

SUCCESS STORIES

Bethlehem School District turns the corner on bus pollution with a new electric-vehicle pilot program.

- <https://www.lehighvalleylive.com/bethlehem/2024/04/bethlehem-schools-turn-the-corner-on-bus-pollution-with-new-electric-vehicle-pilot-program.html>

Philadelphia, SD, wins \$7.9 million.

- [District Receives \\$7.9M Grant to Double Electric Bus Fleet - The School District of Philadelphia \(philasd.org\)](#)

Ypsilanti (MI) Community Schools will receive up to \$3.9 million to help purchase up to 10 electric school buses.

Dearborn (MI) Public Schools will receive up to \$7.1 million to help purchase up to 18 electric buses.

- [EPA Highlights \\$11 Million for Clean School Buses in Southeast Michigan | US EPA](#)

Steelton-Highspire (Dauphin County, PA) is replacing six of the school district's seven buses with First Student's electric emissions-free buses.

- [First Student Marks Deployment of Six Electric Buses Funded by US EPA](#)

List of PA schools that won funding from the 2022 round:

School District Name	2022 Total Awarded
Southern Tioga Sd	\$30,000.00
Scranton Sd	\$9,875,000.00
Pittsburgh Sd	\$6,460,000.00
Greater Nanticoke Area Sd	\$5,925,000.00
Harrisburg City Sd	\$3,950,000.00
Washington Sd	\$3,160,000.00
Avella Area Sd	\$2,765,000.00

Troy Area Sd	\$2,765,000.00
Steelton-Highspire Sd	\$2,370,000.00
Halifax Area Sd	\$1,975,000.00
Northern Potter Sd	\$790,000.00

- [Clean School Bus Program Awards | US EPA](#)

Two applicants received \$47 million through the competitive grant program. The School District of Philadelphia will receive \$7.9 million to purchase 20 school buses. First, Student Inc. will receive \$39.5 million to purchase 100 clean school buses for four other districts: the Pittsburgh School District in Allegheny County, the Laurel Highlands School District in Fayette County, the New Castle Area School District in Lawrence County, and the William Penn School District in Delaware County.

- [Five PA school districts to get 120 clean energy buses via Biden's infrastructure law - The Keystone Newsroom](#)

Unionville-Chadds Ford School District purchases two electric school buses.

- <https://www.chescoplanning.org/News/Sustainability/24-Winter/evBus.cfm>

INFRASTRUCTURE ENERGY EFFICIENCY

William Penn SD won \$7.2 million for a heat pump heating/cooling system, LED lighting, a Building Automation System, and roof solar panels.

- <https://williampennsd.org/william-penn-school-district-awarded-a-7-2m-grant-from-the-u-s-department-of-energy-2/>

Owen J. Roberts School District installed solar arrays totaling over 500 kW of capacity in its [Middle](#) and [High](#) Schools 2012. The arrays have produced nearly 6 GWh of electricity, saved the District about \$30,000/year in annual energy costs, and returned over \$15,000 annually in the form of Solar Renewable Energy Credits (SRECs).

Philadelphia high school students are trained to become solar installers. The program introduced students to all aspects of work in the solar industry: sales, design, and the technical components of installation.

- <https://generation180.org/blog/philadelphia-students-prepare-for-their-bright-solar-futures/>

SCHOOL SUCCESS STORIES in GREATER PHILADELPHIA AREA

Students from eight area schools listened as their peers shared presentations, spoken word, and projects about the climate in Greater Philadelphia and beyond.

<https://why.org/articles/my-climate-story-philadelphia-students/>

William Penn Charter School's Strategic Vision articulated a "green" strategy for the school — and that initiative is well underway. These pages prove some of the exciting work in classrooms and clubs.

<https://www.penncharter.com/living-our-mission/sustainability-at-pc/~board/campaign-stories/post/curiosity-passion-accomplishment>

The Philadelphia School District is undertaking one of the biggest school greening efforts in the nation, and it goes well beyond playgrounds. Under a program called Green Futures (<https://www.philasd.org/greenfutures/>), Philadelphia is currently installing green schoolyards at 13 of the city's 218 public schools, to install five per year, among 65 discreet actions ultimately the district plans to take. The district won a 2017 U.S. Department of Education Green Ribbon (<https://www2.ed.gov/programs/green-ribbon-schools/index.html>), an environmental award, for its Green Futures plan.

<https://thephiladelphiacitizen.org/the-future-of-schools-is-green/>

Great Pennsylvania Schools: Success Stories

<https://greatpaschools.com/success-stories/>

· **Warrior Run School District** Food Service Director Jonathan Hall is combining his passion for food service and horticulture and finding ways to integrate student learning with the food they consume. A greenhouse structure will be constructed at the school, including a lettuce and tomato hydroponic system. Food grown will be used in food production at the school, and anything left over will go to the community and food banks. <https://greatpaschools.com/school-entity/warrior-run-school-district/>

· **Octorara Junior-Senior High School** uses solar energy to run its Ecology Lab. The main focus of the Solar Project is to teach students to be ambassadors of environmental change and to support their environment.

<https://greatpaschools.com/story/octorara-benefits-from-solar-technology-partnership/>

U.S. Department of Education Green Ribbon Schools: Highlights from the First-Ever Honorees 2012

https://www.nysed.gov/sites/default/files/programs/facilities-planning/grs_highlights_2012.pdf

- **Radnor Middle School**, Wayne, PA: The only LEED Silver certified school in the Delaware Valley with a green roof, Radnor stands out as a leader in sustainability. Through green features, a focus on water use, and recycling, Radnor has significantly reduced energy use and waste production. The school district supports environmental efforts through participation in a recycling program and transportation run on biodiesel.
- **Thaddeus Stevens Elementary School**, Chambersburg, PA: Through conservation, Thaddeus Stevens has kept the equivalent of 404 tons of carbon dioxide from entering the atmosphere and earned ENERGY STAR certification three years in a row. As a result of their strong efforts and willingness to accept environmental recommendations, the school has saved over \$78,400 in 53 months (about four and a half years).
- **A.W. Beattie Career Center**, Allison Park, PA: is Pennsylvania's first LEED Gold certified career and technology center. The A.W. Beattie Career Center reduced energy usage by 7.6 percent, water consumption by 11.1 percent, and solid waste by 21 percent, even as it increased the size of its facilities. Additionally, 87 percent of the 43-acre campus is designated as open space and includes a stormwater control system. As a career center offering 16 career fields, the school continually updates its curriculum to provide students with skills applicable to the green economy.
- **Springside Chestnut Hill Academy**, Philadelphia, PA: The school has constructed one of the most significant solar projects in the region. Students can participate based on grade level in one of three eco-clubs, all geared toward shaping an awareness of health, community, and the environment. Students have planted hundreds of native species on the expansive campus, with three stormwater recharge beds to capture runoff from roofs and pavement.