

Large Solar Carport

Power Purchase Agreement (PPA)



A well-respected manufacturer continues to demonstrate its commitment to sustainability with one of the largest solar carport installations on the east coast. A 5,280 panel parking lot facility was completed at the company’s Maryland manufacturing facility. The panels were mounted to carport-like frames situated over parking spaces. Under a 20-year power purchase agreement, the solar canopy will produce 1.3 megawatts (MW) of electricity to be delivered directly to the facility to offset the plant’s electrical demand. And the structure provides the additional benefit of protecting employees’ cars from the elements. Energy produced by the zero-emission solar panels is equivalent to eliminating the annual greenhouse emissions of 236 passenger vehicles.



PROJECT DATA

LOCATION

Maryland

CONSTRUCTION DATES

Completed on time

TECHNOLOGY

Canadian Solar CS6P-255

Panels: 5,280

SYSTEM SIZE

1.3 MW (DC)

ENVIRONMENTAL BENEFITS

CO₂ Offsets: 3,334,000 lbs. annually

CO₂ Equivalent: 236 cars removed from the road annually