



Solar photovoltaic panels are installed on the roof of Lakelands Park Middle School.

MCPS SAVES WITH SOLAR

On a hot summer afternoon, solar panels can supply 20–50% of a host school's energy needs. Each year, MCPS saves more than \$300,000 thanks to the solar energy agreements.

Over the past decade, Montgomery County Public Schools (MCPS) has become a leader among Maryland school districts in hosting net-metered solar power purchase agreements (PPA). The Department of Facilities Management has PPA contracts that allow MCPS to host the operation of solar photovoltaic (PV) structures at no cost to the school system. As part of the agreements, a solar developer installs, owns, and maintains the solar array and sells power – at a reduced rate – directly to MCPS. Sites have been selected based on roof age, roof shading, building orientation, and financial considerations.

Currently, MCPS has 17 solar PV locations with a total estimated capacity of 4.1 megawatts (MW) direct current installed.

PV HOST SCHOOLS

- Clarksburg High School (2008)
- Roberto Clemente Middle School (2018)
- College Gardens Elementary School (2008)
- Albert Einstein High School (2018)
- Frances Scott Key Middle School (2009)
- Lakelands Park Middle School (2008)
- Richard Montgomery High School (2008)
- Parkland Middle School (2009)
- Rosa Parks Middle School (2018)
- Quince Orchard High School (2009)
- Redland Middle School (2015)
- Sargent Shriver Elementary School (2009)
- Sherwood High School (2015)
- Sligo Middle School (2015)
- Watkins Mill High School (2015)
- Hallie Wells Middle School (2018)
- Walt Whitman High School (2018)