



# American Recovery and Reinvestment Act



## U.S. DEPARTMENT OF ENERGY • TEXAS RECOVERY ACT SNAPSHOT

Funding for selected DOE projects: \$2 billion

DOE Recovery Act projects in Texas: 164

Clean energy tax credits and grants: 39

For total Recovery Act jobs numbers in Texas go to [www.recovery.gov](http://www.recovery.gov)

Texas has substantial natural resources, including oil, gas, solar, biomass, and wind 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 Texas are supporting a broad range of clean energy projects, from carbon capture and storage to energy efficiency, the smart grid, solar, geothermal, and biomass projects. Through these investments, Texas's businesses, universities, non-profits, and local governments are creating quality jobs today and positioning Texas to play an important role in the new energy economy of the future.

### EXAMPLES OF TEXAS FORMULA GRANTS

Program	State Energy Program	Weatherization Assistance Program	Energy Efficiency Conservation Block Grants	Energy Efficiency Appliance Rebate Program
Award (in millions)	\$218.8	\$327	\$208.9	\$23.3
	The Texas Comptroller has received \$218.8 million to invest in state-level energy efficiency and renewable energy priorities.	The State of Texas has received \$327 million to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions and saving money for Texas's low-income families. Over the course of the Recovery Act, Texas expects to weatherize nearly 34,000 homes.	Ninety-two communities in Texas received a total of \$208.9 million to develop, promote, implement, and manage local energy efficiency programs.	Texas has received \$23.3 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 TEXAS COMPETITIVE GRANTS AND TAX CREDITS

Award	\$914.9 million	\$253 million	\$350 million	\$200 million
	Texas received <b>thirty 1603 payments for renewable energy generation</b> totaling <b>\$914.9 million</b> , which include biomass, solar and wind facility projects. For example Texas Gulf Wind LLC received \$178.0 million for a wind project.	<b>Air Products &amp; Chemicals Inc.</b> has received <b>\$253 million</b> to capture and sequester one million tons of carbon dioxide per year from existing steam-methane reformers in Port Arthur. The project team includes <b>Air Products &amp; Chemicals, Denbury Onshore LLC, the University of Texas Bureau of Economic Geology, and Valero Energy Corporation.</b>	<b>Summit Texas Clean Energy</b> was awarded <b>\$350 million</b> to accelerate the development of advanced coal technologies for commercial-scale carbon capture and storage.	<b>Center Point Energy</b> in Houston was awarded <b>\$200 million</b> through the <b>Smart Grid Investment Grant Program</b> to complete their current smart meter project and expand the city's smart grid. The project will include the installation of 2.2 million smart meters and 550 sensors and automated grid switches.

## 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 <sup>1</sup>	Number of Selections	Selected Amount (in millions) <sup>2</sup>
Energy Efficiency	Weatherization Assistance Program (F)	1	\$327.0
	State Energy Program (F)	1	\$218.8
	Energy Efficiency and Conservation Block Grant (F)	92	\$208.9
	BetterBuildings (CM)	1	\$10.0
	Energy Efficient Appliance Rebate (F)	1	\$23.3
	Building Energy Efficiency (CM)	3	\$0.008
	Industrial Energy Efficiency (CM)	4	\$20.0
	Additional Programs (CM & C)	1	\$0.3
	<b>TOTAL Energy Efficiency</b>	<b>104</b>	<b>\$808.3</b>
Renewable Energy	Solar (CM)	5	\$1.8
	Geothermal (CM)	9	\$26.0
	<b>TOTAL Renewable Energy</b>	<b>14</b>	<b>\$27.8</b>
Electric Grid	Smart Grid Investment and Demonstrations Project (CM) <sup>3</sup>	8	\$282.7
	State and Local Energy Assurance and Regulatory Assistance (F)	2	\$3.8
	Smart Grid Workforce Training (CM) <sup>3</sup>	3	\$2.8
	Interconnection Transmission Planning and Analysis (F & CM)	2	\$3.5
	<b>TOTAL Electric Grid</b>	<b>15</b>	<b>\$292.8</b>
Transportation	Clean Cities Alternative Fuel and Vehicles Program (CM)	3	\$38.1
	Additional Programs (CM)	2	\$2.3
	<b>TOTAL Transportation</b>	<b>5</b>	<b>\$40.4</b>
Carbon Capture and Storage	CCS Projects (CM)	8	\$766.5
	Geologic Characterization Projects (CM)	1	\$4.6
	Research and Training (CM)	5	\$2.1
	<b>TOTAL Carbon Capture and Storage</b>	<b>14</b>	<b>\$773.2</b>
Environmental Cleanup	Environmental Management Contracts (C)	1	\$0.01
	<b>TOTAL Environmental Cleanup</b>	<b>1</b>	<b>\$0.01</b>
Science and Innovation	Energy Frontier Research Centers (CM)	1	\$13.1
	Small Business Research (SBIR/STTR) (CM)	5	\$0.7
	National Laboratory Facilities (C)	1	\$0.04
	Additional Programs	4	\$3.2
	<b>TOTAL Science and Innovation</b>	<b>11</b>	<b>\$17.0</b>
<b>TOTAL - DOE Programs<sup>4</sup></b>		<b>164</b>	<b>\$1,959.6</b>
Tax Credits/ Payments <sup>5</sup>	Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)	30	\$914.9
	Clean Energy Manufacturing Tax Credits (48C)	9	\$68.6
	<b>TOTAL Tax Incentives</b>	<b>39</b>	<b>\$983.5</b>
<b>TOTAL - DOE/Treasury + DOE</b>		<b>203</b>	<b>\$2,943.1</b>
<sup>1</sup> F=Formula Grant, CM=Competitive Grant, C=Contract			
<sup>2</sup> "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.			
<sup>3</sup> Projects may cross state boundaries, signifies HQ location.			
<sup>4</sup> Total does not include administrative funds.			
<sup>5</sup> Jointly administered by DOE and the U.S. Department of Treasury.			