

CASE STUDY

Solar Superstructures

Vail School District in Vail, Arizona partnered with SOLON Corporation to construct a total of 4 MWs of solar at 11 school campuses, nine of which include at least one solar superstructure.

The combined systems are expected to save the District at least \$11 Million and will generate over 146 million kWh of electricity over 25 years. This is enough to power 17,506 homes for one year, and by going solar the District helps save 74 million gallons of water.

While solar parking canopies were installed at several campuses, Vail School District chose to construct solar superstructures at nine of their locations, creating a total of 126,770 sq. ft. of multipurpose usage areas with tremendous value under the hot Arizona sun. Energy efficient LED lighting was installed to increase nighttime visibility for activities.

With average clearance heights of 22 feet, solar superstructures are well suited for basketball courts, recreation areas, work areas, large equipment areas, and many other areas that would benefit from shade.

Find Out How Much You Can Save

Contact us at info@solonamerica.com for a Free Solar Savings Analysis.



All data from U.S. Energy Information Administration and SOLON Corporation.

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