



## **Davis Company Helps Power Google**

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Anne Gonzales, Staff writer

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Internet search giant Google Inc. has started using its solar-power system, the largest on any corporate campus nationwide.

Blue Oak Energy of Davis designed the mammoth solar-power system for Google's headquarters in Mountain View.

Pacific Gas & Electric Co. awarded Google \$4.5 million in incentives for putting in the 1.6-megawatt photovoltaic system, one of the largest commercial solar rebates for the utility.

The new system put in at Googleplex uses 9,000 solar modules on eight building rooftops and two covered parking lots, generating enough electricity to power 1,000 homes. It supplies about 30 percent of the company's peak power demands, preventing more than 2.5 million pounds of carbon dioxide from being released into the atmosphere, said Tobin Booth, Blue Oak's president.

PG&E also has teamed up with Google to install "vehicle-to-grid" (V2G) technology at the company's headquarters. The technology, demonstrated at a public dedication Monday, allows sharing of electricity between electric cars and the state's power grid. V2G technology turns each vehicle into potential storage systems, boosting power reliability and the amount of renewable energy available to the grid during peak usage hours.

In October 2006, Google publicly pledged to install solar panels at its headquarters to lower greenhouse gas emissions. Blue Oak worked with Google for a year designing and engineering the project.

The company also has designed solar installations for Whole Foods, Staples, Las Gallinas Valley Water District and the state of California.