



American Recovery and Reinvestment Act



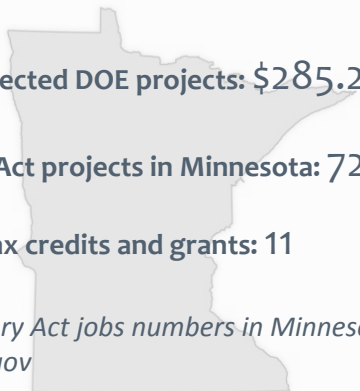
U.S. DEPARTMENT OF ENERGY • MINNESOTA RECOVERY ACT SNAPSHOT

Funding for selected DOE projects: \$285.2 million

DOE Recovery Act projects in Minnesota: 72

Clean energy tax credits and grants: 11

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



Minnesota has substantial natural resources, including biomass, wind power, and is a large ethanol producer. 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 Minnesota are supporting a broad range of clean energy projects, from energy efficiency and the smart grid to solar and wind, geothermal power, and the Fermi National Accelerator Laboratory. Through these investments, Minnesota's businesses, universities, national labs, non-profits, and local governments are creating quality jobs today and positioning Minnesota to play an important role in the new energy economy of the future.

EXAMPLES OF MINNESOTA FORMULA GRANTS

Program	State Energy Program	Weatherization Assistance Program	Energy Efficiency Conservation Block Grants	Energy Efficiency Appliance Rebate Program
Award (in millions)	\$54.2	\$131.9	\$38.5	\$5
	Minnesota Department of Commerce has received \$54.2 million to invest in state-level energy efficiency and renewable energy priorities.	The State of Minnesota has received \$131.9 million to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions, and saving money for Minnesota's low-income families. Over the course of the Recovery Act, Minnesota expects to weatherize more than 16,850 homes. The program also includes workforce training and education as part of the state's efforts to develop a green workforce.	Forty communities in Minnesota received a total of \$38.5 million to develop, promote, implement, and manage local energy efficiency programs.	Minnesota Department of Commerce has received \$5 million to offer 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 MINNESOTA COMPETITIVE GRANTS, TAX CREDITS AND LOANS

Award	\$72 million	\$41.1 million	\$29.1 million	\$2.2 million
	SAGE Electrochromics , based in Faribault, was offered a conditional commitment for a \$72 million loan guarantee to support the construction and operation of a facility to produce SageGlass, an energy-saving window technology for commercial use. The loan guarantee authority for the project comes from the Energy Policy Act of 2005. The company estimates the project will create more than 210 jobs.	The Regents of the University of Minnesota were awarded several grants, including \$30.6 million for the NOVA experiment, which will help construct the building that will house an electron neutrino detector in northern Minnesota. The Regents were awarded an additional \$2.5 million for Smart Grid Workforce Training , as well as \$8 million for cutting-edge research and workforce training in Minneapolis via a Wind Energy Consortia between Institutions of Higher Learning and Industry.	Minnesota received nine 1603 payments for renewable energy generation totaling \$29.1 million , which include solar and wind facility projects. For example Moraine Wind II, LLC received \$28 million for a wind facility.	The University of Minnesota and BioCee, Inc. in Saint Paul have been awarded \$2.2 million under the Advanced Research Projects Agency-Energy to develop an innovative transportation fuel using sunlight and <i>Shewanella</i> , a hydrocarbon producing bacteria.

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	\$131.9
	<i>State Energy Program (F)</i>	1	\$54.2
	<i>Energy Efficiency and Conservation Block Grant (F)</i>	40	\$38.5
	<i>Energy Efficient Appliance Rebate (F)</i>	1	\$5.0
	<i>Building Energy Efficiency (CM)</i>	11	\$0.01
	<i>Industrial Energy Efficiency (CM)</i>	2	\$1.5
	<i>Additional Programs (CM & C)</i>	1	\$1.3
	TOTAL Energy Efficiency	57	\$232.4
Renewable Energy	<i>Solar (CM)</i>	2	\$2.2
	<i>Wind (CM)</i>	2	\$8.5
	<i>Geothermal (CM)</i>	1	\$1.6
	TOTAL Renewable Energy	5	\$12.3
Electric Grid	<i>Smart Grid Investment and Demonstrations Project (CM)³</i>	1	\$1.5
	<i>State and Local Energy Assurance and Regulatory Assistance (F)</i>	2	\$1.6
	<i>Smart Grid Workforce Training (CM)</i>	2	\$3.3
	TOTAL Electric Grid	5	\$6.4
Carbon Capture and Storage	<i>Research and Training (CM)</i>	1	\$0.3
	TOTAL Carbon Capture and Storage	1	\$0.3
Science and Innovation	<i>Advanced Research Projects Agency - Energy (ARPA-E) (CM)</i>	1	\$2.2
	<i>Small Business Research (SBIR/STTR) (CM)</i>	1	\$0.1
	<i>National Laboratory Facilities (C)</i>	1	\$30.6
	<i>Additional Programs</i>	1	\$0.9
	TOTAL Science and Innovation	5	\$33.8
TOTAL - DOE Programs⁴		72	\$285.2
Tax Credits/ Payments ⁵	<i>Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)</i>	9	\$29.1
	<i>Clean Energy Manufacturing Tax Credits (48C)</i>	2	\$2.7
	TOTAL Tax Incentives	11	\$31.8
TOTAL - DOE/Treasury + DOE		83	\$317.0
¹ F=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.			
³ Projects may cross state boundaries, signifies HQ location.			
⁴ Total does not include administrative funds.			
⁵ Jointly administered by DOE and the U.S. Department of Treasury.			