



A Study in Energy Efficiency:

Housing Authority of the County of Santa Barbara, Santa Barbara, CA

# Affordable Housing Goes Green and Gets an Award-Winning Upgrade.

## Customer Profile

The Housing Authority of the County of Santa Barbara (HACSB) is a subdivision of the State of California responsible for providing affordable housing for thousands of low income families in Santa Barbara County.

## The Challenge

HACSB knew it needed to improve its aging infrastructure and satisfy its tenants. So, in 2004 it began to research cost-effective, energy efficient upgrades and initiated a competitive process for an energy performance contract (EPC).



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## The Solution

Constellation was chosen to identify and develop a comprehensive energy strategy. **Phase 1** of the plan modernized over 428 units with high efficiency lighting, windows, furnaces, and water fixtures. And because Phase 1 was so successful, the HACSB implemented **Phase 2** by leveraging the guaranteed savings that extended their 12-year contract to 20 years and included solar and efficiency measures.

### A sample of the initiatives included:

- photovoltaic solar panels mounted on roofs and carports
- water conservation measures
- upgraded water irrigation system
- automatic meter reading system installed

## The Results

Phase 1 of the project was started in September 2004, and finished in October 2005. The complete project (Phase 1 and 2) was finished in 2011.

## Call Us

To discover how we can put our expertise to work for you, call us today at **1.866.237.7693**.

## Highlights

- \$5.2 million capital investment
- **Up to \$502,262 guaranteed annual savings** (Phases 1 and 2)
- **“Most Creative in Going Green”** recognition by HUD Los Angeles
- 20-year contract term

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