

COMMUNITY COLLEGE OF ALLEGHENY COUNTY

# LOWERING ELECTRICITY COSTS BY NEARLY 20% AT CCAC WITH SOLAR

# BAI GROUP

## REDUCING COSTS TO PROVIDE AFFORDABLE EDUCATION

Located in Allegheny County, Pennsylvania, the Community College of Allegheny County (CCAC) serves nearly one out of every three adults in greater metropolitan Pittsburgh.

With a mission to provide all community members with affordable access to high-quality educational opportunities, administrators at CCAC are committed to reducing the college's carbon footprint and its energy costs.

Consequently, CCAC's Director of Energy & Sustainability looked into ways of lowering electricity costs at the college's North Campus in McCandless, Penn.

## CHOOSING A PPA THAT LOWERS ENERGY COSTS

After carefully reviewing three proposals for a purchase power agreement (PPA), CCAC chose BAI Group, LLC because its proposal met CCAC's stringent terms.

BAI's plans for the North Campus solar installation, CCAC's third and largest, will feature a 543 kilowatt (kW) photovoltaic array utilizing state-of-the-art equipment. The installation is expected to produce sufficient electricity to provide 40 percent of the campus' electricity needs, while reducing its electricity costs by nearly 20 percent.

The team from BAI will lead the construction phase, scheduled to start in August 2021, as well as the operations phase, which is slated to commence in November 2021.

## RESULTS



Solar array size  
543 kW



Project approach  
28-year power purchase agreement



Lifetime solar production  
18,264 MWh

## SAVINGS



Projected savings over 28 years  
\$761,000



Estimated 20% reduction  
in annual electricity costs