



PROJECT CASE STUDY

RICOH

“Concern for the environment is in Ricoh’s DNA ... It’s what drove us to undertake this solar array project [and] it’s what drives our emissions reductions as a global company.”

DONNA VENABLE
EXECUTIVE VICE PRESIDENT OF HUMAN RESOURCES
RICOH USA

Project Summary

LOCATION:
West Caldwell, NJ

INSTALLATION TYPE:
Ground Mount Solar PV

SYSTEM SIZE:
607 kW DC

SYSTEM PRODUCTION:
755 MWh annually

SOLAR INCENTIVE:
NJ SREC Program

Top Manufacturer of Imaging Electronics and Printing Equipment Goes Solar in NJ

Ricoh Goes Solar

As the North and South American arm of the Ricoh Company, Ricoh USA is a technology company that specializes in imaging electronics and printing equipment. Ricoh places a strong emphasis on sustainability, joining with other influential companies in committing to use 100% renewable energy by 2050 as part of the RE100 initiative. To help meet that commitment, Ricoh partnered with EnterSolar to install a ground mount solar photovoltaic system at their facility in West Caldwell, NJ.

Solar Photovoltaic System Specifications & Environmental Benefits

Ricoh’s solar photovoltaic system is made up of 1,870 325W photovoltaic panels and has a total capacity of 607 kW DC. The ground mount system is adjacent to the facility’s parking lot and covers the area of approximately 1.3 football fields. It offsets over 50% of their annual onsite electrical consumption.

The environmental benefits of the system are equivalent to taking 112 cars off the roads or saving nearly 60,000 gallons of gasoline a year. Ricoh’s use of solar power will result in the avoidance of 532 metric tons of carbon dioxide.

Significant Financial Returns through Solar

Ricoh entered a premium long-term fixed-price SREC contract to drive compelling project returns while mitigating SREC price volatility. The SREC contract guarantees that Ricoh will receive revenue for every MWh of solar energy generated. EnterSolar’s expertise in optimizing system design and solar project financing made going solar a sound capital investment for Ricoh.

EnterSolar is a leading provider of solar photovoltaic solutions to the commercial marketplace. Unique in its combination of business operations and solar expertise, the Company works with commercial enterprises to deliver optimal solar energy alternatives with compelling, long-term ROI. Expert in the dynamic legislative environment, EnterSolar provides clients with real-time guidance in order to best leverage financial incentives at the regional and state levels. In 2017, Solar Power World ranked EnterSolar the leading (#1) solar developer in New York State and in the top 10 nationally.