

COMMERCIAL SOLAR ELECTRIC: SOKA UNIVERSITY OF AMERICA



SOKA University of America is private university located in Aliso Viejo in the southern part of Orange County. In 2011, they completed construction of their beautiful, new Performing Arts Center.

The state of the art facility was built to high LEED standards and is widely considered a model of sustainable architecture. Solar energy represented another way that the university could add to their commitment to sustainability.

THE ENERGY PROBLEM

In order to make the Performing Arts Center even more environmentally friendly, the university hired AMECO Solar to install two solar electric systems.

Additionally, it was anticipated that the center would require a large amount of electricity. The solar panels would not only provide clean, renewable energy but would also reduce electricity costs.

THE SOLAR SOLUTION

Two solar systems were installed on the Performance Arts Center. One installation features SunPower solar panels that were installed on the roof. The other installation consists of 77 Suntech Power solar panels that also serve as sunshades around the exterior of the building.

Together they provide 15% of the energy needed to power the building. You may view the solar statistics of the center by visiting to the following link: <http://bit.ly/1mRT4R0>.

INSTALLATION OVERVIEW

Location: Aliso Viejo, CA

Size: 81.7 kilowatts

Panel: SunPower

of Panels: 268

Size: 20.0 kilowatts

Panel: Suntech Power

of Panels: 77