

NYCEEC DEAL SPOTLIGHT

Integrated Community Solar, Storage, and EV Charging in Westchester County

SUCCESS BY THE NUMBERS

95 kW
ROOFTOP
SOLAR SYSTEM

180 kWh
BATTERY
STORAGE

2
FAST
CHARGERS



THE PROJECT

NYCEEC provided \$300,000 in financing to support the installation of a 95 kW rooftop solar photovoltaic installation, a 180 kWh lithium-ion battery storage system and 2 DC fast charge Level 3 units in Westchester County, New York. The solar array will be installed on the building, while the other two components will be installed in the adjacent parking lot. The majority of the solar generation will be available to low- to moderate- income households in Mount Kisco under a community solar structure, while the remainder will supply the battery storage system and support electric vehicle charging. If additional power is needed to support electric vehicle charging, it will be sourced from the grid. NYCEEC collaborated with Sustainable Westchester and eCAMION on the financing of this project.

THE PROJECT NUMBERS

Total Project Cost	\$701,000
Incentives	\$294,480
NYCEEC Loan	\$300,000
Other Sources	\$106,520

THE BUILDING

Building Type
Institutional

Project Scope
1 Building

Location
Mount Kisco, NY

Term
12 Years

Project Type
Electric Vehicle Charging
+ Solar + Storage

NYCEEC Loan Product
PPA Loan

Closing Date
June 2023

THE RESULTS

This project combines solar, storage and DC fast charging technology in a very innovative way, while also serving LMI residents in the Mount Kisco area through community solar. This is a pilot project, which, upon successful completion, is expected to be replicated throughout New York.