



# SERT

School Energy and Recycling Team



## MCPS Goes Solar!

**Have you heard that Montgomery County Public Schools (MCPS) is hosting solar photovoltaic systems on school rooftops? Yes, it's true!**

MCPS has eight solar photovoltaic (PV) systems up and running. The Department of Facilities Management negotiated a power purchase agreement (PPA) that allows MCPS to host the operation of solar photovoltaic (PV) systems on select buildings at no cost to the school system. A solar developer installs, owns, and maintains the solar array and sells power at a reduced rate directly to MCPS.

MCPS currently has over 7,200 panels installed and producing energy at Clarksburg High School, College Gardens Elementary School, Francis Scott Key Middle School, Lakelands Park Middle School, Richard Montgomery High School, Parkland Middle School, Quince Orchard High School, and Sargent Shriver Elementary. As a result, MCPS is one of the leading hosts of net-metered, solar power purchase agreements in Maryland with 1,264 kilowatts AC installed.

Sites were selected based on roof dimensions, equipment, and age. Additional schools are under consideration for Solar PV installations to fill the 1.4 megawatts capacity goal.

Our vendor, SunEdison, provides us with facility monitoring services that include an online tool which is internet accessible to staff and students. Visitors to this site can view system performance, historical data, weather data, and environmental benefits. We encourage students and staff to visit the site to see the real-time data and benefits of solar power production. To view energy production data at each school, please click on this link:

### Facility Monitoring Services – Site Data

#### Online tool

- Internet accessible
- Secure username and password
- Accessible for multiple account users

#### Energy production data

- System performance
- Historical data
- Weather data
- Environmental benefits

#### Advanced system data

- Customized analysis
- Aggregated data across facilities



[https://my.sunedison.com/service/html\\_login?userName=mcps.guest&password=\\$olar4Mcps](https://my.sunedison.com/service/html_login?userName=mcps.guest&password=$olar4Mcps)

It is the hope of MCPS to eventually extend this procurement model for solar power to all new schools and modernizations. For existing buildings, the solar PPA model will be integrated into replacement roofing projects where feasible.

For your questions or concerns please call SERT @240314-1090 or e-mail your questions to [SERT@mcpsmd.org](mailto:SERT@mcpsmd.org).

“It’s your world...choose to conserve”