At a meeting of a group of clean energy developers and manufacturers at the White House Tuesday, Treasury Secretary Timothy Geithner and Energy Secretary Steven Chu announced 550 million dollars in new awards through the Recovery Act.

GASOLINE AND DIESEL FUEL

To view Arizona and U.S. Gasoline and Diesel fuel data plus other pertinent oil information click [here](http://www.azcommerce.com/Energy/MotorFuel/).
<http://www.azcommerce.com/Energy/MotorFuel/>

GRANTS

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

Arizona Department of Commerce Energy Office Announces Biofuels Grant Application Workshop

The Arizona Department of Commerce Energy Office announced the 2009 Commercial Arizona Biofuel Conversion Program (ACBP) grants application is open. Assistance, in the form of grants, is available to commercial motor fuel dispensing sites to encourage the use of biofuels throughout Arizona. Money is allocated from the American Recovery and Reinvestment Act, Arizona's State Energy Program, 21st Century Energy Grant.

These highly competitive grants are available for capital expenses to convert or install Biofuel compatible fuel storage tanks, fuel dispensers, blending equipment and other components for the purpose of dispensing Biofuel. Directly associated expenses, such as fees to clean existing storage tanks and labor for installation of tanks, fuel lines and dispensers are also eligible projects. The grants are for \$30,000 or 40% of the project cost, whichever is less.

Information is available at www.azcommerce.com/Energy/Biofuels.htm or by contacting Jennifer Pittman-Leeper at JenniferL@azcommerce.com or 602-771-1136. **The deadline for applications is 3 PM on October 15, 2009.**

Building America Energy Efficient Housing Partnerships

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 Sept 30, 2009. For more info, contact Angela Bosley at Angela.Bosley@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=48215>

Refer to Sol# DE-FOA-0000099.

School Construction Program – Recovery Act

The U.S. Department of Education requests proposals for the Impact Aid Discretionary Construction Program. This program provides support for emergency repairs and modernization of school facilities to local educational agencies that submitted applications for funding under Section 8002 (Payments for Federal Property) or Section 8003 (Basic Support Payments) of the Elementary and Secondary Education Act. Additional rating points given for projects utilizing energy-efficient and recyclable materials and projects that use alternative building methods and materials. \$59.4 million expected to be available, responses due 10/1/09. For more info, contact Kristen Walls-Rivas at Impact.Aid@ed.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=49108>. Refer to Sol# ED-GRANTS-081709-001. (Grants.gov 8/17/09)

The U.S. Department of Energy announced the availability of up to \$5.5 million to increase the use of higher **ethanol blends up to E85 (85% ethanol/15% gasoline) by expanding refueling infrastructure and launching targeted outreach to promote public awareness**. This Funding Opportunity Announcement targets two areas of interest: Refueling Infrastructure for Higher Ethanol Blends (\$3.5 million) and Outreach for Higher Ethanol Blends (\$2 million). The FOA is available at [FedConnect](http://www.fedconnect.gov), and can be found by searching for Reference Number DE-FOA-0000125. Applications for this FOA are due October 4, 2009. To learn more about biofuels R&D and ethanol blends, visit the [DOE Biomass Program Web site](http://www.doe.gov/biomass).

Local Energy Assurance Planning (LEAP) Initiative

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 emergency preparedness plans. \$10.5 million expected to be available, 50 awards anticipated. Responses due Oct 8, 2009. For more info, contact Diane Franklin at diane.franklin@netl.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=48595>. Refer to Sol# DE-FOA-0000098.

Emerging Frontiers in Research and Innovation

The National Science Foundation requests proposals for Emerging Frontiers in Research and Innovation. Through this new funding opportunity, the NSF seeks proposals from interdisciplinary teams of researchers, with transformative ideas that represent an opportunity for a significant shift in fundamental engineering knowledge with a strong potential for long term impact on national needs or a grand challenge. Areas of interest include: 1) Renewable Energy Storage, and 2) Science in Energy and Environmental Design (SEED): Engineering Sustainable Buildings. This solicitation is in coordination with the U.S. Department of Energy and the U.S. Environmental Protection Agency. \$29 million expected to be available, up to 14 awards anticipated. Letters of Intent due 10/9/09, preliminary proposals due 11/13/09, final proposals due 3/31/10. For more info, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09606. Refer to Sol# 09-606. (Grants.gov 8/13/09)

Baseload Concentrating Solar Power (CSP) Generation

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 Oct 15, 2009. For more info, contact Andrea Lucero at andrea.lucero@go.doe.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=48490>. Refer to Sol# DE-FOA-0000104.

Brownfields Assessment Grants

The U.S. Environmental Protection Agency requests proposals for Brownfields Assessment Grants. A brownfield site is defined as real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of hazardous substances, pollutants, contaminants, controlled substances, petroleum or petroleum products, or is mine-scarred land. This program supports inventories, characterizations, assessments, planning (including cleanup planning) and community involvement related to brownfield sites. \$37.3 million expected to be available, up to 171 awards anticipated. Responses due 10/16/09. For more info, including Regional contacts, go to: <http://www.epa.gov/oswer/docs/grants/epa-oswer-orcr-09-04.pdf>. Refer to Sol# EPA-OSWER-OBLR-09-04. (Grants.gov 8/12/09)

Brownfields Cleanup Grants

The U.S. Environmental Protection Agency requests proposals for Brownfields Cleanup Grants. Cleanup grants provide funding to carry out cleanup activities at specific brownfield sites owned by the applicant. An individual applicant can apply for up to \$200K per brownfield site and can submit up to three site-specific cleanup proposals. \$35.1 million expected to be available, up to 163 awards anticipated. Responses due 10/16/09. For more info, including Regional contacts, go to: <http://www.epa.gov/oswer/docs/grants/epa-oswer-orcr-09-05.pdf>. Refer to Sol# EPA-OSWER-OBLR-09-05. (Grants.gov 8/12/09)

Brownfields Revolving Loan Funds

The U.S. Environmental Protection Agency requests proposals for Brownfields Revolving Loan Fund Grants. This program provides funds for a grant recipient to capitalize a revolving fund and to make loans and provide subgrants to carry out cleanup activities at brownfield sites. \$7 million expected to be available, up to 7 awards anticipated. Responses due 10/16/09. For more info, including Regional contacts, go to: <http://www.epa.gov/oswer/docs/grants/epa-oswer-orcr-09-06.pdf>. Refer to Sol# EPA-OSWER-OBLR-09-06. (Grants.gov 8/12/09)

State Energy Sector Partnership and Training Grants

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 Oct 20, 2009. For more info, contact Jeannette Flowers at Flowers.Jeannette@dol.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&opId=48074>. Refer to Sol# SGA-DFA-PY-08-20.

Fellowships for Graduate Environmental Study

The U.S. Environmental Protection Agency requests proposals for Science to Achieve Results (STAR) Fellowships for Graduate Environmental Study. Through this RFP, EPA is offering Graduate Fellowships for master's and doctoral level students in environmental fields of study. 16 Topic Areas identified which include, but are not limited to: Global Change; Energy; Green Engineering/Building/Chemistry/Materials; and Environmental Behavior and Decision Making. \$4.5 million expected to be available, up to 120 awards anticipated. Responses due 10/22/09. For more info, contact Brandon Jones at 2009FellowshipsRFA@epa.gov or go to: http://epa.gov/ncer/rfa/2009/2009_star_gradfellow.html. Refer to Sol# EPA-F2009-STAR. (Grants.gov 8/19/09)

NSF STTR Phase I

The National Science Foundation requests proposals from small businesses for Phase I of the Small Business Technology Transfer (STTR) Program. STTR requires researchers at universities and other research institutions to play a significant intellectual role in the conduct of each STTR project. The topic of interest is Multi-Functional Materials. The subtopics of interest include: Bio-inspired Materials and Systems; Materials for Energy Generation and Storage; Materials for Sustainability; Nanostructured Materials; and Smart Materials and Structures. \$5 million expected to be available, up to 35 awards anticipated. Responses due 11/17/09. For more info, contact Ben Schrag at bschrag@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09605. Refer to Sol# 09-605. (Grants.gov 8/13/09)

Environmental Information Exchange Network

The U.S. Environmental Protection Agency requests proposals for the National Environmental Information Exchange Network Grant Program. This program supports the development of information technology and information management capabilities needed to actively participate in the Exchange Network, a secure, Internet and standards-based way to support electronic data reporting, sharing, and integration of both regulatory and non-regulatory environmental data. \$10 million expected to be available, up to 50 awards anticipated. Responses due 11/20/09. For more info, contact Edward Mixon at mixon.edward@epa.gov or go to: <http://epa.gov/exchangenetwork/grants/>. Refer to Sol# EPA-OEI-10-01. (Grants.gov 7/29/09)

NEW! Workforce Training for the Electric Power Sector - Recovery Act

Workforce Training for the Electric Power Sector Two Topic Areas of Interest: Topic A is Developing and Enhancing Workforce Training Programs for the Electric Power Sector. Topic B is Smart Grid Workforce Training. The objective of this Funding Opportunity Announcement is to facilitate the development of a well-trained, highly skilled electric power sector workforce which is vital to implementing a national clean-energy smart grid. This FOA supports the development and deployment of Training Program(s), as well as the actual training of personnel. Response Due Date: 11/23/2009 8:00:00 PM ET. For more information, contact Linda Jarnagin at linds_k_jarnagin@rl.gov. Reference Number: DE-FOA-0000152

Interdisciplinary Solar Energy Research

The National Science Foundation Divisions of Chemistry (CHE), Materials Research (DMR), and Mathematical Sciences (DMS) requests proposals for the CHE-DMR-DMS Solar Energy Initiative. The purpose of this initiative is to support potentially catalytic interdisciplinary work by groups of researchers to address the scientific challenges of efficient harvesting, conversion, and storage of solar energy. The intent is to encourage new collaborations in which the mathematical sciences are linked in a synergistic way with the chemical and materials

sciences to develop novel, potentially transformative approaches in an area of much activity but largely incremental advances. \$7 million expected to be available, up to 10 awards anticipated. Preliminary proposals due 12/8/09, final proposals due 3/10/10. For more info, go to:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09604.

Refer to Sol# 09-604. (Grants.gov 8/13/09)

For additional information visit the DOE Energy Efficiency and Conservation Block Grant (EECBG) Program home page at: <http://www.eecbg.energy.gov/>

Special thanks to the Washington State University Extension Energy Program for collecting this information.
