

CUSTOMER SPOTLIGHT

Schools | Lighting



Tom VanDyke, Supervisor of Facilities for Cecil County Public Schools, coordinated outdoor lighting upgrades at two county high schools.



SAVINGS AT A GLANCE

Cecil County Public Schools used financial incentives to install custom LED stadium lights at two high schools, with plans to install more at other schools in the future.

Program

Delmarva Power Energy Savings for Business

Project Costs

\$123,904 total project cost
- \$30,240 incentive

\$93,664 net project cost

Estimated Annual Savings

224,385 kWh per year
\$31,413 per year

Estimated Payback

2.9 years

Savings Are in Session

At Cecil County Public Schools (CCPS), 2,190 employees serve more than 15,000 students at 29 schools. Faculty and staff abide by a single mission: Ensure all learners acquire the knowledge, skills, and qualities to be responsible, caring, and ethical citizens.

CCPS believes that understanding the value of energy efficiency is an important part of that process, and the best way to educate students on the topic is to lead by example. "Reducing energy consumption benefits our community financially, environmentally, and reduces load from the power grid," said Tom VanDyke, Supervisor of Facilities at CCPS. "We want our students to know that energy efficiency is a win-win."

The Opportunity

Improving energy efficiency is nothing new for CCPS—since 2017, the school system has worked with the Delmarva Power Energy Savings for Business Program to make a variety of upgrades at schools across the county. After a series of conversations with Delmarva Power, CCPS decided on the next project: high-efficiency LED stadium lights at Bohemia Manor and Perryville High Schools.



An Exelon Company



"I look forward to continuing CCPS's relationship with Delmarva Power to complete future energy efficiency projects. The Energy Savings for Business Program makes everything easy, from planning to installation."

– Tom VanDyke
Supervisor of Facilities
Cecil County Public Schools

"These schools' athletic fields are used for a variety of activities, including sporting events, band performances, and community gatherings," said VanDyke. "It's important that we create a safe and productive environment for these activities, and the increased energy savings and reduced maintenance costs are an added bonus."

The Upgrades

CCPS received pre-approval through Delmarva Power's prescriptive program in mid-2019, and installing the 48 new LED fixtures took about four months to complete. VanDyke said the project was a seamless, collaborative process.

"From the administrative side, to the contractor, to the distributor, all the way on down, these upgrades were a team effort," said VanDyke. "But a team can't succeed without good leadership. We were very fortunate to have Delmarva Power leading us every step of the way."

The Benefits

The lighting upgrades have earned rave reviews from a variety of CCPS staff.

"The addition of LED lighting has been a great enhancement to our safety and security program," said John Roush, Director of Student and School Safety at Cecil County Public Schools. "Parking lots are well lit and bright, which really helps students and employees feel more safe when they're leaving or arriving at school while it's dark out."

According to Bohemia Manor Athletic Director Bruce Kline, the upgrades help student-athletes perform at their best. "These lights make it feel like we're playing during the daytime," said Kline. "The field is bright from corner to corner, and the lighting is very even on all parts of the field. The fact that they turn on instantly is very helpful too."

CCPS's relationship with Delmarva Power Energy Savings for Business Program is far from over. The upgrades were so well-received that plans are underway to make similar upgrades at all of the county's athletic fields.

The Delmarva Power Energy Savings for Business Program provides financial incentives and technical assistance to help businesses maximize energy efficiency and reduce energy costs. Financial incentives can cover up to 40%–70% of project costs.

For more information, visit delmarva.com/business or call us at **1-866-353-5799**.