

Media FACT SHEET



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APS Solar Test and Research (STAR) Center

The APS STAR Center is both a laboratory and power plant. It is where Arizona Public Service works with manufacturers, universities and government labs in finding technological advancements in converting solar energy into electricity. While it is doing so, it provides electricity to the local neighborhood.

Location – In Tempe, Arizona, near Arizona State University

Total Generation – While mainly a research center, it does send approximately 500 kilowatts of electricity to the power grid. The energy from this testing facility is enjoyed by about 125 Arizona homes.

Construction – Founded in 1985 and is constantly changing.

Owned and Operated – Arizona Public Service Company is the sole owner and operator of the site.



Milestones – It is a world-renown proving ground for cutting edge renewable, solar technologies.

Details

The 33-acre park is one of the most advanced solar testing sites in the world, with virtually all types of photovoltaic technology and high concentration tracking systems. Among the many projects, the site includes various single axis tracking photovoltaic (PV) systems; high concentration PV solar systems and a tilted tracker PV solar plant.

The STAR center is also a resource for the community. Along with regularly scheduled public tours, the facility hosts an annual open house, which takes place each spring.

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APS, Arizona's largest and longest-serving electricity utility, serves about 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)