

Case Study:

**Chula Vista Police Department**

Chula Vista, CA

*"Chula Vista is a very progressive city requiring sustainable design practices for their projects. This is the type of client that Independent Energy Solutions, Inc. enjoys working with in accomplishing cost-effective, environmentally sound solutions for new projects."*

Troy Strand, President, Independent Energy Solutions, Inc.

**System Specifications**

**System Size**

38.6 kW

**Estimated Yearly Power Production**

55MWh/year (55,000kWh)

**System Configuration**

**Utility Interaction** - Grid Connected

**Solar Modules** - 244 Kyocera KC158G

**Inverters** - SMA SunnyBoy SWR 2500U (208VAC)

**Mount Structure**

The mounting structure is custom built by DPW to IES's design. It is anodised aluminum with adjustable stanchions that are anchored to the concrete deck.

**Financial Incentive**

The project was partially funded by the CPUC Self Gen rebate.

**Unique Feature**

The mounting structure: Due to the large roof crickets that facilitate drainage, IES designed a stanchion that was adjustable.

**Location**

315 4th Ave., Chula Vista, CA

**Date Completed**

December 2003

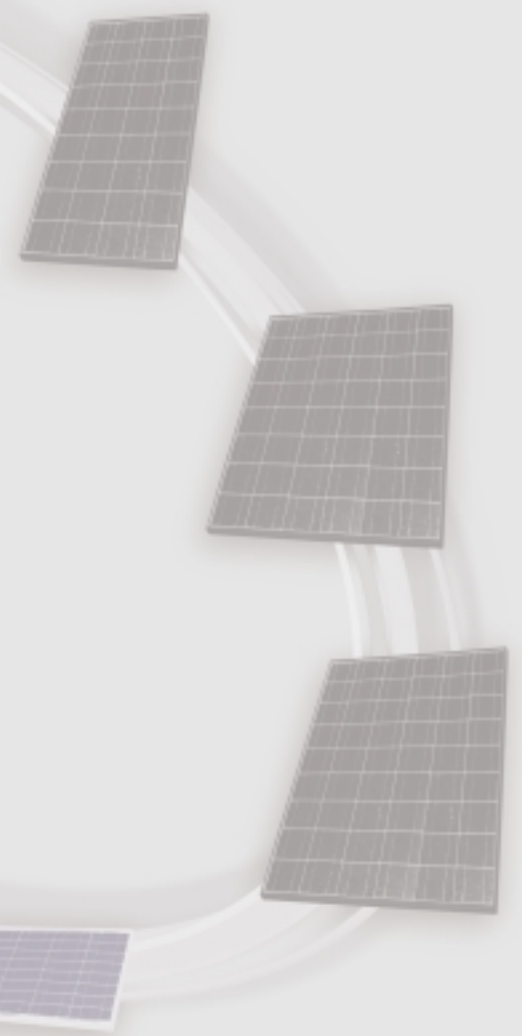
**Installer**

Independent Energy Solutions, Inc.



Chula Vista Police Department

Chula Vista, CA



## About Independent Energy Solutions, Inc.

Independent Energy Solutions, Inc. (IES) is a full-service photovoltaic systems engineering and integration firm serving customers worldwide. IES is dedicated to delivering reliable, cost effective photovoltaic power systems that are technically superior. IES has over 20 years of experience in photovoltaics, including rural development, residential, commercial, telecommunications, lighting and utility scale PV power systems. IES is located in San Marcos, California.

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## About Kyocera Solar

Kyocera Solar, Inc. is a world-leading supplier of environmentally sound, solar electric energy solutions, with headquarters in Scottsdale, AZ and sales affiliates in Brazil and Australia. Kyocera's expertise is based upon designing, manufacturing, and installing the most technologically advanced solar electric power systems available today. With thousands of successful installations worldwide, Kyocera continues to be the leader in the solar electric industry.

The company is a wholly-owned subsidiary of Kyocera International, Inc. of San Diego, the North American headquarters and holding company for Kyoto, Japan-based Kyocera Corporation (NYSE: KYO).

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KYOCERA Solar, Inc.

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