

CLEAN ENERGY AND ENERGY INDEPENDENCE FUNDING OPPORTUNITIES/INCENTIVES

Updated December 14, 2009

WISCONSIN OPPORTUNITIES

Special Agriculture Facilities – Responses due December 18, 2009

The State of Wisconsin, through the Department of Agriculture, Trade and Consumer Protection, is administering a one time grant program for special agricultural facilities. In accordance with the budget, grant proposals will be accepted in any of the following areas: (1) From a dairy cooperative with headquarters in this state for the construction of additional cheese making facilities with capacity to enable the processing of an additional 1.5 million pounds of milk per day; (2) For the manufacturing of anaerobic digesters that are cost effective for small farms; and (3) For the diversification of cheese making capabilities.

[More Information](#)

Energy Efficiency and Conservation Block Grant: Statewide Outreach and Education Program –

Responses Due December 22, 2009

As part of its work, OEI administers Wisconsin's State Energy Program and a suite of energy related programs, including the Energy Efficiency Conservation Block Grant (EECBG), funded by the America Recovery and Reinvestment Act (ARRA) of 2009. The Outreach and Education (O&E) component of the EECBG seeks to affect a paradigm shift around the way energy is used in Wisconsin through the development of a statewide, publicly accessible, replicable education program. The O&E program(s) funded through this announcement will develop an educational program complementary to existing efforts in Wisconsin by OEI, utilities, environmental groups, university programs, and Focus on Energy. [More Information](#)

****NEW** Biomass Procurement Modeling Contractor Responses Due December 22, 2009**

The Wisconsin Office of Energy Independence (OEI) has received a U.S. Department of Energy grant titled "Achieving Gigawatt Scale Clean Energy Capacity" to create significantly more renewable energy capacity in the electric generation sector of Wisconsin's energy resources by helping convert the state's 25 oldest, smallest coal-fired boilers to biomass boilers; and developing a plan for a state energy authority to finance renewable energy projects. OEI is seeking a contractor to assist in developing model biomass procurement contracts for this project. Contractor must have 5 years experience in developing biomass procurement contracts. Deliverables include 1) Research existing biomass procurement contracts currently available; and 2) Prepare a model biomass procurement agreement that allows for the purchase of a wide range of biomass feedstocks (woody and agricultural fuels). Please email or mail a signed letter of interest to maria.redmond@wisconsin.gov, listing biomass procurement qualifications and a bid (\$) for the work listed above.

****NEW** Wisconsin Clean Transportation Program: Alternative Fuel Vehicles and Infrastructure Technical Assistance - Responses Due December 30, 2009**

The Wisconsin Office of Energy Independence, in partnership with Wisconsin Clean Cities – Southeast Area, request proposals to acquire assistance in fulfilling the goals of the Wisconsin Clean Transportation Program. The Wisconsin Clean Transportation Program is a new initiative supported through the U.S Department of Energy's Clean Cities FY09 Petroleum Reduction Technologies Programs for the Transportation Sector funded through the American Recovery and Reinvestment Act (ARRA). The program seeks technical assistance in three areas: AFV and infrastructure fleet assistance; ARRA required data collection, and project marketing and outreach.

[More Information](#)

****NEW** Clean Water Fund Program (including Hardship Financial Assistance and Small Loans) –**

Intent to Apply Due December 31, Responses Due June 30, 2010 for hardship projects, no due date of other projects

The Clean Water Fund Program (CWFP) is one of the subsidized loan programs included in the Environmental Improvement Fund (EIF). The CWFP provides loans to municipalities for wastewater treatment and urban storm water projects. Most CWFP projects receive a subsidized [interest rate](#) of either 55%, 65%, or 70% of the EIF market interest rate. CWFP wastewater projects that meet certain criteria may be eligible to receive [Hardship Financial Assistance](#), which may be in the form of a lower interest rate loan or include a grant. Municipalities constructing wastewater projects with a total project cost of less than \$1,000,000 may be interested in the [Small Loan](#) portion of the CWFP.

[More Information](#)

****NEW** Safe Drinking Water Loan Program – Intent to Apply Due December 31, 2009; Responses Due April 30, 2010**

The Safe Drinking Water Loan Program (SDWLP) provides loans to public water systems to build, upgrade, or replace water supply infrastructure to protect public health and address federal and state safe drinking water requirements. The DNR is the primary administrator and the Department of Administration (DOA) is the financial manager for this program. [More information](#)

****NEW** Landowner Incentive Program - Responses Due January 10, 2010**

The primary goal of LIP is to help private landowners create and manage habitat for at-risk (rare) species that are rare and/or declining. We do this by providing advice, management plans, and cost-share funding to individuals and organizations proposing projects on private lands throughout the state. [More Information](#)

Wisconsin Opportunities continued....

ONGOING

Recovery Act – Clean Energy Business Loan Program - Wisconsin State Energy Program (SEP) Funding

Wisconsin will strategically deploy \$55 million in SEP-ARRA funds to support clean energy business development. Governor Doyle has directed that projects funded from SEP-ARRA dollars are both effective and enduring. Creation of jobs in the short term is the immediate goal of SEP-ARRA; but, in addition, the program goals are to invest in projects that will ensure not only short-term job creation, but development of businesses that will create clean energy jobs for decades. Manufacturing is a critical industry in Wisconsin, which leads the U.S. in percentage of non-farm employment. Specifically, the program will target low-interest loans to businesses that promote:

- major renewable energy production projects;
- the manufacture of clean energy products;
- advanced manufacturing of clean energy components;
- retooling to provide component parts and other critical needs for a successful, totally integrated supply chain;
- improving industrial users' competitiveness through energy efficiency and renewable energy deployment.

A key objective with SEP-ARRA funds is to leverage private sector investment. [More Information](#)

****NEW** Wisconsin Department of Tourism – Joint Effort Marketing (JEM) Grant Program**

For nearly 20 years now, the Department of Tourism has been giving grants to keep Wisconsin's tourism industry strong and growing. These days, Joint Effort Marketing Grants top out at \$1.13 million annually. To be funded, projects must show they'll generate an increase in the number of visitors and dollars brought into the local area. Find out if your promotion falls into one of these categories: Destination marketing, New Event, Sale Promotion, Existing Event, and one-time, one-of-a-kind. Eligible Expenses include things like e-mail marketing, print and broadcast ads, direct mail, publicity, and billboards. [More Information](#)

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](#)

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.

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](#)

Wisconsin Opportunities continued....

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](#)

Got Moola

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](#)

We Energies

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

Wisconsin Entrepreneurs' Network

Wisconsin Entrepreneurs network (WEN) can help you with funding and growth opportunities; commercial viability of technologies and products; strategic business and marketing plans and federal research and development funding sources. WEN provides seamless access to the statewide network of entrepreneurial resources and expertise to create new ventures; help grow existing business; and move forward high potential entrepreneurs to enable Wisconsin to be competitive in a global economic environment. WEN is an initiative of the Governor's Grow Wisconsin Plan and ACT 255. [More Information](#)

****NEW** Financial Resource Guide for Cleanup and Redevelopment**

The new, updated version of the Financial Resource Guide for Cleanup and Redevelopment is now available. This publication provides informative summaries on more than 60 grants, loans, tax incentives and reimbursement programs, and includes a quick reference chart, how-to guide and additional web sites to help readers fund their brownfield redevelopment projects. [More Information](#)

****NEW** Wisconsin Financial Incentives for the Production of Clean Energy**

A comprehensive guide to Wisconsin financial incentives for clean energy projects. [More Information](#)

****NEW** Wisconsin Energy Efficiency Improvement Loans - Property Tax Financing Authorization**

Property tax financing" allow property owners to borrow money to pay for energy improvements. The amount borrowed is repaid through an increased property tax assessment over a period of years. Wisconsin enacted legislation in May 2009 that redefined how local governments may assess taxes and charge for services. Local governments may offer property tax financing for renewable energy and energy-efficiency projects proposed by property owners. Eligible projects and repayment terms are determined by participating local governments. Contact your local government to find out if financing is available for renewable energy and/or energy efficiency through special property tax assessments. [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

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](#)

AGRICULTURE

****NEW** Organic Agriculture Initiative - Responses Due February 9, 2010**

The U.S. Department of Agriculture requests proposals for the Organic Agriculture Research and Extension Initiative. This program will support projects that enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. Projects that emphasize research and outreach that assist farmers and ranchers with whole farm planning and ecosystem integration are of particular interest. \$19 million expected to be available, individual awards not to exceed \$3 million. [More Information](#)

BIOMASS

****NEW** Biotechnology, Biochemical, and Biomass Engineering - Responses Due February 15, 2010**

The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This program addresses fundamental problems involved in the processing and manufacturing of products of economic importance by effectively utilizing renewable resources of biological origin and bioinformatics originating from genomic and proteomic information. [More Information](#)

Federal Opportunities continued....

****NEW** Plant Feedstock Genomics for Bioenergy -
Responses Due February 18, 2010**

The U.S. Department of Energy's Office of Science, Office of Biological and Environmental Research (OBER), and the U.S. Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA), hereby announce their interest in receiving applications for genomics-based research that will lead to the improved use of biomass and plant feedstocks for the production of fuels such as ethanol or renewable chemical feedstocks. Specifically, applications are sought for fundamental research on plants that will improve biomass characteristics, biomass yield, or sustainability. Systems biology approaches to identify genetic indicators enabling plants to be efficiently bred or manipulated, or research that yields fundamental knowledge of the structure, function and organization of plant genomes leading to improved feedstock characterization and sustainability are also encouraged. [More Information](#)

CARBON SEQUESTRATION AND STORAGE

****NEW** Innovative Materials & Processes for
Advanced Carbon Capture Technologies (IMPACCT) -
Responses Due January 15, 2010**

While coal is a cheap and abundant resource, the continued reliance upon coal as an energy source could potentially have serious consequences in terms of global warming. The objective of this topic is to fund high risk, high reward research efforts that will revolutionize technologies that capture carbon dioxide from coal-fired power plants, thereby preventing release into the atmosphere. ARPA-E seeks to complement existing DOE efforts in the field of carbon capture, led by the Office of Fossil Energy and National Energy Technology Laboratory, by accelerating promising ideas from the basic research stage towards large-scale demonstrations and ultimately, commercialization. Areas of interest include: low-cost catalysts to enable systems with superior thermodynamics that are not currently practical due to slow kinetics; robust materials that resist degradation from caustic contaminants in flue gas; and advanced capture processes that dramatically reduce the parasitic energy penalties and corresponding increase in the cost of electricity required for carbon capture. [More Information](#)

COMMUNITIES

***ALSO SEE RURAL DEVELOPMENT**

****NEW** Recovery Act: Energy Efficiency and
Conservation Block Grants: Retrofit Ramp-up and
General Innovation Fund Programs - Responses Due
December 14, 2009**

This FOA will use up to \$453.72 million in Recovery Act Energy Efficiency and Conservation Block Grant (EECBG) funds for competitive grants awarded in two (2) topic areas. Topic 1, the Retrofit Ramp-up Program and Topic 2, The General Innovation Fund, is for competitive grants that are reserved for units of local government and state-recognized tribes not eligible for direct formula grants, as per the Energy Independence and Security Act of 2007 requirements. The goal of this competitive FOA is to stimulate activities that move beyond traditional public awareness campaigns, program maintenance, demonstration projects, and other one-time strategies and projects. [More information](#)

ENERGY EFFICIENCY

**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](#)

ENVIRONMENTAL

**Urban and Community Forestry Challenge – Pre-
proposals (required) due December 15, 2009; Final
Responses Due March 17, 2010**

The U.S. Department of Agriculture requests proposals for the National Urban and Community Forestry Challenge Cost Share Grant Program. This program supports urban and community forestry projects that will demonstrate the reach, resources, and expertise needed to address four priority areas in ways that lead to meaningful, replicable results. Priority areas include: Energy Conservation, Climate Change, Public Health, and Green Infrastructure Assessment. \$900K expected to be available, up to 10 awards anticipated. [More Information](#)

****NEW** Technical Assistance and Support for
Improved Ground Water Protection Grant - Responses
Due December 18, 2009**

The U.S. Environmental Protection Agency (EPA) is soliciting applications from eligible applicants for technical assistance and support that will enhance communication and coordination between EPA and the states to protect ground water. The technical assistance and support are related to activities that will develop and expand the capability of state Underground Injection Control (UIC) programs (Class I-V and proposed Class VI), tribes with UIC primary enforcement authority (primacy), and source water protection (with an emphasis on ground water protection) programs. The successful applicant will provide leadership and support in assisting states and tribes with UIC primacy in highlighting UIC and source water protection issues, prioritizing these issues, and formulating potential strategies for solutions and recommendations to states. [More Information](#)

Federal Opportunities continued....

****NEW** Tribal Nonpoint Source Management Grants**
- Responses Due December 18, 2009

The U.S. Environmental Protection Agency requests proposals from Indian Tribes and Intertribal Consortia for Nonpoint Source (NPS) Management Grants. This program supports the development and/or implementation of watershed-based plans and other on-the-ground projects that will result in significant steps towards solving NPS impairments on a watershed-wide basis. NPS pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and human-made pollutants, finally depositing them into lakes, rivers, wetlands, coastal waters, and underground sources of drinking water. Some of these pollutants include: Bacteria and nutrients from livestock, pet wastes, and faulty septic systems; excess fertilizers, herbicides, and insecticides from agricultural lands and residential areas; oil, grease, and toxic chemicals from urban runoff and energy production. \$4 million expected to be available, up to 30 awards anticipated. [More Information](#)

Water and Wastewater – Responses Due December 31, 2009

The U.S. Department of Agriculture requests proposals for the Technical Assistance and Training (TAT) Grant Program. This program supports projects that identify and evaluate solutions to water and waste disposal problems in rural areas, assist applicants in preparing applications for water and waste grants made at the State level offices, and improve O&M of existing water and waste disposal facilities in rural areas. \$17 million expected to be available, up to 11 awards anticipated. [More Information](#)

Solid Waste Management – Responses Due December 31, 2009

The U.S. Department of Agriculture requests proposals for the Solid Waste Management Grant Program. This program supports projects that assist communities through free technical assistance and/or training geared towards reducing or eliminating pollution of water resources in rural areas, and improve planning and management of solid waste sites in rural areas. \$3.4 million expected to be available, up to 40 awards anticipated. [More Information](#)

7th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet Grant - Responses Due January 5, 2010

The U.S. Environmental Protection Agency requests proposals for the 7th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet. P3 supports R&D and design solutions to real world challenges involving the overall sustainability of human society. Areas of interest include: Energy, Built Environment, Materials and Chemicals, Water, and Agriculture. \$850K expected to be available, up to 46 awards anticipated. [More Information](#)

Clean Vessel Act Grant Program - Responses Due January 8, 2010

Recreational boating is a popular activity in the U.S. There are approximately 13 million registered boats in the U.S., and each year approximately 70 million people enjoy a host of water-based recreational opportunities, such as fishing, cruising, waterskiing, and spending time with family and friends. Many recreational boats are equipped with on-board toilets and wastewater holding tanks. Proper disposal of recreational boat-related sewage is important in preserving and improving water quality in the country's vital aquatic ecosystems. CVA provides States, the District of Columbia, Commonwealths, and territories with federal funding to support their ongoing efforts to improve recreational boating opportunities and provide boaters with the clean, efficient facilities to preclude disposing of waste into public waterways and other ecosystems. [More Information](#)

****NEW** Environmental Justice Small Grants Program - Responses Due January 8, 2010**

Historically, the Environmental Justice Small Grants Program (EJSG) is designed to provide funding for eligible applicants working on, or planning to work on, a project that addresses a local environmental and public health issue within an affected community. The EJSG Program is a multi-statute program designed to help communities understand and address their exposure to multiple environmental harms and risks. [More Information](#)

****NEW** Great Lakes Restoration Initiative Request for Proposals - Responses Due January 29, 2010**

The President and the U.S. Environmental Protection Agency (EPA), in conjunction with 15 other federal agencies, have made restoring the Great Lakes a national priority. The Initiative builds on the prior efforts of agency, business, public interest, and other leaders which resulted in the Great Lakes Regional Collaboration Strategy (GLRC Strategy) and the Great Lakes Restoration Initiative Action Plan now being developed. This RFP represents EPA's major competitive grant funding opportunity under the Initiative and is one of several funding opportunities described in the Initiative's Interagency Funding Guide. This RFP, in conjunction with other funding opportunities under the Initiative, will be used to competitively provide funding to eligible entities to address the most significant Great Lakes ecosystem problems and efforts in five major focus areas: • Toxic Substances and Areas of Concern • Invasive Species • Nearshore Health and Nonpoint Source Pollution • Habitat and Wildlife Protection and Restoration • Accountability, Education, Monitoring, Evaluation, Communication and Partnerships, including the implementation of goal- and results-based accountability measures, learning initiatives, outreach and strategic partnerships. [More Information](#)

****NEW** Reducing Methane from Landfills— Responses Due February 2, 2010**

The U.S. Environmental Protection Agency announces its intent to request proposals for Technical and Outreach Support Services for Reducing Emissions from Landfills. The contractor will support the mission of the Landfill Methane Outreach Program, a voluntary assistance program that helps to reduce methane from landfills by encouraging the recovery and use of landfill gas as a renewable, green energy source. [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 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](#)

Climate Research - Ongoing

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](#)

GREEN JOBS/TRAINING/ECONOMIC DEVELOPMENT

****NEW-ARRA** Recovery Act - Weatherization Assistance Program Training Centers and Programs Grant – Responses Due January 21, 2010**

The objective of this FOA is to develop new or expand existing weatherization training centers and training programs. DOE will work with the selected entities to develop low-income weatherization training centers or programs that provide accelerated, standardized, and multi-tiered weatherization training. [More Information](#)

****NEW** FY2010 National Network for Environmental Management Studies (NNEMS) Fellowship Program Grant – Responses Due February 5, 2010**

In recognition of the growing interest in environmental issues and careers, the United States Environmental Protection Agency (EPA) established the National Network for Environmental Management Studies (NNEMS) Fellowship Program in 1986 to encourage students to pursue environmental careers. The NNEMS program is a comprehensive fellowship program that provides students an opportunity to participate in a fellowship project that is directly related to their field of study. [More Information](#)

****NEW** 1890 Land Grant Capacity Building - Responses Due February 8, 2010**

The U.S. Department of Agriculture requests proposals from 1890 Land-Grant Institutions (http://www.csrees.usda.gov/qlinks/partners/state_partner_s.html), for 1890 Institution Education, Research and Extension Capacity Building Grants. This program seeks to build institutional capacity through stimulating the development of high quality education, research and extension programs that will produce a professional work force in the food and agricultural sciences. High priority areas include, but are not limited to: Bio-energy/Biofuel; Sustainable Agriculture; and Global Climate Change. \$35 million expected to be available. [More Information](#)

****NEW** Cooperative Activity with Department of Energy Programs for Education and Human Resource Development (Request for Supplement) - Responses Due March 8, 2010**

This is a cooperative effort between NSF and the Department of Energy (DoE) Office of Science. To support the continued leadership of the United States in science, technology, engineering, and mathematics (STEM) and the continued development of a competitive, diverse STEM workforce, NSF and DoE are implementing collaboration between the agencies' programs for the development of human resources in STEM. NSF and DoE will support students and faculty from eligible NSF projects (based on competitive Merit Review and availability of funds) who are accepted as participants in one of four DoE initiatives that provide hands-on research opportunities in DoE national laboratories during the summer: Science Undergraduate Research Internships (SULI), Faculty and Student Teams (FaST), Community College Institute of Science and Technology (CCI), and Pre-Service Teacher (PST) Internships. [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](#)

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....

Economic Development Assistance Programs - Ongoing

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. 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](#)

HYDROGEN/FUEL CELL

****NEW** Fuel Cell Demonstration – Required Pre-Proposal Due December 30, 2009**

The U.S. Army and the U.S. Department of Energy request proposals for a Federal-Wide Backup Power PEM Fuel Cell Demonstration. Work would include supply of turn-key packages for the installation, operation, maintenance, monitoring, and removal/site restoration of domestically-produced PEM fuel cell(s) as backup power supplies at various locations across the U.S. to research the applicability of fuel cells in federal applications and to build a database of operational data. [More Information](#)

INTERNATIONAL

Energy Business Opportunities/Exporting Energy Products to/in China - Ongoing

The U.S. Commercial Service in China is a strategic advisor and sponsor of The China Greentech Initiative, a collaboration among green technology companies and organizations that endeavors to uncover, create and promote greentech opportunities in China.. [More Information](#)

LOAN GUARANTEES/OTHER FINANCIAL SUPPORT

****NEW** Federal Loan Guarantees For Commercial Technology Renewable Energy Generation Projects Under The Financial Institution Partnership Program – Part I Submissions may be filed at any time prior to the filing of a Invited Part II Submission Due Dates, January 7, 2010; February 22, 2010; April 8, 2010; May 24, 2010; July 8, 2010; August 23, 2010; October 7, 2010; November 22, 2010; January 6, 2011**
This solicitation announcement invites the submission of applications from Lender-Applicants for partial, risk-sharing loan guarantees from the United States Department of Energy in support of debt financing for renewable energy systems, including incremental hydropower, that generate electricity or thermal energy by using Commercial Technology and that are located in the United States. [More Information](#)

****DUE DATE EXTENDED** Recovery Act - Federal Loan Guarantees for Electric Power Transmission Infrastructure Investment Projects – Responses Due September 11, 2011**

This solicitation announcement invites the submission of applications for loan guarantees from the United States Department of Energy in support of debt financing for Transmission Infrastructure Investment Projects to create a new program for rapid deployment of renewable energy and electric power transmission projects. Loan guarantees issued for certain renewable energy systems, electric transmission systems and leading edge biofuels projects. [More Information](#)

****DUE DATE EXTENDED** Recovery Act - Federal Loan Guarantees For Projects That Employ Innovative Energy Efficiency, Renewable Energy, And Advanced Transmission and Distribution Technologies – Responses Due September 11, 2011**

This solicitation announcement invites the submission of applications for loan guarantees in support of debt financing for projects in the United States that employ energy efficiency, renewable energy, and advanced transmission and distribution technologies that constitute New or Significantly Improved Technologies. Loan guarantees issued are intended to facilitate accelerated commercialization of energy efficiency, renewable energy and advanced transmission and distribution technologies. [More information](#)

Recovery Act - Payments in Lieu of Tax Credits for Specified Energy Property - Ongoing

With the goal of expanding development of renewable energy projects throughout the United States and creating new jobs, the U.S. Department of Energy and the U.S. Department of the Treasury today announced they are now accepting applications for a program that will make direct payments in lieu of tax credits to companies that create and place in service renewable energy facilities. The two Departments estimate distributing at least \$3 billion in financial support to approximately 5,000 bio-mass, solar, wind, and other types of renewable energy production facilities. The funding for this effort is made available through the American Recovery and Reinvestment Act. The Recovery Act authorized Treasury to make direct payments to companies that create and place in service renewable energy facilities beginning January 1, 2009. Previously, these companies could file for a tax credit to cover a portion of the renewable energy project's cost; under the new program, applicants would agree to forgo future tax credits in favor of an immediate reimbursement of a portion of the property expense. [More Information](#)

RESEARCH

****NEW** Department of Homeland Security - Small Business Innovative Research Program Phase I - Responses Due January 4, 2010**

The U.S. Department of Homeland Security requests proposals from small businesses for the Small Business Innovative Research Program, Phase I. Areas of interest include, but are not limited to, Rechargeable, High Efficient, and High Capacity Energy Storage. [More Information](#)

Federal Opportunities continued....

****NEW** Electrofuels - Responses Due January 15, 2010**

ARPA-E is seeking new ways to make liquid transportation fuels - without using petroleum or biomass - by using microorganisms to harness chemical or electrical energy to convert carbon dioxide into liquid fuels. Many methods of producing advanced and cellulosic biofuels are under development to lessen our dependence on petroleum and lower carbon emissions. Most of the methods currently under development involve converting biomass or waste, while there are also approaches to directly produce liquid transportation fuels from sunlight and carbon dioxide, typically using photosynthesis. The objective of this topic is to develop an entirely new paradigm for the production of liquid fuels that could overcome the challenges associated with current technologies. Multiple awards expected. [More Information](#)

Building Engineered Complex Systems - Responses Due January 19, 2010

The National Science Foundation requests proposals for Building Engineered Complex Systems. This initiative will support small teams of innovative engineers and mathematical scientists to seek and develop a theoretical basis of complex systems, with the aim of developing formal methods for the design of engineered complex systems. Examples included, but were not limited to: Power grids, manufacturing and service enterprises, and environmental systems. \$4 million expected to be available, up to 20 awards anticipated. [More Information](#)

****NEW** National Institute of Food and Agriculture International Science and Education Grants Program - Responses Due January 28, 2010**

The International Science and Education Competitive Grants Program (ISE) supports research, extension, and teaching activities that will enhance the capabilities of American colleges and universities to conduct international collaborative research, extension and teaching. ISE projects are expected to enhance the international content of curricula; ensure that faculty work beyond the U.S. and bring lessons learned back home; promote international research partnerships; enhance the use and application of foreign technologies in the U.S.; and strengthen the role that colleges and universities play in maintaining U.S. competitiveness. [More Information](#)

****NEW** Power, Controls and Adaptive Networks - Responses Due February 7, 2010**

The National Science Foundation requests proposals for Power, Controls and Adaptive Networks. This program supports distributed control of multi-agent systems with embedded computation for sensor and adaptive networks. This program emphasizes electric power networks and grids, including generation, transmission and integration of renewable, sustainable and distributed energy systems, such as fuel cells and micro-turbines in large power networks; high power electronics and drives; and understanding of associated regulatory and economic structures. The program also emphasizes energy scavenging and alternative energy technologies, including solar cells, ocean waves, wind, geothermal, low-head hydro, and the hydrogen economy. In addition, the program supports generation and integration in the National Grid (InterGrid), and interdependencies of critical infrastructure in power and communications. [More Information](#)

***NEW* Engineering Design and Innovation -**

Responses Due February 15, 2010

The National Science Foundation requests proposals for Engineering Design and Innovation. The program focus is on gaining an understanding of the basic processes and phenomena underlying a holistic, life-cycle view of design where the total system life-cycle context recognizes the need for advanced understanding of the identification and definition of preferences, analysis of alternatives, effective accommodation of uncertainty in decision-making, and the relationship between data and knowledge in a digitally-supported process. [More Information](#)

****NEW** Sensors and Sensing Systems - Responses Due February 15, 2010**

The National Science Foundation requests proposals for Sensors and Sensing Systems. This program supports fundamental research on advanced actuators, sensors, wireless sensor networks, new materials and concepts for sensing applications, power generation and energy supply for sensors and sensing systems. [More Information](#)

****NEW** Structural Materials and Mechanics -**

Responses Due February 15, 2010

The National Science Foundation requests proposals for Structural Materials and Mechanics. This program supports fundamental 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, their response to mechanical, hydrothermal and time-dependent loads, and their impact on life-cycle performance and sustainable development of the civil infrastructure. [More Information](#)

****NEW** Materials and Surface Engineering -**

Responses Due February 15, 2010

The National Science Foundation requests proposals for Materials and Surface Engineering. This program 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. [More Information](#)

****NEW** Materials Processing and Manufacturing -**

Responses Due February 15, 2010

The National Science Foundation requests proposals for Materials Processing and Manufacturing. This program supports fundamental research on the interrelationship of materials processing, structure, performance and process control. [More Information](#)

****NEW** Mechanics of Materials - Responses Due**

February 15, 2010

The National Science Foundation requests proposals for Mechanics of Materials. This program supports fundamental research on solid mechanics including theoretical, analytical, and computational approaches, model-based simulation, and the development of constitutive models. [More Information](#)

Federal Opportunities continued....

****NEW** Manufacturing and Construction Machines and Equipment**— *Responses Due February 15, 2010*

The National Science Foundation requests proposals for Manufacturing and Construction Machines and Equipment. This program 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. [More Information](#)

****NEW** Research in Integrated Assessment Inter-Model Development, Testing, and Diagnostics** - *Responses Due March 1, 2010*

The Office of Biological and Environmental Research (BER) of the Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving grant applications for Research in Integrated Assessment Inter-Model Development, Testing, and Diagnostics under the Integrated Assessment Research Program (IARP). To strengthen the scientific foundations upon which Integrated Assessment models are built, DOE is requesting applications for a single, coordinated research effort that will: 1) advance progress on a select set of major scientific challenges in the field of Integrated Assessment that are widely recognized and confronting the major Integrated Assessment modeling teams, 2) advance methods and capabilities for inter-model testing and diagnostics, and 3) enhance capabilities for multi-model, "ensemble-like" analyses for improved insights in science studies and science-based analyses. [More Information](#)

****NEW** Energy for Sustainability** - *Responses Due March 3, 2010*

The National Science Foundation requests proposals for Energy for Sustainability. This program supports fundamental research and education in energy production, conversion, and storage and is focused on energy sources that are environmentally friendly and renewable. Sources of sustainable energy include: Sunlight, Wind/Wave, Biomass, and Geothermal. [More Information](#)

****NEW** Environmental Engineering** - *Responses Due March 3, 2010*

The National Science Foundation requests proposals for Environmental Engineering. The goal of this program is to encourage transformative research which applies scientific principles to minimize solid, liquid, and gaseous discharges into land, inland and coastal waters, and air that result from human activity, and to evaluate adverse impacts of these discharges on human health and environmental quality. [More Information](#)

****NEW** Environmental Sustainability** - *Responses Due March 3, 2010*

The National Science Foundation requests proposals for Environmental Sustainability. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-being and that are also compatible with sustaining natural systems. Research in Environmental Sustainability typically considers long time horizons and may incorporate contributions from the social sciences and ethics. [More Information](#)

****NEW** Environmental Implications of Emerging Technologies** - *Responses Due March 3, 2010*

The National Science Foundation requests proposals for Environmental Implications of Emerging Technologies. This program provides support to develop and test the environmental effects of new technologies. The program also supports research on the development and refinement of sensors and sensor network technologies. [More Information](#)

****NEW** Biosensing** - *Responses Due March 3, 2010*

The National Science Foundation requests proposals for Biosensing. This program supports innovative, transformative, and insightful investigations of fundamental problems with broad long term impact and applications that require novel use of bio-inspired engineering principles and sophisticated devices to meet the engineering and technology needs of the nation. [More Information](#)

****NEW** Thermal Transport** - *Responses Due March 3, 2010*

The National Science Foundation requests proposals for Thermal Transport Processes. This program supports engineering research aimed at gaining a basic understanding of the microscopic and macroscopic levels of thermal transport phenomena (heat and mass transfer) in energy conversion and conservation, the synthesis and processing of materials, cooling and heating of infrastructure and equipment, the interaction of industrial processes with the environment, the propulsion of air and land-based vehicles, and thermal phenomena in biological and environmental systems. [More Information](#)

****NEW** Portable Energy Sources** - *Responses Due April 1, 2010*

The Defense Advanced Research Projects Agency requests proposals for Limits of Thermodynamic Storage of Energy. This program will support the development of revolutionary new approaches to portable energy sources. [More Information](#)

****NEW** Supplemental Opportunity for SBIR/STTR Memberships in I/UCRCs Grant** - *Responses Due May 31, 2010*

NSF invites supplemental requests for Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) grantees to join an Industry/University Cooperative Research Center (I/UCRC). The supplements are intended to accelerate the innovation process by partnering industry-relevant academic research with commercialization focused small business research. The supplements will enable small businesses to purchase annual memberships in I/UCRCs; thus opening the doors to the benefits of the centers; collaborative research endeavors, which are directed to the needs of specific industries. [More Information](#)

Federal Opportunities continued....

****NEW** Solid State and Materials Chemistry -
Responses Due October 31, 2010**

The National Science Foundation requests proposals for Solid State and Materials Chemistry. This program supports basic research in solid state and materials chemistry comprising the elucidation of the atomic and molecular basis for material development and properties in the solid state from the nanoscale to the bulk. Areas of interest include, but are not limited to: Innovative approaches to design, synthesis, bulk crystal and/or film growth, and characterization of novel organic, inorganic, and hybrid materials, as well as liquid crystal materials and multi-component material systems exhibiting new phenomena and/or providing new scientific insights into structure/composition/property relationships in the solid state. [More Information](#)

**Basic and Applied Scientific Research - Proposals
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](#)

RURAL DEVELOPMENT

**Disaster Resilience for Rural Communities - Responses
Due January 20, 2010**

The U.S. Department of Agriculture provides funding for fundamental and applied research, extension, and education to address food and agricultural sciences. Grants shall be awarded to address priorities in United States agriculture in the following areas: A) Plant health and production and plant products; B) Animal health and production and animal products; C) Food safety, nutrition, and health; D) Renewable energy, natural resources, and environment; E) Agriculture systems and technology; and F) Agriculture economics and rural communities. [More Information](#)

****NEW-ARRA** Recovery Act – Rural Technical
Assistance and Training Grants – Responses Due
January 11, 2010**

The Rural Utilities Service (RUS) provides financial and technical assistance to help communities bring safe drinking water and sanitary, environmentally sound waste disposal facilities to rural Americans in greatest need. The additional funding provided by the Recovery Act for Technical Assistance and Training grants will allow rural communities to better identify and evaluate solutions to water and waste disposal problems, assist applicants in preparing applications for water and waste grants made in accordance with 7 CFR part 1775, or improve operation and maintenance of existing water and waste disposal facilities in rural areas. Qualified private non-profit organizations may apply. In using funds made available by the Recovery Act for infrastructure investment, recipients shall give preference to activities that can be started and completed expeditiously. Recipients shall also use grant funds in a manner that maximizes job creation and economic benefit. [More Information](#)

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

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](#)

SMART GRID

**Recovery Act - Smart Grid Investments – Letters of
Intent (required) February 10, 2010; Full Responses Due
March 31, 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. [More Information](#) or contact [Donna Williams](#).

SOLAR

****NEW** Solar America Showcase General Projects –
Response Due December 30, 2009**

Solar America Showcases help facilitate large-scale installations that involve cutting-edge solar technologies, novel applications of solar, high visibility sites, and/or high likelihood of replicability. Solar America Showcase is a Notice of Opportunity for Technical Assistance (NOTA) for proposed installations more than 250 kW and does not include direct federal funding for any recipient. Instead, showcase projects include technical assistance through teams of DOE-funded solar experts from national laboratories. [More Information](#)

**CHE-DMR-DMS Solar Energy Initiative Grant - Full
Proposal Due March 31, 2010**

The purpose of the CHE-DMR-DMS Solar Energy Initiative is to support interdisciplinary efforts by groups of researchers to address the scientific challenges of highly efficient harvesting, conversion, and storage of solar energy. Groups must include three or more co-Principal Investigators of whom one must be a researcher in chemistry, a second in materials, and a third in mathematical sciences in areas supported by the Divisions of Chemistry, Materials Research, and Mathematical Sciences, respectively. The intent is to encourage new collaborations in which the mathematical sciences are linked in a synergistic way with the chemical and materials sciences to develop novel, potentially transformative approaches in an area of much activity but largely incremental advances. Successful proposals will offer potentially transformative projects, new concepts, and interdisciplinary education through research involvement based on the integrated expertise and synergy from the three disciplinary communities. [More Information](#)

Federal Opportunities continued....

TRANSPORTATION

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](#)

VEHICLES

****NEW** Batteries for Electrical Energy Storage in Transportation -** *Responses Due January 15, 2010*

In this topic, ARPA-E seeks to develop a new generation of ultra-high energy density, low-cost battery technologies for long electric range plug in hybrid electric vehicles and electric vehicles (EVs). The development of high energy, low cost batteries represents the critical barrier to wide-spread deployment of EVs, which if achieved would have a profound impact on U.S. oil security, greenhouse gas emissions, and economic growth. The ambitious goals for this program are largely based upon the aggressive long term EV battery goals set forth by the United States Automotive Battery Consortium, a public-private collaboration between the U.S. Department of Energy and leading U.S. automotive companies. If successful, new battery technologies developed under this program will give electrified light-duty vehicles range, performance, lifetime, and cost required to shift transportation energy from oil to the domestically powered U.S. electric grid. ARPA-E's objective is to fund high-risk, high reward research efforts that will promote leadership in this emerging EV battery market. [More Information](#)

H-Prize - *Proposal Accepted through February 15, 2010*
DOE has launched the H-Prize competition, offering a \$1 million award to an individual or team that creates the most advanced materials for hydrogen storage in vehicles. [More Information](#)

FEDERAL TAX INCENTIVES

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](#)

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](#)

Recovery Act - Advanced Energy Manufacturing Tax Credit

The U.S. Department of the Treasury and the U.S. Department of Energy will award \$2.3 billion in tax credits for manufacturers of advanced energy equipment. Authorized by the American Recovery and Reinvestment Act (Recovery Act), this new program will provide tax credits to manufacturers who produce clean energy equipment. Qualifying manufactures will produce solar, wind, and geothermal energy equipment; fuel cells, microturbines, and batteries; electric cars; electric grids to support the transmission of renewable energy; energy conservation technologies; and equipment that captures and sequesters carbon dioxide or reduces greenhouse gas emissions. [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.

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](#)

Private Funding...

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

****NEW** National Ethanol Conference Scholarship – Responses Due December 31, 2009**

The Renewable Fuels Foundation and Renewable Fuels Association are offering 10 scholarships to students for a chance to attend the 15th annual National Ethanol Conference in Orlando, Fla., from Feb. 15 to 17. The winners will be able to attend the conference free of charge and get first-hand experience seeing and listening to ethanol-industry leaders discuss the future of ethanol. Recipients will be responsible for transportation, housing and meals during the conference. [More Information](#)

****NEW** Technology Solutions – Responses Due March 31, 2010**

Nominations are invited for the 2010 Tech Awards. This program awards individuals, organizations, and companies from around the world that are utilizing innovative technology solutions to address issues pertaining to health, education, the environment, economic development, and equality. Individual awards \$50K each. [More Information](#)

CAFE Foundation – Green Flight Challenge

Challenge competition will take place July 2011

The NASA Innovative Partnerships Program and the Comparative Aircraft Flight Efficiency (CAFE) Foundation today announced the CAFE Green Flight Challenge (CGFC), a flight efficiency competition for aircraft that can average at least 100 mph on a 200-mile flight while achieving greater than 200 passenger miles-per-gallon. The prize for the aircraft with the best performance will be \$1.5 million. This is the largest prize ever offered for a general aviation competition. A \$150,000 prize for best score by a bio-fueled aircraft is also offered. The competition is slated for July 2011 at Charles M. Schulz Sonoma County Airport in Santa Rosa, California. A variety of innovative experimental aircraft that fly with either electricity, solar, bio-fuel or hybrid propulsion are expected to enter. Several major universities and EAA aircraft builders have already expressed their intention to form teams to compete. The competition is now officially accepting entrants at [cafeoundation.org](#). To enter, [please download the complete rules kit](#).

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](#)

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](#)

****NEW** Captain Planet Foundation – Deadlines for submitting grant applications are March 31, June 30, September 30, and December 31**

The mission of the Captain Planet Foundation is to fund and support hands-on, environmental projects for children and youths. The objective is to encourage innovative programs that empower children and youth around the world to work individually and collectively to solve environmental problems in their neighborhoods and communities. Through environmental education, children can achieve a better understanding and appreciation for the world in which they live. [More Information](#)

Federal Opportunities continued....

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

Federal Opportunities continued....

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](#)

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.

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

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](#)