

Atrisco Heritage Academy Fact Sheet



Address: 10800 Dennis Chavez Boulevard SW, Albuquerque, NM 87121

Location Number: 576

Year Opened: 2008

Grade Levels: 9-12

Project Description: Replacement of the grass soccer field with artificial turf to conserve water and reduce maintenance costs.

Project Status: Complete

Project Budget: \$745,000

Completion Date: Summer 2018

General Contractor: Westwind Landscape Construction Inc. and ALTOR Construction

Atrisco Heritage Academy High School Electric Solar Panel Generation & Storage Project



Address: 10800 Dennis Chavez Boulevard SW, Albuquerque, NM 87121

Location Number: 576

Year Opened: 2008

Grade Levels: 9-12

Project Description: The Atrisco Heritage Academy High School photo-voltaic and battery storage project is the largest public school clean energy single project in NM and represents the latest step in the district's ultimate goal of safe energy-efficient facilities that will conserve taxpayer resources as well as our region's natural environment. This is a joint initiative of Albuquerque Public Schools, Sandia National Laboratories, the U.S. Department of Energy, the New Mexico Energy, Minerals, and Natural Resources Department, the Clean Energy States Alliance, and OE Solar, a local solar power design and construction company.

Project Scope:

- 2,208 roof-mounted electricity-producing solar panels generating 850 Kilo-Watts of electric power
- Tesla Mega-pack 2-energy storage system that has an electricity storing capacity of 2884 kWh
- Annual electricity production/storage of 1.3 Giga-Watts for Atrisco Heritage Academy High School
- An estimated savings of \$3.5 million over 25 years on the school's electricity bill
- Preliminary design includes the capability of future disconnection from the power grid, making the school a power shelter/resiliency hub and future use of the school as a regional neighborhood power shelter

Project Background:

- Atrisco Heritage Academy High School is a 505,880 square-foot complex on 65 acres. It is the state's largest high school, serving 2,200 students. It is also the district's newest high school, built in 2012.
- APS schools and office buildings total more than 15 million square feet spread over 1,230 square miles.
- APS has an electric utility bill of over \$50,000 every day.
- Given its massive utility footprint, APS has institutionalized energy savings and efficiency as part of its building and operational standards over the past decade. All new and renovated facilities have solar arrays installed, and all new construction is designed to meet LEED energy-efficient standards.
- OE Solar, a locally founded solar EPC, designed and installed the system, and with a \$3.2 million overall budget with cost sharing from the U.S. Department of Energy, Office of Electricity (DOE-OE), and New Mexico's Energy Minerals and Natural Resource Department (EMNRD)

Project Budget: \$ 3.2 Million

Project Status: Complete

Project Completion Date: August 2022