# New Jersey

## Rebate Programs for Renewable Energy

### Financial Incentives

**COOLAdvantage Program**

<table>
<thead>
<tr>
<th>Last DSIRE Review: 02/15/2011</th>
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<tbody>
<tr>
<td>Program Overview:</td>
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<tr>
<td>State: New Jersey</td>
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<tr>
<td>Incentive Type: State Rebate Program</td>
</tr>
<tr>
<td>Eligible Efficiency Technologies: Heat pumps, Central Air conditioners</td>
</tr>
<tr>
<td>Eligible Renewable/Other Technologies: Geothermal Heat Pumps</td>
</tr>
<tr>
<td>Applicable Sectors: Residential</td>
</tr>
<tr>
<td>Amount:</td>
</tr>
<tr>
<td>IOU customers (all systems): $500</td>
</tr>
<tr>
<td>Muni and Coop customers (central AC, ductless mini-split, air-to-air heat pumps): $300</td>
</tr>
<tr>
<td>Muni and Coop customers (geothermal heat pumps): $400</td>
</tr>
<tr>
<td>Eligible System Size: Systems must sized appropriately for the dwelling</td>
</tr>
<tr>
<td>Equipment Requirements:</td>
</tr>
<tr>
<td>IOU customers (all systems): minimum 16 SEER, 13 EER, 8.5 HSPF (heat pumps)</td>
</tr>
<tr>
<td>Muni and Coop customers (central AC, ductless mini-split, air-to-air heat pumps): minimum 14.5 SEER, 12 EER, 8.5 HSPF (heat pumps)</td>
</tr>
<tr>
<td>Muni and Coop customers (geothermal heat pumps): Energy Star</td>
</tr>
<tr>
<td>Funding Source: New Jersey Societal Benefits Charge (public benefits fund); ARRA SEEARP</td>
</tr>
<tr>
<td>Program Budget: $19.8 million (2011 for WarmAdvantage and CoolAdvantage combined)</td>
</tr>
<tr>
<td>Start Date: 04/01/2010 (municipal and cooperative utility customers)</td>
</tr>
<tr>
<td>Expiration Date: ARRA-funded: 06/30/2011 or while funds last</td>
</tr>
<tr>
<td>Non-ARRA: 12/31/2011 or while funds last</td>
</tr>
</tbody>
</table>
Summary:

Note: This program is generally limited to electric customers of the participating investor-owned utilities; however, for a limited time during 2010 and 2011 (effective April 1, 2010) the program will also offer incentives to residential customers of municipal and cooperative utilities. This limited time program expansion is made possible by funding from the American Recovery and Reinvestment Act (ARRA) for the State Energy Efficient Appliance Program.

The COOLAdvantage Program’s objective is to improve the energy efficiency of new electric air conditioners and heat pumps. To promote both the sale of energy efficient units and proper installation techniques, the N.J. Clean Energy Program offers rebates for properly sized and installed high efficiency systems. In order to qualify for a rebate, the unit must meet a minimum energy efficient standard, based on its SEER, EER or HSPF ratings. For a limited time during 2010 and 2011, the program has separate offerings for customers or investor-owned utilities and customers of municipal and cooperative utilities, as described below.

Investor-Owned Utility Customers
Customers of Atlantic City Electric, Jersey Central Power & Light, PSE&G and Rockland Electric Company are eligible to apply for this rebate. Builders of new homes are not eligible to participate in the CoolAdvantage program but are encouraged to participate in the Energy Star Homes Program. Effective February 15, 2011 current rebate amounts are set at $500 per system for both air conditioners and heat pumps.

Municipal or Cooperative Utility Customers
Electric customers of municipal and cooperative utilities, are temporarily eligible for slightly different rebates compared to those available for the customers of New Jersey's investor-owned utilities. Standard rebates of $300 per system are available for central AC, air-to-air heat pumps, and ductless AC or heat pump systems that meet the minimum sizing and efficiency requirements. Energy Star qualified geothermal heat pump systems are eligible for a $400 rebate. It is important to note that only equipment purchased on or after April 1, 2010 (the date of program opening) is eligible for a rebate.

Please see the program website for further information on both incentive offerings.

Contact:
Customer Assistance - WarmAdvantage/COOLAdvantage Program
New Jersey Clean Energy Program
c/o Honeywell
145 Route 46 West
Wayne, NJ 07470
Phone: (866) 657-6278
Web Site: http://www.njcleanenergy.com/

Home Performance with Energy Star Program

Last DSIRE Review: 06/24/2011
Program Overview:
State: New Jersey
Incentive Type: State Rebate Program

Eligible Efficiency Technologies:
- Water Heaters, Furnaces, Boilers, Heat pumps, Central Air conditioners, Heat recovery, Programmable Thermostats, Duct/Air sealing, Building Insulation, Comprehensive Measures/Whole Building, Custom/Others pending approval

Eligible Renewable/Other Technologies: Geothermal Heat Pumps

Applicable Sectors:
- Residential
- Multi-Family Residential
- Low-Income Residential

Amount:
- Energy Savings From 10% - 19.99%: $1,500 (single-family); $300/unit (multi-family)
- Energy Savings From 20% - 24.99%: $3,750 and 0% loan up to $10,000 (single-family); $900 per unit (multi-family)
- Energy Savings Greater than 25%: $5,000 and 0% interest loan up to $10,000 (single-family); $1,200 per unit (multi-family)

Maximum Incentive:
- Loans (single-family only): $10,000
- Rebates (single family or multi-family): 50% of cost

Installation Requirements:
- Improvements must be installed by a BPI-certified contractor listed as a New Jersey Clean Energy Program Trade Ally

Funding Source: New Jersey Societal Benefits Charge (public benefits fund)

Program Budget: $34.9 million (2011)

Expiration Date:
- 12/31/2011 (general program year); 09/30/2011 (Summer Discounts)


Summary:

**Note:** Program administrators have recently instituted an additional Summer Discount program offering increased rebates ranging from $500 - $1,000 for projects enrolled in the program by September 30, 2011.

The New Jersey Board of Public Utilities (NJ BPU) offers a Home Performance with Energy Star Program for residents that want to improve the energy efficiency of their homes. The program is set up to provide incentives that lower the ultimate cost to consumers for the installation of energy efficiency measures identified in a comprehensive home assessment. Qualifying measures may include HVAC improvements, air sealing, the installation of better insulation, and domestic hot water systems. Appliances, lighting, doors, and windows are not eligible measures under the current program rules. This program was formerly only available for 1-4 family homes; however, it has been revised in 2011 to also provide incentives for small multi-family dwellings that have 5 or more units, are three stories or less, have single ownership, and where total building energy use data is accessible.

In order to receive incentives from this program, eligible work must be performed by a BPI-certified contractor who is a registered Trade Ally of the New Jersey Clean Energy Program. **Effective May 31, 2011 this program is no longer available to customers of the state's municipal electric utilities and those that use oil or propane as a heating fuel.** Program funding is provided through the New Jersey Societal Benefits Charge (SBC); thus eligibility is limited to customers that pay the SBC. Please see the program website for further details.

**Single-Family Buildings**
The homeowner may receive both a cash rebate and a low-interest loan for the installation of appropriate improvements identified in the home assessment. The incentive schedule is as follows:

- **Tier I - Home Assessment:** A Home Assessment is required in order to be eligible for other incentives,
but no incentives are available for the Home Assessment itself.

- Tier II - Total Energy Savings from 10% - 19.99%: The customer must install air sealing and/or insulation measures, with the option of installing duct sealing and duct sealing insulation measures. An incentive of $1,500 (including the $500 Summer Discount), not to exceed 50% of the cost of the improvements, is available under this tier. Incentives for HVAC improvements are not eligible under this tier, but the customer remains eligible to receive incentives for HVAC upgrades and conversions through the WarmAdvantage and CoolAdvantage programs.

- Tier III (Level I) - Total Energy Savings from 20% - 24.99%: The customer must install air sealing, insulation, HVAC, domestic hot water and/or other eligible measures (minimum of 2 measures). The available incentive is $3,750 (including the $750 Summer Discount), not to exceed 50% of the cost of the improvements, coupled with a 0% interest loan of up to $10,000. Because HVAC system improvements are eligible for incentives under this tier, customers who receive Tier III incentives may not also claim HVAC incentives under the WarmAdvantage and CoolAdvantage programs.

- Tier III (Level II) - Total Energy Savings Greater than 25%: The customer must install air sealing, insulation, HVAC, domestic hot water and/or other eligible measures (minimum of 2 measures). The available incentive is $5,000 (including the $1,000 Summer Discount), not to exceed 50% of the cost of the improvements, coupled with a 0% interest loan of up to $10,000. Because HVAC system improvements are eligible for incentives under this tier, customers who receive Tier III incentives may not also claim HVAC incentives under the WarmAdvantage and CoolAdvantage programs.

Multi-Family Buildings
In order to participate in this program, the improvements must consider a whole-building approach. Individual dwelling units within a building are not eligible independently of the larger development. The contractor will work with program personnel to ensure a proper project assessment and approval process. The incentive schedule is as follows:

- Tier I - Total Energy Savings from 10% - 19.99%: The available incentive is $300 per dwelling unit, not to exceed 50% of the cost of the improvements.
- Tier II - Total Energy Savings from 20% - 24.99%: The available incentive is $900 per dwelling unit, not to exceed 50% of the cost of the improvements.
- Tier III - Total Energy Savings Greater than 25%: The available incentive is $1,200 per dwelling unit, not to exceed 50% of the cost of the improvements.

In addition to the state program described above, some New Jersey electric and natural gas utilities administer supplemental energy efficiency programs for their customers. Prospective participants should contact their utility to see if additional incentives are available.

Contact:
New Jersey Clean Energy Program - Residential Market Manager
c/o Honeywell
145 Route 46 West
Wayne, NJ 07470
Phone: (866) 657-6278
Fax: (508) 672-7910
Web Site: http://www.njcleanenergy.com/
### New Jersey Renewable Energy Incentive Program

**Last DSIRE Review:** 03/09/2011

**Program Overview:**
- **State:** New Jersey
- **Incentive Type:** State Rebate Program
- **Eligible Renewable/Other Technologies:** Landfill Gas, Wind, Biomass, CHP/Cogeneration, Anaerobic Digestion, Fuel Cells using Renewable Fuels
- **Amount:**
  - Biomass and Fuel Cells: $0.15 - $4/W DC (varies by capacity)
  - Biomass and Fuel Cells (w/CHP): $0.65 - $5/W DC (varies by capacity)
  - Wind: $3.20/annual kWh for first 16,000 kWh; $0.50/estimated annual kWh for next 984,000 kWh
  - Feasibility Studies: 50% of study cost
- **Maximum Incentive:**
  - Biomass and Fuel Cells: 30% of installed costs (maximum for incentive schedule is $985,000)
  - Biomass and Fuel Cells (w/CHP): 40% of installed costs (maximum for incentive schedule is $1,512,500)
  - Wind: $51,200 for residential, $543,000 for other systems as determined by incentive schedule; also limited to 120% of estimated system performance at a reference wind speed of 11.4 mph
  - Feasibility Studies: lesser of $10,000 - $50,000 (varies by system size) or 50% of cost
- **Eligible System Size:**
  - Fuel Cells and Sustainable Biomass: No maximum, but incentives are limited
  - Wind: No maximum, but incentives are limited
  - Feasibility Studies: minimum system size of 100 kW
  - Output generally should not exceed 100% of the historical or expected (if new construction) consumption.
- **Equipment Requirements:**
  - Generally, systems and components must be new, in compliance with all applicable performance and safety standards, and must carry a minimum 5-year all inclusive warranty; wind turbines must be listed as eligible under program guidelines; all inverters must be IEEE 929 and UL 1741 certified; further detailed standards exist for biomass and fuel cell systems.
- **Installation Requirements:**
  - Installation must comply with all federal, state and local codes; must meet detailed siting criteria specified in program guidelines; new construction must be located in a Smart Growth region.
- **Ownership of Renewable Energy Credits:** Remains with project owner
- **Funding Source:** New Jersey Societal Benefits Charge (public benefits fund)
- **Program Budget:** $14.2 million (2011 available funding, not including already committed funds)
- **Start Date:** March 2001 (for rebate program)
- **Authority 1:** N.J. Stat. § 48:3-60
- **Date Enacted:** 1999
Note: The New Jersey Clean Energy Program has issued a notice stating that the wind energy portion of this program is temporarily on hold and new applications are not being accepted at this time.

Please also note that rebates for photovoltaic (PV) installations are no longer offered under this program. PV systems remain eligible to generate Solar Renewable Energy Certificates (SRECs) and may be eligible for specialized programs based in the SREC market. Click here for further details on the individual utility programs.

New Jersey's 1999 electric restructuring legislation provides for investments in energy efficiency and renewable energy through a "Societal Benefits Charge" (SBC) collected from all customers of electric public utilities. In March 2001, the New Jersey Board of Public Utilities (BPU) approved funding for renewable-energy programs, including a customer-sited renewables rebate program for homes, businesses, institutions and non-profits.

Currently, eligible technologies include fuel cells, small wind-energy systems and/or sustainable biomass-energy technologies. Systems must have at least a five-year, all-inclusive warranty. Eligible systems should be sized to produce no more than 100% of the historical or expected (if new construction) amount of electricity consumed at a system's site. It is important to note that system capacity limits and rebate amounts (including those for system additions) are calculated on a "per site" basis. In other words, for program purposes multiple systems on the same parcel or located on adjacent or contiguous properties under common ownership are aggregated together as a single system.

In addition, all agricultural, commercial, industrial, and non-profit customers must apply for a receive a Tax Clearance Certificate from the New Jersey Division of Taxation in order to be eligible for financial assistance under this program. The objective of this new requirement is to ensure that all recipients of taxpayer funded support are in full compliance with their state tax obligations. This mandate does not affect single-family residential customers.

Sustainable Biomass and Fuel Cell Systems (including CHP)
These systems are currently eligible for incentive levels beginning at $5/watt, declining incrementally with increasing system size. Systems that incorporate combined heat and power (CHP) are eligible for slightly higher incentives. Rebates for all systems regardless of size are limited to 30% of installed costs, or 40% of installed costs if the system incorporates CHP. The rebate schedule is as follows:

- $4.00 per watt for the first 10 kW, $5.00 per watt with CHP
- $3.00 per watt for the next 90 kW, $3.75 per watt with CHP
- $1.50 per watt for the next 400 kW, $2.00 per watt with CHP
- $0.15 per watt for the next 500 kW, $0.65 per watt with CHP

Wind Energy Systems (currently suspended)
Wind energy systems receive rebates based on expected performance rather than nameplate capacity. The Expected Performance Based Buydown (EPBB) rebate will be calculated according to the estimated first-year annual energy output, which itself is based on the estimated 50 meter wind speed at the site, the proposed tower height, and the performance curve of the proposed turbine. The per kilowatt-hour ($ per kWh) value of the rebate is determined by the estimated output as follows:

- $3.20 per annual kWh for the first 16,000 kWh of estimated energy production.
- $0.50 per annual kWh for estimated energy production between 16,000 kWh and 1,000,000 kWh.

Wind rebates for residential systems are capped at $51,200 (the upper limit of the first tier of the incentive
schedule). The overall cap determined by second tier of the incentive schedule is $543,000 but the incentive is also capped at 120% of the of the estimated system specific performance at a reference speed of 11.4 mph (average annual wind speed of 13.7 mph). A performance calculator tool and a list of eligible wind energy systems are available on the program website.

**Wind and Biomass Feasibility Studies**

Non-residential wind and biomass projects of 100 kW or larger which are sized in order to be eligible to net meter (i.e., expected energy production should not exceed 100% of historical or expected on-site consumption) are eligible for feasibility study incentives at the following levels:

- Systems size of 100 - 249 kW: 50% of cost up to $10,000
- Systems size of 250 - 499 kW: 50% of cost up to $25,000
- System size of 500 kW or greater: 50% of cost up to $50,000

The New Jersey Clean Energy Program web site provides all application materials, complete funding schedules and information about current incentive levels.

**Contact:**

Public Information - Renewable Energy Program  
New Jersey Board of Public Utilities  
Office of Clean Energy  
c/o Conservation Services Group  
75 Lincoln Highway  
Iselin, NJ 08830  
Phone: (866) 657-6278  
New Jersey SmartStart Buildings is a program sponsored by the New Jersey Board of Public Utilities in partnership with New Jersey’s gas and electric utilities. The program has three main project categories: new commercial/industrial construction, commercial/industrial retrofits, and schools. The incentives provided through this program are available to non-residential retail electric and/or gas service customers of the participating New Jersey utilities: Atlantic City Electric, Jersey Central Power & Light, Rockland Electric Company, New Jersey Natural Gas, Elizabethtown Gas, PSE&G, and South Jersey Gas. Incentives for new construction are only available for projects within New Jersey Smart Growth* areas while retrofit incentives are available to all commercial and industrial customers as described above. Public schools are exempt from the Smart Growth requirement for new construction, as are building expansions and replacements that meet certain criteria. New Jersey SmartStart Buildings receives its funding through New Jersey's Societal Benefits Charge (SBC). The incentive offering is comprised of a combination of prescriptive equipment rebates and incentives for custom improvements that save energy.

Prior to participation the in SmartStart Buildings New Construction and Retrofits Program, municipalities are eligible to participate in the separate Local Government Energy Audit Program which will subsidize 100% of the initial cost of an energy audit for local government buildings, up to $100,000. Energy efficiency improvements identified in the audit may be eligible for the SmartStart Buildings Program incentives described below.

Under this program rebates are provided for HVAC equipment, lighting, premium motors, natural gas water heaters, variable frequency drives, and custom measures approved by the participating utility. The rebate amounts are all determined by the equipment type, size and/or efficiency level. For 2011 custom electricity and natural gas measures are limited to the lesser of: $0.16/annual kWh or $1.60/annual therm saved; 50% of total project costs; or an incentive level that results in a 1-year payback period. In order to qualify for custom measure incentives a project must have a minimum first-year energy savings of 75,000 kilowatt-hours (kWh) for custom electric measures or 1,500 therms for custom gas measures, and have an internal rate of return of 10% or greater. These restrictions may be waived on a case-by-case basis if the project is within 10% of the requirements.

To participate in this program, customers must submit a properly completed application package consisting of an application and technology worksheet (where appropriate) to the program manager. The program manager will then review the application package to determine if the project is eligible for a rebate. If eligible, the customer will receive an approval letter with the estimated incentive amount and the date by which the equipment must be purchased and installed in order for the approval to remain in effect. Upon receipt of the approval letter, the customer may then proceed to install the equipment listed on the approved application. Incentives may be available for equipment purchased, but not installed, up to 12 months prior to the submission of an application, although the purchaser does so at their own risk. Outside of certain limited circumstances (see program website for details) pre-approval is required prior to the installation of any equipment.
*Click [here](http://www.dsireusa.org/incentives/allsummaries.cfm?State=NJ&Implementor=New%20Jersey%20Clean%20Energy%20Program) to use the New Jersey Housing and Mortgage Finance Agency Smart Growth Locator tool.

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**Contact:**
New Jersey Clean Energy Program - Commercial & Industrial Market Manager  
c/o TRC Energy Services  
900 Route 9 North, Suite 104  
Woodbridge, NJ 07095  
Phone: (866) 657-6278  
Fax: (732) 855-0422  
Web Site: [http://www.njcleanenergy.com/](http://www.njcleanenergy.com/)

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**Renewable Energy Manufacturing Incentives (for End-Use PV Installations)**

Last DSIRE Review: 01/12/2011

**Program Overview:**
- **State:** New Jersey
- **Incentive Type:** State Rebate Program
- **Eligible Renewable/Other Technologies:** Photovoltaics, (Includes Panels, Inverters and Racking Systems for Photovoltaic Systems)
- **Amount:** Varies by equipment type, sector, and system size; total incentive may be from $0.05 - $0.55/W DC
- **Maximum Incentive:** Varies by equipment type, sector, and system size
- **Eligible System Size:** None, but incentives are limited to first 10 kW for residential installations and first 500 kW for non-residential installations
- **Equipment Requirements:** Manufacturer must be certified as eligible for the program, which requires that at least 50% of product cost be associated with facilities located on New Jersey; panels and inverters must be UL compliant and racking systems must be ASCE compliant; all components must be commercially available to the public.
- **Installation Requirements:** Equipment must be installed in accordance with the standards of the state SREC program
- **Ownership of Renewable Energy Credits:** Not applicable
- **Funding Source:** New Jersey Societal Benefits Charge (public benefits fund)
- **Program Budget:** $1 million (2011)
- **Start Date:** 09/23/2009

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Summary:
In September 2009 New Jersey opened the Renewable Energy Manufacturing Incentive (REMI) program, which provides rebates for homeowners and businesses that install renewable energy system components manufactured in New Jersey. *At present, the incentives are limited to photovoltaic system components -- modules, inverters, and racking systems -- but program managers intend to expand the program to cover eligible wind and bio-power equipment in the future.

There is no specific size limitation on eligible projects, but incentives are limited to the first 10 kilowatts (kW) for residential systems and the first 500 kW for non-residential systems. However, the program is designed to supplement the existing New Jersey Solar Renewable Energy Certificate (SREC) program. *Currently, in order to receive incentives applicants must apply through one of the SREC program, thus any limitations and any equipment, installation, and design standards that apply to the SREC program also apply to the REMI. In addition, since the program is funded from the state System Benefits Charge (SBC), it is only available to customers of New Jersey's electric distribution utilities that pay the SBC (Atlantic City Electric, Jersey Central Power & Light, Public Service Electric & Gas or Rockland Electric Company). Incentives are only available to new applicants, not those with completed projects or those with projects that have already been accepted into the SREC program.

Total incentives range from $0.05 - $0.55 per watt DC, depending on sector, system size, and the type(s) of eligible equipment incorporated into a system. The tables below summarize how incentives are calculated for different systems.

### Photovoltaic Panels

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Incentive Amount</th>
<th>Maximum System Size</th>
<th>Maximum Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential (0 - 10 kW)</td>
<td>$0.25/W</td>
<td>10 kW</td>
<td>$2,500</td>
</tr>
<tr>
<td>Non-residential (0 - 50 kW)</td>
<td>$0.14/W</td>
<td>50 kW</td>
<td>$7,500</td>
</tr>
<tr>
<td>Non-residential (51 - 100 kW)</td>
<td>$0.12/W</td>
<td>100 kW</td>
<td>$12,000</td>
</tr>
<tr>
<td>Non-residential (101 - 500 kW)</td>
<td>$0.08/W</td>
<td>500 kW</td>
<td>$40,000</td>
</tr>
</tbody>
</table>

### Inverters

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Incentive Amount</th>
<th>Maximum System Size</th>
<th>Maximum Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential (0 - 10 kW)</td>
<td>$0.15/W</td>
<td>10 kW</td>
<td>$1,500</td>
</tr>
<tr>
<td>Non-residential (0 - 50 kW)</td>
<td>$0.09/W</td>
<td>50 kW</td>
<td>$4,500</td>
</tr>
<tr>
<td>Non-residential (51 - 100 kW)</td>
<td>$0.07/W</td>
<td>100 kW</td>
<td>$7,000</td>
</tr>
<tr>
<td>Non-residential (101 - 500 kW)</td>
<td>$0.05/W</td>
<td>500 kW</td>
<td>$25,000</td>
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</tbody>
</table>

### Racking Systems

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Incentive Amount</th>
<th>Maximum System Size</th>
<th>Maximum Incentive</th>
</tr>
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<tbody>
<tr>
<td>Residential (0 - 10 kW)</td>
<td>$0.15/W</td>
<td>10 kW</td>
<td>$1,500</td>
</tr>
<tr>
<td>Non-residential (0 - 50 kW)</td>
<td>$0.09/W</td>
<td>50 kW</td>
<td>$4,500</td>
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</tr>
<tr>
<td>Non-residential (51 - 100 kW)</td>
<td>$0.07/W</td>
<td>100 kW</td>
<td>$7,000</td>
</tr>
<tr>
<td>Non-residential (101 - 500 kW)</td>
<td>$0.05/W</td>
<td>500 kW</td>
<td>$25,000</td>
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</tbody>
</table>

Incentives for each possible component are calculated separately; thus a 10 kW residential installation could receive a total incentive of $5,500 ($0.55/W) if it was constructed using eligible panels ($0.25/W), an eligible inverter ($0.15/W), and an eligible racking system ($0.15/W).

In order to qualify for incentives, equipment must be made by a program certified manufacturer. This certification requires that at least 50% of product cost be associated with facilities located on New Jersey. In addition, all panels and inverters must be UL compliant; racking systems must be ASCE compliant; and all components must be commercially available to the public. Manufacturers will be subject to annual on-site visits to demonstrate that their product(s) meet and continue to meet the compliance tests for program certification.

A total of $1 million is available for incentives under this program during 2011, subject to change according to the funding needs of other state renewable energy incentive programs. Please consult the program website or use the contact information below for further information.

*The former Customer On-Site Renewables (CORE) rebate program offered bonus incentives for New Jersey manufactured equipment. The CORE program was replaced by the REIP rebate program and the "bonus" incentives now exist as the separate REMI program. The REIP subsequently closed to new solar applications beginning in 2011 so the program now complements only the New Jersey SREC program.

Contact:
Public Information - Renewable Energy Program
New Jersey Board of Public Utilities
Office of Clean Energy
c/o Conservation Services Group
75 Lincoln Highway
Iselin, NJ 08830
Phone: (866) 657-6278
Web Site: http://www.njcleanenergy.com/renewable-energy/home/home

WARMAAdvantage Program

Last DSIRE Review: 02/15/2011
Program Overview:
State: New Jersey
Incentive Type: State Rebate Program
Eligible Efficiency Technologies: Water Heaters, Furnaces, Boilers
Eligible Renewable/Other Technologies: Solar Water Heat
Applicable Sectors: Residential

Residential Electric Customers:
Heat Pump Water Heater: $250

Eligible Natural Gas Customers:
Furnace: $300
Furnace w/ECM: $400
Boiler: $300
Domestic Hot Water Heater: $300

Solar Hot Water Heater: $1,200

Oil or Propane Users:
Furnace (gas or oil): $300
Boiler (gas or oil): $300
Gas Tankless Water Heater: $300
Solar Hot Water Heater: $1,200

Residential Electric Customers:
Heat Pump Water Heater: Energy Star

Eligible Natural Gas Customers:
Furnace: 92% AFUE or greater, Energy Star
Furnace w/ECM: 92% AFUE or greater, Energy Star
Boiler: 85% AFUE or greater, Energy Star
Domestic Water Heater: 0.82 EF

Solar Hot Water Heater: Energy Star; SRCC OG-300 certified; Solar Factor 0.5 or greater

Oil or Propane Users:
Gas Furnace: 92% AFUE or greater, Energy Star
Oil Furnace: 85% AFUE or greater, Energy Star
Boiler (oil or gas): 85% AFUE or greater, Energy Star
Tankless Water Heater: 0.82 EF or greater, Energy Star
Solar Hot Water Heater: Energy Star; SRCC OG-300 certified; Solar Factor 0.5 or greater

Equipment Requirements:

Funding Source: New Jersey Societal Benefits Charge (public benefits fund); ARRA SEEARP
Program Budget: $19.8 million (2011 for WarmAdvantage and CoolAdvantage combined)
Start Date: 02/01/2010 (oil and propane heating customers)
Expiration Date: ARRA-funded: 06/30/2011 or while funds last
Non-ARRA: 12/31/2011 or while funds last
Web Site: http://www.njcleanenergy.com/html/1residential...

Summary:

Note: This program is generally limited to natural gas customers of participating utilities; however, for a limited time during 2010 and 2011 (effective February 1, 2010) the program will also offer incentives to residential customers that use oil or propane heating systems. This limited time program expansion is made possible by funding from the American Recovery and Reinvestment Act (ARRA) for the State Energy Efficient Appliance Program.

Also note that a number of program changes took effect February 15, 2011. These changes include the addition of solar water heaters as an eligible technology for gas and propane customers and a revision to
the eligibility rules for other domestic hot water systems.

Natural Gas Customers
The WARMAdvantage Program’s objective is to improve the energy efficiency of space-heating systems and water heaters. The New Jersey Clean Energy Program offers rebates on furnaces, boilers and water heaters. Furnaces and boilers can qualify for incentives of $300 to $400, depending on level of efficiency.

In order to be eligible for this program, applicants must be current residential gas customers of Elizabethtown Gas, New Jersey Natural Gas, Public Service Electric and Gas, or South Jersey Gas. Several of these utilities also offer supplemental incentives for residential space and water heating applications. Those participating in the New Jersey Energy Star Home New Construction Program are not eligible to apply. Installations in newly constructed homes are only eligible if the home is in the Smart Growth Area.

Oil or Propane Users
Effective February 1, 2010, customers that use propane or oil for space-heating and water heating are eligible for incentives under terms similar to those offered to eligible natural gas customers. In order to qualify for incentives new boilers, furnaces, and water heaters must meet the minimum program efficiency requirements and replace an appliance in an existing New Jersey home. Appliances installed in new construction are not eligible for incentives.

Residential Electric Customers
Effective April 9, 2010 all residential electric customers in New Jersey are eligible for a $250 rebate for the purchase and installation of a qualifying heat pump hot water heater. In order to qualify, the system must be Energy Star qualified; replace an existing electric water heater; and have a six-year warranty on the tank and parts, and a one-year warranty on labor.

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