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866-NJSMART

## Your Power to Save

August 2017

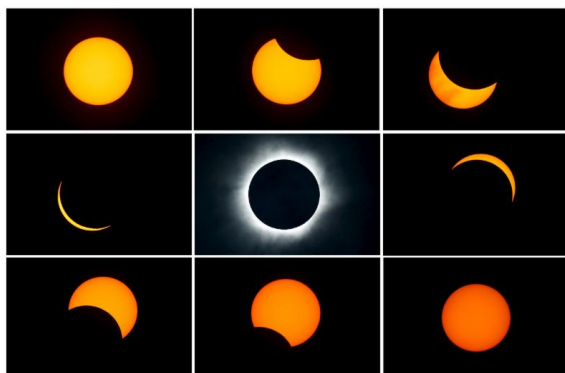
### STAY CONNECTED!

Join the thousands of New Jersey homeowners, businesses and municipalities that have taken advantage of incentives offered by **New Jersey's Clean Energy Program™**. These programs provide opportunities for you to save energy, money and help protect our climate and shoreline.



Check out the latest list of [rebates and promotions](#).

## WILL YOU BE THERE?



Today, August 21, 2017, the United States will experience a solar eclipse that travels in totality across the U.S. This remarkable event caused by the moon passing directly between the earth and the sun occurs approximately every 18 months over different parts of the world. [The Great American Eclipse](#) will cross over a [70-mile-wide path](#) from Oregon to South Carolina. A similar path crossing over the U.S. has not happened since 1918.

Since the 1950's, New Jersey has contributed significantly to the great progress in the realm of generating electricity using the sun. From research and development to deployment, our state has been at the epicenter of the action. This three hour event today will place New Jersey in partial darkness and depending upon the amount of cloud coverage reduce the output of the Garden State's [78,000 plus](#) installed solar systems on homes and businesses. When the sky darkens the expected fall-off in solar generation will be closely watched by the operators of the nation's electric distribution systems. Wherever you are today remember to wear [proper eye gear](#).

If you are watching, turn to NASA's Lunar Reconnaissance Orbiter and [wave at the moon](#) at approximately 2:25 p.m. EDT., your photo will be captured. Share your reaction with us and any observational data on the operation of your solar PV system as well as any photos you capture on [Facebook](#) or [Twitter](#)!

60 PLUS YEARS OF SOLAR

In the 1950's, scientists at Bell Works Lab in New Jersey successfully harnessed the "limitless" energy of the sun to create an innovative way to generate electricity. Since inception, the photovoltaic (PV) or solar cell technology has evolved to recharge batteries, power satellites, power telecommunications equipment and more recently be an alternate to traditional sources of electricity like coal, natural gas and oil.



As PV technology and other renewable energy sources are able to power more of our energy systems, we as energy consumers have increasingly greater access to a number of choices that allow us to reduce the total consumption of traditional power sources. Since 2010, the cost to install solar has [decreased by more than 70%](#), however the question is still, *how will I pay for such a system?*

As with most other durable good or big-ticket purchases, paying cash for a solar system is generally the most cost-effective way to obtain the system. However, many homeowners and other types of property owners considering a solar investment cannot, or prefer not to, pay cash. To assist in the decision-making process of how to finance such a sizable investment, *New Jersey's Clean Energy Program*™ has put together a [guide to understanding your options](#).

## IT'S TIME FOR SCHOOL AGAIN



If you're still in shock from high energy bills from the summer heat, sending your energy buzzards back to school may not be the only way to reduce your energy costs. While you are preparing a list of items your fledglings will need, simultaneously create one for your home.

Does your home's temperature fluctuate from one room to the next? It may not be entirely from the kids running in and out all day long. If the temperature from each room varies, even after the kids have returned to school, you may be in need of more insulation and some air sealing.

Keeping tabs on your indoor air quality is also a key step in keeping the family healthy. NJCEP's [Home Performance with ENERGY STAR®](#) can address some of your home's needs by creating a more comfortable and healthy environment, while reducing your energy costs.

To learn more, call a certified BPI Contractor, who works directly with *New Jersey's Clean Energy Program*.

## 2017 CLEAN ENERGY CONFERENCE



New Jersey  
Clean Energy  
Learning Center

On September 12th the New Jersey Board of Public Utilities will host the [2017 Clean Energy Conference](#) at the New Jersey Institute of Technology in Newark. The program is specifically designed for NJCEP contractors and partners to learn about cutting edge energy efficiency products and systems, hear from building science experts and receive the latest updates on *New Jersey's Clean Energy Program*.

The conference will showcase several energy efficiency contractors and projects that have enabled hundreds of New Jersey residents to save money and energy in their homes and in their

businesses. Their work contributes to the mission of New Jersey to provide a cleaner, more reliable and safe environment for our residents.

## WE'RE HEADING YOUR WAY

Where do you spend your free time? Looking for something to do? Find NJCEP at an [event near you!](#) Here's how we are ending our summer:

### AUGUST

- Trenton Thunder Baseball Game **(21)**
- Somerset Patriots Baseball **(25)**
- City of Ocean City Green Fair **(25)**

### SEPTEMBER

- Plainfield Municipal Utilities Authority Annual Green Fair **(9)**
- Bringing Sustainability to Ringwood **(16)**



We would like to increase the awareness of clean energy and the exciting ways *New Jersey's Clean Energy Program* can reduce your utility bills. Let us know about local events where we can join you to provide a speaker. Residents can learn about our rebate programs and ways they can save energy at home and at work. Complete this [form](#) with your event details.

Check out the latest list of [rebates and promotions](#).



## We're Here to Help

### *About the New Jersey Clean Energy Program (NJCEP):*

Provides financial and other incentives to the State's residential customers, businesses, local governments and schools that install high-efficiency or renewable energy technologies, thereby reducing energy usage, lowering customers' energy bills and reducing environmental impacts. In totality over the last fifteen years, New Jersey has invested more than \$3.1 billion in approximately 1.5 million energy saving projects that have reduced electric use by approximately 10% - enough energy savings compounded over 15 years to power about 3.1 million homes. The program is authorized and overseen by the New Jersey Board of Public Utilities (NJBPU), and its website is [www.NJCleanEnergy.com](http://www.NJCleanEnergy.com).

Call us at **866-NJSMART** (866-657-6278) for information on these and other energy-saving programs for your home or business.

***New Jersey's Clean Energy Program***  
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**STAY CONNECTED**

