



TECHFLASH

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BY THE NUMBERS

PowerParasol provides more than solar to ASU, Fry's

Handler-based Strategic Solar Energy LLC developed patent-pending PowerParasol solar structures at Arizona State University's Tempe campus and a Phoenix Fry's Food and Drug store to not only collect power from the sun, but create shade and an inviting environment.

"Energy is never the No. 1 reason why we install PowerParasols," said Strategic Solar president Bob Boscamp. "The No. 1 reason is for the customer experience." Here's a look at some of their projects:

7,584

Solar panels covering Lot 59, a parking facility at ASU's main campus

852

Parking spots covered at Lot 59

\$11 million

Cost of Lot 59 project with ASU and NRG Solar

1,936

Solar panels covering the Fry's parking lot at 27th Avenue and Bell Road

175

Parking spots covered at Fry's

\$4 million

Cost of Fry's project with Arizona Public Service Co.

1,896

Solar panels covering ASU's Memorial Union mall

32

Feet above ground (panels at ASU Memorial Union mall)

1,716

Solar panels covering the area near ASU's Grady Gammage Memorial Auditorium

\$5 million

Cost total for both Memorial Union and Gammage Auditorium projects through APS

76,611

ASU students

78,100

Solar panels on ASU facilities

25

Total megawatts of solar power at ASU's four campuses

Read more online:
bit.ly/1i2mHNS



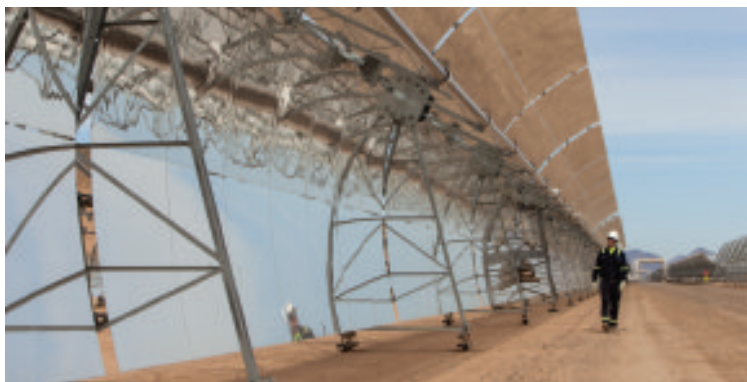
PHOTOS PROVIDED BY STRATEGIC SOLAR ENERGY

The first PowerParasol installed at Arizona State University covers Lot 59.



The newest PowerParasol covers the mall at ASU's Memorial Union.

► INNOVATION



JIM POULIN | PHOENIX BUSINESS JOURNAL

The Solana Generating Station west of Gila Bend is the world's largest parabolic-trough concentrated solar plant.

APS AMONG NATION'S TOP FIVE SOLAR UTILITIES

Arizona Public Service Co. placed among the top five utilities in four ranking categories released by the Solar Electric Power Association on April 29.

The highest rankings in APS' history is attributed in large part to the 280-megawatt Solana Generating Station west of Gila Bend, which produces enough solar electricity to power 70,000 Arizona homes. It's also the world's largest parabolic trough concentrating solar power plant.

APS' top five rankings include:

- **Third place for new solar installed in 2013** (410 megawatts)
- **Fourth place for new solar installed in 2013 per customer** (368 watts per customer)
- **Fourth place for overall solar capacity** (740 megawatts)
- **Fifth place for overall solar capacity per customer** (654 watts per customer)

"Solana is a game-changer for our solar portfolio," said Tammy McLeod, APS' vice president of resource management. "Having the ability to store the power of the sun and use it when our customers need it most - in the evening after sunset - is incredibly valuable. It provides flexibility we don't typically see with solar energy."

Read more online: bit.ly/1gy9hDW