

Henrietta Solar Project

Location

Kings County, California

Fuel Resource

Photovoltaic Solar

Capacity

102 MW

OwnershipSouthern Power
Capital Dynamics

Southern Power and Capital Dynamics own the 102-megawatt (MW) Henrietta Solar Project. SunPower developed, designed and constructed the facility and oversees operations and maintenance. Construction began in May 2015, and the project became fully operational in the third quarter of 2016.

Pacific Gas and Electric Company purchases the electricity and associated renewable energy credits (RECs) generated by the facility under a 20-year power purchase agreement and has the option to keep or sell the RECs.

Size

The project is located on approximately 670 acres in Kings County, California.

Technology

SunPower constructed a SunPower® Oasis® Power Plant system, a fully-integrated, modular solar power block that is engineered to rapidly and cost-effectively deploy utility-scale solar projects while optimizing land use. The technology includes robotic solar panel cleaning capability that uses 75 percent less water than traditional cleaning methods and can help improve system performance by up to 15 percent.

The facility is capable of generating enough electricity to help meet the energy needs of approximately 24,000 average U.S. homes.

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