



Project Highlight

Brophy College Preparatory School, AZ

AMERESCO 

Solar Project Delivers Cost Savings and CO₂ Reduction with Focus on Renewable Energy Education

Technology Type:

Solar PV Roofmount and Carport Systems

Rooftop Solar Capacity

488.43 kW

Carport Solar

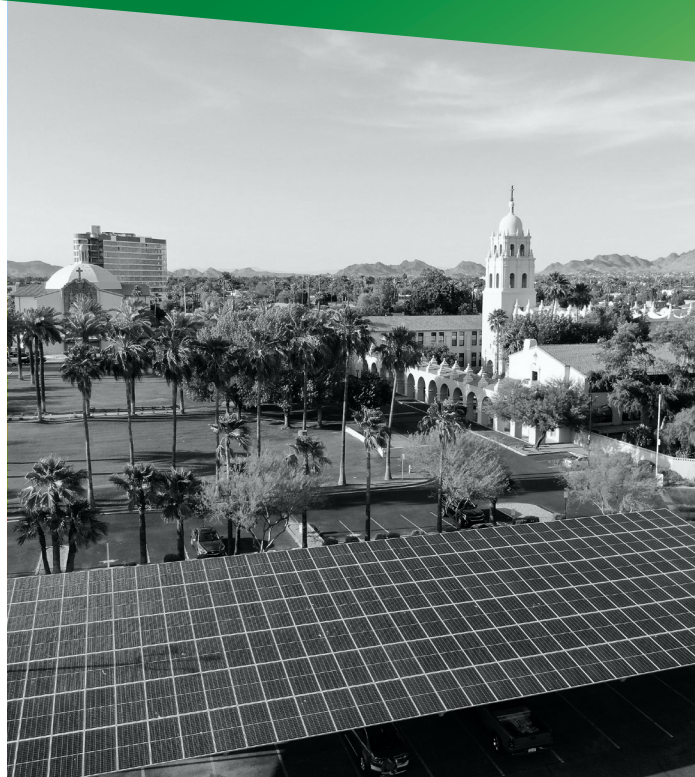
422.82 kW

Annual Electricity Consumption Reduction

48%

Project Contract Term

25 years



Summary

Brophy College Preparatory School, a private Jesuit school located in Phoenix, AZ, partnered with Ameresco to develop and install a comprehensive solar project to increase sustainability and generate energy cost savings. To support Brophy's Student Climate Coalition, the project scope also included an educational component with three classes prepared and taught by Ameresco on the development, implementation and post-construction aftercare process for the solar arrays.



Solution

By utilizing a solar services agreement, Ameresco led the development and installation of various solar arrays throughout the school's campus to deliver clean energy and generate economic returns. In addition, Ameresco developed and taught solar energy education classes as outlined in Brophy's Student Climate Coalition, a primary driver of the solar project.

- 488.43kW of rooftop solar systems
- 422.82kW of carport solar systems across 118 parking spaces



I am grateful for Ameresco's partnership and willingness to work closely with us, not just to complete the project, but to educate our community on the process and results.

*Adria Renke
President, Brophy College Preparatory School*



Benefits

In addition to providing 911.25 kW DC of power for the school, the solar installations will offset approximately 48% of Brophy's annual electricity consumption providing significant cost savings. The project also advanced the goals of the Student Climate Coalition, a group of students dedicated to achieve broader sustainability benefits, increase economic returns for the school, and enhance social equity for the school as a whole.

- Increased sustainability for the campus
- Enhanced environment for Brophy's students and faculty
- Solar energy education to support the school's renewable energy curriculum
- Reduces school's carbon footprint

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

