

Office of the Superintendent of Schools
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

June 25, 2026

MEMORANDUM

To: Members of the Board of Education

From: Thomas W. Taylor, Superintendent of Schools

Subject: Contract Approval for Request for Proposal No. 4361.5, Power Purchase Agreement for Electricity from Solar Photovoltaic Systems

☐ Information ☒ Action

Superintendent Recommendation:

The superintendent recommends that the Board of Education approve the execution of a contract through Request for Proposal No. 4361.5, Power Purchase Agreement for Electricity from Solar Photovoltaic Systems, under the Annotated Code of Maryland, Education Article §5-112, and Montgomery County Public Schools Regulation DJA-RA, *Procurement of Equipment, Supplies, and Services*.

Since 2008, as part of our systemwide commitment to sustainability and supporting the district's transition to clean energy sources, Montgomery County Public Schools (MCPS) has awarded Power Purchase Agreements (PPAs) for 24 rooftop photovoltaic (PV) systems and two offsite systems. These systems currently generate approximately 14 megawatts of power.

A basic rooftop solar PV system is a system that the solar developer finances, designs, constructs, owns, operates, and maintains. Under the current Power Purchase Agreements, MCPS agreed to "host" the solar PV system on individual school rooftops for a period of 20 years. MCPS also agreed to purchase the electric output of the solar PV system at a fixed price provided in the PPA. By combining the tax incentives for solar energy, the sale of the Solar Renewal Energy Credits, also known as environmental attributes, the solar developer can offer MCPS electric power at a significantly lower cost than conventional power sources. Because county building construction codes require renewable energy to be installed, the PPA also allows MCPS to own and retire the renewable energy credits for new construction.

The MCPS Division of Facilities Management and the Department of Procurement conducted a new public solicitation process for solar PV PPAs under Request for Proposal 4361.5 that generated interest from the solar industry, resulting in the submission of five proposals. The evaluation committee

unanimously selected Madison Energy Holdings LLC, dba Madison Energy Infrastructure, based on its competitive pricing, demonstrated performance capabilities, and extensive experience in K–12 projects. The scope of this project includes rooftop-mounted solar PV systems at approximately 14 schools. The expanded scope also includes securing offsite solar agreements to provide clean energy for schools where rooftop installations are not feasible, and encompass parking lot canopy installations at Burtonsville Elementary School, which will result in the school being the first MCPS Net Zero Energy school.

The estimated electric generating capacity of the systems proposed at these schools is estimated to be 4.5 MW-AC with an estimated annual production of 6,900 megawatt-hours, at a fixed aggregate price of \$0.1347/kWh, resulting in an average annual cost avoidance estimated at approximately \$390,000 per year, over the life of the contract.

The schools that are candidates to host solar are: Burnt Mills, Burtonsville, JoAnn Leleck at Broad Acres, and Woodlin elementary schools; Argyle, Forest Oak, Kingsview, Neelsville, North Bethesda, John Poole, Odessa Shannon, and Westland middle schools; Poolesville High School; and Thomas S. Wootton High School at Crown Farm.

WHEREAS, The expansion of solar photovoltaic systems hosted by Montgomery County Public Schools and the purchase of the electricity through Power Purchase Agreements furthers the goals of Montgomery County Public Schools commitment to sustainability; and

WHEREAS, Montgomery County Public Schools issued Request for Proposal 4361.5, Power Purchase Agreement for Electricity from Solar Photovoltaic Systems; and

WHEREAS, In accordance with procurement requirements, and after evaluating responses to Request for Proposal No. 4361.4, staff in the Division of Facilities Management and the Department of Procurement recommend the contract be awarded to Madison Energy Holdings LLC, dba Madison Energy Infrastructure, LLC, ; and

WHEREAS, Madison Energy Holdings LLC, dba Madison Energy Infrastructure, LLC, proposed to finance, install, own, and operate solar photovoltaic systems of a rated capacity of approximately 4.5 megawatts alternating current, on the rooftops across 11 to 14 suitable Montgomery County Public Schools facilities; and

WHEREAS, The Power Purchase Agreements with Madison Energy Holdings LLC, dba Madison Energy Infrastructure, LLC, for the rooftop installations will provide the benefits described previously, including purchasing electricity at a significant discount, resulting in approximately \$390,000 per year in cost avoidance; and

WHEREAS, The Power Purchase Agreements will secure a stable source of electricity at a fixed price of \$0.1347/kWh for 20 years; now therefore be it

Resolved, That having been duly advertised, the following contract be awarded to the bidder, meeting specifications as follows:

Division of Facilities Management

RFP Name: Power Purchase Agreement for Electricity from Solar Photovoltaic Systems
4361.5 **Responsible Department:** Department of Planning and Construction

Awardee:

Madison Energy Holdings LLC dba Madison Energy Infrastructure, \$0
LLC

and be it further

Resolved, That the Board of Education authorize the president of the Board of Education and the superintendent of schools to negotiate and execute Power Purchase Agreements with Madison Energy Holdings, LLC, dba Madison Energy Infrastructure, and all other necessary documents to develop and install solar photovoltaic systems, where applicable, at Burnt Mills, Burtonsville, JoAnn Leleck at Broad Acres, and Woodlin elementary schools; Argyle, Forest Oak, Kingsview, Neelsville, North Bethesda, John Poole, Odessa Shannon, and Westland middle schools; Poolesville High School; and Thomas S. Wootton High School at Crown Farm.

TWT:IAW:amd