

Topic/Opportunity	Federal Agency	Due Date	General Eligibility	Total Available	Award Floor	Award Ceiling	Awards expected	Required Cost Share
Agriculture								
Value-Added Producer Grant Program	USDA	7/6/09	Applicants must be an Independent Producer, Agriculture Producer Group, Farmer or Rancher Cooperative, or Majority-Controlled Producer-Based Business Venture	\$18,000,000	none	\$300,000	80	1 to 1
Critical Agricultural Materials	USDA	7/7/09	Applications may be submitted by any person, or public or private agency or organization.	\$1,000,000	none	none	1 to 2	none
Agriculture and Food Research Initiative Competitive Grants Program	USDA	7/30/09	Eligible applicants for the grant program implemented under this subpart include: (1) State agricultural experiment stations; (2) colleges and universities (including junior colleges offering associate degrees or higher); (3) university research foundations; (4) other research institutions and organizations; (5) Federal agencies, (6) national laboratories; (7) private organizations or corporations; (8) individuals who are U.S. citizens, nations, or permanent residents; and (9) any group consisting of 2 or more entities identified in (1) through (8)	\$190,000,000	\$0	\$4,000,000	multiple	50%
Biomass								
Biotechnology, Biochemical, and Biomass Engineering Grant	NSF	9/15/09	Universities and Colleges; non-profit, non-academic organizations, laboratories, professional societies and similar organizations in the U.S. that are directly associated with educational or research activities; for-profit organizations; state and local Governments; Unaffiliated Individuals; select foreign organizations	n/a	varies	varies	unknown	unknown
Biorefineries								
Recovery Act - Demonstration of Integrated Biorefinery Operations	USDOE	6/30/09	1) Institutions of higher education; 2) Nonprofit and for-profit private entities; 3) State and local governments; 4) Indian Tribes; 5) Tribal Energy Resource Development Organizations or Groups and 6) Consortia of entities 1 through 5.	\$480,000,000	none	\$25,000,000 - pilot-scale \$50,000,000 - demonstration-scale	15	10-20% - pilot-scale 25-50% - demonstration-scale
Buildings								
Net Zero Energy Commercial Building Initiative Supporting Consortium	USDOE	7/14/09	All types of entities are eligible to apply, except other Federal agencies, Federally Funded Research and Development Center (FFRDC) Contractors, and nonprofit organizations	\$1,000,000	none	\$1,000,000	1	20%
CO2 Sequestration and Storage								
Recovery Act: Regional Sequestration Technology Training	USDOE	7/22/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$6,970,000	\$500,000	\$995,000	7	not required but encouraged
Recovery Act: Site Characterization of Promising Geologic Formations for CO ₂ Storage	USDOE	8/3/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$49,750,000	\$3,000,000	\$4,975,000	10	20%
Recovery Act: Carbon Capture and Sequestration from Industrial Sources and Innovative Concepts for Beneficial CO ₂ Use	USDOE	8/7/09	All types of entities are eligible to apply, except other Federal agencies, Federally Funded Research and Development Center (FFRDC) Contractors, and lobbying nonprofit organizations	\$1,421,765,000	none	none	16-20	20%
Combined Heat and Power								
Request for Information (RFI) on performance, durability, and cost targets for fuel cells designed for Combined Heat and Power (CHP) and Auxiliary Power Unit (APU) Applications	USDOE	6/30/09	All types of entities	\$0	\$0	\$0	0	0

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Combined Heat and Power Systems Technology Development and Demonstration	USDOE	7/7/09	All types of entities are eligible to apply, except other Federal agencies, Federally Funded Research and Development Center (FFRDC) Contractors, and lobbying nonprofit organizations	\$35,000,000	\$250,000	\$30,000,000	3 to 30	30% - 50%
Recovery Act: Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment	USDOE	7/14/09	All types of entities are eligible to apply, except other Federal agencies, Federally Funded Research and Development Center (FFRDC) Contractors, and lobbying nonprofit organizations	\$156,000,000	none	\$10,000,000	12 to 72	50%
Environmental								
Brownfields Economic Development Initiative (BEDI)	USEPA	6/16/09	Any public entity eligible to apply for Section 108 loan guarantee assistance	\$20,000,000	none	\$2,000,000	multiple	50%
Biosolids Regulators Technology and Management Training Workshops	USEPA	6/22/09	Each State, territory and possession, and Tribal nation of the United States, for public and private State universities and colleges, hospitals, laboratories, State and local government departments, and other public or private nonprofit institutions and in some cases, individuals or foreign entities who have demonstrated unusually high scientific ability, and non-profit organizations (non-lobbying)	\$75,000	none	\$75,000	1	none
Conservation Effects Assessment Program (CEAP)	USDA	7/1/09	Colleges and universities	\$2,000,000	\$0	\$660,000	3	1 to 1
Multi-Media Grant Program Solicitation Notice	USEPA	7/13/09	State agencies, U.S. territories, federally recognized Indian Tribes and Intertribal Consortia, and multi-jurisdictional State organizations and associations of environmental regulatory professionals with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including but not limited to data management or research. In addition, public universities and colleges with expertise in compliance assurance and enforcement issues, including compliance assistance and training to tribal environmental professionals	\$1,840,000	\$50,000	\$200,000	multiple	not required but encouraged
Environmental Finance Center Grant Program	USEPA	7/15/09	Public and private non-profit universities and colleges and non-profit organizations (non-lobbying)	\$24,000,000	none	none	10	not required but encouraged
Renewable Resources Extension Act - National Focus Fund Projects	USDA	7/15/09	Applications may be submitted by 1862 and 1890 land-grant institutions	\$350,000	\$95,000	\$170,000	3	none
FY 2009 National Wetland Program Development Grants	USEPA	7/15/09	Non-profit (no-lobbying), non-governmental organizations, interstate agencies, and intertribal consortia which are capable of undertaking activities that advance wetland programs are eligible	\$550,000	\$25,000	\$225,000	multiple	25%
Innovative Technologies and Methodologies Addressing Various Environmental Problems	Navy	8/26/09	Any responsible prospective contractor	TBD	TBD	TBD	1 or more	none
Environmental Implications of Emerging Technologies	NSF	9/15/09	Universities and Colleges; non-profit, non-academic organizations, laboratories, professional societies and similar organizations in the U.S. that are directly associated with educational or research activities; for-profit organizations; state and local Governments; Unaffiliated Individuals; select foreign organizations	n/a	varies	varies	unknown	unknown
Environmental Sustainability	NSF	9/15/09		n/a	varies	varies	unknown	unknown

Topic/Opportunity	Federal Agency	Due Date	General Eligibility	Total Available	Award Floor	Award Ceiling	Awards expected	Required Cost Share
Recovery Act - Environmental Internships	USDOJ	9/30/10	State, County, City ,Township,or special district governments; indepedndent school districts; Private, Public and State controlled institutions of higher education;Native American tribal governments (Federally recognized);Public housing authorities;Indian housing authorities;Native American tribal organizations (other than Federally recognized tribal governments);Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education;Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education;individuals, for-profit organizations other than small businesses, small businesses.	\$5,000,000	\$1,000	\$500,000	40	unknown
Energy Efficiency								
Recovery Act: Energy Efficient Information and Communication Technology Grant	USDOE	7/17/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$50,000,000	none	\$10,000,000	5 to 15	20% - Definitions, R&D 50% - Demonstration
Formula Awards								
Recovery Act - Energy Efficiency and Conservation Block Grants (EECBG)	USDOE	6/25/09	States, US Territories, Indian tribes, and units of local governments (cities and counties and their equivalents)	\$2,702,626,200	formula for eligible applicants	formula for eligible applicants	mutiple	none
Recovery Act - Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency	USDOE	6/30/2009	State Energy Offices	\$39,500,000	formula for eligible applicants	formula for eligible applicants	56	none
Program Year 2009 Weatherization Formula Grants	USDOE	8/1/09	Restricted to all fifty states,the District of Columbia, and the U.S. Territories	\$473,000,000	formula for eligible applicants	formula for eligible applicants	mutiple	none
Specialty Crop Block Grant Program	USDA	8/26/09	State departments of agriculture	\$49,000,000	formula for eligible applicants	formula for eligible applicants	mutiple	none
Recovery Act - Energy Star	USDOE	TBD	Restricted to all fifty states,the District of Columbia,	TBD	State Energy	TBD	formula for eligibile	formula for eligible
Geothermal								
Recovery Act - Enhanced Geothermal Systems Component Research and Development/Analysis	USDOE	7/17/09	Domestic applicants are eligible to apply including institutions of higher education, nonprofit entities (as described in section 501(c)(4) of the Internal Revenue Code of 1986),for-profit private entities, State/Local Governments, and Indian tribes.	\$56,000,000	none	\$5,000,000	20 to 64	20%
Recovery Act: Geothermal Technologies Program	USDOE	7/22/09	Institutions of higher education, non-profit and for-profit private entities, State and Local Governments, Indian tribes, and Tribal Energy Resource Development Organizations or Groups.	\$170,000,000	none	\$20,000,000	65	10% to 50%
Recovery Act - Enhanced Geothermal Systems Demonstration	USDOE	7/30/09	Domestic applicants are eligible to apply including institutions of higher education, nonprofit entities (as described in section 501(c)(4) of the Internal Revenue Code of 1986), for profit private entities, State/Local Governments, and Indian tribes	\$90,000,000	none	\$25,000,000	10	50%
Recovery Act: Geothermal Technologies Program Ground Source Heat Pumps	USDOE	8/6/09	Institutions of higher education, non-profit and for-profit private entities, State and Local Governments, Indian Tribes, and Tribal Energy Resource Development Organizations or Groups.	\$50,000,000	none	\$5,000,000	21	Topic 1: 50% Topic 2: 20% Topic 3: none
Green Jobs/Economic Development								
Recovery Act - Green Jobs Training	USDOL	TBD	TBD	\$750,000,000	TBD	TBD	TBD	TBD

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Recovery Act - Economic Development Administration Funding	USDOC	Ongoing	Pursuant to PWEDA, eligible applicants for and eligible recipients of EDA investment assistance include a(n): (i) District Organization; (ii) Indian Tribe or a consortium of Indian Tribes; (iii) State, a city or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (iv) institution of higher education or a consortium of institutions of higher education; or (v) public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State	\$150,000,000	n/a	n/a	n/a	50%
Economic Development Assistance Programs	USDOC	Ongoing		\$250,741,104	varies by program	varies by program	multiple	50%
Hydrogen								
Novel Non-Precious Metal Hydrogen Separation and Production R&D Grant	USDOE	7/1/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$5,000,000	none	none	5	20%
Hydropower								
Advanced Water Power	USDOE	6/18/09	Topic Area 4 is restricted to industry or university-led partnerships with at least one university, national laboratory, or other partner; Topic Area 5 is restricted to industry members or industry-led partnerships; Topic Area 6 is restricted to universities, research institutes, foundations or non-profit organizations or institutes.	\$10,000,000	\$250,000	\$3,000,000	3 to 8	20% - Topics 4 & 5 none - Topic 6
Industrial								
Industrial Energy Grand Challenge	USDOE	7/14/09	All types of entities are eligible to apply	\$15,000,000	\$100,000	\$300,000	50	20%
Recovery Act - Clean Coal Power Initiative Round 3	USDOE	Letter of Intent -7/24/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$1,400,000,000	none	none	multiple	50%
Research and Development								
Technology Innovation Program	USDOC	6/23/09	A U.S.-owned, single, small-sized or medium-sized company doing a majority of its business in the United States or a joint venture may apply; Nonprofit organizations, meeting certain criteria	\$25,000,000	none	\$9,000,000	25	50%
Recovery Act - Academic Research Infrastructure Program	NSF	Letter of Intent -7/1/09	Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the United States, its territories and possessions. Independent non-profit research museums, independent non-profit research institutions and laboratories, and non-profit research consortia located in the United States, its territories and possessions.	\$200,000,000	\$250,000	\$10,000,000	100 to 120	none
Recovery Act - Measurement Science and Engineering Research Grants Program	USDOC	7/13/09	This program is open to U.S. institutions of higher education; U.S. non-profit organizations; U.S. commercial organizations; and state, local, and Indian tribal governments.	\$35,000,000	\$500,000	\$1,500,000	20 to 60	none
Partnerships for International Research and Education (PIRE) Grant	NSF	8/4/09	Universities that granted one (1) or more Ph. D. in a science or engineering field since January 1, 2006, accredited in, and having a campus located in the U.S. Data on science and engineering Ph. D. production	\$40,000,000	none	none	5 to 20	none
Catalysis and Biocatalysis	NSF	9/15/09		n/a	varies	varies	unknown	unknown
Thermal Transport Processes	NSF	9/15/09		n/a	varies	varies	unknown	unknown

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Engineering Design and Innovation	NSF	9/15/09	Universities and Colleges; non-profit, non-academic organizations, laboratories, professional societies and similar organizations in the U.S. that are directly associated with educational or research activities; for-profit organizations; state and local Governments; Unaffiliated Individuals; select foreign organizations	n/a	varies	varies	unknown	unknown
Materials Processing and Manufacturing	NSF	10/1/09		n/a	varies	varies	unknown	unknown
Structural Materials and Mechanics	NSF	10/1/09		n/a	varies	varies	unknown	unknown
Sensors and Sensing Systems	NSF	10/1/09		n/a	varies	varies	unknown	unknown
Manufacturing Enterprise Systems	NSF	10/1/09		n/a	varies	varies	unknown	unknown
Materials and Surface Engineering	NSF	10/1/09		n/a	varies	varies	unknown	unknown
Manufacturing and Construction Machines and Equipment	NSF	10/1/09		\$300,000			unknown	unknown
Control Systems	NSF	10/2/09		n/a	varies	varies	unknown	unknown
Electronic and Photonic Materials	NSF	10/31/09		n/a	varies	varies	unknown	unknown
Biomaterials	NSF	10/31/09		n/a	varies	varies	unknown	unknown
Experimental Program to Stimulate Competitive Research (EPSCoR); Building EPSCoR-State/National Laboratory Partnerships	USDOE	11/1/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$1,700,000	\$0	\$200,000	multiple	none
Basic and Applied Scientific Research	Army	9/30/11	Educational institutions, nonprofit organizations, and commercial organizations	n/a	n/a	\$50,000	multiple	none
Rural Development								
Rural Development Rural Utilities Community Connect Grant Program	USDA	6/19/09	Be legally organized as an incorporated organization, a state or local unit of government, an Indian tribe or tribal legal entity, including cooperatives or private corporations or limited liability companies organized on a for profit or not-for profit basis.	\$13,406,000	\$50,000	\$1,000,000	multiple	15%
Rural Cooperative Development	USDA	6/30/09	An applicant must be a nonprofit U.S. agricultural trade organization	\$4,400,000	none	\$200,000	20	50%
New Era Rural Technology Competitive Grants Program (RTP)	USDA	7/20/09	Applications may be submitted by either: (1) public or private nonprofit community colleges, or (2) advanced technological centers, either of which must : a. be located in a rural area; b. have been in existence as of June 18, 2008; c. participate in agricultural or bioenergy research and applied research; d. have a proven record of development and implementation of programs to meet the needs of students, educators, and business and industry to supply the agriculture-based, renewable energy or pulp and paper manufacturing fields with certified technicians, as determined by the Secretary; and e. have the ability to leverage existing partnerships and occupational outreach and training programs for secondary schools, 4-year institutions, and relevant nonprofit organizations.	\$750,000	\$0	\$300,000	multiple	none
Rural Energy Program - Renewable Energy Feasibility Grants	USDA	7/31/09	Agricultural Producers (individual or entity directly engaged in the production of agricultural products that gets 50 percent plus of their gross income from agricultural production) or Small Rural Businesses (must meet SBA definition of small business) that are private entities, sole proprietorships, partnerships, corporations, or cooperatives. The applicant must also be located in a rural area that has a population of less than 50,000	\$6,000,000	\$1,500	\$50,000	150	75% - grant

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Rural Energy Program - Renewable Energy Systems and Energy Efficiency Improvements Grants and Guaranteed Loans	USDA	7/31/09	Agricultural Producers (individual or entity directly engaged in the production of agricultural products that gets 50 percent plus of their gross income from agricultural production) or Small Rural Businesses (must meet SBA definition of small business) that are private entities, sole proprietorships, partnerships, corporations, or cooperatives. The applicant must also be located in a rural area that has a population of less than 50,000	\$51,600,000	\$1,500	\$500,000	1100	75% - grant - loan 25%
Recovery Act - Rural Business Enterprise Grant Program	USDA	Ongoing	Public bodies and private nonprofit corporations, such as States, counties, cities, townships, and incorporated towns and villages, boroughs, authorities, districts and Indian tribes on Federal and State reservations which will serve rural areas	\$20,000,000	n/a	n/a	200	None
Smart Grid								
Recovery Act - Smart Grid Demonstrations	USDOE	TBD	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$615,000,000	none	none	44 to 67	50%
Recovery Act - Smart Grid Investments	USDOE	TBD	Electric utilities, such as investor-owned utilities, municipality-owned utilities, and rural electric cooperatives; Load serving entities, or load distribution companies, which provide electricity distribution services; Retail distributors or marketers of electricity which sell electricity to consumers; System operators which coordinate, control, and monitor the operation of the electrical power transmission systems within a single state or region, and Manufacturers of appliances and equipment to enable smart grid functionalities.	TBD	\$100,000	\$20,000,000	TBD	50%
Solar								
Recovery Act: National Laboratory Call for Foundational Photovoltaics and Concentrating Solar Power Research and Development	USDOE	7/15/09	Eligibility is restricted to DOE National Laboratories or DOE National Laboratory-led Consortia	\$17,000,000	none	\$4,500,000	10 to 15	20%
Recovery Act: Solar Market Transformation	USDOE	7/30/09	Topic 1: award is restricted to the existing 25 Solar America Cities; Topic 2: Open to all domestic entities or institutions	\$37,000,000	\$100,000	\$6,000,000	12 to 30	Topic 1: 50% Topic 2: Not required but encouraged
Recovery Act: High Penetration Solar Deployment	USDOE	7/30/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$37,500,000	none	\$7,500,000	9 to 13	Topic 1 & 2 - 20% Topic 3 & 4 - 50%
Transportation/Vehicles								
Recovery Act - Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks (SuperTruck) and Advanced Technology Powertrains For Light-Duty Vehicles (ATP-LD)	USDOE	9/9/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	\$115,000,000 to \$240,000,000	\$2,000,000 to \$20,000,000	\$15,000,000 to \$40,000,001	6 to 11	50%
Recovery Act - Transportation Investment Generating Economic Recovery (TIGER) - Grants for Surface Transportation	USDOT	9/15/09	State and local governments, including U.S. territories, tribal governments, transit agencies, port authorities, other political subdivisions of State or local governments, and multi-State or multi-jurisdictional applicants	\$1,500,000,000	\$20,000,000	\$300,000,000	multiple	unknown
Recovery Act - Clean Cities FY09 Petroleum Reduction Technologies Projects for Transportation Sector	USDOE	9/30/09	Limited to State or local governments or a metropolitan transportation authority, or combinations of these, and a designated Clean Cities Coalition in order to apply to the program funding	\$300,000,000	\$5,000,000	\$15,000,000	20 to 30	50%
Recovery Act - Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER)	USDOT	TBD	Eligible recipients under this program are public transportation agencies.	\$100,000,000	\$2,000,000	\$25,000,000	30	none

Topic/Opportunity	Federal Agency	Due Date	General Eligibility	Total Available	Award Floor	Award Ceiling	Awards expected	Required Cost Share
Recovery Act - Tribal Transit Program	USDOT	TBD	Eligible applicants include federally-recognized Indian tribes or Alaska Native villages, groups, or communities as identified by the Bureau of Indian Affairs (BIA) in the Department of the Interior (DOI).	\$17,000,000				
Federal Aviation Administration - Efficient Airplanes and Airports	FAA	1/31/12	The eligibility of applicants for the award of a research grant varies depending upon the nature of the proposer's organization as well as the character of work one proposes to perform. In general, colleges, universities, and other non-profit research institutions are eligible to qualify for research grants in all specified areas.	n/a	n/a	n/a	n/a	required but no level indicated
Energy Efficiency and Renewable Energy System Technology Research and Development (SBIR [R43/R44])	USDHFS	1/7/12	Only United States small business concerns (SBCs) are eligible to submit SBIR applications	n/a	\$0	\$750,000	n/a	none
Wind								
Recovery Act: Wind University R&D Consortium	USDOE	7/29/09	Restricted to consortia led by an institution of higher learning. The consortia must include at least one four-year institution of higher learning that has at least one engineering program that is accredited by the Accreditation Board for Engineering and Technology (ABET)	\$24,000,000	\$8,000,000	\$12,000,000	2 to 3	10%
Other								
EII Omnibus Procurement II RFP	EIA	6/22/09	Any responsible prospective contractor	\$6,000,000	\$2,500	\$6,000,000	1 or more	
Advanced Technological Education (ATE)	NSF	10/15/09	None specified	\$46,000,000			75	
Office of Science Grants and Cooperative Agreements	USDOE	9/30/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers	n/a	none	none	n/a	none

Update - June 10, 2009 3:45 PM

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Topic/Opportunity	Federal Agency	Program Area
Agriculture		
Biomass		
Biorefineries		
Recovery Act - Demonstration of Integrated Biorefinery Operations	USDOE	Office of Energy Efficiency and Renewable Energy -Golden Field Office
Buildings		
CO2 Sequestration and Storage		
Recovery Act: Regional Sequestration Technology Training	USDOE	Office of Fossil Energy's (FE's) Coal Program - National Energy Technology Laboratory
Recovery Act: Site Characterization of Promising Geologic Formations for CO ₂ Storage	USDOE	Office of Fossil Energy's (FE's) Coal Program -National Energy Technology Laboratory
Recovery Act: Carbon Capture and Sequestration from Industrial Sources and Innovative Concepts for Beneficial CO ₂ Use	USDOE	National Energy Technology Laboratory
Combined Heat and Power		
Recovery Act: Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment	USDOE	Office of Energy Efficiency and Renewable Energy -National Energy Technology Laboratory
Environmental		
Recovery Act - Environmental Internships	USDOE	Fish and Wildlife Service
Energy Efficiency		
Recovery Act: Energy Efficient Information and Communication Technology Grant	USDOE	Office of Energy Efficiency and Renewable Energy -Golden Field Office
Formula Awards		
Recovery Act - Energy Efficiency and Conservation Block Grants (EECBG)	USDOE	National Energy Technology Laboratory
Recovery Act - Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency	USDOE	National Energy Technology Laboratory

Recovery Act - Energy Star	USDOE	TBD
Geothermal		
Recovery Act - Enhanced Geothermal Systems Component Research and Development/Analysis	USDOE	Office of Energy Efficiency and Renewable Energy -Golden Field Office
Recovery Act: Geothermal Technologies Program	USDOE	Office of Energy Efficiency and Renewable Energy -Golden Field Office
Recovery Act - Enhanced Geothermal Systems Demonstration	USDOE	Office of Energy Efficiency and Renewable Energy -Golden Field Office
Recovery Act: Geothermal Technologies Program Ground Source Heat Pumps	USDOE	Office of Energy Efficiency and Renewable Energy -Golden Field Office
Green Jobs/Economic Development		
Recovery Act - Green Jobs Training	USDOL	
Recovery Act - Economic Development Administration Funding	USDOC	Economic Development Administration (EDA)
Hydrogen		
Hydropower		
Industrial		
Recovery Act - Clean Coal Power Initiative Round 3	USDOE	National Energy Technology Laboratory
Research and Development		

Recovery Act - Academic Research Infrastructure Program	NSF	Office of Integrative Activities; Directorate for Biological Sciences; Directorate for Computer & Information Science & Engineering; Directorate for Education & Human Resources; Directorate for Engineering; Directorate for Geosciences; Directorate for Mathematical & Physical Sciences; Directorate for Social, Behavioral & Economic Sciences; Office of Cyberinfrastructure; Office of International Science and Engineering; Office of Polar Programs
Recovery Act - Measurement Science and Engineering Research Grants Program	USDOC	National Institute of Standards and Technology (NIST)
Rural Development		
Recovery Act - Rural Business Enterprise Grant Program	USDA	Rural Business-Cooperative Service
Smart Grid		
Recovery Act - Smart Grid Demonstrations	USDOE	
Recovery Act - Smart Grid Investments	USDOE	National Energy Technology Laboratory
Solar		
Recovery Act: National Laboratory Call for Foundational Photovoltaics and Concentrating Solar Power Research and Development	USDOE	Office of Energy Efficiency and Renewable Energy - Golden Field Office
Recovery Act: Solar Market Transformation	USDOE	Solar Energy Technology Program (SETP) - Golden Field Office
Recovery Act: High Penetration Solar Deployment	USDOE	Office of Energy Efficiency and Renewable Energy - Golden Field Office
Transportation/Vehicles		
Recovery Act - Systems Level Technology Development, Integration, and Demonstration for Efficient Class 8 Trucks (SuperTruck) and Advanced Technology Powertrains For Light-Duty Vehicles (ATP-LD)	USDOE	National Energy Technology Laboratory
Recovery Act - Transportation Investment Generating Economic Recovery (TIGER) - Grants for Surface Transportation	USDOT	Office of the Secretary of Transportation

Recovery Act - Clean Cities FY09 Petroleum Reduction Technologies Projects for Transportation Sector	USDOE	Office of Energy Efficiency and Renewable Energy - National Energy Technology Laboratory
Recovery Act - Transit Investments for Greenhouse Gas and Energy Reduction (TIGGER)	USDOT	Federal Transit Administration (FTA)
Recovery Act - Tribal Transit Program	USDOT	Federal Transit Administration (FTA)
Wind		
Recovery Act: Wind University R&D Consortium	USDOE	Office of Energy Efficiency and Renewable Energy - Golden Field Office
Other		

Update - June 10, 2009 3:45 PM

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CDFA# - Topic	Due Date	General Eligibility
81.087 -Renewable Energy Research and Development	6/30/09	1) Institutions of higher education; 2) Nonprofit and for-profit private entities; 3) State and local governments; 4) Indian Tribes; 5) Tribal Energy Resource Development Organizations or Groups and 6) Consortia of entities 1 through 5.
81.089 - Fossil Energy Research and Development	7/22/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers
81.089 - Fossil Energy Research and Development	8/3/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers
81.089 - Fossil Energy Research and Development	8/7/09	All types of entities are eligible to apply, except other Federal agencies, Federally Funded Research and Development Center (FFRDC) Contractors, and lobbying nonprofit organizations
81.087 -Renewable Energy Research and Development	7/14/09	All types of entities are eligible to apply, except other Federal agencies, Federally Funded Research and Development Center (FFRDC) Contractors, and lobbying nonprofit organizations
15.656 - Recovery Act Funds - Habitat Enhancement, Restoration and Improvement	9/30/10	State, County, City ,Township,or special district governments; indepedndent school districts; Private, Public and State controlled institutions of higher education;Native American tribal governments (Federally recognized);Public housing authorities/Indian housing authorities;Native American tribal organizations (other than Federally recognized tribal governments);Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education;Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education;individuals, for-profit organizations other than small businesses, small businesses.
81.086 -Conservation Research and Development	7/17/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers
81.128 - Energy Efficiency and Conservation Block Grant Program (EECBG)	6/25/09	States, US Territories, Indian tribes, and units of local governments (cities and counties and their equivalents)
81.122 - Electricity Delivery and Energy Reliability, Research, Development and Analysis	6/30/2009	State Energy Offices

TBD	TBD	State Energy Offices
81.087 -Renewable Energy Research and Development	7/17/09	Domestic applicants are eligible to apply including institutions of higher education, nonprofit entities (as described in section 501(c)(4) of the Internal Revenue Code of 1986), for profit private entities, State/Local Governments, and Indian tribes
81.087 -Renewable Energy Research and Development	7/22/09	Institutions of higher education, non-profit and for-profit private entities, State and Local Governments, Indian tribes, and Tribal Energy Resource Development Organizations or Groups.
81.087 -Renewable Energy Research and Development	7/30/09	Domestic applicants are eligible to apply including institutions of higher education, nonprofit entities (as described in section 501(c)(4) of the Internal Revenue Code of 1986), for profit private entities, State/Local Governments, and Indian tribes
81.087 - Renewable Energy Research and Development	8/6/09	Institutions of higher education, non-profit and for-profit private entities, State and Local Governments, Indian Tribes, and Tribal Energy Resource Development Organizations or Groups.
	TBD	TBD
11.300, Investments for Public Works and Economic Development Facilities; 11.307, Economic Adjustment Assistance.	Ongoing	Pursuant to PWEDA, eligible applicants for and eligible recipients of EDA investment assistance include a(n): (i) District Organization; (ii) Indian Tribe or a consortium of Indian Tribes; (iii) State, a city or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (iv) institution of higher education or a consortium of institutions of higher education; or (v) public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State
81.089 - Fossil Energy Research and Development	Letter of Intent -7/24/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers

47.082 Trans-NSF Recovery Act Research Support	Letter of Intent -7/1/09	Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the United States, its territories and possessions. Independent non-profit research museums, independent non-profit research institutions and laboratories, and non-profit research consortia located in the United States, its territories and possessions.
11.609 - Small Grant Programs, Measurement and Engineering Research and Standards	7/13/09	This program is open to U.S. institutions of higher education; U.S. non-profit organizations; U.S. commercial organizations; and state, local, and Indian tribal governments.
10.783 Rural Business Enterprise Grant Program (RBEG),	Ongoing	Public bodies and private nonprofit corporations, such as States, counties, cities, townships, and incorporated towns and villages, boroughs, authorities, districts and Indian tribes on Federal and State reservations which will serve rural areas
81.122 - Electricity Delivery and Energy Reliability, Research, Development and Analysis	TBD	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers
81.122 - Electricity Delivery and Energy Reliability, Research, Development and Analysis	TBD	Electric utilities, such as investor-owned utilities, municipality-owned utilities, and rural electric cooperatives; Load serving entities, or load distribution companies, which provide electricity distribution services; Retail distributors or marketers of electricity which sell electricity to consumers; System operators which coordinate, control, and monitor the operation of the electrical power transmission systems within a single state or region, and Manufacturers of appliances and equipment to enable smart grid functionalities.
81.087 - Renewable Energy Research and Development	7/15/09	Eligibility is restricted to DOE National Laboratories or DOE National Laboratory-led Consortia
81.117 - Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	7/30/09	Topic 1: award is restricted to the existing 25 Solar America Cities; Topic 2: Open to all domestic entities or institutions
81.087 -Renewable Energy Research and Development	7/30/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers
81.087 -Renewable Energy Research and Development	9/9/09	All types of entities except non-profit 501c4 lobbying groups or Federally Funded Research and Development Centers
	9/15/09	State and local governments, including U.S. territories, tribal governments, transit agencies, port authorities, other political subdivisions of State or local governments, and multi-State or multijurisdictional applicants

81.086 -Conservation Research and Development	9/30/09	Limited to State or local governments or a metropolitan transportation authority, or combinations of these, and a designated Clean Cities Coalition in order to apply to the program funding
	TBD	Eligible recipients under this program are public transportation agencies.
20.509 -- Formula Grants for Other Than Urbanized Areas	TBD	Eligible applicants include federally-recognized Indian tribes or Alaska Native villages, groups, or communities as identified by the Bureau of Indian Affairs (BIA) in the Department of the Interior (DOI).
81.087 -Renewable Energy Research and Development	7/29/09	Restricted to consortia led by an institution of higher learning. The consortia must include at least one four-year institution of higher learning that has at least one engineering program that is accredited by the Accreditation Board for Engineering and Technology (ABET)

Total Available	Award Floor	Award Ceiling	Awards expected	Required Cost Share
\$480,000,000	none	\$25,000,000 - pilot-scale \$50,000,000 - demonstration-scale	15	10-20% - pilot-scale 25-50% - demonstration-scale
\$6,970,000	\$500,000	\$995,000	7	not required but encouraged
\$49,750,000	\$3,000,000	\$4,975,000	10	20%
\$1,421,765,000	none	none	16-20	20%
\$156,000,000	none	\$10,000,000	12 to 72	50%
\$5,000,000	\$1,000	\$500,000	40	unknown
\$50,000,000	none	\$10,000,000	5 to 15	20% - Definitions, R&D 50% - Demonstration
\$2,702,626,200	formula for eligible applicants	formula for eligible applicants	mutiple	none
\$39,500,000	formula for eligible applicants	formula for eligible applicants	56	none

TBD	formula for eligible applicants	formula for eligible applicants	mutiple	none
\$56,000,000	none	\$5,000,000	20 to 64	20%
\$170,000,000	none	\$20,000,000	65	10% to 50%
\$90,000,000	none	\$25,000,000	10	50%
\$50,000,000	none	\$5,000,000	21	Topic 1: 50% Topic 2: 20% Topic 3: none
\$750,000,000	TBD	TBD	TBD	TBD
\$150,000,000	n/a	n/a	n/a	50%
\$1,400,000,000	none	none	multiple	50%

\$200,000,000	\$250,000	\$10,000,000	100 to 120	none
\$35,000,000	\$500,000	\$1,500,000	20 to 60	none
\$20,000,000	n/a	n/a	200	None
\$615,000,000	none	none	44 to 67	50%
TBD	\$100,000	\$20,000,000	TBD	50%
\$17,000,000	none	\$4,500,000	10 to 15	20%
\$37,000,000	\$100,000	\$6,000,000	12 to 30	Topic 1: 50% Topic 2: Not required but encouraged
\$37,500,000	none	\$7,500,000	9 to 13	Topic 1 & 2 - 20% Topic 3 & 4 - 50%
\$115,000,000 to \$240,000,000	\$2,000,000 to \$20,000,000	\$15,000,000 to \$40,000,001	6 to 11	50%
\$1,500,000,000	\$20,000,000	\$300,000,000	multiple	unknown

\$300,000,000	\$5,000,000	\$15,000,000	20 to 30	50%
\$100,000,000	\$2,000,000	\$25,000,000	30	none
\$17,000,000				
\$24,000,000	\$8,000,000	\$12,000,000	2 to 3	10%

Topic/Opportunity	Federal Agency	Due Date
Agriculture		
Biomass		
Biomass Research and Development Initiative	USDOE/USDA	6/11/09
Biorefineries		
Buildings		
CO2 Sequestration and Storage		
Combined Heat and Power		
Environmental		
Resource Conservation and Recovery Act State Implementation Support	USDOE	6/11/09
Coordination of Regional Pollution Prevention Information Network Centers	USEPA	6/12/09
Pesticide Environmental Stewardship Program (PESP)	USEPA	6/12/09
Energy Efficiency		
Formula Awards		
Geothermal		
Green Jobs/Economic Development		
Hydrogen		
Hydropower		
Industrial		
Research and Development		
Recovery Act - Advanced Research Projects Agency - Energy (ARPA-E)	USDOE	6/10/09

Rural Development		
Smart Grid		
Solar		
Transportation		
Wind		
Other		

Update - June 10, 2009 11:45 AM

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6. Foreign organizations NSF rarely provides support to foreign organizations. NSF will consider proposals for cooperative projects involving U.

General Eligibility	Total Available	Award Floor	Award Ceiling
All entities listed under Section 9008(e)(5) of the Food, Conservation and Energy Act of 2008 are eligible to apply. Eligible entities include: (A) an institution of higher education; (B) a National Laboratory; (C) a Federal research agency; (D) a State research agency; (E) a private sector entity; (F) a nonprofit organization; or (G) a consortium of 2 or more entities described in subparagraphs (A) through (F).	\$25,000,000	\$1,000,000	\$5,000,000
State, local, tribal, interstate, and intrastate government agencies and instrumentalities and non-profit organizations (non-lobbying), nonprofit educational institutions and non-profit hospitals	\$7,000,000	none	\$1,400,000
States, local, city or township governments, independent school districts, incorporated non-profit organizations (other than institutions of higher education, non-lobbying), public and private institutions of higher education, community-based grassroots organizations, and Federally-recognized Indian Tribes.	\$230,000	none	none
Eligible applicants include the 50 States, any agency or instrumentality of a State including State universities, and all federally recognized Indian tribal governments.	\$500,000	none	\$50,000
Any capable technology and research entity	\$150,000,000	\$500,000	\$20,000,000

Awards expected	Required Cost Share	Assigned to for review	Notes (partners, lead applicant, etc.)
5 to 25	20% - R&D - Demonstration 50%		
1 (incremental)	not required but encouraged		
1	5%		
10	none		
multiple	20%		

Grant	ARRA	Due	Submitted	Notification	Federal Amt	Match	% match	Total	Awarded	Notes
Clean Cities - Biofuels	no	03/31/09	03/31/09	08/01/09	\$1,000,000	\$1,000,000	50%	\$2,000,000	pending	
Clean Diesel	yes	04/28/09	04/28/09	06/15/09	\$1,190,000	\$0	0%	\$1,190,000	no	
SEP Formula	no	04/14/09	05/14/09	07/01/09	\$1,992,000	\$355,741	15%	\$2,347,741	pending	match includes \$121,119 of FOE and \$234,622.34 of PVE
SEP ARRA Formula	yes	05/12/09	05/08/09	06/15/09	\$55,488,000	\$0	0%	\$55,488,000	pending	
Clean Cities- AFVs	yes	05/29/09	05/29/09	08/01/09	\$15,000,000	\$17,047,478	53%	\$32,047,478	pending	
EECBG	yes	06/25/09	05/11/09	07/01/09	\$11,743,000	\$0	0%	\$11,743,000	pending	
Save Energy Now (Phase I)	yes		10/16/08	06/15/09	\$350,000	\$123,000	26%	\$473,000	yes	Phase I - first 18 months
Save Energy Now (Phase II)	yes		10/16/08	06/15/06	\$545,000	\$161,000	23%	\$706,000	yes	Phase II - next 24 months
Energy Assurance	yes	07/30/09		10/30/2009	\$716,382	\$0	0%	\$716,382	pending	preparing application
Grand Total					\$88,024,382	\$18,687,219		\$106,711,601		

2009 Successful Grants					Federal Amt Applied for	Match	% match	Total	Awarded	Notes
SEP ARRA Formula	yes	05/12/09	05/08/09	6/15/2009	\$55,488,000	\$0	0%	\$5,548,800	yes	first 10% approved
Save Energy Now (Phase I)	yes		10/16/08	06/15/09	\$350,000	\$123,000	26%	\$473,000	yes	Phase I - first 18 months
Save Energy Now (Phase II)	yes		10/16/08	06/15/09	\$545,000	\$161,000	23%	\$706,000	yes	Phase II - next 24 months
Grand Total					\$56,383,000	\$284,000	4%	\$6,727,800		

Overall Success Rate 6%

Update - June 15, 2009
10:10 AM