

ENERGY INDEPENDENCE FUNDING OPPORTUNITIES/INCENTIVES

Updated July 2, 2009

WISCONSIN OPPORTUNITIES

****NEW-ARRA** Recovery Act - Wisconsin Clean Diesel Grant Program** – Responses Due August 3, 2009
Wisconsin-based public and private on-road, off-road and stationary diesel engine fleets can apply for up to \$100,000 (excluding match) for a variety of strategies. Including; Exhaust retrofit controls, Idle reduction devices, Engine emission upgrades, Engine repowers on Tier 0 engines; Equipment replacements on Tier 0 equipment . [More Information](#)

****NEW-ARRA** Recovery Act - Ready for Reuse Program: Hazardous Substance Loans & Grants for Brownfields** – Responses Due August 14, 2009
The WI Department of Natural Resources Remediation and Redevelopment (RR) Program received \$2 million in Recovery Act funds for its existing brownfields revolving loan fund – the Ready for Reuse Loan & Grant Program. This funding will aid in investigation and cleanup of brownfield properties. These Recovery Act funds are only appropriate for sites that are ready to begin cleanup activities. [More Information](#)

ONGOING

Retrofit Projects -- First-come, First-served basis
The Wisconsin Department of Natural Resources has federal grant funds available for diesel retrofit projects done in the state's eastern ozone non-attainment counties which include: Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha. On-road and non-road municipal vehicles are eligible, as well as private or public-owned school buses and other non-road equipment, but all vehicles must use EPA or CARB verified technologies and remain in the fleet for at least 5 years after being retrofitted. Funds are limited and being provided on a first-come, first-served basis, with priority given to school buses. DNR will require applicant to supply a list of eligible vehicles including each vehicle's model years; VIN; chassis make/model; engine model and size; horsepower; chassis/engine configuration and passenger capacity if a school bus; and type of retrofit desired (idling reduction devices not eligible). More Information contact Jessica Lawent, (414) 263-8653, jessica.lawent@wisconsin.gov.

Diesel Truck Idling Reduction Grant Program -- Annual Grant Cycle
The Wisconsin Department of Commerce - Wisconsin Diesel Truck Idling Reduction Grant Program is designed to assist common, contract and private motor carriers in the purchase and installation of idling reduction technology. Motor carriers are eligible for 50% reimbursement for the purchase and installation of idling reduction equipment. The program's primary goals are to help Wisconsin motor carriers reduce air pollution emissions and fuel consumption. The program has \$2 million available annually for 2007-08 and 2008-09 funding cycles, then \$1 million annually until 2011. Idling reduction units provide an alternative source of power used to heat, cool, and/or provide electricity to the cab or other parts of a truck in lieu of operating the truck's main drive engine to power these services. [More information](#)

WPPI Energy - Electric Vehicle Incentive Program
WPPI Energy provides incentives to members to offset the cost of purchasing certain types of electric and hybrid electric vehicles as well as plug-in hybrid electric utility line trucks and for converting standard hybrid electric vehicles to plug-in hybrid electric vehicles. Incentives may be awarded to the member municipality for qualifying vehicles purchased for use by any city or village department. For more information contact (608) 834 – 4500 or www.wppienergy.org.

We Energies 2009 Renewable Research & Development Grant Program
We Energies offers grants under its Renewable Energy Research and Development (R&D) Grant Program to its business and not-for-profit electric customers as well as to organizations teamed with We Energies business and not-for-profit electric customers. This program offers financial assistance in the form of a grant (up to \$200,000) to conduct research on renewable energy technologies, or to help demonstrate a renewable energy product or technology. Please click on the following link for more details about the program. [More Information](#) or contact Amy.Flom@we-energies.com. [More information](#) about We Energies programs.

Alliant Energy Charitable Foundation - Four Grant Cycles Each Year
Community Grants are directed to projects, programs and initiatives that benefit the residents and communities in the four Midwestern states served by Alliant Energy's utility subsidiaries, Interstate Power and Light Co. and Wisconsin Power and Light Co. We help protect the environment by supporting organizations that seek to educate, inform and advance environmental issues that have the potential to impact our communities. [More Information](#)

Rural Business Enterprise Grants
The US Department of Agriculture offers Rural Business Enterprise Grants for financing and developing small and emerging private businesses with less than \$1 million in revenues, and which will have fewer than 50 new employees. There is no maximum dollar limit for any one project. Funds can be used for technical assistance, revolving loan program, incubator/industrial buildings, and industrial park improvements. [More Information](#)

Rural Development - Renewable Energy & Energy Efficiency Program
The US Department of Agriculture offers funding for the Installation of energy efficient equipment and improvements to a facility, building, or process or that reduces energy consumption and Purchase and installation of a system that produces or produces and delivers usable energy derived from wind, solar, biomass, geothermal, or hydrogen derived from these sources. [More Information](#)

Sustainable Agriculture Research and Education Grants
The US Department of Agriculture offers funding for research, marketing and demonstration projects. [More Information](#)

Wisconsin Opportunities continued....

ADDITIONAL RESOURCES

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The WI Department of Agriculture, Trade and Consumer Protection has a tool to help small businesses develop and grow their value-added business using money, information, and technical assistance from outside their organization. [More Information](#)

Focus on Energy - Incentives and Grants

Wisconsin's Focus on Energy offers a number of programs for you to help defray the costs of your renewable energy project. There are different financial incentives available for [individuals](#) and [businesses](#). See the appropriate incentives for your needs. [More Information](#)

****NEW** We Energies**

We Energies offers additional resources for energy efficiency and renewable energy. [More Information](#)

Database of State Incentives for Renewable Energy

A comprehensive source of information on state, local, utility, and federal incentives that promote renewable energy and energy efficiency. [More Information](#)

FEDERAL OPPORTUNITIES

Recovery Act - Tribal Transit Program - Responses Due TBD

The U.S Department of Transportation requests proposals for the Recovery Act Tribal Transit Program. Through this program, DOT will provide grants to federally recognized Indian Tribes for public transportation capital projects for use in public transportation. \$17 million expected to be available. [More Information](#)

Recovery Act - Transit Investments for Greenhouse Gas and Energy Reduction Grant - Responses Due - TBD

The U.S Department of Transportation requests proposals for Recovery Act Transit Investments for Greenhouse Gas and Energy Reduction. Through this initiative, DOT will provide grants to public transit agencies for capital investments that will assist in reducing the energy consumption or greenhouse gas emissions of their public transit agencies. \$100 million expected to be available, up to 30 awards anticipated. [More Information](#)

****Due Date Extended** Technology Innovation Program - Responses Due July 7, 2009**

The National Institute of Standards and Technology requests proposals for the Technology Innovation Program. This program seeks to support, promote, and accelerate innovation in the U.S. through high-risk, high-reward research in areas of critical national need. Areas of interest include: 1) Civil Infrastructure: Advanced Sensing Technologies and Advanced Repair Materials for the Infrastructure: Water Systems, Dams, Levees, Bridges, Roads, and Highways, and 2) Manufacturing: To provide manufacturers and end users improved access to adequate quantities of advanced materials at competitive costs that allow evaluation and utilization of these materials in innovative ways. \$25 million expected to be available, up to 25 awards anticipated. [More Information](#) or contact Christopher Hunton at christopher.hunton@nist.gov.

Critical Agricultural Materials Grant - Responses Due July 7, 2009

In FY 2009, the Critical Agricultural Materials Program will support the development and demonstration of novel, environmentally friendly technologies for use in paints and coatings, and adhesives for composites. The program will also support and give priority to proposals that include a life cycle analysis objective, comparing the biobased product with a fossil-based counterpart using the Building for Environmental and Economic Sustainability model (BEES) developed by the National Institute for Standards and Technology. This model measures the environmental impact of every stage in the life cycle of a product, and is currently being used by USDA for the Biopreferred Program. CSREES anticipates that projects supported by the Critical Agricultural Materials Program will result in products, specifically paints, coatings and adhesives that can help federal agencies, state entities and companies meet their environmental goals. CSREES also anticipates that the BEES model will help identify gaps in product development that warrant further research in the functional and environmental performance of the product(s). \$1 million available [More Information](#)

Combined Heat and Power Systems Technology Development and Demonstration - Responses Due July 7, 2009

This FOA from the US Department of Energy seeks cost-shared applications for Combined Heat and Power Technology Development and Demonstration. The three (3) Areas of Interest are based on the output range of the CHP system, as follows: Area of Interest 1: Large CHP Systems (less than or equal to 20 MW) Area of Interest 2: Medium CHP Systems (less than or equal to 1MW to less than 20 MW) Area of Interest 3: Small CHP Systems (less than or equal to 5kW to less than 1 MW) All three Areas seek applications that will perform research, development and demonstration of technologies that increase the efficiency and reduce the cost of CHP systems. This FOA is targeted at meaningful technical advancements that will broaden CHP economic and environmental value propositions in vastly under exploited vertical market segments. Concurrently, strategic demonstrations are sought that will address the risk averse nature of potential CHP users, including concerns on the impact on electricity grid operations, regulatory paradigms and business models that have the effect of inhibiting CHP growth. [More information](#)

Renewable Energy Certificates - Responses Due July 9, 2009

The U.S. General Services Administration requests proposals for renewable energy certificates (RECs) for GSA Regions and other Federal agencies to comply with Federal requirements. GSA seeks pricing for a total of 150,000 to 400,000 MWh of RECs produced from renewable resources that became operational after January 1, 1999. [More Information](#)

Federal Opportunities continued....

**FY09 Multi-Media Grant Program Solicitation Notice
Grant - Responses Due July 13, 2009**

The Office of Compliance (OC), within Environmental Protection Agency's Office of Enforcement and Compliance Assurance (OECA), is soliciting proposals for states and tribes to strengthen their ability to address environmental and public health threats, while furthering the art and science of environmental compliance. Projects under this Solicitation Notice will be used to build and expand the capacity and ability of the states and tribes to operate their environmental compliance and enforcement program. These funds cannot be used for the actual implementation of the compliance program. This year, EPA is soliciting proposals for the following focus areas: (1) Permit Compliance System (PCS) Modernization and ICIS-NPDES, (2) Funding Indian Country Compliance Assurance Circuit Riders, (3) Improving Flow of State Data to the Air Facility System (AFS), (4) State Environmental Compliance and Enforcement Training and (5) Demonstration of Better Use of Technology in Compliance Monitoring Activities. EPA anticipates that approximately \$1.84 million will be available under this announcement. [More Information](#)

**Recovery Act - Measurement Science and Engineering
Research Grants Program - Responses Due July 13, 2009**

The US Department of Commerce - National Institute of Standards and Technology requests proposals for the Technology Innovation Recovery Act Measurement Science and Engineering Research Grants Program: Providing the Technology Infrastructure to Address National Priorities. Priority research areas include, but are not limited to: energy, environment and climate change; manufacturing; and physical infrastructure. \$35 million expected to be available, up to 60 awards anticipated. [More Information](#) or Christopher Hunton at christopher.hunton@nist.gov.

**Recovery Act - Deployment of Combined Heat and
Power (CHP) Systems, District Energy Systems,
Waste Energy Recovery Systems, and Efficient
Industrial Equipment - Responses Due July 14, 2009**

The Industrial Technologies Program (ITP) is seeking deployment projects for district energy systems, Combined Heat and Power (CHP) and waste energy recovery applications, and energy-efficient industrial equipment and processes. Combined Heat and Power (CHP) offers several distinct advantages over many other electricity and thermal energy generating technologies with regard to performance, availability, and cost. Specifically, this FOA seeks projects to deploy efficient technologies in the following four areas of interest: 1) Combined Heat and Power; 2) District Energy Systems; 3) Industrial Waste Energy Recovery; 4) Efficient Industrial Equipment The result will be deployment of technologies that will increase our national energy security, provide construction and manufacturing jobs, and build markets for skilled green construction. [More Information](#)

**Industrial Energy Grand Challenge Responses Due July
14, 2009**

The purpose of this FOA, "Industrial Energy Efficiency Grand Challenge", is to fund cost-shared development of transformational industrial processes and technologies that reduce the energy intensity (million Btu's per unit system output) or greenhouse gas emissions (carbon equivalent) of the system by a minimum of 25 percent while providing a return on investment of 10 percent or greater. The planned solicitation will select and fund concept definition Research and Development (R and D) studies to develop transformational manufacturing processes and technologies that meet the grand challenges of energy-intensive industries. [More Information](#)

**Net Zero Energy Commercial Building Initiative
Supporting Consortium - Responses Due July 14, 2009**

The Department of Energy (DOE), National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE) Building Technologies Program (BTP), is seeking applications for the establishment of a Supporting Consortium (SC) comprising broad representation of the commercial building design, equipment, operation, finance, and other groups as detailed later. DOE estimates that approximately \$1 million shall be available for one award. [More Information](#)

**Program for Investment in Microentrepreneurs Act
("PRIME") Grant - Responses Due July 14, 2009**

The U.S. Small Business Administration (SBA) has issued Program Announcement No. PRIME-2009-01 to establish a microenterprise training and technical assistance program for disadvantaged microentrepreneurs and to provide training and capacity building grant programs to microenterprise development organizations ("MDOs"). Additionally, the Act authorizes research and development of best practices for microenterprise development and technical assistance programs for disadvantaged entrepreneurs and other activities as the administrator of SBA determines are consistent with the Act. PRIME has several purposes for which SBA will issue separate program announcements soliciting applications geared toward a particular legislative purpose. Program Announcements called for under the Act solicit, from eligible organizations, applications for grant funding to be used to carry out the purposes of the Act.

[More Information](#)

**Environmental Finance Center Grant Program -
Responses Due July 15, 2009**

This notice from the EPA announces the availability of funds and solicits applications from eligible entities for Environmental Finance Centers (EFCs) that provide multi-media environmental finance expertise and outreach to the regulated communities (e.g., states, tribes, local governments, and the private sector) to help them meet environmental requirements. The objective is to help the states, tribes, local governments, and private entities find effective and innovative ways to help address the growing costs of protecting public health and the environment in a sustainable manner. Under this program, EFC's will be established across the nation to provide regulated parties with finance-related training, technical assistance, finance studies, and other analytical support (eligible services) to help them develop solutions to the critical "how-to-pay" issues associated with meeting environmental goals. The EFCs will educate regulated parties on lowering costs, increasing investments, improving financial capacity, encouraging full cost pricing, and identifying and evaluating financing options. [More information](#)

**FY 2009 National Wetland Program Development
Grants - Responses Due July 15, 2009**

The U.S. Environmental Protection Agency (EPA) is soliciting proposals from eligible applicants for projects that support and build state/tribal/local government wetland programs. All projects submitted for this competition must involve two or more states and/or tribes and/or benefit two or more states and/or tribes or be nationwide in scope. Proposals submitted by applicants must address one or more of the following five National Priority Areas of the WPDG Program: 1) State/Tribal Technical and Meeting Support; 2) Regulation; 3) Monitoring and Assessment; 4) Voluntary Restoration/Protection; and 5) Water Quality Standards for Wetlands. \$550,000 available, 10 awards expected. [More Information](#)

Federal Opportunities continued....

Renewable Resources Extension Act - National Focus Fund Projects - Responses Due July 15, 2009

The goal of the Pilot Projects for National Focus Areas/Emergent Issues is to enhance the sustainability of the nation's forest and rangeland resources and to enable landowners and managers to achieve their desired goals and objectives. Focus areas, identified through a strategic planning process with the state and federal partners, represent critical issues and/or areas of emphasis that have broad applicability and relevance across the nation at various scales including single- and multi-state to regional scales. These projects provide opportunities for the Cooperative Extension System to maximize its impact and demonstrate capacity and relevance by either indirectly or directly working across state boundaries to bring expertise to bear on common problems. Proposals for the following two (2) focus areas are requested. (1) Forest and Rangeland Ecosystems and Their Wildlife and Fisheries Resources, and (2) eXtension Community of Practice (Forests and Climate Change). \$350,000 available, 3 awards expected. [More Information](#)

Recovery Act - National Laboratory Call for Foundational Photovoltaics and Concentrating Solar Power Research and Development – Responses Due July 15, 2009

This Program Announcement from the U/S. Department of Energy seeks to provide support for new research and development projects for Next Generation PV Technologies (Topic 1), PV Supply Chain and Crosscutting Technologies (Topic 2), and Advanced Heat Transfer Fluids and Novel Thermal Storage for Concentrating Solar Power (Topic 3). This PA also seeks to enhance capabilities for testing and evaluating advanced CSP concepts (Topic 4) and advanced Photovoltaics manufacturing capability (Topic 5). \$4.5 million available, 105 awards expected. [More Information](#)

Recovery Act - Enhanced Geothermal Systems Component Research and Development/Analysis – Responses Due July 17, 2009

DOE is seeking advanced technology to address key aspects of engineered reservoir creation, management, and utilization identified in the GTP Multi-Year Research, Development, and Demonstration (MYRDD) plan. Projects are sought to develop innovative technology for cost-effective creation, management, and utilization of Enhanced Geothermal Systems (EGS) in reservoir environments. Projects will be evaluated based on their ability to advance technology toward ultimate, specific target specifications to drive market development of EGS. \$5 million available. [More Information](#)

Recovery Act - Smart Grid Interoperability Standards and Harmonization Effort - Responses Due July 20, 2009

The U. S. Department of Commerce, National Institute of Standards and Technology announced its intent to request proposals for Support of Smart Grid Interoperability Standards and Harmonization Effort. Work will support NIST in coordinating the development and harmonization of standards to enable widespread deployment of an interoperable and secure Smart Grid (SG). As part of this requirement, the Contractor will be required to engage all relevant SG stakeholders to ensure credible results. [More Information](#) or contact Joseph Widdup at joseph.widdup@nist.gov.

New Era Rural Technology Competitive Grants Program (RTP) – Responses Due July 20, 2009

The USDA RTP will make grants available for technology development, applied research, and/or training, with a focus on rural communities, to aid in the development of a workforce for bioenergy, pulp and paper manufacturing, or agriculture-based renewable energy. The two RTP Program Goals are: 1. To increase the number of students encouraged to pursue and complete a 2-year postsecondary degree, or a certificate of completion, within an occupational focus of this grant program; and 2. To assist rural communities by helping students achieve their career goals to develop a viable workforce for bioenergy, pulp and paper manufacturing, or agriculture-based renewable energy.. \$750,000 available, multiple awards accepted. [More Information](#)

****DUE DATE EXTENDED** Recovery Act - Combined Heat and Power Systems Technology Development and Demonstrations - Responses Due July 21, 2009**

This FOA from the US Department of Energy seeks cost-shared applications for Combined Heat and Power Technology Development and Demonstration. The three (3) Areas of Interest are based on the output range of the CHP system, as follows: Area of Interest 1: Large CHP Systems (less than or equal to 20 MW); 2: Medium CHP Systems (less than or equal to 1MW to less than 20 MW); 3: Small CHP Systems (less than or equal to 5kW to less than 1 MW) All three Areas seek applications that will perform research, development and demonstration of technologies that increase the efficiency and reduce the cost of CHP systems. This FOA is targeted at meaningful technical advancements that will broaden CHP economic and environmental value propositions in vastly under exploited vertical market segments. [More information](#)

Recovery Act - Energy Efficient Information and Communication Technology Grant – Responses Due July 21, 2009

This U.S Department of Energy Funding Opportunity Announcement seeks to develop new technologies to dramatically improve energy efficiency in information, communications technology (ICT) with an the emphasis on new technologies that can be commercialized within the next three to five years, and to demonstrate through field testing highly energy efficient, emerging technologies that are ready for or are in the initial stage of commercial introduction. \$50 million available, 15 awards expected. [More Information](#)

Climate Showcase Communities Grant – Responses Due July 22, 2009

This notice announces the availability of funds and solicits applications from eligible entities to compete for financial assistance through the Climate Showcase Communities Grant Program. This program will assist local and tribal governments in developing plans, conducting demonstrations, and implementing projects that reduce greenhouse gas emissions while achieving additional environmental, economic, public health, and/or community benefits. The overall goal of the Climate Showcase Communities program is to create replicable models of sustainable community action that generate cost-effective and persistent greenhouse gas reductions while improving the environmental, economic, public health, or social conditions in a community. \$10 million available, 20-30 awards expected. [More information](#)

Federal Opportunities continued....

Recovery Act: Geothermal Technologies Program – Responses Due July 22, 2009

The U.S. Department of Energy's (DOE) Geothermal Technologies Program (GTP) intends to continue its partnership with the geothermal community on geothermal systems research, exploration, demonstration, and development throughout the United States. This three-topic FOA will focus on areas associated with geothermal energy including: 1: Validation of Innovative Exploration Technologies, 2: Geothermal Energy Production from Low Temperature Resources, and 3: Geothermal Data Development, Collection, and Maintenance. \$170 million available, 60 awards expected. [More Information](#)

Recovery Act - Regional Sequestration Tech Training - Responses Due July 22, 2009

Carbon capture and storage (CCS) technologies offer great potential for reducing CO2 emissions and mitigating global climate change. Deploying these technologies will require a significantly expanded workforce trained in the various specialties that are currently under-represented in the US. Education and training activities undertaken will develop a future generation of geologists and other scientists, and engineers that will provide the human capital and skills required for implementing and deploying CCS technologies. Grant applications are sought from companies, trade groups, and other organizations that can develop regional sequestration technology training to facilitate transfer of knowledge and technologies required for site development, operations, and monitoring of commercial CCS projects. \$6.97 million available, 7 awards expected. [More information](#)

****NEW** Tribal Colleges and Universities Program (TCUP) Grant - Responses Due July 24, 2009**

The purpose of this program is to assist Tribal Colleges and Universities (TCU) to build, expand, renovate, and equip their own facilities, and to expand the role of the TCUs into the community through the provision of needed services such as health programs, job training, and economic development activities. [More Information](#)

Recovery Act: Wind University R&D Consortium - Responses Due July 29, 2009

This U.S. Department of Energy action will fund consortia between institutions of higher learning and industry that will perform focused research on critical wind energy challenges. The funding will be focused on two complementary areas, but not separate topics: Topic Area 1: Partnerships for Wind Research and Turbine Reliability and Topic Area 2: Wind Energy Research Development. Universities are encouraged to partner with the wind industry in defining their R&D agenda, developing their curriculum, and intern partnerships. \$24 million available, 2 awards expected. [More Information](#)

Recovery Act - Solar Market Transformation Grant – Responses Due July 30, 2009

The US Department of Energy is working to reduce market barriers and promote market expansion of solar energy technologies through non-R&D activities, including: 1) activities that provide technical, regulatory, institutional, financial and educational solutions to market transformation barriers; and 2) efforts that accelerate demand for new solar technologies. Emphasis will be on projects and activities with the greatest potential to assist the DOE in reaching its SETP cost-competitiveness goal by 2015. \$6 million available. [More Information](#)

Recovery Act - Enhanced Geothermal Systems Demonstration – Responses Due July 30, 2009

The Geothermal Technologies Program (GTP) is seeking projects in a variety of geologic formations that will quantitatively demonstrate and validate stimulation techniques that successfully sustain sufficient fluid flow and heat extraction rates for 5-7 years that produce at least 5 MWe per year per project site/geothermal reservoir. DOE will also consider projects to further characterize, stimulate, and validate underutilized geothermal resources, particularly in urban and rural regions with high electricity costs such as Alaska, Hawaii, the eastern U.S., Indian Reservations, etc. Awards made under this announcement will be cooperative agreements that will include well stimulation, data collection, and analysis over three Phases. [More information](#)

Recovery Act: High Penetration Solar Deployment - Responses Due July 30, 2009

The objectives of this FOA, from the U.S. Department of Energy, are to 1) develop the needed modeling tools and database of experience with high penetration scenarios of PV on a distribution system, 2) develop monitoring, control and integration systems to enable cost-effective widespread deployment of small modular PV systems and 3) demonstrate the integration of PV and energy storage into Smart Grid applications. This will accelerate the placement of high levels of PV penetration into existing or newly designed distribution circuits. The achievement of these goals will facilitate increased growth of grid-tied PV installations, thus supporting the Solar Energy Technology Program (SETP) mission to accelerate widespread commercialization of clean solar energy technologies in the United States (U.S.). \$5 million available. [More Information](#)

Agriculture and Food Research Initiative Competitive Grants Program – Varies by Program. Final Responses Due July 30, 2009

The Department of Agriculture established the Agriculture and Food Research Initiative (AFRI) under which the Secretary of Agriculture may make competitive grants for fundamental and applied research, extension, and education to address food and agricultural sciences (as defined under section 1404 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3103)), as amended, in six priority areas. The six priority areas include 1) plant health and production and plant products; 2) animal health and production and animal products; 3) food safety, nutrition, and health; 4) renewable energy, natural resources, and environment; 5) agriculture systems and technology; and 6) agriculture economics and rural communities. \$190 million available. [More Information](#)

Recovery Act - Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency Initiative – Responses Due July 30, 2009

This U.S. Department of Energy initiative 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. Better planning efforts will help contribute to the resiliency of the energy sector, including the electricity grid, by focusing on the entire energy supply system, which includes refining, storage, and distribution of fossil and renewable fuels. \$3,572,526 available, 56 awards expected. [More Information](#)

Federal Opportunities continued....

Rural Energy Program - Renewable Energy Feasibility Grants - Responses Due July 31, 2009

The USDA Rural Energy for America Program will provide funds to agricultural producers and rural small businesses to conduct feasibility studies for renewable energy systems. The Rural Energy for America Program is designed to help agricultural producers and rural small businesses reduce energy costs and consumption and help meet the nation's critical energy needs. The grants are awarded on a competitive basis and can be up to 25% of total eligible project costs. Grants are limited to \$50,000 for renewable energy feasibility studies. \$6 million available, 150 awards expected. [More Information](#)

Rural Energy Program - Renewable Energy Systems and Energy Efficiency Improvements Grants and Guaranteed Loans - Responses Due July 31, 2009

The USDA Rural Energy for America Program will provide funds to agricultural producers and rural small businesses to purchase and install renewable energy systems and make energy efficiency improvements. The grants are awarded on a competitive basis and can be up to 25% of total eligible project costs. \$51.6 million available, 1100 awards expected. [More Information](#)

Program Year 2009 Weatherization Formula Grants -- Responses Due August 1, 2009

The purpose of this funding opportunity announcement is to solicit grant applications for the Weatherization Assistance Program for Low-Income Persons for Program Year 2009, and establish grant guidance and management information for the Weatherization Assistance Program as outlined in the Weatherization Program Notice (WPN) 09-1, Program Year 2009 Weatherization Grant Guidance. This announcement also addresses the \$250M supplemental funding being accessed by grantees in conjunction with their annual application. [More Information](#)

Global Climate Change Education -- Responses Due August 3, 2009

The National Aeronautics and Space Administration (NASA) requests applications for Global Climate Change Education (GCCE): Research Experience, Teaching and Learning. Each funded proposal is expected to make use of NASA's unique contributions in climate science to enhance students' academic experiences and/or to improve educators' abilities to engage their students. Areas of interest include, but are not limited to: 1) Global Climate Change Science Research Experiences for Undergraduate or Community College Students, and 2) Improving Teacher Competency for Global Climate Change Education. \$8 million expected to be available, up to 25 awards anticipated. [More Information](#)

Recovery Act: Site Characterization of Promising Geologic Formations for CO₂ Storage - Responses Due August 3, 2009

The purpose of this FOA is to focus on regional site characterization of a minimum of 10 distinct "high-potential" geologic formations. Geologic storage formations can be saline formations, depleting/depleted oil fields, or coals seams. It is expected that these characterization projects will increase our understanding of the potential for these formations to safely and permanently store CO₂. The site should have the potential to store at least 30 million tons of CO₂ and should be able to accept CO₂ from a large commercial source over the lifetime of the source. \$3 million available. [More Information](#)

Partnerships for International Research and Education (PIRE) Grant - Responses Due August 4, 2009

The Partnerships for International Research and Education (PIRE) program seeks to catalyze a higher level of international engagement in the U.S. science and engineering community by supporting innovative, international research and education collaborations. The program will enable U.S. scientists and engineers to establish collaborative relationships with international colleagues in order to advance new knowledge and discoveries at the frontiers of science and engineering and to promote the development of a diverse, globally-engaged U.S. scientific and engineering workforce. International partnerships are, and will be, increasingly indispensable in addressing many critical science and engineering problems. \$40 million available, 20 awards expected. [More Information](#)

****NEW-ARRA** Recovery Act: Large Wind Turbine Drivetrain Testing Facility - Responses Due August 4, 2009**

DOE envisions awarding a single \$45 Million financial assistance grant award on a competitive basis. This \$45 million program is to assist in the design and construction of an accredited dynamometer testing facility capable of performing Highly Accelerated Life Testing (HALT) of 5 to 15MW rated wind turbine drive trains and generators, including all required supporting systems. As HALT is assumed to require at least a 30% overload in the rated torque of the test article, the dynamometer facility will require a minimum capacity of 20MW to support testing of a 15MW rated drivetrain. The facility should incorporate features to accommodate large direct drive generators in addition to generator/gearbox drivetrain configurations. [More Information](#)

****NEW-ARRA** Recovery Act - Green Capacity Building Grants - Responses Due August 5, 2009**

The Department of Labor (DOL) announces the availability of approximately \$5 million in grant funds for projects that build the capacity of DOL-funded training programs to ensure that targeted groups are prepared to meet the needs of our country's expanding green industries. Only active DOL-funded grantees (eligible grantees specified in the SGA) are eligible to apply. Specifically, this SGA supports capacity building for organizations to provide training for entry-level positions leading to career pathways and/or additional training in the energy efficiency and renewable energy industries. The Department expects to award between 50 and 100 grants under this competition, providing awards ranging from \$50,000 to \$100,000. [More Information](#)

****UPDATED** Recovery Act - Smart Grid Investments -- Letters of Intent (required) October 23, 2009, and February 10, 2010; Full Responses Due August 6, 2009, November 4, 2009 and March 3 2010.**

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 June 17, 2009. [More Information](#) or contact [Donna Williams](#).

Federal Opportunities continued....

**Recovery Act - Geothermal Technologies Program:
Ground Source Heat Pumps - Responses Due August 6,
2009**

The U.S. Department of Energy seeks to increase the deployment of ground source heat pumps through new commercialization strategies. DOE's objective is to promote ground source heat pumps via the following three Topic Areas: 1) Technology Demonstration Projects 2) Data Gathering and Analysis, and 3) National Certification Standard: A national certification standard for the GHP industry designed to increase consumer confidence in the technology, reduce the potential for improperly installed systems, and assure product quality and performance. \$50 million available, 20 awards expected. [More Information](#)

****NEW-ARRA** Recovery Act - Solid State Lighting
Round IV Core - Responses Due August 10, 2009**

This Announcement is the sixth in a series of announcements projected to span the next decade. As the relevant SSL technology base matures, it is anticipated that the present level, applied research, will advance to market conditioning once the targets for efficiency, cost, longevity, stability, and control are demonstrated in a product environment. [More Information](#)

****NEW** Small Socially Disadvantaged Producer
Grant - Responses Due August 10, 2009**

Provides technical assistance to small, minority agricultural producers through eligible minority cooperatives and minority associations of cooperatives. [More Information](#)

****DUE DATE EXTENDED-ARRA** Recovery Act -
Energy Efficiency and Conservation Block Grants
(EECBG) - Applications from States, from Local
Governments and Tribes Due August 10, 2009**

The U.S. Department of Energy request proposals for Energy Efficiency and Conservation Block Grants (EECBG). This program will provide financial assistance to eligible states, cities, counties and Indian Tribes to create and implement strategies to reduce energy use and fossil fuel emissions, and improve efficiency in the building, transportation, and other appropriate sectors. Areas of interest include, are not limited to: Development of efficiency and conservation strategies and programs for buildings and transportation, technical consultant services; building energy audits; energy efficiency retrofits; building codes programs; reduction and capture of methane and greenhouse gases; traffic signals and street lighting; and renewable energy technologies on government buildings. \$3.1 billion expected to be available. [More Information](#) or contact Lisa Kuzniar at lkuzni@netl.doe.gov.

**Biomass Crop Assistance Program (BCAP) -
Collection, Harvesting, Storage and Transportation of
Eligible Material - Comments Due August 10, 2009**

This U.S. Department of Agriculture Notice of Funds Availability (NOFA) announces that funds are being made available beginning in 2009 for certain provisions of the Biomass Crop Assistance Program (BCAP) established by the Food, Conservation, and Energy Act of 2008 (2008 Farm Bill), in order to provide matching payments to certain persons or entities for the collection, harvest, storage, and transportation (CHST) of eligible material delivered to qualified biomass conversion facilities. [More Information](#)

****NEW-ARRA** Recovery Act: Geologic Sequestration
Training & Research Responses Due August 11, 2009**

Grant applications from universities, colleges, and college-affiliated research institutions and Historically Black Colleges and Universities and Other Minority Institutions (HBCU/OMI) are sought to provide training opportunities for graduate and undergraduate students that will provide the human capital and skills required for implementing and deploying CCS technologies. Training can be accomplished through fundamental research in the CCS technology area.

Fundamental research is needed to advance science in: simulation and risk assessment; monitoring, verification, and accounting; geological related analytical tools; methods to interpret geophysical models; well completion and integrity for long-term CO2 storage; and CO2 capture. [More Information](#)

**Recovery Act - Interconnection Transmission -
Responses Due August 14, 2009**

The objective of this Funding Opportunity Announcement is to facilitate the development or strengthening of capabilities in each of the three interconnections serving the lower 48 states of the United States, to prepare analyses of transmission requirements under a broad range of alternative futures and develop long-term interconnection-wide transmission expansion plans. The interconnections are the Western Interconnection, the Eastern Interconnection, and the Texas Interconnection. [More Information](#)

****NEW-ARRA** Recovery Act - State Labor Market
Information Improvement Grants - Responses Due
August 14, 2009**

The Department of Labor (DOL) announces the availability of approximately \$50 million in grant funds for the Workforce Agencies of the 50 States, the District of Columbia, and U.S. Territories, or a consortium of such agencies, to collect, analyze, and disseminate labor market information, and to enhance the labor exchange infrastructure for careers within the energy efficiency and renewable energy industries. The eligible applicant for this grant solicitation is the State Workforce Agency, as States are expected to use workforce and labor market information and data as the foundation on which to build and implement effective workforce development strategies. This SGA encourages collaborative approaches, whereby multiple States apply as a consortium to conduct research that may potentially have a multi-State or national impact. ETA intends to fund individual State grants ranging from approximately \$750,000 to \$1,250,000. Individual grant awards to consortium applicants will range from \$2 to \$4 million, contingent upon an adequate justification of proposed project needs and the availability of resources. [More Information](#)

**Public Health & Sustainable Water Infrastructure -
Responses Due August 17, 2009**

The U.S. Environmental Protection Agency requests proposals for Advancing Public Health Protection through Water Infrastructure Sustainability. Projects should clearly demonstrate an integrated, multi-disciplinary approach that leads to advances in design, operation, and management of the water infrastructure and should directly tie those advances to public health protection in conjunction with improving water efficiency and reducing energy requirements. \$6 million expected to be available, up to 8 awards anticipated. [More Information](#)

Federal Opportunities continued...

****NEW-ARRA** Recovery Act – Solid State Lighting Product Development Round VI - Responses Due August 17, 2009**

The objective of this Announcement is product development of general illumination SSL sources, luminaires, and enabling products. Product development is the systematic use of knowledge gained from basic and applied research to develop or improve commercially viable materials, devices, or systems. [More Information](#)

****NEW-ARRA** Recovery Act: Advanced Energy Efficient Building Technology - Responses Due August 18, 2009**

The Department of Energy (DOE), National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE) Building Technologies Program (BTP), is seeking applications under six broad Areas of Interest. (each Area of Interest includes several specific Technical Subtopics) as follows: Area of Interest 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 MELs; 6: Solar Heating and Cooling (SHC). DOE estimates that approximately \$25-\$75 million shall be available for awards under this Funding Opportunity Announcement (FOA). [More Information](#)

****NEW-ARRA** Recovery Act: Hydroelectric Facility Modernization Grant - Responses Due August 20, 2009**

The Department of Energy is soliciting applications from industry members or industry-led partnerships that propose to develop, deploy, and test hydropower projects that would modernize the existing hydropower infrastructure in the U.S. and increase both the quantity and value of hydropower generation, including environmental performance. The program will focus on supporting the deployment of turbines and control technologies to increase and maximize system generation at existing non-Federal hydroelectric facilities Projects that propose to use advanced technologies that improve upon on technologies or operations in common use are preferred. [More Information](#)

Recovery Act - Academic Research Infrastructure Program– Letter of Intent (required) Due July 1, 2009, Full Responses Due August 24, 2009

Consistent with NSF's mission to strengthen the U.S. science and engineering enterprise, this program will: update existing research facilities at institutions of higher education (and other non-profit research organizations in order to support research that can address the challenges of the 21st century. Enable academic departments, disciplinary and cross-disciplinary units, or multi-organization consortia to renovate research facilities through the addition or augmentation of cyber infrastructure, other than general-purpose computing systems or data storage systems, to create environments that enhance research and integrate research with education. Improve access to and increase use of next-generation research facilities for researchers, educators and students. Assist research organizations, including those that have historically received limited Federal research and development funds, to improve their science and engineering research environments. \$200 million available, 20 awards expected. [More Information](#)

****NEW-ARRA** Recovery Act - Solid State Lighting US Manufacturing Round 1 - Responses Due August 24, 2009**

The objective of this Funding Opportunity Announcement (FOA) is to achieve cost reduction of solid-state lighting for general illumination through improvements in manufacturing equipment, processes, or techniques. It is anticipated that success will lead to a more rapid adoption/installation of high-quality SSL products resulting in a significant reduction of energy use and a corresponding reduction of environmental pollutants. A secondary objective is to maintain, in the case of light emitting diodes (LEDs), or establish, in the case of organic light emitting diodes (OLEDs), the manufacturing and technology base within the US. [More Information](#)

****NEW-ARRA** Recovery Act - Building America: Energy Efficient Housing - Responses Due August 24, 2009**

The Department of Energy (DOE), National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE's) Building Technologies (BT) Program, is seeking applications for Industry Teams to implement the Building America Program's research program for new and existing homes. This Funding Opportunity Announcement also offers a limited opportunity for Industry Teams to focus on stimulating the existing home retrofit market. This FOA includes two (2) Program Areas of Interest. Program Areas of Interest Area of Interest 1 - Building America Teams Area of Interest 2 - Building America Retrofit Teams. \$31.25 million available. [More Information](#)

****NEW-ARRA** High-Speed Intercity Passenger Rail (HSIPR) Program: Track 1 Projects - Responses Due August 25, 2009 and October 3, 2009**

This notice builds on the "Vision for High-Speed Rail" (available on FRA's website) by detailing the application requirements and procedures for obtaining funding for high-speed rail projects under the American Recovery and Reinvestment Act of 2009 (ARRA) and the Department of Transportation Appropriations Acts of 2008 and 2009, while laying the foundation for a longer-term program to establish a network of high-speed rail corridors. The evaluation and selection criteria in this notice are intended to prioritize projects that deliver transportation, economic recovery and other public benefits, including energy independence, environmental quality, and livable communities; ensure project success through effective project management, financial planning and stakeholder commitments; and emphasize a balanced approach to project types, locations, innovation, and timing. This notice describes multiple funding paths to accommodate projects at different stages of development, while also rationalizing the variety of statutory and administrative requirements underpinning the program. [More Information](#)

****UPDATED-ARRA** Recovery Act - Smart Grid Demonstrations Grant - Responses Due August 26, 2009**

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, Synchronphasors, and Energy Storage. \$615 million expected to be available, up to 36 awards anticipated. Contact [Keith Carrington](#) or [More Information](#).

Federal Opportunities continued....

**Specialty Crop Block Grant Program – Farm Bill -
Responses Due August 26, 2009**

The USDA Agricultural Marketing Service (AMS) announces the availability of approximately \$49 million in grant funds, less USDA administrative costs, to enhance the competitiveness of specialty crops. Specialty crops are defined as fruits and vegetables, dried fruit, tree nuts, horticulture and nursery crops (including floriculture). [More Information](#)

**Innovative Technologies and Methodologies
Addressing Various Environmental Problems -**

Responses Accepted Through: August 26, 2009

The U.S. Department of the Navy has issued a Broad Agency Announcement for Innovative Technologies and Methodologies Addressing Various Environmental Problems. Areas of interest include but are not limited to: Pollution Prevention - Process design changes, management practices or methodologies to minimize the amount of pollution generated during present or future operations and maintenance. [More Information](#)

**Recovery Act - State Electricity Regulators Assistance
- Responses Due August 31, 2009**

The primary purpose of this initiative is to assist the state Public Utility Commissions (PUCs) by providing funding to increase staff to facilitate timely consideration through appropriate regulatory processes of ARRA electricity-related activities and investments. More specifically, this initiative should: 1) help state PUCs better manage the increase in dockets and other regulatory actions expected to result from ARRA electricity-related activities; 2) facilitate timely consideration by PUCs of ARRA electricity-related investments; and 3) create jobs. \$1,686,869 available. [More Information](#)

****NEW-ARRA** Recovery Act: Training Program
Development for Commercial Building Equipment
Technicians, Building Operators, and Energy
Commissioning Agents/Auditors - Responses Due
September 1, 2009**

The Department of Energy (DOE) National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE's) Building Technologies Program (BTP), is seeking applications for projects that focus on developing training programs for various building specialists. The programs shall use existing curricula or develop new training curricula for their course content. To achieve the full potential of energy efficient (and eventual net zero-energy) buildings, our Nation needs commercial building equipment technicians, operators, and energy commissioning agents/auditors who know how to properly run and tune building systems. The combination of efficient operations and advanced design will improve the internal built environment: its energy use, comfort, safety, and environmental impact. [More Information](#)

****NEW** Topical Collaborations in Nuclear Theory
Grant - Responses Due September 1, 2009**

The Office of Nuclear Physics (NP), Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving proposals for Topical Collaborations in Nuclear Theory. Topical Collaborations are fixed-term, multi-institution collaborations established to investigate a specific topic in nuclear physics of special interest to the community, which is well aligned with programmatic NP goals. They also provide a mechanism for maintaining a robust community, by encouraging the creation of tenured university appointments and permanent laboratory positions in nuclear theory. [More Information](#)

**Small Business Innovation Research Program –
Responses Due September 3, 2009**

The U.S. Department of Agriculture requests proposals for the Small Business Innovation Research Program – Phase I. SBIR supports U.S. owned, small business R&D projects that address important problems facing American agriculture and have the potential to lead to significant public benefit if the research is successful. Research areas include, but are not limited to: Biofuels and Biobased Products; Air, Water, and Soils; Rural Development; Aquaculture; and Animal Manure Management. \$18.5 million expected to be available. [More Information](#)

****NEW-ARRA** Recovery Act - Energy Training
Partnership Grants - Responses Due September 9, 2009**

The US Department of Labor announces the availability of funding for projects that will provide training and placement services in the energy efficiency and renewable energy industries for workers impacted by national energy and environmental policy, individuals in need of updated training related to the energy efficiency and renewable energy industries, and unemployed workers. Proposed projects must be developed and implemented through strategic partnerships. Energy Training Partnership funds are intended to provide training for workers that prepares them to enter the energy efficiency and renewable energy industries, as well as green occupations within other industries. Individuals eligible for training include workers impacted by national energy and environmental policy, individuals in need of updated training related to the energy efficiency and renewable energy industries, and unemployed workers. A portion of the funds under this SGA will be reserved for projects serving communities impacted by automotive-related restructuring. [More Information](#)

**Recovery Act - Systems Level Technology
Development, Integration, and Demonstration for
Efficient Class 8 Trucks (SuperTruck) and Advanced
Technology Powertrains for Light-Duty Vehicles (ATP-
LD) - Responses Due September 9, 2009**

Through this announcement US Department of Energy will fund the following areas: 1) Develop and demonstrate a 50% improvement in overall freight efficiency on a heavy-duty Class 8 tractor-trailer measured in ton-miles per gallon. This improvement will be achieved through the application of advanced vehicle system technologies and advanced engine technologies, and 2) accelerate the development of cost-competitive engine and powertrain systems for light-duty vehicles capable of attaining breakthrough thermal efficiencies while meeting future emissions standards. Up to \$240 million expected and up to 11 awards. [More Information](#)

**Recovery Act - Transportation Investment Generating
Economic Recovery (TIGER) - Grants for Surface
Transportation - Responses Due September 15, 2009**

Under a new Recovery Act program, up to \$1.5 billion was made available through September 30, 2011, for the Secretary of Transportation to make grants on a competitive basis for capital investments in surface transportation infrastructure projects that will have a significant impact on the Nation, a metropolitan area, or a region. Projects eligible for funding provided under this program include, but are not limited to, highway or bridge projects, public transportation projects, passenger and freight rail transportation projects, and port infrastructure investments [More Information](#)

Federal Opportunities continued....

Biotechnology, Biochemical, and Biomass Engineering

- Responses Due September 15, 2009

The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This initiative supports research that addresses problems involved in economic processing and manufacturing of products of economic importance by effectively utilizing renewable resources of biological origin and bio-informatics originating from genomic and proteomic information. [More information](#) or Frederick Heineken, fheineke@nsf.gov.

Environmental Implications of Emerging Technologies

- Responses Due September 15, 2009

The National Science Foundation requests proposals for Environmental Implications of Emerging Technologies. This program supports research to establish and understand outcomes as a result of the implementation of new technologies, including biotechnologies, and the development and the refinement of sensors and sensor network technologies. Innovative production processes, waste reduction, recycling, and industrial ecology technologies are of particular interest. [More Information](#)

Environmental Engineering - Responses Due September 15, 2009

The National Science Foundation requests proposals for the Environmental Engineering Program. This program supports research and educational activities, with the goal of applying engineering principles to understand and reduce adverse effects of solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity and that impair the ecological and economic value of those resources. [More Information](#) or contact Clark Liu, ccliu@nsf.gov.

Catalysis and Biocatalysis - Responses Due September 15, 2009

The National Science Foundation requests proposals for The Catalysis and Biocatalysis program which primarily supports fundamental and applied research on: Kinetics and mechanisms of important catalyzed chemical reactions as they relate to the production of chemicals, fuels, and specialized materials Characterization of chemical and biochemical phenomena occurring at or near solid surfaces and interfaces. [More Information](#)

Environmental Sustainability - Responses Due September 15, 2009

The National Science Foundation requests proposals for the Environmental Sustainability Program. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and natural systems. General areas of research include: Industrial Ecology, Green Engineering, Ecological Engineering, and Earth Systems Engineering. [More information](#) or contact Bruce Hamilton, bhamilto@nsf.gov.

Thermal Transport Processes - Responses Due September 15, 2009

The National Science Foundation requests proposals for the Thermal Transport Processes Program, for engineering research aimed at gaining a basic understanding of the microscopic and macroscopic levels of thermal transport phenomena (heat and mass transfer) underlying energy conversion and conservation, the synthesis and processing of materials, cooling and heating of infrastructure and equipment, and more. An active understanding of thermal transport in energy conversion and conservation processes is vital to reduce the nation's dependence on petroleum. [More Information](#)

****NEW-ARRA** Recovery Act - Pathways Out of Poverty Grant - Responses Due: September 29, 2009**

The Department of Labor (DOL, or the Department) announces the availability of approximately \$150 million in grant funds authorized by the American Recovery and Reinvestment Act of 2009 (the Recovery Act) for projects that provide training and placement services to provide pathways out of poverty and into employment within the industries described in the Supplementary Information, Part B of this SGA. Grantees selected from two separate types of applicants will be funded through this solicitation: (1) national nonprofit entities with networks of local affiliates, coalition members, or other established partners; and (2) local entities. [More Information](#)

Recovery Act - Clean Cities FY09 Petroleum Reduction Technologies Projects for Transportation Sector - Round 2 Responses Due: September 30, 2009

The US Department of Energy solicits proposals in the following areas of interest 1) Refueling Infrastructure for Alternative Fuels, 2) Incremental Costs of Dedicated Alternative Fuel Vehicles (AFVs) 3) Education, Outreach, & Workshops for Petroleum Reduction Fuels and Technologies) Alternative Fuels Vehicles Pilot Program. \$6 million available, up to 22 awards for area of interest 1-3, \$300 million available fro area of interest 4. [More Information](#)

Office of Science Grants and Cooperative Agreements

- Responses Due September 30, 2009

The US Department of Energy, Office of Science, announces its continuing interest in receiving proposals in areas including, but not limited to: Basic energy sciences, biological and environmental research, and workforce development for teachers and scientists. [More Information](#)

Engineering Design and Innovation - Responses Due October 1, 2009

The National Science Foundation requests proposals for Engineering Design and Innovation. This program funds advances in basic design theory including design for the environment and for manufacturability. [More Information](#) or contact Christina Bloebaum at cbloebau@nsf.gov.

Materials Processing and Manufacturing - Responses Due October 1, 2009

The National Science Foundation requests proposals for Materials Processing and Manufacturing. This program supports research on the interrelationship of materials processing, structure, performance and process control. Emphasis is placed on environmentally benign manufacturing and virtual manufacturing. \$300K expected to be available. [More Information](#) or contact Joycelyn Harrison at j-harris@nsf.gov

Structural Materials and Mechanics - Responses Due October 1, 2009

The National Science Foundation requests proposals for Structural Materials and Mechanics. This program supports research on the behavior of civil infrastructure materials and the mechanics of structural components in the built environment. Of particular interest is research on structural components consisting of natural and synthetic materials, and their impact on life-cycle performance and sustainable development of the civil infrastructure. [More Information](#) or contact Lawrence Bank at lbank@nsf.gov

Federal Opportunities continued....

Sensors and Sensing Systems - Responses Due October 1, 2009

The National Science Foundation requests proposals for Sensors and Sensing Systems. This program supports research on methods to acquire and use sensor data on civil, mechanical, and manufacturing systems. [More Information](#), or contact Shih Liu at slu@nsf.gov

Manufacturing Enterprise Systems - Responses Due October 1, 2009

The National Science Foundation requests proposals for the MES program that supports research on design, planning, and control of operations in manufacturing enterprises. Research is supported that impacts the analytical and computational techniques relevant to extended enterprise operations and that offer the prospect of implementable solutions. [More Information](#)

Materials and Surface Engineering - Responses Due October 1, 2009

The National Science Foundation requests proposals for the MSE program that supports fundamental research leading to a better understanding of the effect of microstructure, surfaces and coatings on the properties and performance of engineering materials, and the ultimate control of these properties through material design.?? Of particular interest is materials service under conditions such as impact, temperature extremes, corrosion, oxidation, and friction. The program also supports research leading to biomedical applications of materials. Funded research includes both experimental and theoretical approaches. [More Information](#)

Control Systems Grant - Responses Due October 1, 2009

The National Science Foundation requests proposals for the CS program that supports innovative research on control theory and control technology driven by real life applications. The program accepts proposals on transformative research in established topic areas such as model-based control. However, the program emphasis is on paradigm-shifting ideas for control strategies that may be inspired by nature, unconventional applications, and the combined role of feedback and uncertainty in systems that incorporate large numbers of sensors and actuators. New sensor and actuator concepts that integrate feedback and signal processing to achieve a sensing or actuation objective are also funded. [More Information](#)

Manufacturing and Construction Machines and Equipment - Responses Due October 1, 2009

The National Science Foundation requests proposals for the MCME program that supports fundamental research leading to improved machines and applications for both manufacturing and construction. Key goals are to advance the transition of these industries from skill-based to knowledge-based activities and to develop them as activities with minimal environmental and societal impact. To accomplish these goals the program emphasizes research leading to a fundamental understanding of the relevant physical processes resulting in better predictive models and improved manufacturing and construction decision making. The program also supports research on solid freeform fabrication encompassing scales from microns to meters (nanometer scale additive manufacturing is supported under the Nanomanufacturing program). [More Information](#)

****NEW** Solar America Cities - Technical Outreach Responses Due October 15, 2009**

Through this FOA, DOE intends to select 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 selected Recipient(s) will proactively address the solar-related information needs of significant local markets, as well as provide a mechanism by which individual local governments can receive and share timely information on solar energy. 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. Other relevant audiences may include local businesses, utilities, schools, and relevant non-profit organizations. [More Information](#)

Advanced Technological Education – Final Proposals Due October 15, 2009

The National Science Foundation requests proposals for Advanced Technological Education. ATE primarily focuses on the education at two year colleges of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions and employers. Fields of technology supported include, but are not limited to, agricultural, environmental, manufacturing and engineering technology, and biotechnology. \$46 million expected to be available, up to 75 awards anticipated. [More Information](#)

****NEW-ARRA** Recovery Act - State Energy Sector Partnership (SESP) and Training Grants - Responses Due October 20, 2009**

The Department of Labor (DOL) announces the availability of approximately \$190 million in grant funds to State Workforce Investment Boards of the 50 States, the District of Columbia, and the U.S. territories. In order to highlight the important role States play in building a national green economy, the Department is investing in workforce sector strategies that target energy efficiency and renewable energy industries. DOL encourages a strategic planning process that aligns the Governor's overall workforce vision, State energy policies, and local and regional training activities that lead to employment in targeted industry sectors. This strategic planning process is an opportunity to develop a statewide energy sector strategy through a comprehensive partnership and development of a Sector Plan. If an energy sector strategy is currently in place, that strategy should be reviewed and evaluated to address the requirements of this funding opportunity. As a result of this Solicitation for Grant Application (SGA), the Department is fostering the development of a national workforce that is ready to meet the demands of the energy efficiency and renewable energy industries. A portion of the funds under this SGA will be reserved for communities or regions undergoing auto industry related restructurings. The eligible applicants for this SGA are State Workforce Investment Boards in partnership with their State Workforce Agency, local Workforce Investment Boards or regional consortia of Boards, and One Stop Career Center delivery systems. ETA intends to fund grants ranging from approximately \$2 to \$6 million. [More Information](#)

Federal Opportunities continued....

Electronic and Photonic Materials - Responses Due October 31, 2009

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. [More Information](#) or contact [LaVerne Hess](#)

Biomaterials - Responses Due October 31, 2009

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. [More Information](#) or contact [David Brant](#).

Partnerships for Innovation Grant -- Letter of Intent: October 31, 2009 (October 31, Annually Thereafter); Full Proposal: December 31, 2009 (December 31, Annually Thereafter)

The goals of the National Science Foundation's Partnerships for Innovation Program are to: 1) stimulate the transformation of knowledge created by the research and education enterprise into innovations that create new wealth; 2) broaden the participation of all types of academic institutions and all citizens in activities to meet the diverse workforce needs of the national innovation enterprise; and 3) catalyze or enhance enabling infrastructure that is necessary to foster and sustain innovation in the long-term. \$9.5 million available, 15 awards expected. [More Information](#).

Experimental Program to Stimulate Competitive Research (EPSCoR); Building EPSCoR-State/National Laboratory Partnerships - Responses Due November 9, 2009

The Office of Basic Energy Sciences (BES) of the Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving grant applications for collaborative partnerships between academic or industrial researchers from jurisdictions eligible for the DOE Experimental Program to Stimulate Competitive Research (EPSCoR) program and researchers at DOE's National Laboratories, facilities, centers, information repository, or Energy Information Administration (hereafter referred to as the National Laboratories). The purpose of DOE/EPSCoR program is to enhance the capabilities of academic and industrial institutions in designated EPSCoR jurisdictions to conduct nationally competitive, energy-related research. The purpose of this funding opportunity announcement is to call for applications that advance fundamental energy oriented scientific and engineering research partnerships with the National Laboratories. Participation by students and/or postdoctoral fellows is required. Junior faculty from EPSCoR jurisdictions are encouraged to apply. [More Information](#)

Clean Air Research Centers Grant – Responses Due November 16, 2009

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications for Clean Air Research Centers. EPA is interested in supporting research on the health effects of exposure to particulate matter (PM), ozone, and other air pollutants, both singly and in multipollutant atmospheres. Priority research areas include: explaining regional and temporal differences in air pollution risk; determining the origins and transformations of multipollutant atmospheres and their constituents; defining exposure/concentration-response relationships; assessing susceptibility; understanding PM effects in a multipollutant context; and developing greater understanding of PM and ozone health effects. EPA is seeking proposals for integrated, multidisciplinary research centers that will advance understanding air pollution and human health effects. \$32 million available, 4 awards expected. [More Information](#)

Recovery Act - Economic Development Administration Funding – Proposal Accepted through June 30, 2010

Under this federal funding opportunity (FFO) announcement, EDA is soliciting applications for the EDA American Recovery Program under the auspices of PWEDA. Specifically, the FFO pertains to applications for funding under EDA's Public Works and Economic Adjustment Assistance programs only. Under the EDA American Recovery Program, EDA will help restore, replace and expand economic activity in regions that have experienced sudden and severe economic dislocation and job loss due to corporate restructuring, and prioritize projects that will diversify the economic base and lead to a stronger, more globally competitive and resilient regional economy. EDA's economic development activities help create jobs by encouraging business inception and growth. [More Information](#)

Recovery Act - America's Recovery Capital (ARC) Loan Program – Applications Accepted through September 20, 2010

The U.S. Small Business Administration (SBA) has a new loan program designed just for small businesses stressed in meeting expenses during these economic times. SBA's America's Recovery Capital Loan Program can provide up to \$35,000 in short-term relief for viable small businesses facing immediate financial hardship to help ride out the current uncertain economic times and return to profitability. Each small business is limited to one ARC loan. [More Information](#)

****NEW** Economic Development Assistance Programs – Applications Accepted through September 20, 2010**

Under this announcement, EDA solicits applications for the following programs under PWEDA: (i) Public Works; (ii) Planning; (iii) Local Technical Assistance; and (iv) Economic Adjustment Assistance. EDA will provide Public Works investments to support the construction or rehabilitation of essential public infrastructure and facilities necessary to generate or retain private sector jobs and investments, attract private sector capital, and promote regional competitiveness, including investments that expand and upgrade infrastructure to attract new industry, support technology-led development, accelerate new business development, and enhance the ability of regions to capitalize on opportunities presented by free trade. [More Information](#)

Federal Opportunities continued....

Recovery Act - Environmental Internships -

Accepted through September 30, 2010

The United States Fish and Wildlife Service (USFWS) is an environmental Federal Agency with offices throughout the United States. Through on-site activities located at a variety of field stations, including wildlife refuges, fish hatcheries, and ecological services offices, individuals or groups will be introduced to natural resource careers through "hands-on" work with, and training by, natural resource professionals employed by the USFWS. The goal is to help develop a new generation of enthused and effective conservationists and ecologists. Each selected individual or group is given the opportunity to serve a seasonal on-site assignment, usually scheduled between June 1st and September 30th. During the assignments, individuals or groups are introduced to various real-world conservation and rehabilitation activities such as invasive species management, habitat restoration, wildlife management, and public education and interpretation, mixed with informal and formal training sessions directed by USFWS. The USFWS hereby invites submission of proposals from all potential sources willing and able to cooperatively administer a program for identifying and recruiting individuals or groups for assignments at various USFWS stations. [More information](#)

Basic and Applied Scientific Research - Proposal

Accepted through September 30, 2011

US Army Research Office has issued a Broad Agency Announcement for Basic and Applied Scientific Research in areas including, but not limited to: Mechanical, environmental and materials sciences, physics, and chemistry. [More Information](#)

Federal Aviation Administration - Efficient Airplanes and Airports -- Proposals accepted through January 1, 2012

The Federal Aviation Administration accepts unsolicited research proposals that address long-term growth and short-term technical needs of civil aviation. 10 areas of interest are identified which include, but are not limited to: 1) Environment and Energy – Improvements that address environmental and regulatory issues such as noise abatement, aircraft pollution, and improved certification of clean, quiet, fuel efficient aircraft, and 2) Airports – Improvements in design, construction, operation, and maintenance of airports. [More Information](#)

Energy Efficiency and Renewable Energy System Technology Research and Development (SBIR

[R43/R44]) Grant -- Proposals accepted through January 7, 2012

The Energy Independence and Security Act of 2007 requires SBIR/STTR agencies, whenever possible and appropriate, to give high priority within the SBIR and STTR programs to energy efficiency or renewable energy system research and development projects (R&D). As part of the implementation of this Act, this Funding Opportunity Announcement (FOA) encourages eligible United States small business concerns (SBCs) whose biomedical research is related to energy efficiency or renewable energy systems, to submit SBIR Phase I, Phase II, and Fast-Track grant applications for R&D projects in those areas. [More Information](#)

ONGOING

Recovery Act - Rural Business Enterprise Grant Programs (RBEG) -

Applications accepted until funds are expended.

Assistance provided to rural areas under this program may include on-site technical assistance to local and regional governments, public transit agencies, and related non-profit and for-profit organizations in rural areas; the development of training materials; and the provision of necessary training assistance to local officials and agencies in rural areas.

[More Information](#)

Economic Development Assistance Programs

Request for proposals for projects that promote comprehensive, entrepreneurial, and innovation-based economic development efforts that will enhance the competitiveness of regions, resulting in increased private investment and higher-skill, higher-wage jobs in areas experiencing substantial and persistent economic distress. Under this announcement these programs include: 1) Public Works and Economic Development Investments Program, 2) Planning Program: Planning Assistance for Economic Development Districts, Indian Tribes, States, and other Planning Organizations, 3) Technical Assistance Program: Local Technical Assistance; National Technical Assistance; and University Centers, 4) Economic Adjustment Assistance Program, 5) Trade Adjustment Assistance Program. \$250.7 million available. [More Information](#)

Climate Research

National Science Foundation is requesting proposals for Paleoclimate research. Projects should focus on the natural evolution of Earth's climate with the goal of providing a baseline for present variability and future trends through improved understanding of the physical, chemical, and biological processes that influence climate over the long-term. [More Information](#)

Federal Grant Opportunities

Grants.gov is the single access point for over 1,000 grant programs offered by all Federal grant making agencies. Grants.gov allows organizations to electronically find and apply for more than \$400 billion in Federal grants. [More Information](#)

FEDERAL TAX INCENTIVES

Recovery Act -Tax Credits for Consumers

Tax credits are available at 30% of the cost, up to \$1,500, in 2009 & 2010 (for existing homes only) for: [Windows and Doors](#), [Insulation](#), [Roofs \(Metal and Asphalt\)](#), [HVAC](#), [Water Heaters \(non-solar\)](#), and [Biomass Stoves](#)

Tax credits are available at 30% of the cost, with no upper limit through 2016 (for existing homes & new construction) for: [Geothermal Heat Pumps](#), [Solar Panels](#), [Solar Water Heaters](#), [Small Wind Energy Systems](#), [Fuel Cells](#)

[Cars](#) - Hybrid gasoline-electric, diesel, battery-electric, alternative fuel, and fuel cell vehicles. Based on a formula determined by vehicle weight, technology, and fuel economy compared to base year models. Plug-in hybrid electric vehicles - \$2,500-\$7,500.

[More Information](#)

ENERGY INDEPENDENCE FUNDING OPPORTUNITIES/INCENTIVES

Page

Federal Opportunities continued....

Tax Deductions for Commercial Buildings:

A tax deduction of up to \$1.80 per square foot is available to owners or designers of new or existing commercial buildings that save at least 50% of the heating and cooling energy of a building that meets ASHRAE Standard 90.1-2001. Partial deductions of up to \$.60 per square foot can be taken for measures affecting any one of three building systems: the building envelope, lighting, or heating and cooling systems. These tax deductions are available for systems "placed in service" from January 1, 2006 through December 31, 2013. [More Information](#), [Commercial Building Tax Deduction Coalition](#)

Tax Credits for Home Builders

Home builders are eligible for a \$2,000 tax credit for a new energy efficient home that achieves 50% energy savings for heating and cooling over the 2004 International Energy Conservation Code (IECC) and supplements. At least 1/5 of the energy savings must come from building envelope improvements. This credit also applies to contractors of manufactured homes conforming to Federal Manufactured Home Construction and Safety Standards. There is also a \$1,000 tax credit to the producer of a new manufactured home achieving 30% energy savings for heating and cooling over the 2004 IECC and supplements (at least 1/3 of the savings must come from building envelope improvements), or a manufactured home meeting the [requirements](#) established by EPA under the ENERGY STAR program. [More Information](#)

Recovery Act - Production Tax Credit

The Act extends the date before which a renewable energy project must be completed (referred to as the "placed-in-service" date) in order to qualify for the 1.5¢ per kilowatt hour production tax credit. The placed-in-service date for wind power facilities is extended through December 31, 2012. The placed-in-service date for biomass, geothermal, small irrigation, landfill gas, trash combustion, hydropower, and marine renewable facilities is extended through December 31, 2014.

Recovery Act - Investment Tax Credit

The Act allows owners of certain renewable energy facilities to claim the investment tax credit in lieu of the production tax credit. The investment tax credit is an income tax credit generally equal to 30% of the tax basis of the renewable energy facility. The investment tax credit is available for certain facilities placed in service between 2009 and 2012. Facilities that are eligible for the investment tax credit are wind, biomass, geothermal, small irrigation, hydropower, landfill gas, waste-to-energy, and marine renewable facilities. A major benefit of claiming the investment tax credit (rather than the production tax credit) is that the owner of the renewable energy facility claims the entire investment tax credit in the year the facility is placed in service (and in certain instances during construction). In contrast, the production tax credit is claimed over 10 years (and only to the extent electricity is generated).

Recovery Act - Alternative Fuel Vehicle Refueling Property

For alternative fuel vehicle (or clean-fuel vehicle) refueling property placed in service in 2009 or 2010, the credit for businesses is increased to 50% of the cost of the refueling property placed in service (up from the existing 30%) with a corresponding increase in the cap to \$50,000 (from \$30,000). The cap for hydrogen related property is also increased to \$200,000 (from \$30,000). The refueling credit for non-businesses is increased to 50% (from 30%) and capped at \$2,000 (from \$1,000).

Recovery Act - Carbon Dioxide Capture

Any taxpayer claiming the \$10 credit per ton for carbon dioxide captured at a qualified facility and transported for use in an enhanced oil or natural gas recovery project, must now also ensure that such carbon dioxide is permanently stored in a geologic formation.

Biodiesel and Cellulosic Biofuel Producer Tax Incentives

The Internal Revenue Service has issued new guidance for producers of biodiesel applying for tax credits, following the revision of the American Society of Testing and Materials biodiesel standard ASTM D6751, and for producers of cellulosic ethanol applying for tax credits provided for in the recently enacted "Food, Conservation, and Energy Act of 2008" (P.L. 110-246). Read IRS Notice 2008-110 - [More Information](#)

PRIVATE FUNDING

US Green Building Council - Natural Talent Design Competition – Responses Due: June 26, 2009

The USGBC Natural Talent 2009 Design Competition provides an applied learning experience in the principles of integrated design, sustainability, innovation, and social consciousness; all of which are components of the LEED Green Building Rating System. Participants will compete in a local competition, the top winner of which will move on to compete for a national award at Greenbuild Phoenix in November 2009. The Wisconsin Green Building Alliance is looking for experienced architects and engineers to help advise and mentor participants. For more information, please contact Elizabeth Hittman at ehittman@wgba.org or 414.224.9422. [More Information](#)

Greenways - Responses Due: June 30, 2009

The Conservation Fund, in partnership with Eastman Kodak and the National Geographic Society requests proposals for Greenways Grants. In general, grants can be used for all appropriate expenses needed to complete, expand, or improve a greenway project, including planning, technical assistance, legal, and other costs. Individual grants NTE \$2.5K. [More Information](#)

Greening High Schools - Responses Due September 9, 2009

The Student Conservation Association requests proposals for the Green Your School Contest. This is a national competition that awards projects that have, or will, improve the environmental health of the school. \$10K available, 3 awards anticipated. [More Information](#)

Ongoing

Renewable Fuels Foundation -- Proposals Accepted on a Continual Basis

While sound research should be the basis for all grant applications, the RFF will only support projects that directly enhance domestic production of ethanol and the efficient use of co-products. Grants will be awarded for up to \$75,000 annually, with viable projects qualifying for continued funding. [More Information](#) or (202) 289-3835.

Federal Opportunities continued....

Best Buy Co. - Recycling Consumer Electronics --

Proposals Accepted on a Continual Basis

Proposals Requested for Consumer Electronics Recycling Grants. This program seeks to increase recycling opportunities available to communities across the U.S. Support is provided for events hosted by 501(c) (3) nonprofit organizations, and for events hosted by other organizations in cities and townships across the country. Grant range \$500 to \$1.5K. [More Information](#)

Energy Foundation Grants -- *Application reviewed four times a year*

The Energy Foundation is a partnership of major donors interested in solving the world's energy problems. Our mission is to advance energy efficiency and renewable energy — new technologies that are essential components of a clean energy future. Major program areas of support include: power, building, transportation and climate. [More information](#)

McKnight Foundation

The goal of McKnight grant making is that Upper Midwest will provide a significant portion of the nation's renewable energy supply for electricity and transportation fuels. Funding for advanced biofuels began in 2005: \$10 million over 5 years. Since 1997, its renewable energy grant making has been in partnership with the Energy Foundation. [More Information](#)

Sparkplug Foundation Two grant Cycles Each Year

The Sparkplug Foundation primarily supports start-up projects in music, education, and grassroots organizing. In the music category, the Foundation fosters the expansion of musical ideas by supporting new projects that promote original programming and new performers. In education, the Foundation supports projects that address class disparities in educational access. Through support of grassroots organizing, the Foundation encourages activist strategies for addressing institutional injustices and for building a reasoned, just society. In addition to these three categories, the Foundation is currently interested in supporting communities working in these areas: **sustainable energy**; Gulf Coast democracy, anti-racism, and economic justice; and secular community development. [More Information](#)

Rockefeller Brothers Fund

Rockefeller Brothers' program areas are Sustainable Development and Combating Global Warming. The fund supports advocacy to accelerate biofuels development as a means to combat global warming. An additional focus is on democratic practice to ensure that this transition is made in a sustainable and transparent way. Sustainable development accounted for 70% of RBF 2005 grant making, or nearly \$15.8 million. Over the next two years RBF will invest roughly \$500,000 in biofuels work. Average grant size in sustainable development is about \$63,000. [More Information](#)

Turner Foundation

The Turner Foundation provides funding for advocacy and policy work to advance energy efficiency and renewable energy. Geographic priorities include Georgia, Florida, South Carolina, Montana, and New Mexico, as well as some nationwide programs. \$800,000 for energy and climate, including about \$250,000 for biofuels. \$500,000 for air quality (much of this work relates to energy). [More information](#)

Great Lakes Protection Fund

The interest of the Great Lakes Protection Fund is to assure that water issues related to the ecological health of the Great Lakes basin remain in the foreground of any transition to biofuel cropping, transportation, and refining. The foundation is paying attention to biofuels as it touches on existing work in ecological health. Returned \$1.6 million to member states in 2005 and paid \$2.8 million for regional projects. It lists 26 active projects in 2005. [More Information](#)

The Joyce Foundation

The Joyce Foundation's focus is on energy from clean coal. It committed \$7 million over three years (2005-2007) to ensure that the next generation of Midwest coal plants use state-of-the-art technology to minimize climate change and pollution. Total given to environment was just over \$6.2 million for 37 projects in 2005. The average grant size was \$168,000, with a range of \$42,000 to \$787,000. [More Information](#)

United Nations Foundation / Better World Fund

The United Nations Foundation and its sister organization, the Better World Fund, support the Energy Future Coalition to promote leadership on climate change and U.S. domestic energy policy. The Energy Future Coalition is a broad-based, nonpartisan alliance that seeks to bridge the differences among business, labor, and environmental leaders and to identify energy policy options with broad political support. The UN Foundation will provide about \$2 million to the Energy Future Coalition (EFC) in 2006. The UNF and the EFC will each spend an addition \$1 million on energy and climate, for a combined total of about \$4 million. UNF is spending about \$750,000 on international biofuels development. About \$250,000 of EFC's work is focused directly on biofuels, with much of the rest of the budget indirectly supporting biofuels as one of the leading renewable alternatives. [More Information](#)

Nathan Cummings Foundation

Nathan Cummings has a related program area in Environment & Contemplative Practice. The foundation seeks to foster sustainability and environmental justice by supporting the accountability of corporations, governments, and other institutions for their environmental practices. In energy, support has focused on the Apollo Project's national, regional, and statewide projects to spark action and policy development in renewable energy and efficiency. Annual support to Apollo Project energy work this year was about \$400,000 for national work, and about \$250,000 for regional efforts, for a total of close to \$750,000 per year. [More Information](#)

Pioneer Hi-Bred International's Community Investment -- *Proposals Accepted on a Continual Basis*

Pioneer Hi-Bred International's Community Investment Program supports efforts to improve the quality of life in the communities where the company's customers and employees live and work worldwide, including locations in the United States and Canada. In the U.S., the company supports nonprofit organizations that address science education, agriculture, and farm safety. In Canada, the focus is on agriculture and conservation, education and leadership development, rural health and welfare, and heritage preservation and the arts in rural communities. Priority is given to nonprofit organizations located in Pioneer facility communities or rural agricultural regions. [More Information](#)

Federal Opportunities continued....

Bill & Melinda Gates Foundation -- *Proposals Requested through specific RFPs*

They look for projects that; help reduce inequities in neglected areas; produce measurable results; catalyze increased momentum, scale, and sustainability of change; collaborate with government, philanthropic, private-sector, and not-for-profit partners; favor preventative approaches; leverage support from other sources; advance our current strategies, accelerating the work we are already supporting. [More Information](#)

Charles A. and Anne Morrow Lindbergh Foundation

--- *Applications due the second Thursday of June in the year preceding the awarding of funds*

Each year, The Charles A. and Anne Morrow Lindbergh Foundation provides grants of up to \$10,580 (a symbolic amount representing the cost of the *Spirit of St. Louis*) to men and women whose individual initiative and work in a wide spectrum of disciplines furthers the Lindberghs' vision of a balance between the advance of technology and the preservation of the natural/human environment. [More Information](#)

Jessie Smith Noyes Foundation -- *Proposals Accepted on a Continual Basis*

The mission of the Jessie Smith Noyes Foundation is to promote a sustainable and just social and natural system. The Foundation provides support to grassroots organizations nationwide through several grant making programs. The Protect the Health and Environment of Communities Threatened by Toxics program supports organizations that work on toxics exposure and contamination. The Advance Environmental Justice program supports organizations that strive to counter environmental degradation in low-income communities and communities of color. The Promote a Sustainable Agricultural and Food System program provides grants to rural and urban organizations that work with farmers and consumers on issues involving sustainable agriculture and community food security. [More Information](#)

Skoll Foundation -- *Applications Received Year Round*

The requests proposals for Social Entrepreneurship Awards, for social entrepreneurs whose work has the potential for large-scale influence on critical challenges of our time in the areas of environmental sustainability, health, tolerance and human rights, institutional responsibility, economic and social equity, peace and security. These awards provide later-stage funding, which is generally structured as a \$1 million award paid out over three year.

In most cases, the grant is provided for core support to help organizations expand their programs and capacity to deliver long-term, sustainable equilibrium change. [More Information](#)

Surdna Foundation -- *Two-stage application process - letter of inquiry and full proposal upon request*

The foundation makes grants in the areas of environment, community revitalization, effective citizenry, the arts and the nonprofit sector, with annual grant making of approximately \$37 million [More Information](#)

Cottonwood Foundation -- *Invitation from Foundation for Partnership Needed*

Cottonwood Foundation has a very limited amount of funding available, and will only award grants to organizations that meet all four of the following criteria: protect the environment, promote cultural diversity, empower people to meet their basic needs, and rely on volunteer efforts. [More Information](#)

Oak Foundation -- *Letters of inquiry received throughout the year*

Oak Foundation commits its resources to address issues of global social and environmental concern, particularly those that have a major impact on the lives of the disadvantaged. [More Information](#)

Rudolf Steiner Foundation -- *Applications Received Year Round*

RSF Social Finance provides socially responsible investors, donors, for-benefit organizations, and social enterprises innovative investing, lending, and philanthropic services to promote environmental, social, and economic sustainability. When you join us, your investment, gift, or loan is leveraged to impact a broad spectrum of issues and to support projects that ensure a better future. [More Information](#)

Whole Systems Foundation -- *Letters of inquiry received throughout the year*

Whole Systems accepts a limited number of grant proposals each year. We fund projects related to the environment and living sustainably on the Earth. We take a broad view of the world situation, and seek to insert a small but useful financial boost where we see that we have the most leverage for change. [More information](#)

Foundation of Ecological Use of Energy -- *Grant Proposals received throughout the year*

The Ecology Foundation charitable foundation formed for the purpose of supporting research that explores the viability and potential commercialization of various inventions that will increase energy efficiency and ultimately reduce environmental problems facing mankind. [More Information](#)

Environmental Support Center -- *Applications Due the First Day of Each Month*

Strengthens grassroots environmental nonprofits with training and organizational assistance, donations of technology, fundraising loans and other services. Provides funds on a reimbursable basis for organizations to hire consultants or to attend capacity building training events. Capacity building is work that increases a group's ability to achieve its mission and build long-term organizational sustainability. [More Information](#)

Environmental Grant Making Foundations

A comprehensive list of foundations that support environmental nonprofit activities and programs. The publication can be purchased for \$115. The directory is a comprehensive guide to over 900 foundations that fund environmental projects. These foundations give approximately \$1 billion for environmental purposes annually. The 11th edition includes 234 members of the Environmental Grant makers Association plus nearly 700 foundations that give environmental grants. [More Information](#)