

# Consumer Power Advocates

New York State has reported on their share of the funding related to energy from the Recovery and Reinvestment Act of 2009 as follows:

“New York will receive \$126 million through the State Energy Program and \$31 million in alternative energy block grants. It provides \$4.5 billion for energy research and development projects nationwide, including \$2.0 billion for energy storage technologies, which could provide funding for the Governor’s proposed battery storage consortium.

New York State is also projected to receive \$435 million from the Clean Water State Revolving Fund; \$85 million from the Drinking Water State Revolving Fund; and \$404 million to help weatherize the homes of low-income individuals.<sup>1</sup>”

These numbers are estimates at this point and not all programs have been quantified yet. NYSERDA will be tasked with managing much of the funds dedicated to commercial and institutional projects while a new Economic Recovery and Reinvestment Cabinet formed by Patterson will manage the grants to State and Local government including non-energy programs.

There are several web related resources at NYSERDA that provide information on how we can take part in the Stimulus Bill funding for energy conservation projects.

1. Attachment A is summary of the New York State programs provided by NYSERDA.
2. The following URL <http://www.nyserda.org/economicstimulus/default.asp> will enable you to sign up for an email that will keep you posted on NYSERDA developments.
3. This site links to the Department of Energy recovery programs <http://www.energy.gov/recovery/>

How does this work for our members? We are still wading through the rumors and conjecture but we do know the following regarding the NYSERDA program (All \$ figures unless otherwise noted are the NYS share):

1. About \$123 million is available for businesses and institutions for energy efficiency and renewable projects, audits and alternative fuels. NYSERDA expects to submit a plan to the Feds in May and applications will begin after approval.
2. Almost \$400 million is available for low income housing efficiency. Timing is similar to #1
3. The funding levels are not yet determined for appliance replacements for residential users as well as alternative vehicle programs.

There is also a web site that enables organizations to propose projects that should be considered for a grant once the programs are implemented. These applications can be accessed via the following web site: <http://www.economicrecovery.ny.gov/system/proposal.cfm> . A copy of the

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<sup>1</sup> New York’s Guide to the 2009 American Recovery and Reinvestment Act  
<http://www.economicrecovery.ny.gov/Recovery/rra.htm>

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form is listed at Attachment B. Luthin Associates will be available to assist you in developing this application.

In addition to the NYSEERDA programs, there are still an additional number of programs that provide tax incentives or grants on a case by case basis. We will continue to monitor these opportunities.

The following is an article, as yet unpublished, we drafted that discusses the programs and issues behind it:

## **The Stimulus Bill Reviews: Raves for Renewables, “Wait and See,” for Commercial Landlords, and, “No No” from the Nukes!!**

The Federal stimulus package includes about \$37 billion in energy related programs. Included in this figure are \$11 billion to upgrade the electricity grid; \$4.5 billion to increase the energy efficiency of Federal buildings; \$6.3 billion for other energy conservation programs; \$5 billion to weatherize old buildings; \$2.5 billion for research related to energy efficiency and renewables; and \$6 billion in grants and loans for wind and solar projects.

Despite this far reaching program, commercial property owners will be disappointed according to Karen Penafiel, Vice President of Advocacy at the Building Owners and Managers Association International (BOMA). The National Real Estate Investor, a trade magazine, reported that Ms. Penafiel stated, “While we understand the nature of the stimulus package and how they’re trying to incentivize immediate growth in the economy, we are disappointed they chose not to incentivize building energy retrofits to the extent that we would like to have seen.” While the legislation will help landlords invest in alternative energy systems for onsite power generation, the plan’s other green components are aimed at homeowners, federal buildings, schools and new product development.

Jason Hartke, Director of Advocacy for the U.S. Green Building Council disagrees according to this same publication. He believes that the \$6 billion earmarked for Federal buildings will drive the market and reduce the costs of sustainable building products while developing a robust industry of qualified installers. This will have a positive effect on all other building sectors.

Other interesting provisions include a requirement that the ASHRAE Standard 90.1-2007 be adopted by states that wish to take advantage of Federal Funding for renewable energy. ASHRAE 90.14 was first published in 1975 and is the industry standard for building codes, but, it is obviously not used everywhere. The USGBC uses variations of 90.1 as their benchmark for LEED certification.

The legislation recognizes that tax credits are not incentives to businesses that do not turn a profit. Therefore, the bill provides grants for wind and solar projects as well as tax credits. Unfortunately, they are not available to the non-profit sector. These incentive programs have been extended to 2012 for wind and 2013 for other renewables. Solar power was extended to 2016 in previous legislation.

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Programs have been included to influence the development of advanced battery systems and other components for cars. Upgrading regional transmission networks will include smart technologies that can track and manage the flow of energy more effectively; curb peak demand; reduce blackouts; and, integrate renewable energy and storage. These efforts are necessary to enable the grid to receive and transmit power from renewable generation systems. Unlike power plants which can continuously provide power, solar and wind systems may be down periodically where weather conditions are not conducive to power production. This requires a different approach to managing local and regional transmission systems.

Not everyone in the energy business was smiling after the bill was signed. The nuclear power industry was disappointed with the removal of \$50 billion in nuclear plant loan guarantees. A provision that would provide \$1 billion for nuclear weapons research was also cut from the bill.



## Energy Efficiency and Renewable Energy Projects – Federal Economic Stimulus Funding for Energy Programs

(Title IV of American Recovery and Reinvestment Act of 2009 - Department of Energy)

<p><b>State Energy Program</b> \$ Stimulus Bill – \$3,100,000,000 \$ NYS Share – \$123,110,000</p>	<p><b>Status</b></p> <ul style="list-style-type: none"> <li>• Program Guidance issued by DOE on 3/12/2009</li> <li>• NYSERDA to submit Plan to DOE by 5/12/2009</li> <li>• Applications for Projects will be solicited following DOE approval of Plan</li> </ul>	<p><b>Potential Uses</b></p> <ul style="list-style-type: none"> <li>• Energy efficiency (EE) and renewable energy capital projects</li> <li>• Building and facility energy audits</li> <li>• EE in residential housing</li> <li>• Transportation EE and alternative fuels</li> </ul>
<p><b>Energy Efficiency and Conservation Block Grants</b> \$ Stimulus Bill – \$ 400,000,000 for competitive grants; \$2,800,000,000 by formula as specified below: New York share to be determined</p> <ul style="list-style-type: none"> <li>• 68% to “large” cities (&gt;35,000) and “large” counties (&gt;200,000) New York share to be determined</li> <li>• 28% to States <ul style="list-style-type: none"> <li>– \$18,000,000 to NYSERDA for small municipalities</li> <li>– \$13,200,000 to NYSERDA for all municipalities</li> </ul> </li> <li>• 2% to Indian Tribes</li> <li>• 2% for competitive grants for small municipalities</li> </ul>	<p><b>Status</b></p> <ul style="list-style-type: none"> <li>• Issuance of Program Guidance for formula and competitive funds by DOE is pending</li> <li>• Large cities and counties will apply directly to DOE for grants</li> <li>• NYSERDA will solicit applications for projects from small municipalities</li> </ul> <p><b>Register to Apply for Energy Efficiency Conservation Block Grants</b> Details on the application process are coming soon. In the meantime, entities that meet the eligibility criteria for formula grants from U.S. DOE should become familiar with FedConnect, the mechanism for applying for the EECBG Program, by downloading and reading: <a href="https://www.fedconnect.net/FedConnect/PublicPages/FedConnect_Ready_Set_Go.pdf">https://www.fedconnect.net/FedConnect/PublicPages/FedConnect_Ready_Set_Go.pdf</a></p> <p><b>Please allow 21 days to complete the registration process.</b></p>	<p><b>Potential Uses</b></p> <ul style="list-style-type: none"> <li>• Building energy audits</li> <li>• Financial incentives for EE retrofits</li> <li>• Transportation EE programs</li> <li>• Building code services</li> <li>• Energy distribution technologies</li> <li>• Material conservation programs</li> <li>• Technologies to reduce or capture greenhouse gases from landfills</li> <li>• Replacement of traffic signals and street lighting with EE technologies</li> <li>• On-site renewable energy technology that generates electricity for government buildings</li> </ul>
<p><b>Weatherization Assistance</b> \$ Stimulus Bill – \$5,000,000,000 \$ NYS Share – \$394,686,513</p>	<p><b>Status</b></p> <ul style="list-style-type: none"> <li>• Program Guidance issued by DOE on 3/12/2009</li> <li>• DHCR to submit Plan to DOE by 5/12/2009</li> <li>• DHCR receives funding from DOE and distributes funds to a network of local community organizations to meet local household needs</li> </ul>	<p><b>Potential Uses</b></p> <ul style="list-style-type: none"> <li>• Assist income-eligible households to reduce their heating and cooling costs and improve the safety of their homes</li> </ul>
<p><b>Energy Efficiency Appliance Rebate Program and the Energy Star Program</b> \$ Stimulus Bill – \$300,000,000 \$ NYS Share - Formula allocation to NYSERDA still to be determined</p>	<p><b>Status</b></p> <ul style="list-style-type: none"> <li>• Pending issuance of funding opportunity by DOE</li> <li>• NYSERDA will receive funds from DOE and structure program for distribution of funds</li> </ul>	<p><b>Potential Uses</b></p> <ul style="list-style-type: none"> <li>• Provide incentives to replace old appliances with energy efficient ENERGY STAR<sup>R</sup> Products</li> </ul>

<b>Alternative Fueled Vehicles Pilot Grants</b> \$ Stimulus Bill – \$300,000,000 \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• DOE issued Funding Opportunity Announcement; proposals due on May 29, 2009</li> <li>• Joint proposal being coordinated by NYSERDA with local Clean Cities Groups</li> <li>• Applicants must be members of DOE Clean Cities Coalition in New York State</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Alternative fueled vehicles, hybrid vehicles, or fuel cell vehicles</li> <li>• Fueling infrastructure</li> <li>• Operation and maintenance</li> </ul>
<b>Transportation Electrification</b> \$ Stimulus Bill – \$400,000,000 \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• Pending issuance of Funding Opportunity Announcement by DOE</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Projects that encourage the use of plug-in electric drive vehicles</li> <li>• Truck-stop electrification, electric truck refrigeration, electric rail</li> </ul>
<b>Electricity Delivery and Energy Reliability</b> \$ Stimulus Bill – \$4,500,000,000 \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• DOE issued Funding Opportunity Announcement for Smart Grid Information Clearinghouse; proposals due on 4/6/2009</li> <li>• Pending issuance of additional Funding Opportunity Announcements by DOE</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Smart Grid, energy storage, grid modernization, security and reliability infrastructure, and worker training</li> </ul>
<b>Advanced Battery Manufacturing Grants</b> \$ Stimulus Bill – \$2,000,000,000 \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• Pending issuance of Funding Opportunity Announcement by DOE</li> </ul>	<b>Potential Use</b> <ul style="list-style-type: none"> <li>• Manufacturing of advanced batteries and components</li> </ul>
<b>Applied Research, Development, Demonstration and Deployment Activities</b> \$ Stimulus Bill – \$2,500,000,000 <ul style="list-style-type: none"> <li>• \$800,000,000 for biomass projects</li> <li>• \$400,000,000 for geothermal projects</li> <li>• \$50,000,000 efficiency of information and communications technology and standards</li> </ul> \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• DOE issued Funding Opportunity Announcements for:             <ul style="list-style-type: none"> <li>– Enhanced Geothermal Systems Component Research and Development Analysis; proposals due 4/30/2009</li> <li>– Enhanced Geothermal Systems Demonstration; proposals due 5/15/2009.</li> </ul> </li> <li>• Pending issuance of additional Funding Opportunity Announcements by DOE</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Applied research, development, demonstration and deployment activities</li> </ul>
<b>Fossil Energy Research and Development</b> \$ Stimulus Bill – \$3,400,000,000 \$ NYS \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• DOE issued Funding Opportunity Announcement for:             <ul style="list-style-type: none"> <li>– University Turbine Systems Research Program; proposals due 4/15/2009</li> </ul> </li> <li>• Pending issuance of additional Funding Opportunity Announcements by DOE</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Fossil energy research and development projects, including carbon capture and sequestration projects and geological characterization</li> <li>• Clean Coal Power Projects</li> </ul>
<b>Science – Advanced Research Projects</b> \$ Stimulus Bill – \$2,000,000,000 \$ NYS Share - \$ from competitive grants to be determined	<b>Status</b> <ul style="list-style-type: none"> <li>• Pending issuance of Funding Opportunity Announcements by DOE</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Research and development of energy technologies</li> <li>• Research to reduce energy imports; energy-related GHG emissions; and improve energy efficiency in all sectors</li> </ul>
<b>Innovative Technology Loan Guarantee Program</b> \$ Stimulus Bill – \$6,000,000,000	<b>Status</b> <ul style="list-style-type: none"> <li>• Pending issuance of Funding Opportunity Announcements by DOE</li> </ul>	<b>Potential Uses</b> <ul style="list-style-type: none"> <li>• Technology Development and Demonstration</li> </ul>
<b>ADDITIONAL INFORMATION</b> For current information from NYSERDA, please sign up on the LISTSERV® at <a href="http://www.nyserda.org/EconomicStimulus">www.nyserda.org/EconomicStimulus</a> If you have a specific question, please email <a href="mailto:EconomicStimulus@nyserda.org">EconomicStimulus@nyserda.org</a> or call 1-866-NYSERDA (1-866-697-3732). Questions also may be directed to the Department of Public Service by contacting Kimberly Harriman at <a href="mailto:Kimberly_harriman@dps.state.ny.us">Kimberly_harriman@dps.state.ny.us</a>		



# New York's Guide to the 2009 American Recovery and Reinvestment Act

NYS Economic Recovery and Reinvestment Cabinet | Governor David A. Paterson

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## Submit Proposals

The American Recovery and Reinvestment Act provides a number of avenues for governments, organizations and other entities to receive funding for programs meant to create jobs and boost the economy. If you are interested in receiving funding for a program and would like to submit a proposal please fill out the form below.

### Contact Information

The point person responsible for managing the project described below.

*\* Required Fields.*

\*First Name:

\*Last Name:

\*Organization:

If you are not associated with an organization enter "None"

Title:

\*Street  
Address:

\*City:

State: New York

\*Zip Code:

\*Phone:

Example: 617-761-2000

\*Email Address:

Would you like to sign up for updates from the Governor's Office and the New York State Economic Recovery and Reinvestment Cabinet?

### Project Information

*\* Required Fields.*

\*Project name:

Any convenient way to refer to your project.

\*Federal Stimulus Program: Please select a program

Please select a sub program

**Required**

\*This request is for (select one): Additional funding for an existing program

New funding

\*Project County: Please select a county

This project spans multiple counties  
If project spans more than one county, select the county from the drop box where the majority of the activity would be located.

\*Project Zip Code:

If project spans more than one zip code, enter the zip code where the majority of the activity would be located.

\*Project Sponsor: Please select a sponsor

The entity that will be legally responsible for the project.

\*Number of New York Jobs Created or Retained:

This is an estimated figure, with currently available information. Final job figures will likely have to be justified in your final application.

\*Timeframe to Start: Please select a timeframe

Timeframe to begin utilization of funds from time of receipt.

\*Estimated Federal Funding Request: \$

This is an estimated figure, with currently available information. Final request figures will likely have to be justified in your final application.

\*Estimated Total Project Cost: \$

This is an estimated figure, with currently available information. Final total cost figures will likely have to be justified in your final application.

\*Description:

Please write a brief project description and expected outcomes. Please quantify if possible. (For example: 150 linear feet of new sewer line.) Note 2,000 character maximum.

**\*For anti-spam purposes please select the current weekday:** Sunday

**Please note: Completing this form is not an official application for funding.** It is, however, an avenue for interested applicants to provide The New York State Economic Recovery and Reinvestment Cabinet with introductory information regarding their projects. The New York State Economic Recovery and Reinvestment Cabinet is still reviewing the American Recovery and Reinvestment Act to determine eligibility and other requirements for funding. Once those standards are determined, users that submit proposals via this webpage will be contacted with information regarding the next official stage of the application process.