



Cartwright School District

Phoenix, AZ



CARTWRIGHT SCHOOL DISTRICT NO. 83
DISTRICT OFFICE

PROJECT SAVINGS

29,095,098



Miles driven by an average passenger vehicle

492,592



Trash bags of waste recycled instead of landfilled

14,184



Acres of US forest in one year

DECARBONIZATION



PROJECT OVERVIEW

The unexpected, and rising, expenses caused by the pandemic presented pressing challenges for educational leadership, including how to address environmental concerns without straining an already tight budget. Veregy's Guaranteed Energy Performance Contracting model provided Cartwright Elementary School District a solution that generates guaranteed energy savings to offset the cost of facility upgrades. In true Covid-era fashion, the \$40 million deal was conducted 99% virtually.

The improvements for CESD include adjustable retrofitted LED lighting to enhance learning environments, water efficiency improvements that reduce consumption, and HVAC upgrades. Along with those upgrades include state of the art building controls and integrated systems and Solar Photovoltaics that will offset up to 63% of their energy consumption. This all-encompassing facility upgrade project covers 2,160,196 sq. ft. throughout the district's 28 sites.

A key point of concern for CESD was the building control systems and how they contribute to healthy environments. Veregy's industry leading controls platform not only allows facility managers to adjust energy and diagnose problems remotely, it ties the many building improvements into one integrated system.

PROJECT HIGHLIGHTS

- High Efficiency HVAC Units
- Energy Management System
- Lighting Retrofit
- Bipolar Ionization
- Solar Installation

“Our governing board is genuinely thrilled and excited to work with Veregy to provide much-needed energy efficiencies throughout the district, especially bringing solar panels to all our schools. The sustainability of this project will linger past generations of Cartwright students and families.

We are grateful our staff brought this project to our attention.”

– Dr. LeeAnn Aguilar-Lawlor, Superintendent



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