



American Recovery and Reinvestment Act



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

Funding for selected DOE projects: \$585.2 million

DOE Recovery Act projects in Colorado: 115

Clean energy tax credits and grants: 62

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

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 Colorado are supporting a broad range of clean energy projects, from energy efficiency and the smart grid to solar power and biofuels. Through these investments, Colorado's businesses, universities, non-profits, and local governments are creating quality jobs today and positioning Colorado to play an important role in the new energy economy of the future.

EXAMPLES OF COLORADO FORMULA GRANTS

Program	State Energy Program	Weatherization Assistance Program	Energy Efficiency Conservation Block Grants	Energy Efficiency Appliance Rebate Program
Award (in millions)	\$49.2	\$79.5	\$44.9	\$4.7
	The Colorado Governor's Energy Office has received \$49.2 million in State Energy Program funds to invest in state-level energy efficiency and renewable energy priorities.	The Colorado Department of Natural Resources has received \$79.5 million in Weatherization Assistance Program funds to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions, and saving money for Colorado's low-income families. Over the course of the Recovery Act, Colorado expects to weatherize nearly 10,500 homes. The program also includes workforce training and education as part of the state's efforts to develop a green workforce.	Thirty-four communities in Colorado received a total of \$42.8 million for Energy Efficiency and Conservation Block Grants (EECBG) to develop, promote, implement, and manage localized energy efficiency programs.	The Colorado Governor's Energy Office has received \$4.7 million for the Energy Efficient Appliance Rebate Program, which offers consumer rebates for purchasing certain ENERGY STAR® appliances. These energy efficient appliances reduce energy use and save money for families, while helping the environment and supporting the local economy.

EXAMPLES OF COLORADO COMPETITIVE GRANTS AND TAX CREDITS

Award	\$107.7 million	\$82.5 million	\$45.1 million	\$30.2 million	\$25 million
	Colorado received fifty-four 1603 payments for renewable energy generation totaling \$107.7 million , which include solar, wind, and biomass projects. For example, North Colorado Wind Energy LLC has received \$99.9 million for a wind project.	The National Renewable Energy Laboratory in Golden was awarded \$82.5 million to perform infrastructure improvements, including investing in expanded renewable energy capacity and energy efficiency technologies. NREL was also awarded \$44 million to expand the fundamental access and traffic capacity of its site.	UQM Technologies in Frederick was awarded \$45.1 million to manufacture advanced batteries and components for electric vehicles, including advanced lithium ion batteries and hybrid electric systems.	Vestas Blades America Inc. in Brighton was awarded two clean energy manufacturing tax credits totaling \$30.2 million . The funds will be used to produce blades for wind turbines.	Boulder County was awarded \$25 million for the BetterBuildings program to perform large-scale energy efficiency retrofits in neighborhoods and commercial districts in urban, suburban, and rural areas across the state.

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	\$79.5
	<i>State Energy Program (F)</i>	1	\$49.2
	<i>Energy Efficiency and Conservation Block Grant (F)</i>	34	\$44.9
	<i>BetterBuildings(CM)</i>	1	\$25.0
	<i>Energy Efficient Appliance Rebate (F)</i>	1	\$4.7
	<i>Building Energy Efficiency (CM)</i>	3	\$19.4
	<i>Additional Programs (CM & C)</i>	7	\$8.0
	TOTAL Energy Efficiency	48	\$230.7
Renewable Energy	<i>Solar (CM)</i>	3	\$27.2
	<i>Wind (CM)</i>	3	\$1.4
	<i>Geothermal (CM)</i>	8	\$12.3
	<i>Additional Programs (F & CM)</i>	2	\$3.7
	TOTAL Renewable Energy	16	\$44.6
Electric Grid	<i>Smart Grid Investment and Demonstrations Project (CM)³</i>	3	\$21.5
	<i>State and Local Energy Assurance and Regulatory Assistance (F)</i>	8	\$2.3
	<i>Smart Grid Workforce Training (CM)</i>	1	\$2.5
	<i>Interconnection Transmission Planning and Analysis (F & CM)³</i>	1	\$12.0
	TOTAL Electric Grid	13	\$38.3
Transportation	<i>Advanced Battery Manufacturing (CM)</i>	1	\$45.1
	<i>Transportation Electrification (CM)</i>	1	\$5.0
	<i>Advanced Fuels (CM)</i>	1	\$23.0
	TOTAL Transportation	3	\$73.1
Carbon Capture and Storage	<i>Geologic Characterization Projects (CM)</i>	1	\$4.9
	<i>Research and Training (CM)</i>	3	\$0.9
	TOTAL Carbon Capture and Storage	4	\$5.8
Environmental Cleanup	<i>Environmental Management Contracts (C)</i>	3	\$4.4
	TOTAL Environmental Cleanup	3	\$4.4
Science and Innovation	<i>Advanced Research Projects Agency - Energy (ARPA-E) (CM)</i>	2	\$14.0
	<i>Energy Frontier Research Centers (CM)</i>	1	\$8.0
	<i>Small Business Research (SBIR/STTR) (CM)</i>	10	\$1.5
	<i>National Laboratory Facilities (C)</i>	10	\$161.6
	<i>Additional Programs</i>	5	\$3.2
	TOTAL Science and Innovation	28	\$188.3
TOTAL - DOE Programs⁴		115	\$585.2
Tax Credits/ Grants ⁵	<i>Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)</i>	54	\$107.7
	<i>Clean Energy Manufacturing Tax Credits (48C)</i>	8	\$75.2
	TOTAL Tax Incentives	62	\$183.0
TOTAL - DOE/Treasury + DOE		177	\$768.2

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.