



MICHAEL A. SEDON
COUNCILMAN

VILLAGE OF RIDGEWOOD

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For: Sustainable Jersey
On-Site Solar System
Municipal certification

The Village of Ridgewood has made great strides toward implementing the use of photovoltaic solar systems on many of the major municipal buildings throughout town offsetting between 40 and 60 percent of the electrical usage for these properties annually depending on the amount of sunlight available to produce power.

Currently four village-owned properties are equipped with PV solar panels that began generating power in February 2013. The main fire station on 201 E. Glen Ave. has 324 roof-mounted modules at 240 W producing about 77,780 Kwh annually; the municipal building Village Hall on 131 N. Maple Ave. has 294 roof-mounted modules at 240 W producing about 70,560 Kwh annually; the Water Pollution Control Facility on 561 Prospect St. has 210 ground-mounted modules at 210 W producing about 50,400 Kwh annually and the Emergency Medical Services building on 33 Douglas Pl. has 42 roof-mounted modules producing about 10,080 Kwh annually.

The system was installed and is owned by Ridgewood Green RME, LLC, which operates it under a power purchase agreement. Currently the Village pays 12 cents per Kwh with a 3 percent annual cost of living increase. The contract is for 20 years with two additional five-year extensions potentially bringing the contract duration to 30 years.

As a public outreach program the Village has a flatscreen mounted on the first floor in the lobby of the municipal building that is clearly visible to all residents and visitors to Village Hall. The screen displays statics on how much power the system is generating in real time, and the engineering department is available and willing to answer any resident questions about the Village's PV solar system.

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