



American Recovery and Reinvestment Act



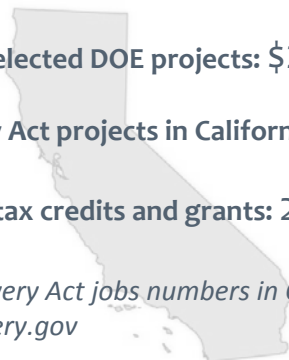
U.S. DEPARTMENT OF ENERGY • CALIFORNIA RECOVERY ACT SNAPSHOT

Funding for selected DOE projects: \$2.3 billion

DOE Recovery Act projects in California: 500

Clean energy tax credits and grants: 257

For total Recovery Act jobs numbers in California go to www.recovery.gov



California has substantial natural resources, including oil, gas, solar, wind, geothermal, and hydroelectric power. The **American Recovery & Reinvestment Act (ARRA)** is making a meaningful down payment on the nation's energy and environmental future. The Recovery Act investments in California are supporting a broad range of clean energy projects, from energy efficiency and the smart grid to solar and wind, geothermal and biofuels, carbon capture and storage, and environmental cleanup. Through these investments, California's businesses, universities, national labs, non-profits, and local governments are creating quality jobs today and positioning California to play an important role in the new energy economy of the future.

EXAMPLES OF CALIFORNIA FORMULA GRANTS

Program	State Energy Program	Weatherization Assistance Program	Energy Efficiency Conservation Block Grants	Energy Efficiency Appliance Rebate Program
Award (in millions)	\$226.1 The California Energy Commission has received \$226.1 million to invest in state-level energy efficiency and renewable energy priorities.	\$185.8 The State of California has received \$185.8 million to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions and saving money for California's low-income families. Over the course of the Recovery Act, California expects to weatherize approximately 43,400 homes.	\$355.1 Three hundred seven communities in California have received a total of \$355.1 million to develop, promote, implement, and manage local energy efficiency programs.	\$35.3 The California Energy Commission has received \$35.3 million to offer consumer rebates for purchasing certain ENERGY STAR® appliances, which reduce energy use and save money for families, while helping the environment and supporting the local economy.

EXAMPLES OF CALIFORNIA COMPETITIVE GRANTS, TAX CREDITS AND LOANS

Award	\$1.37 billion BrightSource Energy was offered a conditional commitment for more than \$1.37 billion in loan guarantees to support the construction and start-up of Ivanpah Solar Complex, three utility-scale concentrated solar power plants located in California's Mojave Desert. The company estimates the project will create just over 1,000 jobs.	\$535 million The Department of Energy finalized a \$535 million loan guarantee for Solyndra, Inc. to finance construction of the first phase of the company's new solar manufacturing facility in Fremont, California.	\$465 million Tesla Motors closed a \$465 million loan arrangement under the Department of Energy's Advanced Technology Vehicles Manufacturing program to repurpose a manufacturing facility in Fremont, California to produce electric drive trains, electric vehicles and battery packs. The company estimates the project will create over 1,600 jobs.	\$308 million Hydrogen Energy California LLC in Kern County was awarded \$308 million to design, construct, and operate a hydrogen-powered electric generating facility with carbon capture and storage.	\$127.5 million The Sacramento Municipal Utility District in Sacramento was awarded \$127.5 million to install a comprehensive regional smart grid system.
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Funding Allocation Table (Figure 1)

Total dollar amounts in this document are accurate as of June 1, 2010. Please note that Recovery Act Programs are ongoing and the dollar amounts are subject to change. Recipient locations are based on project sites rather than recipients' headquarters locations.

Recovery Act Pillar	Flagship Program Names & Funding Type ¹	Number of Selections	Selected Amount (in millions) ²
Energy Efficiency	<i>Weatherization Assistance Program (F)</i>	1	\$185.8
	<i>State Energy Program (F)</i>	1	\$226.1
	<i>Energy Efficiency and Conservation Block Grant (F)</i>	307	\$355.1
	<i>Energy Efficient Appliance Rebate (F)</i>	1	\$35.3
	<i>Building Energy Efficiency (CM)</i>	14	\$13.7
	<i>Industrial Energy Efficiency (CM)</i>	9	\$37.4
	TOTAL Energy Efficiency	333	\$853.4
Renewable Energy	<i>Solar (CM)</i>	20	\$26.7
	<i>Wind (CM)</i>	2	\$0.6
	<i>Geothermal (CM)</i>	13	\$50.2
	<i>Additional Programs (F & CM)</i>	2	\$7.5
	TOTAL Renewable Energy	37	\$85.0
Electric Grid	<i>Smart Grid Investment and Demonstrations Project (CM)³</i>	14	\$385.7
	<i>State and Local Energy Assurance and Regulatory Assistance (F)</i>	5	\$6.0
	<i>Smart Grid Workforce Training (CM)³</i>	2	\$1.5
	TOTAL Electric Grid	21	\$393.2
Transportation	<i>Transportation Electrification (CM)</i>	3	\$60.9
	<i>Clean Cities Alternative Fuel and Vehicles Program (CM)</i>	3	\$25.0
	<i>Advanced Fuels (CM)</i>	2	\$44.8
	<i>Additional Programs (CM)</i>	3	\$11.1
	TOTAL Transportation	11	\$141.8
Carbon Capture and Storage	<i>CCS Projects (CM)</i>	4	\$313.2
	<i>Geologic Characterization Projects (CM)</i>	1	\$4.8
	<i>Research and Training (CM)</i>	3	\$0.9
	TOTAL Carbon Capture and Storage	8	\$318.9
Environmental Cleanup	<i>Environmental Management Contracts (C)</i>	2	\$23.8
	TOTAL Environmental Cleanup	2	\$23.8
Science and Innovation	<i>Advanced Research Projects Agency - Energy (ARPA-E) (CM)</i>	7	\$20.8
	<i>Energy Frontier Research Centers (CM)</i>	3	\$28.4
	<i>Small Business Research (SBIR/STTR) (CM)</i>	19	\$2.7
	<i>National Laboratory Facilities (C)</i>	40	\$351.9
	<i>Additional Programs</i>	19	\$55.2
	TOTAL Science and Innovation	88	\$459.0
TOTAL - DOE Programs⁴		500	\$2,275.1
Tax Credits/ Grants ⁵	<i>Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)</i>	248	\$79.1
	<i>Clean Energy Manufacturing Tax Credits (48C)</i>	9	\$235.5
	TOTAL Tax Incentives	257	\$314.6
TOTAL - DOE/Treasury + DOE		757	\$2,589.7

¹F=Formula Grant, CM=Competitive Grant, C=Contract

²"Selected" indicates DOE has selected a potential funding recipient, which begins the process of negotiating an agreement. This does not necessarily indicate that a final agreement has been reached.

³Projects may cross state boundaries, signifies HQ location.

⁴Total does not include administrative funds.

⁵Jointly administered by DOE and the U.S. Department of Treasury.