

## New Jersey: A Clean Energy Leader

- ▶ The estimated annual reduction in CO<sub>2</sub> emissions from the New Jersey installed renewable energy capacity as of December 2011 was 315,031 metric tons, which is equivalent to removing 61,771 cars from the road, or conserving almost 35.31 million gallons of gasoline, or supplying the electricity used by 39,281 homes for one year according to the US Environmental Protection Agency (EPA), Greenhouse Gas Equivalencies Calculator.
- ▶ Through June 30, 2012, renewable energy systems were installed in 16,781 schools, businesses and homes, generating 873.5 MW of clean, emission-free electricity and reducing energy costs for years to come.

### Renewable Energy Resources

Learn more about renewable energy resources available from *New Jersey's Clean Energy Program*. NJCEP provides information and resources to help you stay on top of the renewable energy industry, including the latest project activity reports, recent program updates, project success stories and frequently asked questions. Don't forget to sign up for *New Jersey's Clean Energy Program* newsletter today to stay informed.

Want to learn more?  
Visit [NJCleanEnergy.com/RE](http://NJCleanEnergy.com/RE)

## New Jersey's Clean Energy Program™

Join the thousands in New Jersey who have taken advantage of the programs, services and incentives offered by *New Jersey's Clean Energy Program* that save energy and money and reduce greenhouse gases. Now more than ever, it makes good sense to adopt energy-efficient practices, install energy-efficient equipment and support and install renewable energy systems. Not only will your energy improvements contribute to the economy and environment of New Jersey, you'll also realize bottom-line savings.

Investing in energy efficiency and renewable energy measures, which are supported by *New Jersey's Clean Energy Program*, gives residents and businesses the opportunity to help reduce energy usage and lower greenhouse gas emissions in an effort to reduce overall energy consumption.

For additional information  
and energy saving tips  
and ideas, visit

[NJCleanEnergy.com/RE](http://NJCleanEnergy.com/RE)  
or call 866-NJSMART



Your Power to Save

*New Jersey's Clean Energy Program* is a statewide program administered by the New Jersey Board of Public Utilities that promotes energy efficiency and renewable energy for all New Jersey ratepayers, including residences, businesses, schools and municipalities.

For more information on incentives for clean energy and energy-efficient technologies for your home or business, please visit: [NJCleanEnergy.com](http://NJCleanEnergy.com), or call 866-NJSMART.

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## New Jersey's Clean Energy Program™

# RENEWABLES



2012 Program Version



## Thousands of New Jersey homeowners, businesses and municipalities are incorporating clean, renewable energy into their everyday lives with help from *New Jersey's Clean Energy Program*.

You can take advantage of this program and realize savings in both energy and money. You'll also help reduce greenhouse gas emissions and their effects on climate change.

Whether it's for your home or your business, *New Jersey's Clean Energy Program* makes using renewable energy technologies practical and just plain smart.

## Renewable Energy

### SOLAR

Make solar power a part of your energy future. New Jersey is one of the leading states in the country in terms of the number of solar installations and installed capacity. Much of this success is due to New Jersey's solar financing model, which relies on the use of Solar Renewable Energy Certificates (SRECs).

The SREC Registration Program is used to register all solar projects in New Jersey. SRECs can be sold or traded separately from the power, providing solar system owners a recurring source of revenue. Each time a system generates 1,000 kilowatt hours of electricity, an SREC is earned and placed in the customer's account.

More information, including the application and metering requirements, can be found on the website at [NJCleanEnergy.com/SREC](http://NJCleanEnergy.com/SREC).

### WIND

*New Jersey's Clean Energy Program* provides financial incentives towards reducing the upfront cost of small wind systems. Wind system incentives are based on the project's estimated energy production. In addition to incentives, wind system owners may also benefit from tax credits.

All wind owners in New Jersey with electric distribution grid-connected systems are eligible to generate Class 1 Renewable Energy Certificates (RECs). RECs can be sold or trade separately from the power, providing system owners with a recurring source of revenue to help offset the cost of installation, operation and maintenance. Incentives may also be available for wind feasibility studies.

Please check the website for the most current status of this program at [NJCleanEnergy.com/WIND](http://NJCleanEnergy.com/WIND).

### BIOPOWER

Sustainable biopower technologies are eligible for financial incentives through *New Jersey's Clean Energy Program*.

These biopower technologies use a renewable supply of organic material (biomass) to produce electricity, thus reducing our dependence on fossil fuels while promoting local business and farming. Sustainable biomass includes any organic matter that is available on a sustainable basis. Wood is the largest biomass energy resource today, but other sources of biomass can also be used. Even the fumes from landfills (methane, a natural gas) can be used as a biomass energy source to produce biopower.

Financial incentives are available for biopower projects using sustainable biomass. In addition, incentives may also be available for biopower feasibility studies.

### CLEANPOWER CHOICE PROGRAM<sup>SM</sup>

CleanPower Choice is a voluntary program that gives customers the option to sign up for clean power directly through their local electric utility. This allows you to invest in renewable power technologies, such as wind, solar, hydro and landfill gas without installing any equipment to your home or business. For the average New Jersey home (700 kWh per month), the CleanPower Choice Program could cost an additional \$5.78 to \$14 per month, depending on which product you use.

You'll still receive only one bill a month from your current electric company. And if you have a problem, you'll still call your local utility for service. This choice allows you to contribute to the development of renewable sources of energy and the protection of our environment and shoreline.



## Energy Efficiency First

Reduce your energy usage. Adoption of clean, renewable energy marks a big step toward climate change solutions. However, the cleanest kilowatt is the one *not used*.

*New Jersey's Clean Energy Program* offers energy-efficiency programs, information and resources to help reduce energy consumption. By implementing energy-efficiency measures first, you not only reduce your overall energy use, but you may also reduce the amount of renewable energy capacity that you need, saving you money for years to come. Visit [NJCleanEnergy.com](http://NJCleanEnergy.com) to learn about:

- ▶ Rebates on ENERGY STAR<sup>®</sup> qualified appliances
- ▶ Home Performance with ENERGY STAR where homeowners work with Building Performance Institute accredited contractors to identify sources of wasted energy and help make money-saving improvements
- ▶ Incentives for upgrading heating and cooling equipment
- ▶ Incentives available for commercial, industrial and municipal entities to integrate energy efficiency into facilities of every age and size

## Shopping for Electricity

New Jersey businesses, residents and municipalities now shop for the lowest price with third-party suppliers. Their local electric or natural gas distribution companies still deliver the supplies through their wires or pipes – and respond to emergencies – but the supplies themselves are purchased from other companies.