

Media FACT SHEET



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March 5, 2007

Prescott Airport Solar Power Plant

Location – Next to the Prescott Municipal Airport (Ernest A. Love Field), 96 miles NW of Phoenix

Total Generation – 3.5 megawatts (MW)

Construction – Began in 2002, final installation December 2006

Owned and Operated – Arizona Public Service

Milestones – Second largest solar project in the United States



Three different solar photovoltaic power systems are used at the site

Dual-axis high concentration



The concentration photovoltaic systems use plastic lenses to concentrate sunlight on to solar cells, making them 250 times more efficient than regular photovoltaic systems.

- Five on site
- Each with 33.60 kilowatts of capacity

To follow the sun, they can rotate and tilt in any direction.

Horizontal single axis tracking



These standard photovoltaic panels follow the sun across the sky.

- 20 on site
- Each with a capacity ranging from 102.85 to 162.44 kWh

Tilted single axis tracking



These photovoltaic panels are titled at an angle that maximizes their latitude location.

- 16 on site
- Each with a capacity of 24.28 kWh

Just like a standard horizontal single axis, they follow the sun across the sky.

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APS, Arizona's largest and longest-serving electricity utility, serves more than 1 million customers in 11 of the state's 15 counties. With headquarters in Phoenix, APS is the largest subsidiary of Pinnacle West Capital Corp. (NYSE: PNW)