



# American Recovery and Reinvestment Act



## U.S. DEPARTMENT OF ENERGY • NEW YORK RECOVERY ACT SNAPSHOT

Funding for selected DOE projects: \$1.6 billion

DOE Recovery Act projects in New York: 205

Clean energy tax credits and grants: 32

For total Recovery Act jobs numbers in New York go to [www.recovery.gov](http://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 New York are supporting a broad range of clean energy projects from energy efficiency and the smart grid to advanced battery manufacturing, the Brookhaven National Lab in Upton, and cleanup of the state's Cold War legacy nuclear sites. Through these investments, New York's businesses, universities, national labs, non-profits, and local governments are creating quality jobs today and positioning New York to play an important role in the new energy economy of the future.

### EXAMPLES OF NEW YORK FORMULA GRANTS

| Program             | State Energy Program  | Weatherization Assistance Program   | Energy Efficiency Conservation Block Grants  | Energy Efficiency Appliance Rebate Program   |
|---------------------|---|---|--|--|
| Award (in millions) | \$123.1   | \$394.7   | \$175.6  | \$18.7   |
|                     | The New York State Energy Research and Development Authority has been granted \$123.1 million in State Energy Program funds to invest in state-level energy efficiency and renewable energy priorities. | New York State has been granted \$394.7 million in Weatherization Assistance Program funds to scale-up existing weatherization efforts in the state, creating jobs, reducing carbon emissions, and saving money for New York's low-income families. Over the course of the Recovery Act, New York expects to weatherize approximately 45,400 homes. The program also includes workforce training and education as part of the state's efforts to develop a green workforce. | Sixty communities in New York were granted a total of \$175.6 million for Energy Efficiency and Conservation Block Grants (EECBG) to develop, promote, implement, and manage local energy efficiency programs. | The New York State Energy Research and Development Authority has been granted \$18.7 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 NEW YORK COMPETITIVE GRANTS, TAX CREDITS AND LOANS

|       |  |  |   |  |   |
|-------|--|--|---|--|---|
| Award | \$136.2 million  | \$80.6 million   | \$62.9 million  | \$43 million   | \$40 million  |
|       | <b>Consolidated Edison Company of New York, Inc.</b> has been awarded \$136.2 million under the <b>Smart Grid Investment Grant Program</b> to deploy a wide range of grid-related technologies to make the electric grid work more efficiently. Consolidated Edison Company has also been awarded \$45.4 million to demonstrate a scalable smart grid prototype that promotes cyber security, reduces electric demand, increases reliability and energy efficiency, and is cost effective. | New York received <b>twenty-seven 1603 payments for renewable energy generation</b> totaling \$80.6 million, which include solar, wind, hydropower, and combined heat and energy projects. For example, Canandaigua Power Partners, LLC received \$52.4 million for a wind energy project. | <b>West Valley Environmental Services, LLC</b> , in West Valley, has been awarded \$62.9 million to reduce the cleanup footprint and accelerate decommissioning at the West Valley Demonstration Project. | The Department of Energy offered <b>Beacon Power</b> a conditional commitment for a \$43 million loan guarantee to support the construction of its 20 megawatt flywheel energy storage plant in Stephentown, New York. | <b>The New York State Research and Development Authority</b> has been awarded \$40 million under the <b>BetterBuildings program</b> to develop innovative energy efficiency retrofit financing options that will help to create large-scale, sustainable approaches to financing energy efficiency improvements 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 <sup>1</sup>                            | Number of Selections | Selected Amount (in millions) <sup>2</sup> |
|---|---|----------------------|--|
| Energy Efficiency                       | <i>Weatherization Assistance Program (F)</i>                                  | 1                    | \$394.7                                    |
|   | <i>State Energy Program (F)</i>   | 1                    | \$123.1                                    |
|   | <i>Energy Efficiency and Conservation Block Grant (F)</i>                     | 60                   | \$175.6                                    |
|   | <i>BetterBuildings (CM)</i>   | 1                    | \$40.0                                     |
|   | <i>Energy Efficient Appliance Rebate (F)</i>                                  | 1                    | \$18.7                                     |
|   | <i>Building Energy Efficiency (CM)</i>  | 73                   | \$7.0                                      |
|   | <i>Industrial Energy Efficiency (CM)</i>                                      | 3                    | \$6.8                                      |
|   | <i>Additional Programs (CM &amp; C)</i>                                       | 1                    | \$2.8                                      |
|   | <b>TOTAL Energy Efficiency</b>  | <b>141</b>           | <b>\$768.7</b>                             |
| Renewable Energy                        | <i>Solar (CM)</i>   | 4                    | \$5.8                                      |
|   | <i>Wind (CM)</i>  | 1                    | \$0.6                                      |
|   | <i>Geothermal (CM)</i>  | 4                    | \$10.9                                     |
|   | <b>TOTAL Renewable Energy</b>   | <b>9</b>             | <b>\$17.3</b>                              |
| Electric Grid                           | <i>Smart Grid Investment and Demonstrations Project (CM)<sup>3</sup></i>      | 7                    | \$267.8                                    |
|   | <i>State and Local Energy Assurance and Regulatory Assistance (F)</i>         | 2                    | \$3.2                                      |
|   | <i>Smart Grid Workforce Training (CM)<sup>3</sup></i>                         | 4                    | \$5.0                                      |
|   | <b>TOTAL Electric Grid</b>  | <b>13</b>            | <b>\$276.0</b>                             |
| Transportation                          | <i>Advanced Battery Manufacturing (CM)</i>                                    | 1                    | \$27.3                                     |
|   | <i>Clean Cities Alternative Fuel and Vehicles Program (CM)</i>                | 2                    | \$28.3                                     |
|   | <i>Advanced Fuels (CM)</i>  | 1                    | \$0.01                                     |
|   | <i>Additional Programs (CM)</i>   | 3                    | \$9.1                                      |
|   | <b>TOTAL Transportation</b>   | <b>7</b>             | <b>\$64.7</b>                              |
| Carbon Capture and Storage              | <i>CCS Projects (CM)</i>  | 1                    | \$2.1                                      |
|   | <i>Geologic Characterization Projects (CM)</i>                                | 1                    | \$3.9                                      |
|   | <i>Research and Training (CM)</i>   | 3                    | \$0.9                                      |
|   | <b>TOTAL Carbon Capture and Storage</b>                                       | <b>5</b>             | <b>\$6.9</b>                               |
| Environmental Cleanup                   | <i>Environmental Management Contracts (C)</i>                                 | 4                    | \$176.5                                    |
|   | <b>TOTAL Environmental Cleanup</b>  | <b>4</b>             | <b>\$176.5</b>                             |
| Science and Innovation                  | <i>Energy Frontier Research Centers (CM)</i>                                  | 2                    | \$33.3                                     |
|   | <i>Small Business Research (SBIR/STTR) (CM)</i>                               | 3                    | \$0.4                                      |
|   | <i>National Laboratory Facilities (C)</i>                                     | 14                   | \$209.7                                    |
|   | <i>Additional Programs</i>  | 7                    | \$11.4                                     |
|   | <b>TOTAL Science and Innovation</b>   | <b>26</b>            | <b>\$254.8</b>                             |
| <b>TOTAL - DOE Programs<sup>4</sup></b> |   | <b>205</b>           | <b>\$1,564.9</b>                           |
| Tax Credits/ Payments <sup>5</sup>      | <i>Payments for Renewable Energy Generation in Lieu of Tax Credits (1603)</i> | 27                   | \$80.6                                     |
|   | <i>Clean Energy Manufacturing Tax Credits (48C)</i>                           | 5                    | \$33.3                                     |
|   | <b>TOTAL Tax Incentives</b>   | <b>32</b>            | <b>\$113.9</b>                             |
| <b>TOTAL - DOE/Treasury + DOE</b>       |   | <b>237</b>           | <b>\$1,678.8</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.