

**Spiegel & McDiarmid Energy Related Stimulus Funding Summary**

SOURCE OF FUNDING (I.E. PROGRAM, IF APPLICABLE) OR SUBJECT AREA	WHAT THE FUNDING IS FOR (PURPOSE)	CATEGORY (GRANT/LOAN GUARANTEE)	KEY AGENCY	AMOUNT ALLOCATED NATIONALLY	FOA* ISSUED?	WHO IS ELIGIBLE TO APPLY	APPLICATION DETAILS OF WHICH WE ARE AWARE, INCLUDING DEADLINES	TYPES OF ELIGIBLE PROJECTS
State Energy Program	For states to administer renewable energy and energy efficiency programs	Grant	DOE	\$3.1 billion	Yes -- 3/12	States, territories, and DC	<p>(1) Governor (mayor) must provide assurances re: policies aligning utility incentives/customer energy efficiency/building codes prior to receiving funds</p> <p>(2) Initial application due 3/23/09 to include preliminary list of planned activities*</p> <p>(3) Comprehensive application due 5/12/09 requires significantly more detailed information, including project site information, state plan, budget info and justification, governor's assurance file w/report on progress meeting assurances, etc.</p>	<p>Among eligible projects provided with FOA (not exhaustive):</p> <p>Building codes and standards; building retrofits; clean energy policy development; building energy audits; energy efficiency rating and labeling; industrial retrofit support; provision of loans, grants and incentives; renewable energy market development (installation of renewable energy systems, etc.); tax credits; technical assistance; transportation; (alternative fuels, carpool programs, energy efficient traffic signals, etc.); <b>workshops, training and education</b></p>

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Energy Efficiency and Conservation Block Grant Program	To assist eligible entities reduce fossil fuel emissions; reduce energy use; improve energy efficiency in appropriate sectors including transportation, building.	Grant	DOE	\$3.2 billion	Yes – 3/26	States, territories, DC, units of certain large local governments (cities/counties), Indian tribes.	<ul style="list-style-type: none"> <li>(1) applicant must provide an energy efficiency and conservation strategy (grant funding may be used for the development of such a strategy)</li> <li>(2) states/territories must revise their energy efficiency/conservation plan under 42 U.S.C. 6322 to establish additional goals for increased energy efficiency and conservation in the state (to be accomplished when State Energy Program plan for 2009 is submitted)</li> <li>(3) no initial application necessary</li> <li>(4) application deadline for states: 5/26/09 Applications to include project site locations, detailed</li> </ul>	<p>Among eligible projects provided with FOA (not exhaustive):</p> <ul style="list-style-type: none"> <li>Energy efficiency/conservation strategy development;</li> <li>technical consultant services to help develop strategy;</li> <li>residential and commercial building energy audits;</li> <li>financial incentive program for energy efficiency improvements;</li> <li>energy efficient retrofits; energy efficiency/conservation program development for buildings/facilities;</li> <li>development/implementation of programs to reduce energy used in transportation;</li> <li>building codes and inspections;</li> <li>implementation of distributed energy resource technologies to increase energy</li> </ul>

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							description files about activities, budget info and justification, energy efficiency and conservation strategy, etc. (5) application deadline for local governments/Indian tribes: 6/25/09	efficiency; material conservation programs (recycling, etc.); reduction/capture of methane and other greenhouse gases; traffic signals/street lighting; installation of renewable energy technologies on government buildings; <b>any other appropriate activity.</b>
Transmission Modernization/Smart Grid	Deliverability and reliability activities to modernize the grid, implement DOE's pre-existing smart grid program  Smart Grid Investment Grant Program: (per NOI) to gain the improvements in cost and performance that will come from	Grant  (50% matching funds in case of Smart Grid Investment Grant Program)	DOE	\$4.5 billion  (including \$3.375 billion for Smart Grid Investment Grant Program; \$615 million for Smart Grid Demonstration Program; \$1.25 million for creation of Smart Grid Information Clearinghouse;	FOA issued for Smart Grid Clearinghouse grant on 3/12  Notice of Intent to Issue FOA for Smart Grid Investment Grant Program issued on 4/16 Draft FOA for Smart Grid Demonstration Program	Smart Grid Investment Grant Program: "utilities and other entities"  Smart Grid Demonstration Program: "all types of entities" (including state agencies, local gov't agencies, higher education institutions, non	Smart Grid Investment Grant Program: comments/questions on Notice of Intent due 5/6. FOA expected to be released on 6/17. Application deadlines expected to be 7/29/09, 12/2/09, 3/31/10.  Smart Grid Demonstration Program: comments/questions on draft FOA due 5/6. FOA expected to contain application deadlines.	Statute lists <ul style="list-style-type: none"> <li>• demand responsive equipment;</li> <li>• enhancement of security and reliability of energy infrastructure;</li> <li>• energy storage research, development, demonstration and deployment;</li> <li>• and facilitation of recovery from disruptions to energy supply</li> </ul> as the types of activities for which this money is appropriate. Final FOAs

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	<p>deployment of smart grid technology, enable integration of renewable/energy efficient technologies &amp; demand management practices.</p> <p>Smart Grid Demonstration Program: (per draft FOA) to demonstrate technologies in regions across the country that embody salient/essential characteristics of region and present use cases for national implementation and replication.</p>			<p>\$10 million for interoperability standards work; \$80 million for regional transmission planning; \$100 million for related green jobs/worker training; balance to be spent at DOE's discretion – details to be in FOAs as released)</p>	<p>issued on 4/16</p>	<p>profits, etc.) EXCEPT other federal agencies, FFRDC contractors and certain nonprofits that lobbied after 1995</p> <p>Smart Grid Information Clearinghouse: "all types of entities" with same exceptions as Smart Grid Demonstration Program)</p>	<p>Smart Grid Information Clearinghouse grant application due 4/6.</p>	<p>will demonstrate what DOE actually chooses to use money for.</p> <p>NOI for Smart Grid Investment Grant Program proposes that grant projects under that program promote the goal of smart grid deployment, including development of component technologies. Projects should advance at least one of 8 "smart grid functions" delineated in NOI. NOI also provides list of 8 types of qualifying investments and 8 types of investments that are ineligible.</p> <p>Draft FOA for Smart Grid Demonstration Program proposes that there be three project focuses under that program: (1) regional demonstration initiatives to verify smart grid technology viability, quantify smart grid costs and benefits, and validate new smart grid business models at a scale that can be readily adapted &amp; replicated around the country (2) regionally</p>

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								<p>tailored projects to demonstrate innovative network based applications of synchrophasors and (3) major, utility-scale energy storage installations.</p> <p>Smart Grid Information Clearinghouse grant available to establish a public, centralized, web-based repository of smart grid data, information about demonstrations, etc.</p>
Weatherization Assistance Program	To increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their residential expenditures, and improve their health and safety	Grant	DOE	\$5 billion	Yes – 3/12	States, territories, DC	<p>(1) Initial application, due 3/23/09, to include preliminary list of number of additional units to be weatherized using WAP ARRA funds</p> <p>(2) Comprehensive application, due 5/12/09, to include project site locations, state plan, budget info/justification, etc.</p>	Weatherization of low income homes
Energy Star Appliance Rebate	For rebates to encourage the use	Grant (50% cost	DOE	\$300 million	No	TBD	TBD	TBD

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Program	of Energy Star appliances	sharing required)						
Greening of Federal/Public Buildings	(not clear if applications will be necessary)	TBD						
Public Housing Capital Fund	For priority investments in capital and management activities for public housing agencies, including investments that leverage private sector financing/funding for renovations and energy conservation retrofit investments.	Grant	HUD	\$1 billion	TBD	TBD		TBD, but to be allocated via competition
Assisted Housing Stability and Energy and Green Retrofit Investments	For assistance to owners of property receiving assistance under various housing statutes, for a program to upgrade HUD-sponsored low-	Grant	HUD	\$250 million	TBD, but presumably owners of property receiving assistance under housing statutes	TBD		TBD

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	income housing to increase energy efficiency							

Clean Cities Program	For competitive grants to be issued under an alternative fuel and advanced technology vehicles pilot program	Grant (50% cost share required)	DOE	\$300 million	Yes – 2/23	State or local governments or metropolitan transportation authorities (or combinations of the above)	Round 1 closing date: 5/19/09 Round 2 closing date: 9/30/09	30 geographically dispersed projects will be funded under the pilot program. Prospective applicants must partner with an active designated Clean Cities Coalition (or coalitions)
Transportation Electrification	To establish development, demonstration, evaluation and education projects to accelerate the market introduction & penetration of advanced electric drive vehicles.	Grant (cost sharing – 50% minimum for some areas, 20% minimum for other areas)	DOE	\$400 million	Yes – 3/19	All types of applicants are eligible (including state agencies, local gov't agencies, higher education institutions, non profits, etc.) EXCEPT other federal agencies, FFRDC contractors and certain nonprofits that lobbied after 1995	(1) no initial application (2) FOA states application due 3/13 (but this looks like a typo, as this is before the issue date of the FOA. Looks as though actual deadline is 5/13)	electric drive vehicle demonstration and evaluation projects; transportation electrification; advanced drive vehicle education program

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Electrical Drive Vehicle Battery and Component Manufacturing Initiative	To support construction of U.S.-based manufacturing plants to produce batteries and electric drive components	Grant (50% minimum cost share; lower than 50% cost share can be requested specially)	DOE	\$2 billion	Yes – 3/19	All types of applicants are eligible (including state agencies, local gov't agencies, higher education institutions, non profits, etc.) except other federal agencies, FFRDC contractors and certain nonprofits that lobbied after 1995	(1) no initial application (2) application due 5/19	Construction of following plants: Cell and battery manufacturing facilities; advanced battery supplier manufacturing facilities; advanced lithium ion battery recycling facilities; electric drive component manufacturing facilities; electric drive subcomponent manufacturing facilities
Federal fleet	To procure energy efficient motor vehicles for use in federal agency fleets	Grant	GSA	\$300 million	No	Presumably just GSA, if application is necessary	TBD	TBD
Innovative technology loan guarantee program	Rapid deployment of renewable energy and electric power transmission	Loan guarantee	DOE	\$6 billion	No	All entities eligible	TBD	TBD
Energy Efficiency and Renewable Energy Research and	Research, development, demonstration	Grant	DOE	\$2.5 billion	No	TBD	TBD	TBD (but \$800 million allocated for biomass projects; 400

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Development	and deployment programs							million allocated for geothermal projects)
Research and Development	Fossil energy research and development programs	Grant	DOE	\$3.4 billion	No	TBD (but to include clean coal power, carbon capture and energy efficiency improvement projects and innovative carbon reuse projects)	TBD	TBD
Research and Development	For energy projects relating to novel energy technologies which reduce reliance on foreign energy, improve efficiency, or reduce greenhouse gas emissions	Grant	Advanced Research Projects Agency	\$400 million	No	TBD	TBD	TBD
Green jobs initiative for energy efficiency and renewable energy	To create national and state energy training partnerships in areas of	Grant	DOL	No	TBD	TBD	TBD	

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	renewable energy and energy efficiency							

\*FOA = Funding Opportunity Announcement (this document is issued by the agency administering the grant, and provides information about application procedures and requirements, eligibility criteria, etc.)

\*Note that the FOA was released by the DOE on 3/12, only 11 days before this deadline. Not clear what any of the states were able to pull together in the short time provided.