



# American Recovery and Reinvestment Act



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

Funding for selected DOE projects: **\$86.1 million**

DOE Recovery Act projects in Hawaii: **17**

Clean energy tax credits and grants: **18**

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

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

### EXAMPLES OF HAWAII FORMULA GRANTS

Program	State Energy Program	Weatherization Assistance Program	Energy Efficiency Conservation Block Grants	Energy Efficiency Appliance Rebate Program
Award (in millions)	<b>\$25.9</b>	<b>\$4</b>	<b>\$15.1</b>	<b>\$1.2</b>
	The Hawaii Department of Labor and Industrial Relations has received \$25.9 million to invest in state-level energy efficiency and renewable energy priorities.	The State of Hawaii has received \$4 million to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions, and saving money for Hawaii's low-income families. Over the course of the Recovery Act, Hawaii expects to weatherize nearly 700 homes. The program also includes workforce training and education as part of the state's efforts to develop a green workforce.	Five communities in Hawaii received a total of \$15.1 million to develop, promote, implement, and manage local energy efficiency programs.	The Hawaii Department of Business, Economic Development, and Tourism has received \$1.2 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 HAWAII COMPETITIVE GRANTS, TAX CREDITS AND LOANS

Award	<b>\$117 million</b>	<b>\$24 million</b>	<b>\$5.5 million</b>	<b>\$5.3 million</b>
	<b>Kahuku Wind Power, LLC</b> , based in Kahuku, Hawaii, was offered a conditional commitment for a <b>\$117 million loan guarantee</b> to finance the construction and start-up of an innovative 30 megawatt wind energy project.	<b>UOP LLC</b> in Kapolei was awarded <b>\$24 million</b> to integrate existing technology from Ensyn and UOP to produce green gasoline, diesel, and jet fuel from agricultural residue, woody biomass, dedicated energy crops, and algae.	<b>The University of Hawaii System</b> in Honolulu was awarded <b>\$5.5 million</b> to explore the management of electricity distribution system resources for improved service quality and reliability, transmission congestion relief, and grid support functions.	<b>Hawaii Electric Co. Inc.</b> was awarded <b>\$5.3 million</b> for the <b>Smart Grid Investment Grant Program</b> to improve the reliability of the grid by automating high load distribution circuits feeding eastern Oahu.

## 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	<i>Weatherization Assistance Program (F)</i>	1	\$4.0
	<i>State Energy Program (F)</i>	1	\$25.9
	<i>Energy Efficiency and Conservation Block Grant (F)</i>	5	\$15.1
	<i>Energy Efficient Appliance Rebate (F)</i>	1	\$1.2
	<b>TOTAL Energy Efficiency</b>	<b>8</b>	<b>\$46.2</b>
Renewable Energy	<i>Wind (CM)</i>	1	\$0.8
	<b>TOTAL Renewable Energy</b>	<b>1</b>	<b>\$0.8</b>
Electric Grid	<i>Smart Grid Investment and Demonstrations Project (CM)</i> <sup>3</sup>	2	\$10.9
	<i>State and Local Energy Assurance and Regulatory Assistance (F)</i>	2	\$1.1
	<i>Smart Grid Workforce Training (CM)</i>	2	\$3.3
	<b>TOTAL Electric Grid</b>	<b>6</b>	<b>\$15.3</b>
Transportation	<i>Advanced Fuels (CM)</i>	1	\$23.7
	<b>TOTAL Transportation</b>	<b>2</b>	<b>\$23.7</b>
Science and Innovation	<i>Small Business Research (SBIR/STTR) (CM)</i>	1	\$0.1
	<b>TOTAL Science and Innovation</b>	<b>1</b>	<b>\$0.1</b>
<b>TOTAL - DOE Programs<sup>4</sup></b>		<b>17</b>	<b>\$86.1</b>
Tax Credits/ Payments <sup>5</sup>	<i>Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)</i>	18	\$4.1
	<b>TOTAL Tax Incentives</b>	<b>18</b>	<b>\$4.1</b>
<b>TOTAL - DOE/Treasury + DOE<sup>6</sup></b>		<b>36</b>	<b>\$90.2</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.			