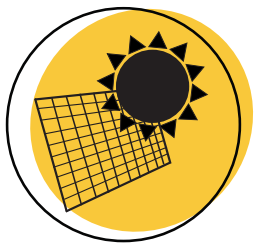


# ALBEMARLE COUNTY, VA PUBLIC SCHOOLS

Albemarle County Public Schools (ACPS) became the **first public school district in Virginia to use solar energy through a Power Purchase Agreement**, for rooftop solar at six schools with no capital cost or maintenance cost to ACPS. The 1.1 MW solar array system uses over 3,000 panels to supply 22% of the six schools' annual electricity requirements.

Secure Futures owns and operates the project, and sells the electricity to ACPS. The project will save ACPS \$80,000 during the 20-year life of the service agreement.



1.1  
MW

PROJECT  
SIZE



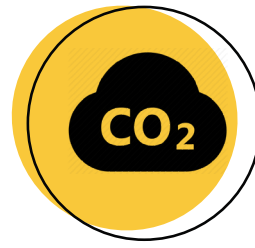
0  
dollars

CUSTOMER  
CAPITAL  
INVESTMENT



1,320  
MWh

ESTIMATED  
ANNUAL  
ELECTRICITY  
PRODUCTION



806  
tons

ESTIMATED  
ANNUAL CARBON  
OFFSET



6  
schools

NUMBER  
OF  
SCHOOLS

## DRIVERS

**Student Engagement:** In early 2013, a student-led organization led a campaign to support solar on the schools.

**Board Engagement:** Building on student interest, the school board approved issuing a solar Request for Proposals for a solar Power Purchase Agreement (PPA) in 2014.

**Community Engagement:** Students, teachers and community members testified in support of a solar in the schools.

## SOLUTIONS

**Solar PPA:** The school district unanimously approved a 20-year solar PPA with Secure Futures (SF) on April 2, 2015.

**NEED Training:** SF partnered with the National Energy Education Development (NEED) project to bring solar technology from the rooftop to the classroom.

**Energy Monitoring:** SF installed monitoring that students and administrators can access on the Internet.

## RESULTS

**Date Placed in Service:**  
September 15, 2016

**Creating U.S. Jobs:** Solar panels from SolarWorld USA

**1st Year kWh Production:**  
112.9% over projected

**NEED Solar Teacher Training Workshop on 2/27/17:**  
1/2 day workshop for 30 teachers representing six PK-12 schools

**# of Students Benefiting:**  
13,910 enrolled in ACPS



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