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Arizona State University operates 25 megawatts (MW) of solar energy, which is enough renewable energy to power more than 6000 Arizona homes for one year. ASU has 81 systems on four teaching campuses and the ASU Research Park, making ASU's system one of the largest distributed solar energy systems of any college or university.

Solar value

Local solar value



The speed of pay back depends on the local solar value.

Solar extends the use of campus spaces



The PowerParasol at the Memorial Union-Hayden Library Mall shades students in the day and comes alive at night.

Campus Metabolism includes energy data for solar power installations



The Campus Metabolism website allows users to view energy data not only in kilowatt hours and BTUs, but in other easily understood measures, such as how many CFLs that energy could light up or the number of gallons of gasoline that would have to be burned to generate it. In addition, users can easily compare buildings against one another or, against historical data – for last week, last month, or last year.

Solar improves price stability

Price Stability Natural Gas



Solar power purchase agreements (PPAs) with fixed price escalators provide price certainty. A one percent energy price escalator (many of our agreements stipulate 1% annual price increases) would have resulted in lower cost increases from 1982 through 2012 than the rate that natural gas rose at commercial prices.



Apache Blvd Parking Structure

Wells Fargo Arena

La

Lattie F. Coor Hall

SunPower Solar Farm Sta

Stadium Drive Parking Structure

Solar Tulip

Tempe Sun Devil Fitness Complex

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