

## Hill Canyon generates its own energy

Wastewater treatment plant now 100 percent self-sufficient

GATHERING POWER—Solar panels at Hill Canyon Wastewater Treatment Plant have helped the facility to generate 100 percent of the electricity it uses. In addition to the solar farm the plant uses a cogeneration facility that creates energy out of methane gas. Courtesy of City of Thousand Oaks The City of Thousand Oaks Hill Canyon Wastewater Treatment Plant is now generating 100 percent of its own electrical energy usage on site.

The plant achieved this 2014 City Council goal through the installation of two renewable energy projects: a large solar farm and a cogeneration facility.

Where's the story? 2 Points Mentioned

The cogeneration facility creates energy out of methane gas, which is used to produce electricity at a less expensive rate than grid-supplied energy.

City staff estimates that these renewable energy projects will save ratepayers about \$300,000 a year.

The plant now has the capability to export renewable energy to other city facilities.

The projects also serve as a model private-public partnership, as each project is privately owned and operated. The cogeneration facility is owned by CHP Clean Energy LLC, which provides electrical energy from methane gas.

Both the solar and cogeneration projects received grant funding from Southern California Edison.

The City of Thousand Oaks Energy Management Plan covers energy conservation, optimization, renewable energy generation and renewable energy procurement.

For more information about the Hill Canyon Treatment Plant, visit [www.toaks.org](http://www.toaks.org).

