

Media FACT SHEET



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Salton Sea Geothermal Power Plant

Location – Calipatria, California, which is in Southern California’s Imperial Valley

Total Generation – The Salton Sea plant is one of 10 generating plants in the Salton Sea Known Geothermal Resource Area (SSKGRA), which produces about 340 megawatts (MW)

Construction – Built in 2000

Owned and Operated – The power plant is owned and operated by CalEnergy Generation LLC, a limited liability company partly-owned by MidAmerican Energy Holdings Company. APS, through a purchase power agreement, receives 10 MW, enough to serve about 2,500 homes.



Details

The Salton Sea Geothermal Power Plant captures superheated, highly pressurized water from reservoirs located thousands of feet beneath the Earth’s surface. When the hot water is quickly de-pressurized at the same hot temperature, it “flashes” into steam. It is this steam that is used to drive a turbine. After being cooled, the steam is transformed back into liquid form (water), at which time it is reinserted into the earth.

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)