



Guide to Federal Incentives and Programs Available to Investors

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*** Document subject to revisions and updates ***



Guide to Federal Incentives and Programs Available to Investors

This document contains federal incentives and programs available to investors in the United States based on research conducted by Invest in America staff. Information is provided regarding programs, contacts, federal agency, and other relevant data.

	Program	U.S. Federal Agency
1.	Demonstration of Integrated Biorefinery Operations, Renewable Energy	Agriculture
2.	Environmental Quality Incentive Program (EQIP)	Agriculture
3.	Biomass Research and Development Initiative	Agriculture, Energy
4.	International Science and Education Competitive Grants Program	Agriculture, Energy
5.	Specialty Crop Research Initiative	Agriculture, Energy
6.	Invest in America	Commerce
7.	NIST Information Related to ARRA 2009	Commerce
8.	Office of Technology and Electronic Commerce	Commerce
9.	Technology Innovation Program (TIP), DOC, NIST	Commerce
10.	Small Business Innovation Research Program	Commerce
11.	Foreign Trade Zones Board	Commerce, Treasury
12.	Business Energy Tax Credit	Energy
13.	Clean Coal Power Initiative (CCPI) Round 3	Energy
14.	Commercial Building Tax Deduction	Energy
15.	Electric Drive Vehicle Battery and Component Manufacturing Initiative	Energy
16.	Loan Guarantee Program	Energy
17.	National Energy Technology Laboratory (NETL)	Energy
18.	Recovery Act: Transportation Electrification	Energy
19.	Request for information: Solar Policy and Analysis Regional Centers (SPARCs)	Energy
20.	Six Ultra-Deepwater Program (RFPs)	Energy
21.	Solar America Initiative (SAI) Market Transformation: Solar America Showcase 2009	Energy
22.	Wind and Hydropower Technologies Program	Energy
23.	Grants.gov	Federal Government
24.	Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications	Health and Human Services
25.	Omnibus NIH Solicitation for Small Business Innovation Research Grant Applications	Health and Human Services
26.	Recovery Act Limited Competition: NIH Challenge Grants in Health and Science Research	Health and Human Services
27.	Small Business Innovation Research to Develop New Therapeutics and Monitoring Technologies	Health and Human Services
28.	Multifamily Real Estate for Sale	Housing and Urban Development
29.	Tax incentives in Empowerment Zones (EZs)	Housing and Urban Development
30.	Tax incentives in Renewal Communities (RCs)	Housing and Urban Development
31.	Opportunities for Academic Liaison with Industry	National Science Foundation
32.	Industry/University Cooperative Research Centers Program (I/UCRC)	National Science Foundation
33.	Bilateral Investment Treaty (BIT)	U.S. Law & Regulation
34.	Free Trade Agreement	U.S. Law & Regulation
35.	Research and Development Tax Credit	U.S. Law & Regulation



1 Program: Demonstration of Integrated Biorefinery Operations, Renewable Energy Research and Development

Sector: Energy

Incentive: \$200 million in total funding

The intent of the FOA will be to select integrated biorefinery projects that have the necessary technical and economic performance data that validates readiness for the next level of scale up. For the purpose of this FOA, the term “integrated biorefinery” is a facility that uses a feedstock meeting the requirements described in this FOA to produce a biofuel as the “primary product” (as discussed below) and may produce other products including chemicals (or other materials) and heat and power. These integrated biorefineries would produce, as their primary product, a liquid transportation fuel to support meeting the advanced biofuels portion of the Energy Independence and Security Act of 2007 (EISA) Renewable Fuel Standards (RFS). This FOA contains two topic areas with the purposes of promoting flexibility for the applicants, encouraging competition, allowing for reasonable levels of scale up, and in recognition that the diverse technologies likely to be submitted may require different volumes to be technically feasible. Cost Share: Topic Area 1, 30%; Topic Area 2, 50%.

Topic Area 1 requests applicants to operate an integrated pilot-scale biorefinery in order to validate the technology. For the purpose of this FOA, a pilot-scale biorefinery project is defined as a facility with a throughput of no less than one (1) dry tonne of feedstock per day. The proposed biorefinery must be located within the United States and use feedstock from a domestic source. The focus of this topic is to validate the performance of the proposed technology and obtain operational information, so, in lieu of constructing a new facility, the applicant may propose the use of an existing pilot-scale biorefinery. Applicants may propose constructing new facilities or modifications to an existing facility (including adding equipment or modules) where it is economically and technically advantageous to do so.

Topic Area 2 requests that applicants design, construct and operate an integrated demonstration-scale biorefinery to validate the technology. The proposed demonstration-scale biorefinery must be designed and constructed for a throughput of at least fifty (50) dry tonnes of feedstock per day. The proposed biorefinery must be located within the United States and use feedstock from a domestic source. The objective of this topic is to support demonstration-scale projects that will validate key process metrics and provide continuous operational data at the scale needed to lower the technical risks associated with the development of a viable future commercial plant. The applicant may propose constructing a new facility or making modifications to an existing facility (including adding equipment or modules) where it is both economically and technically advantageous to do so.

Cost Share: Topic Area 1, 30%; Topic Area 2, 50%

Contact Information: Hank Eggink, 303-275-4825 or Yolanda C Ramirez, 303-275-4908

U.S. Department of Energy

Golden Field Office

Mail Stop 1501

1617 Cole Boulevard

Golden, Colorado 80401

Main Number: 303-275-4700

Website: <http://www.brdisolutions.com/default.aspx>

2 **Program: Environmental Quality Incentive Program (EQIP)**

Sector: Environment

Incentive: Financial and technical help

The Environmental Quality Incentives Program (EQIP) was reauthorized in the Farm Security and Rural Investment Act of 2002 (Farm Bill) to provide a voluntary conservation program for farmers and ranchers that promotes agricultural production and environmental quality as compatible national goals. EQIP offers financial and technical help to assist eligible participants install or implement structural and management practices on eligible agricultural land.

EQIP offers contracts with a minimum term that ends one year after the implementation of the last scheduled practices and a maximum term of ten years. These contracts provide financial assistance to implement conservation practices. Owners of land in agricultural production or persons who are engaged in livestock or agricultural production on eligible land may participate in the EQIP program. Program practices and activities are carried out according to an EQIP program plan of operations developed in conjunction with the producer that identifies the appropriate conservation practice or measures needed to address the resource concerns. The practices are subject to NRCS technical standards adapted for local conditions.

EQIP provides payments up to 75 percent of the incurred costs and income foregone of certain conservation practices and activities. However, certain historically underserved producers (Limited resource farmers/ranchers, beginning farmers/ranchers, socially disadvantaged producers) may be eligible for payments up to 90 percent of the estimated incurred costs and income foregone. Farmers and ranchers may elect to use a certified Technical Service Provider (TSP) for technical assistance needed for certain eligible activities and services. The new Farm Bill established a new payment limitation for individuals or legal entity participants who may not receive, directly or indirectly, payments that, in the aggregate, exceed \$300,000 for all program contracts entered during any six year period. Projects determined as having special environmental significance may, with approval of the NRCS Chief, have the payment limitation raised to a maximum of \$450,000.

Contact Information:

Tim Beard, Branch Chief

Phone 202-690-2621

Email: tim.beard@wdc.usda.gov

USDA, NRCS, Deputy Chief for Programs
14th and Independence Avenue, SW., Room 5109-S
Washington, DC 20250
Phone: 202-720-4527
Fax: 202-720-6559

Website: <http://www.nrcs.usda.gov/programs/eqip//>



3 Program: Biomass Research and Development Initiative BRDI, Renewable Energy Research and Development

Sector: Energy

Incentive: \$25 million

The Biomass Research and Development Initiative (BRDI), is a multi-agency effort to coordinate and accelerate all Federal biobased products and bioenergy research and development. The U.S. Departments of Energy (DOE) and Agriculture (USDA) have announced up to \$25 million in funding for research and development of technologies and processes to produce biofuels, bioenergy, and high-value biobased products, subject to annual appropriations. USDA and DOE have issued a joint funding opportunity announcement (FOA) for several types of projects aimed at increasing the availability of alternative renewable fuels and biobased products. The projects will aim to create a diverse group of economically and environmentally sustainable sources of renewable biomass. Advanced biofuels produced from these types of sources are expected to reduce greenhouse gas emissions by a minimum of 50 percent.

The FOA will fund projects in the following three technical areas specified in the Food, Conservation, and Energy Act (FCEA) of 2008: feedstocks development; biofuels and biobased products development; and, biofuels development analysis.

Award amounts are planned to range from \$1 million to up to \$5 million with project periods up to four years, subject to annual appropriations. Eligible applicants include institutions of higher education, national laboratories, federal research agencies, state research agencies, private sector entities, non-profit organizations, or a consortium of two or more of those entities. Cost sharing requirement: 20% R&D, 50% total allowable for demonstration project.

Contact Information:

Carmela Baily, 202- 401-6443 or Hank Eggink, 303-275-4825

Website: <http://www.brdisolutions.com/default.aspx>



- 4 Program: International Science and Education Competitive Grants Program**
Sector: R&D Science, Education
Incentive: \$2 million

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

Institutions of higher education are eligible to apply. However, award recipients may subcontract to organizations not eligible to apply provided such organizations are necessary for the conduct of the project.

Contact Information:

Michael McGirr
National Program Leader
Science and Education Resources Development
Waterfront Centre
800 9th St., SW,
Washington, DC 20024
Phone: 202- 205- 3739
Fax: 202-690-2355
Email: mmcgirr@csrees.usda.gov

Website: <http://www.csrees.usda.gov/fo/educationinternationalscience.cfm>



5 Program: Specialty Crop Research Initiative

Sector: Agriculture
Incentive: Ceiling \$10m

The Specialty Crop Research Initiative (SCRI) was established to solve critical industry issues through research and extension activities. Specialty crops are defined as fruits and vegetables, tree nuts, dried fruits, and horticulture and nursery crops, including floriculture. SCRI will give priority to projects that are multistate, multi-institutional, or trans-disciplinary; and include explicit mechanisms to communicate results to producers and the public. Projects must address at least one of five focus areas: research in plant breeding, genetics, and genomics to improve crop characteristics; efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators; efforts to improve production efficiency, productivity, and profitability over the long term; new innovations and technology, including improved mechanization and technologies that delay or inhibit ripening; and methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production and processing of specialty crops. Please Note: As of February 4, 2009 the RFA was updated to reflect a change in the "notification of intent to submit" deadline. The new date is March 2, 2009, see RFA for details.

Cost sharing requirement: 100 percent non-federal match is legislatively required for this funding opportunity. ALL applicants will be required to provide appropriate matching documentation in each application (see Part IV (B) (6) of this RFA for more specific information).

Contact Information:

Tom Bewick, 202-401-3356 or Daniel Schmoltdt, 202-720-4807
Cooperative State Research, Education, and Extension Service (CSREES)
1400 Independence Avenue SW., Stop 2201
Washington, DC 20250-2201

Website: http://www.csrees.usda.gov/funding/rfas/specialty_crop.html



6 Program: Invest in America
Sector: All
Incentive: Information

Invest in America (IIA) is the primary U.S. Government mechanism to manage foreign direct investment promotion. Efforts are focused on outreach to foreign governments and investors, support for state governments' investment promotion efforts, and addressing business climate concerns by serving as ombudsman in Washington for the international investment community. Invest in America focuses on outreach to foreign governments and investors to promote the United States as the best market for investment in the world and address business climate concerns that may impede investment.

IIA welcomes all inquiries from foreign investors who want to learn more about investing in the United States. Invest in America provides information about the United States economy as a whole, assists in making contacts with appropriate federal and state agencies, and helps investors learn more about U.S. policies and investment procedures.

IIA is located within the Department of Commerce's International Trade Administration, which maintains a global network of personnel in over 70 countries around the world. These offices are prepared to provide U.S. investment information to supplement our state partners' resources. IIA serves as an ombudsman in Washington, D.C., for the international investment community, working across the Federal Government to address investor concerns and issues involving federal agencies. Invest in America regularly engages with U.S. government stakeholders to address policy concerns and provides recommendations to improve the U.S. investment climate.

IIA is a federal complement to existing U.S. state and local efforts to promote inward investment and remains neutral in any competition. In the United States, local and state entities facilitate individual foreign investment transactions while offering the tailored services investors need to complete a successful investment. Invest in America works with each of the fifty states, the District of Columbia, and U.S. territories to connect potential investors with U.S. investment officials. Invest in America also maintains individual state contacts designated by each governor to answer international investment inquiries.

Contact Information:

Aaron Brickman
Director, Invest in America
International Trade Administration
U.S. Department of Commerce
Phone: 202-482-5199
Fax: 202-482-3643
Email: aaron.brickman@mail.doc.gov

Website: <http://www.investamerica.gov>

7 Program: NIST Information Related to the American Recovery and Reinvestment Act of 2009

Sector: R&D

Incentive: ARRA Incentives

Small Business Innovation Research Program—Solicits research and development proposals from small businesses that respond to specific technical needs that are described in the annual Solicitation. SBIR contracts are awarded for R&D that directly supports a NIST project and for R&D needed to extend technologies developed at NIST for the purpose of commercializing the NIST technology. No unsolicited proposals are accepted. Program information is available at www.nist.gov/sbir

The SBIR Program goals are to (1) increase private sector commercialization of innovations derived from federal R&D; (2) use small business to meet federal research and development (R&D) needs; (3) stimulate small business innovation in technology; and (4) foster and encourage participation by minority and disadvantaged persons in technological innovation

Website: <http://www.nist.gov/recovery/>

8 Program: Office of Technology and Electronic Commerce

Sector: Information and Communications Technology

Incentive: ARRA Incentives

The Office of Technology and Electronic Commerce (OTEC) has compiled a table of Information and Communications Technology (ICT) business opportunities in the American Recovery and Reinvestment Act (ARRA) of 2009. The \$787 billion stimulus package includes specific opportunities for suppliers of ICT services and products in the following sectors: computer hardware and software, data storage, networking equipment, broadband equipment, telecommunications services, electrical instruments, semiconductors, photovoltaics (solar cells), and other electronic components. The ARRA also provides funding for certain R&D projects of interest to ICT companies. Specific ICT business opportunities information is available on the OTEC website.

Contact Information:

Fred W. Aziz,

Office of Technology and E-Commerce

Manufacturing and Services

Phone: 202-482-4023 Email: fred.aziz@mail.doc.gov

Website: [http://web.ita.doc.gov/ITI/itiHome.nsf/\(HotNews\)/HotNews](http://web.ita.doc.gov/ITI/itiHome.nsf/(HotNews)/HotNews)

- 9 Program: Technology Innovation Program (TIP), DOC, NIST**
Sector: R&D
Incentive: \$3 million - \$9 million

The Technology Innovation Program (TIP) supports, promotes, and accelerates innovation in the United States through high-risk, high-reward research in areas of critical national need. TIP has the agility and flexibility to make targeted investments in transformational R&D that will ensure our Nation's future through sustained technological leadership. TIP was established by the 2007 America COMPETES Act to support, promote, and accelerate innovation in the United States through high-risk, high-reward research in areas of critical national need. The merit-based competitive program can fund cost-shared R&D projects by single small-sized or medium-sized businesses and joint ventures that also may include institutions of higher education, non-profit research organizations and national laboratories. TIP awards are limited to no more than \$3 million total over three years for a single company project and no more than \$9 million total over five years for a joint venture.

Contact Information:

Linda Beth Schilling
Phone: 301- 975-2887
NIST Technology Innovation Program
100 Bureau Drive, Stop 4700
Gaithersburg, MD 20899-4700
Phone: 1-888-TIP-NIST(1-888-847-6478)

Website: <http://www.nist.gov/tip/>

- 10 Program: Small Business Innovation Research Program (SBIRP) DOC, NIST**
Sector: R&D
Incentive: Award (recent funding average \$90,000)

Small Business Innovation Research Program—Solicits research and development proposals from small businesses that respond to specific technical needs that are described in the annual Solicitation. SBIR contracts are awarded for R&D that directly supports a NIST project and for R&D needed to extend technologies developed at NIST for the purpose of commercializing the NIST technology. There is one announcement annually, this year the deadline was in January 2009. No unsolicited proposals are accepted. Program information is available at www.nist.gov/sbir

The SBIR Program goals are to (1) increase private sector commercialization of innovations derived from federal R&D; (2) use small business to meet federal research and development (R&D) needs; (3) stimulate small business innovation in technology; and (4) foster and encourage participation by minority and disadvantaged persons in technological innovation.

Contact Information:

Clara Asmail
Small Business Innovation Research Program (SBIRP)
Phone: 301-975-2339
Email: asmal@nist.gov

Website: http://tsapps.nist.gov/ts_sbir/

11 Program: Foreign Trade Zones Board

Sector: All

Incentive: Use of special customs procedures

A foreign-trade zone is a designated site licensed by the Foreign-Trade Zones (FTZ) Board (Commerce and Treasury) at which special customs procedures may be used. These procedures allow domestic activity involving foreign items to take place prior to formal customs entry. Since entry has not taken place on merchandise stored within a zone, no duty is paid on items that are re-exported and duty is deferred on items sold in the U.S. market. Also, when zone manufacturing results in a finished product with a lower duty rate than the rates on foreign inputs, the finished product may be entered at the duty rate that applies to its condition as it leaves the zone (subject to FTZ Board approval). As a result, the savings from FTZ procedures can offset customs advantages available to overseas producers who compete with producers located in the United States. Companies in a zone may also qualify for other customs procedures, such as direct delivery and weekly entry.

The FTZ Board reviews and makes decisions on all applications for FTZ sites and authority and monitors ongoing zone activity. A site which has been granted zone status may not be used for zone activity until it has been separately approved for FTZ activation by local U.S. Customs and Border Protection (CBP) officials and the zone activity remains under the supervision of CBP. Although merchandise within a zone has not undergone formal customs entry, it is considered imported into the U.S. and zone sites remain under the jurisdiction of all other local, state and federal agencies.

Contact Information:

Liz Whiteman

Foreign-Trade Zones Board

U.S. Department of Commerce

1401 Constitution Ave., NW, Room 2111

Washington, DC 20230

Phone: 202-482-0473

Email: Elizabeth_Whiteman@ita.doc.gov

Website: www.trade.gov/ftz



12 Program: Business Energy Tax Credit

Sector: Energy

Incentive: Tax credit

The federal business energy tax credits available under 26 USC § 48 were expanded significantly by the Energy Improvement and Extension Act of 2008 (H.R. 1424), enacted in October 2008. The new law extended the duration - by eight years - of the existing credits for solar energy, fuel cells and microturbines; increased the credit amount for fuel cells; established new credits for small wind-energy systems, geothermal heat pumps, and combined heat and power (CHP) systems; extended eligibility for the credits to utilities; and allowed taxpayers to take the credit against the alternative minimum tax (AMT), subject to certain limitations.

Credits are available for eligible systems placed into service on or before December 31, 2016.

Contact Information:

Public Information - IRS

Internal Revenue Service

1111 Constitution Avenue, N.W.

Washington, DC 20224

Phone: 800 -829-1040

Website: <http://www.irs.gov>

Website: http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US02F



13 Program: Clean Coal Power Initiative (CCPI), Round 3

Sector: Energy

Incentive: Cooperative agreements

The United States Department of Energy, National Energy Technology Laboratory (NETL or DOE) is competitively soliciting applications for a requirement titled “Clean Coal Power Initiative.”

The Clean Coal Power Initiative (CCPI) is a cost-shared collaboration between the Government and industry to increase investment in clean coal technology by demonstrating advanced coal-based, power generation technologies, consistent with the Energy Policy Act of 2005, Public Law 109-58 (EPACT 2005), available at: http://www.epa.gov/oust/fedlaws/publ_109-058.pdf

The CCPI goal is to accelerate the readiness of advanced coal technologies for commercial deployment, thus ensuring that the United States has clean, reliable, and affordable electricity and power.

NETL anticipates awarding cooperative agreements under this program announcement. A special award condition describing the Government’s substantial involvement in the cooperative agreement is located in PART VI.B. A model cooperative agreement is a separate attachment to this announcement. Clauses may be added or deleted while negotiating terms for the specific projects.

NETL anticipates that \$440 million will be available for awards under this announcement depending on future year appropriations to be allocated in accordance with the EPACT 2005, P.L. 109-58, Title IV, Subtitle A, Sec. 402(b). The total value of DOE’s share of the selected projects shall not exceed the amount of funds DOE has available at the time of selection. Allocation of available funds for awards issued under this announcement will be made consistent with EPACT 2005, Title IV, Subtitle A, Section 402(b).

Contact Information:

Brittley Robbins
US DOE, National Energy Technology Laboratory
626 Cochran Mill Road
P.O. Box 10940
Pittsburgh, PA 15236-0940
Phone: 412-386-5430

Website: <http://www.netl.doe.gov/business/solicitations/index.html#00042>

14 Program: Commercial Building Tax Deduction

Sector: Energy

Incentive: \$1.80/ square foot

Commercial Building Tax Deduction establishes a tax deduction for expenses incurred for energy efficient building expenditures made by a building owner. The deduction is limited to \$1.80 per square foot of the property, with allowances for partial deductions for improvements in interior lighting, HVAC and hot water systems, and building envelope systems. The Emergency Economic Stabilization Act of 2008 (HR-1424), approved and signed on October 3, 2008, extends the benefits of the Energy Policy Act of 2005 through December 31, 2013.

Contact Information:

Public Law 110-343—OCT. 3, 2008

Website: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=110_cong_public_laws&docid=f:publ343.110.pdf

15 Program: Electric Drive Vehicle Battery and Component Manufacturing Initiative

Sector: Energy

Incentive: Approximately \$2 billion in total funds

Consistent with the American Recovery and Reinvestment Act of 2009 (ARRA 2009), the Department of Energy (DOE) National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE) Vehicle Technologies (VT) Program, is seeking applications for grants supporting the construction (including production capacity increase of current plants), of U.S. based manufacturing plants to produce batteries and electric drive components. Cost share: 50%.

Follow these steps to view the announcement:

1. Go to: www.fedconnect.net/FedConnect
2. Click on: Search Public Opportunities and Awards
3. Under search criteria select -- reference number, and type the reference number (DE-FOA-0000026 Electric Drive Vehicle Battery and Component Manufacturing Initiative)
4. Click on search.
5. Click 00001 (Body) (this is an .rtf file which is compatible with Word)

Contact Information:

Kelly McDonald

Phone: 304-285-4113

Email: kelly.mcdonald@netl.doe.gov

Website: <http://www.netl.doe.gov/business/solicitations/index.html>

16 Program: Loan Guarantee Program

Sector: Energy

Incentive: Loan Guarantee

The U.S. Department of Energy's Loan Guarantee Program paves the way for federal support of clean energy projects that use innovative technologies, and spurs further investment in these advanced technologies.

Established under Title XVII of the Energy Policy Act of 2005, the Secretary of Energy is authorized to make loan guarantees to qualified projects in the belief that accelerated commercial use of these new or improved technologies will help to sustain economic growth, yield environmental benefits, and produce a more stable and secure energy supply.

Contact Information:

Department of Energy, Recovery Act Clearinghouse 1-888-363-7289

Website: <http://www.lgprogram.energy.gov/>

17 Program: National Energy Technology Laboratory (NETL)

Sector: Energy

Incentive: Various

Website for NETL Solicitations & Business Opportunities: NETL uses Fedconnect and/or Grants.gov and FedBizOpps to post solicitations and funding opportunity announcements and amendments, receive proposals and applications, and disseminate award information. Entities wishing to participate in these solicitations will need to register at these websites. Proposals will be accepted only through FedConnect or Grants.Gov as indicated in the solicitation document.

Contact Information:

US DOE, National Energy Technology Laboratory

626 Cochran Mill Road

P.O. Box 10940

Pittsburgh, PA 15236-0940

Website: <http://www.netl.doe.gov/business/solicitations/index.html>

18 Program: Recovery Act: Transportation Electrification

Sector: Energy

Incentive: \$378 million dollars is expected to be available for all Areas of Interest for new awards

The Department of Energy (DOE) National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE) Office of Vehicle Technologies (OVT) Program, is seeking applications for grants to establish development, demonstration, evaluation, and education projects to accelerate the market introduction and penetration of advanced electric drive vehicles. DOE's goal is for vehicles and electric technologies to achieve a fast market introduction and reach high volume production. A key objective of the OVT program is to accelerate the development and production of various electric drive vehicle systems to substantially reduce petroleum consumption. One of the electric drive technologies that will be emphasized in this project are Plug-in Hybrid Electric Vehicles (PHEV), which directly supports the President's goal to Get One Million Plug-In Hybrid Cars on the Road by 2015. Furthermore, advanced electric drive technologies will allow manufacturers to meet increased fuel economy standards while reducing vehicular emissions of greenhouse gases. The resulting grants will also meaningfully aide in the nation's economic recovery by creating US based jobs as outlined in the American Recovery and Reinvestment Act of 2009. Cost share: 20-50%. Follow the steps below to view the FOAs: (1) Go to: www.fedconnect.net/FedConnect (2) Click on: Search Public Opportunities and Awards (3) Under search criteria select -- reference number, and type the FOA number (DE-FOA-0000028 Recovery Act- Transportation Electrification and DE-FOA-0000026 Electric Drive Vehicle Battery and Component Manufacturing Initiative) 4. Click on search.

Contact Information:

Jeffrey S. Kooser

Phone: 304-285-4253

Email: Jeffrey.Kooser@netl.doe.gov

Website: <http://www.netl.doe.gov/business/solicitations/index.html>

19 Program: Request for information: Solar Policy and Analysis Regional Centers (SPARCs)

Sector: Renewable Energy

Incentive: TBD

Request for information (RFI), therefore, DOE is not accepting applications and is instead seeking information regarding the creation of Solar Policy and Analysis Regional Centers (SPARCs) to develop and disseminate accurate and timely local, state and regional policy research and analysis that supports solar commercialization to benefit stakeholders nationwide.

DOE will review all responses and consider them in their formulation of program strategies. DOE will not pay for information provided, and there is no guarantee that there will be a FOA as a result of this RFI. Questions regarding the content of this RFI should be through the "Submit Question" feature of the DOE Interactive Procurement System (IIPS) at the <http://e-center.doe.gov>.

Contact Information:

Andrea Lucero

Phone: 303-275-4761

Website: [http://e-center.doe.gov/iips/faopor.nsf/UNID/0C05E1553EFBF4B48525758D007FBBCC/\\$file/SPARCs_RFI_DE-PS36-09GO39007.pdf](http://e-center.doe.gov/iips/faopor.nsf/UNID/0C05E1553EFBF4B48525758D007FBBCC/$file/SPARCs_RFI_DE-PS36-09GO39007.pdf)



- 20 Program: Six Ultra-Deepwater Program 2008 Requests for Proposals (RFPs)**
Sector: R&D Oil & Gas Sector
Incentive: 6 projects currently (deadline March 3, 2009), 5 additional expected

The Research Partnership to Secure Energy for America (RPSEA) through DOE contract number DE-FC26-07NT42677 is pleased to release the first round of Requests for Proposals (RFPs) for 2008 (<http://www.rpsea.org/>). Over \$35 million of Government funding was identified in Section 999 of the Energy Policy Act of 2005 to conduct research and development in the areas of (1) Ultra-deepwater architecture and technology; (2) Unconventional natural gas and other petroleum resources exploration and production technology; and (3) the technology challenges of small producers. NETL will continue to provide oversight on all aspects of the "Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Resources Program" conducted by the Research Partnership to Secure Energy for America (RPSEA). Proposals will not be accepted through the Industry Integrated Procurement System or Grants.gov. Please review the RFPs which contain proposal preparation information and instructions on the RPSEA website.

Contact Information:

Wiley Wells
Phone: 281-690-5504
Email: wwells@rpsea.org
Research Partnership to Secure Energy for America
1650 Highway 6 Suite 300
Sugar Land, TX 77478
Phone: 281-313-9555 Fax: 281-313-9560

Website: http://www.rpsea.org/req_proposals/



**21 Program: Solar America Initiative (SAI) Market Transformation:
Solar America Showcase 2009**
Sector: Renewable Energy
Incentive: Technical assistance

The Notice of Opportunity for Technical Assistance (NOTA) informs that DOE will provide technical assistance to large-scale, high-visibility solar installation projects that have the ability to impact the market for solar technologies through large project size, use of a novel solar technology, and/or use of a novel application for a solar technology. In addition, it is desired that the project be replicable or have replicable components. According to the NOTA, DOE will not purchase hardware or otherwise provide direct funding to organizations selected from this notice. Further, DOE is seeking to identify and minimize or remove barriers to solar technology commercialization as quickly and efficiently as possible, and to make large and significant changes in the marketplace through its market transformation activities. Accordingly, emphasis will be on projects and activities with the greatest potential to assist the DOE in reaching its SAI goal by 2015. DOE is looking for performers and partners who are committed to the SAI mission. Technical assistance will not be provided for research, development, or early-stage testing and evaluation of any technology or product.

Contact Information:

Andrea Lucero
Phone: 303-275-4761

Website: <http://e-center.doe.gov/iips/faopor.nsf/8373d2fc6d83b66685256452007963f5/96a844a71a8ae1a48525754c0068e46b?OpenDocument>



22 Program: Wind and Hydropower Technologies Program (WHTP)
Sector: Renewable Energy
Incentive: TBD

The Wind and Hydropower Technologies Program (WHTP) within the Department of Energy's Office of Energy Efficiency and Renewable Energy (DOE-EERE) is leading the nation's efforts to improve the performance and operability of wind energy technologies and lower the costs, to investigate emerging water power technologies, and to enhance the environmental performance and efficiencies of conventional hydropower technologies. The Department of Energy (DOE) is seeking additional input from the public regarding the proceedings of the 20% Wind Energy by 2030 Workshop and the proceedings of the U.S. Wind Manufacturing Workshop. The information presented in the workshops can be found, as attachments, on the IIPS cover page, under the "Supporting Documents/Amendments for this Financial Assistance Opportunity" heading.

The information collected may be used for internal DOE planning and decision-making to align future activities under the Wind & Hydropower Technologies Program with the Administration's goals for increased use of renewable energy and the creation of domestic jobs. Interested parties might include, but are not limited to: developers, investors, industry, Native American Tribes, renewable energy equipment suppliers, electric utilities, independent power producers, environmentalists, academics, and public, private, or non-profit entities.

Request for Information Guidelines: The sole purpose of this Request for Information (RFI) is to gain input from the public regarding the proceedings of the 20% Wind Energy by 2030 Workshop and the proceedings of the U.S. Wind Manufacturing Workshop. This does not constitute a request for specific project proposals. DOE will not pay for information provided under this RFI, and there is no guarantee that future funding opportunities or other activities will be undertaken as a result of this RFI.

Contact Information:

Sara Wilson
Phone: 303-275-4741

Website: <http://www1.eere.energy.gov/windandhydro/>



23 Program: Grants.gov
Sector: All
Incentive: Various

Grants.gov was established as a governmental resource named the E-Grants Initiative, part of the President's 2002 Fiscal Year Management Agenda to improve government services to the public. The concept has its origins in the Federal Financial Assistance Management Improvement Act of 1999, also known as Public Law 106-107. Public Law 106-107 has since sunset and is now known as the Grants Policy Committee (GPC). For more information on the Grants Policy Committee, [click here](#). Today, Grants.gov is a central storehouse for information on over 1,000 grant programs and provides access to approximately \$500 billion in annual awards.

Contact Information:

U.S. Department of Health and Human Services
Grants.gov
200 Independence Avenue, S.W.
HHH Building
Washington, DC 20201

Phone: 1-800-518-4726. Hours of Operation: Monday-Friday, 7:00 a.m. to 9:00 p.m., Eastern Time

Website: <http://www.grants.gov//>



24 Program: Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications

Sector: Health, Medical Research

Incentive: Various

Funding Opportunity Announcement (FOA) issued by the National Institutes of Health (NIH) invites eligible United States small business concerns (SBCs) to submit Small Business Technology Transfer (STTR) grant applications. United States SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH awarding components identified in this FOA are encouraged to submit STTR grant applications in response to identified topics (see PHS 2009-2 SBIR/STTR Program Descriptions and Research Topics for NIH.)

Small Business should be:

Organized for profit, with a place of business located in the United States, which operates primarily within the United States or which makes a significant contribution to the United States economy through payment of taxes or use of American products, materials or labor;

In the legal form of an individual proprietorship, partnership, limited liability company, corporation, joint venture, association, trust or cooperative, except that where the form is a joint venture, there can be no more than 49 percent participation by foreign business entities in the joint venture;

At least 51 percent owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States, or it must be a for-profit business concern that is at least 51% owned and controlled by another for-profit business concern that is at least 51% owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States, except in the case of a joint venture, where each entity to the venture must be 51 percent owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States; and;

Has, including its affiliates, not more than 500 employees.

Contact Information:

Ms. Kay Etzler

NIH SBIR/STTR Program Analyst

6705 Rockledge Drive

Rockledge I, Room 3522

Bethesda, MD 20892

Phone: 301-435-2713, Fax: 301-480-0146

Email: sbir@od.nih.gov or etzlerk@od.nih.gov

Website: http://grants.nih.gov/grants/funding/sbir_announcements.htm



25 Program: Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Innovation Research Grant Applications

Sector: Health, Medical Research

Incentive: Various

This Funding Opportunity Announcement (FOA) issued by the National Institutes of Health (NIH), the Centers for Disease Control and Prevention (CDC), the Food and Drug Administration (FDA) and the Administration for Children and Families (ACF) invites eligible United States small business concerns (SBCs) to submit Small Business Innovation Research (SBIR) grant applications. United States SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH, CDC, FDA and ACF awarding components identified in this FOA are encouraged to submit SBIR grant applications in response to identified topics (see announcement for Program Descriptions and Research Topics for NIH, CDC, FDA and ACF.)

To apply must be:

Organized for profit, with a place of business located in the United States, which operates primarily within the United States or which makes a significant contribution to the United States economy through payment of taxes or use of American products, materials or labor;

In the legal form of an individual proprietorship, partnership, limited liability company, corporation, joint venture, association, trust or cooperative, except that where the form is a joint venture, there can be no more than 49 percent participation by foreign business entities in the joint venture;

At least 51 percent owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States, or it must be a for-profit business concern that is at least 51% owned and controlled by another for-profit business concern that is at least 51% owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States, except in the case of a joint venture, where each entity to the venture must be 51 percent owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States; and; not more than 500 employees, including its affiliates.

Contact Information:

Ms. Kay Etzler
NIH SBIR/STTR Program Analyst
6705 Rockledge Drive
Rockledge I, Room 3522
Bethesda, MD 20892
Phone: 301-435-2713, Fax: 301-480-0146
Email: sbir@od.nih.gov or etzlerk@od.nih.gov

Website: http://grants.nih.gov/grants/funding/sbir_announcements.htm

26 Program: Recovery Act Limited Competition: NIH Challenge Grants in Health and Science Research (RC1)

Sector: R&D, Science Research

Incentive: \$200 million

NIH has received new funds for Fiscal Years (FYs) 2009 and 2010 as part of the American Recovery and Reinvestment Act of 2009 (Recovery Act). NIH has designated at least \$200 million for a new initiative called the NIH Challenge Grants in Health and Science Research (see http://grants.nih.gov/grants/funding/challenge_award/).

This new program will support research on topic areas which address specific scientific and health research challenges in biomedical and behavioral research that would benefit from significant 2-year jumpstart funds. NIH Institute and Centers have selected specific Challenge Topics within each of the Challenge Areas. The research in these Challenge Areas should have a high impact in biomedical or behavioral science and/or public health. No cost sharing.

At least \$200 million in funding is available in fiscal year 2009 - 2010 to fund 200 or more grants, contingent upon the submission of a sufficient number of scientifically meritorious applications.

Contact Information:

Dr. Noni Byrnes

Email: byrnesn@csr.nih.gov

See announcement of specific project relevant designated contact

Website: <http://grants.nih.gov/recovery/>

- 27 Program: Small Business Innovation Research to Develop New Therapeutics and Monitoring Technologies for Type 1 Diabetes (T1D): Towards an Artificial Pancreas**
Sector: Health, Medical Research
Incentive: 4-10 awards

The funding opportunity announcement (FOA) solicits Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) for funding to perform research leading to the development of innovative technologies that may advance progress toward integrated long term glucose regulated insulin delivery system (artificial pancreas). Mechanism of Support. This FOA will utilize the SBIR (R43/R44) grant mechanisms for Phase I, Phase II, and Fast-Track applications. Funds Available and Anticipated Number of Awards. The estimated amount of funds available for support of 4-10 projects awarded as a result of this announcement is \$2 million for fiscal year 2009. Future year amounts will depend on annual appropriations. Budget and Project Period. For this funding opportunity, budgets up to \$500,000 total costs per year and time periods up to 2 years for Phase I may be requested. Budgets up to \$1,000,000 total costs per year and up to 3 years may be requested for Phase II. Eligible Institutions/Organizations: Only United States SBCs are eligible to submit SBIR applications. A SBC is one that, on the date of award for both Phase I and Phase II funding agreements, meets ALL of the criteria as described in Section III of the announcement.

Eligibility: At least 51 percent owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States, or it must be a for-profit business concern that is at least 51% owned and controlled by another for-profit business concern that is at least 51% owned and controlled by one or more individuals who are citizens of, or permanent resident aliens in, the United States -- (except in the case of a joint venture).

Contact Information:

Mary K. Rosenberg
National Institutes of Health (NIH)
9000 Rockville Pike
Bethesda, Maryland 20892
Phone: 301 594-8891

Website: <http://grants.nih.gov/grants/guide/index.html>

- 28 Program: Multifamily Real Estate for Sale**
Sector: Real Estate
Incentive: Notification

The U.S. Department of Housing and Urban Development (HUD) will send a weekly electronic Invitation to Bid on each multifamily property HUD advertised for sale, as well as immediate notification of any sale change or cancellation.

Contact Information:

Courtland Wilson
Phone: 202-402-2542

Website: <http://www.hud.gov/groups/investors.cfm>

29 Program: Tax incentives in Empowerment Zones (EZs)

Sector: Real Estate

Incentive: Tax credits

For businesses that hire local residents, upgrade their equipment needs, and build or rehabilitate commercial property, there is substantial cash savings possible on taxes paid through special federal tax incentives reserved exclusively in Renewal Communities (RCs) and Empowerment Zones (EZs). Eligible businesses in RCs and EZs that hire local residents outside the family may be eligible for yearly employment credits up to \$3,000 per employee in EZs and \$1,500 per employee in RCs. Businesses that hire 18-24 year-old RC/EZ residents, even if they are located outside these areas, may be eligible to claim work opportunity tax credits worth up to \$2,400 per hire. Businesses that construct or renovate non-residential real property in RCs may be eligible for accelerated depreciation through commercial revitalization deductions (CRD). Eligible business owners may receive CRD allocations from \$10,000 to \$10 million each year until 2010. Businesses interested in applying for a CRD allocation should contact their Renewal Community Director. Business owners can visit www.hud.gov/cr for contact information for Renewal Community directors.

Contact Information:

Pamela Glekas

Office of Community Renewal

Phone: 202-708-6340

Website: <http://www.hud.gov/offices/cpd/economicdevelopment/programs/rc/businesses/>

30 Program: Tax incentives in Renewal Communities (RCs)

Sector: Real Estate

Incentive: Tax credits

For businesses that hire local residents, upgrade their equipment needs, and build or rehabilitate commercial property, there is substantial cash savings possible on taxes paid through special federal tax incentives reserved exclusively in Renewal Communities (RCs) and Empowerment Zones (EZs). Eligible businesses in RCs and EZs that hire local residents outside the family may be eligible for yearly employment credits up to \$3,000 per employee in EZs and \$1,500 per employee in RCs. Businesses that hire 18-24 year-old RC/EZ residents, even if they are located outside these areas, may be eligible to claim work opportunity tax credits worth up to \$2,400 per hire. Businesses that construct or renovate non-residential real property in RCs may be eligible for accelerated depreciation through commercial revitalization deductions (CRD). Eligible business owners may receive CRD allocations from \$10,000 to \$10 million each year until 2010. Businesses interested in applying for a CRD allocation should contact their Renewal Community Director. Business owners can visit www.hud.gov/cr for contact information for Renewal Community directors.

Contact Information:

Pamela Glekas

Office of Community Renewal

Phone: 202-708-6339

Website: http://www.hud.gov/offices/cpd/economicdevelopment/programs/rc/businesses

31 Program: Grant Opportunities for Academic Liaison with Industry (GOALI)

Sector: R&D, Various

Incentive: Project funds or fellowships/traineeships

Grant Opportunities for Academic Liaison with Industry (GOALI) promotes university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages. Special interest is focused on affording the opportunity for:

Faculty, postdoctoral fellows, and students to conduct research and gain experience in an industrial setting; industrial scientists and engineers to bring industry's perspective and integrative skills to academe; and interdisciplinary university-industry teams to conduct research projects.

This solicitation targets high-risk/high-gain research with a focus on fundamental research, new approaches to solving generic problems, development of innovative collaborative industry-university educational programs, and direct transfer of new knowledge between academe and industry. GOALI seeks to fund transformative research that lies beyond that which industry would normally fund.

Contact Information:

Osman A Shinaishin, Program Coordinator
Office of International Science and Engineering
The National Science Foundation
4201 Wilson Boulevard
Arlington, Virginia 22230, USA
Phone: 703 292-5111 or 800- 877-8339
Direct Phone: 703- 292-7228
Email: oshinai@nsf.gov

Websites: <http://www.nsf.gov/oise>

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13706&org=NSF&sel_org=NSF&from=fund



- 32 Program: Industry/University Cooperative Research Centers Program (I/UCRC)**
Sector: R&D, Various
Incentive: Estimated 2-8 full center awards and 4-12 planning grant awards annually

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in their development and evolution. Each center is established to conduct research that is of interest to both the industry and the center. An I/UCRC not only contributes to the Nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education, but also encourages and fosters international cooperation and collaborative projects. The anticipated funding available under the program is \$8,000,000 to \$9,000,000.

Contact Information:

Rathindra DasGupta , Lead I/UCRC Program Director
Glenn H. Larsen, I/UCRC Program Director
National Science Foundation
I/UCRC Program
4201 Wilson Blvd
Arlington, VA 22230
Phone:703 292-5111 or 800 - 877-8339
I/UCRC Telephone number: 703- 292-8383.

Website: <http://www.nsf.gov/eng/iip/iucrc/>

33 Program: Bilateral Investment Treaty (BIT)

Sector: All

Incentive: Fair, Transparent Treatment

The U.S. Bilateral Investment Treaty (BIT) program has the basic aims of:

Protecting U.S. investment abroad in countries where investor rights are not already protected through existing agreements (such as Treaties of Friendship, Commerce, and Navigation, or Free Trade Agreements); (2) Encouraging the adoption of market-oriented domestic policies that treat private investment in an open, transparent, and non-discriminatory way; and (3) Supporting the development of international law standards consistent with these objectives.

Key obligations of recent U.S. BITs include:

- Non-discriminatory treatment at all stages of an investment. Investors receive national treatment and most-favored-nation treatment, subject to narrow exceptions in a limited number of sectors.
- Application of the customary international law minimum standard of treatment, including fair and equitable treatment and full protection and security, to covered investments.
- Expropriation only where consistent with customary international law principles, including payment of prompt, adequate, and effective compensation.
- Free transfers of capital relating to an investment, without delay, both into and out of the territory of the investment.
- Prohibition of certain trade-distorting performance requirements, such as local content, export, or technology transfer requirements.
- Freedom from requirements to hire senior management of a particular nationality.
- Transparency requirements, including prompt publication of laws and regulations and, to the extent possible, reasonable opportunity to comment on proposed laws and regulations.
- Access for investors to binding international arbitration for breach of BIT obligations or breach of certain contractual obligations of a Party.

Limited exceptions to the national treatment, most-favored-nation treatment, performance requirements, and senior management obligations are listed in each BIT's Annexes of Non-Conforming Measures. In most cases, foreign investors can take advantage of the benefits of U.S. BITs by incorporating or forming a subsidiary in the United States. As of January 2009, the United States had BITs in force with 40 countries. For a list of U.S. BITs currently in force, visit: <http://www.state.gov/e/eeb/ifd/bit/117402.htm>. For the text of BITs and Treaties of Friendship, Commerce, and Navigation, visit: http://tcc.export.gov/Trade_Agreements/Bilateral_Investment_Treaties/index.asp.

Contact Information:

Office of Investment Affairs

U.S. Department of State

Phone 202-736-4907

Jonathon (Josh) Kallmer

Office of the United States Trade Representative

Phone: 202-395-9451

Website: http://www.ustr.gov/Trade_Agreements/BIT/Section_Index.html

34 Program: Free Trade Agreements

Sector: All

Incentive: Fair, Transparent Treatment

U.S. Free Trade Agreements (FTAs) typically contain an investment chapter designed to protect direct and portfolio investment by providing an open, predictable legal framework. Investment chapter provisions are similar to those contained in U.S. Bilateral Investment Treaties. Key investment obligations of recent FTAs include:

- Non-discriminatory treatment at all stages of an investment. Investors receive national treatment and most-favored-nation treatment, subject to narrow exceptions in a limited number of sectors.
- Application of the customary international law minimum standard of treatment, including fair and equitable treatment and full protection and security, to covered investments.
- Expropriation only where consistent with customary international law principles, including payment of prompt, adequate, and effective compensation.
- Free transfers of capital relating to an investment, without delay, both into and out of the territory of the investment.
- Prohibition of certain trade-distorting performance requirements, such as local content, export, or technology transfer requirements.
- Freedom from requirements to hire senior management of a particular nationality.
- Transparency requirements (found in a separate Transparency chapter), including prompt publication of laws and regulations and, to the extent possible, reasonable opportunity to comment on proposed laws and regulations.
- Access for investors to binding international arbitration for breach of investment chapter obligations or breach of certain contractual obligations of a Party.

Limited exceptions to the national treatment, most-favored-nation treatment, performance requirements, and senior management obligations are listed in the Annexes of Non-Conforming Measures of each FTA.

In most cases, foreign investors can take advantage of the benefits of U.S. FTAs (including those outside the investment chapter), by incorporating or forming a subsidiary in the United States.

The U.S. is party to many bilateral and regional FTAs. For a list of U.S. FTAs concluded and under negotiation, visit http://www.ustr.gov/Trade_Agreements/Section_Index.html.

Contact Information:

Jonathon (Josh) Kallmer

Office of the United States Trade Representative

Phone: 202-395-9451

Website: http://www.ustr.gov/Trade_Agreements/Section_Index.html



35 Program: Research and Development Tax Credit

Sector: ALL

Incentive: Standard R&D credit

As part of the Emergency Stabilization Act of 2008 (Bailout Bill) passed by Congress October 6, 2008, the Research and Development Tax Credit was extended through 2009. Though originally set to expire in 2007, with the extension companies are eligible to claim the credit in the 2008 and 2009 tax years. The standard R&D credit, a 20 percent rate, is an incremental credit calculated based on increasing research expenses over a base year. "Base rate" is currently defined as a fixed-base percentage of the average sales over the preceding four years. For most firms, this percentage is defined as the average ratio of R&D to sales over the five-year period 1984-1988; there is a different formula for firms started up more recently. Renewed in the Emergency Stabilization Act of 2008.

Contact Information:

Public Law 110-343—OCT. 3, 2008

Website: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=110_cong_public_laws&docid=f:publ343.110.pdf