

# Solar Farm Raises Groundwater in AV

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Los Angeles County Waterworks District No. 40, Antelope Valley, recently completed construction of a \$2 million solar power system at its groundwater well facility in Lancaster.

The system's 1,372 photovoltaic panels have the capacity to generate about 760,000 kilowatt hours a year, fueling pumps for the two wells located on site. The 2.5 acre facility located on 5th Street West at Avenue K-8 in Lancaster will draw approximately 1,500 acre feet groundwater a year.

This investment in renewable energy will significantly reduce greenhouse gas emissions at the site, while providing enough water to meet the annual demand for 1,800 homes.

In addition to reduced power costs, the District expects to offset its construction cost with \$650,000 from the California Solar Initiative Program. Project construction was managed by District staff and the County's Internal Services Department, and completed by Chevron Energy Solutions.

