

Orange Unified School District is going green!



OUSD is taking another significant step towards a greener future by leading the way in environmental and fiscal governance

In February 2019, Orange Unified School District (OUSD) selected Ameresco, Inc. through a competitive process to underwrite, design and build solar photovoltaic (PV) energy generation systems at eight district sites utilizing a Power Purchase Agreement (PPA). The PV systems are designed to produce over 88% of the total annual electrical requirements for the following sites at a below market, fixed rate for 25 years, providing OUSD a hedge against future electrical rate escalations.

What is a solar Power Purchase Agreement (PPA)?

A solar PPA is a financial agreement where a developer arranges for the design, permitting, financing and installation of a solar energy system on a customer's property at no cost. The developer sells the power generated to the host customer at a fixed rate that is typically lower than the local utility's retail rate. This lower electricity price serves to offset the customer's purchase of electricity from the grid while the developer receives the incomes from these sales of electricity as well as any tax credits. PPAs typically range from 10 to 25 years and the developer remains responsible for the operation and maintenance of the system for the duration of the agreement. At the end of the PPA contract term, a customer may be able to extend the PPA, have the developer remove the system or choose to buy the solar energy system from the developer.



**Canyon Rim
Elementary School**



**El Modena
High School**



M&O Facilities



**McPherson
Magnet School**



**Orange
High School**



**Portola
Middle School**



**Santiago Charter
Middle School**



**Yorba
Middle School**



2019 Construction Timeline

Canyon Rim ES, M&O Facilities, McPherson Magnet, Portola MS & Yorba MS

6/14/19 – 8/9/19

El Modena HS, Orange HS & Santiago CMS

6/15/19 – 8/23/19



Environmental - Economic - Educational Benefits



Environmental

Solar energy systems do not produce air/water pollution or greenhouse gas emissions. Using **solar energy** has a **positive, direct and indirect effect on the environment** when solar energy **replaces or reduces the use of fossil fuels** that have larger, negative impacts on the environment.

Total kWh savings equivalent to reducing CO2 emissions generated by 507 homes annually



Economic

The partnership between OUSD and Ameresco, Inc. supports a commitment to fiscal stewardship.

PPA fixed, below market rate, 25-year term

**Cumulative Savings:
In Excess of \$8 Million**



Educational

Studies featured by the California Department of Education show that:

- Students in good environmental conditions score up to **17% higher than in substandard environments**
- Schools with better building conditions have up to a **14% lower suspension rate**

ABOUT AMERESCO

Founded in 2000, Ameresco, Inc. (NYSE:AMRC) is a leading independent provider of comprehensive services, energy efficiency, infrastructure upgrades, asset sustainability and renewable energy solutions for businesses and organizations throughout North America and Europe. Ameresco's sustainability services include upgrades to a facility's energy infrastructure and the development, construction and operation of renewable energy plants. Ameresco has successfully completed energy saving, environmentally responsible projects with Federal, state and local governments, healthcare and educational institutions, housing authorities, and commercial and industrial customers. With its corporate headquarters in Framingham, MA, Ameresco has more than 1,000 employees providing local expertise in the United States, Canada, and the United Kingdom.

For more information call **1-866-AMERESCO** or visit **ameresco.com**.