

# 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.

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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)