



**NORTHWEST BERGEN COUNTY
UTILITIES AUTHORITY**

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NBCUA Reaps the Benefits of Investing in Solar

NBCUA Municipalities Save \$30,000 Annually

(Waldwick, NJ) – The Northwest Bergen County Utility Authority has completed payment of its solar panel program and will continue to pass along the energy savings to its ratepayers.

In 2009 the Northwest Bergen County Utilities Authority installed a 334 kW Solar Generating System at its wastewater treatment plant in Waldwick, NJ. The System features 1,547, 216 watt modules manufactured by Sharp.

The System became operational in October 2009. The installed cost of \$2,320,080 was financed by Clean Renewable Energy Bonds (CREBs) issued by the Bergen County Improvement Authority (BCIA) and guaranteed by the County of Bergen. Annual debt service was \$180,000. At the time, the Authority also received a grant from the New Jersey Clean Energy Program's CORE Rebate Program in the amount of \$630,537.

“We continue to operate with an eye toward keeping costs down for our municipal members,” said NBCUA Operating Engineer Howard Hurwitz. “The fact that we can keep costs down while also making the plant more environmentally friendly is a win-win for everyone involved. We will continue to look for similar opportunities to execute on these two important tenets of our operations,” he added.

In 2022, NBCUA completed paying off the system. From 2009 through 2022, income derived from the sale of Solar Renewable Energy Credits (SRECs) and savings achieved from lower PSE&G bills saved our ratepayers over \$100,000 above the cost of the system. Moving forward, the Authority’s expenses will be limited to preventive maintenance on the system. **NBCUA anticipates the solar power program will continue to save the Authority and its members over \$30,000 a year.**

In addition to the economic savings, the NBCUA solar program reduces carbon emissions by an estimated 620,000 pounds per year.

About the NBCUA

The Northwest Bergen County Utilities Authority (NBCUA) was established in 1952 in order to provide sewage treatment services to the municipalities in the northwest section of Bergen County. The NBCUA receives sewage from its member municipalities and conveys the sewage to its treatment plant in Waldwick.

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