

Indian Wells Project

September 22, 2010 LIOB Meeting

Energy Management Assistance Program



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Introduction

Indian Wells Villas
Village Center Dr.
Indian Wells, CA 92210



- A Senior Housing complex consisting of ninety single-story, one-bedroom apartments for low-income seniors.
- A partnership led by SCE in leveraging several funding sources to retrofit the dwellings and common area of Indian Wells Villas.

Background

SCE reaches out to the City of Indian Wells and National CORE.

- Discussions centered on a comprehensive approach to install energy efficient measures throughout the Indian Wells Villa complex.
- Leveraging various funding sources was critical to the City in its effort to maximize limited funding and treat all senior units.



Scope of Work

PGC Funding

- LIEE – Replace HVAC's, Install CFLs, Energy Education
- MASH – Install **photo-voltaic panels** with inverters for both common area and residential units

Indian Wells AARA Funding

- Re-roof complex with Energy Star® Cool Roof-certified **foam roof**
- Replace old toilets with **dual-flush toilets**
- Replace water heaters with **on-demand water heaters**
- Replace single-speed pool pumps with **variable speed pool pumps** for community pools



Strategic Planning/Kick Off

- Briefing to all the contractors on the project scope and installation plan
 - Coordinate all efforts around the installation of the HVAC equipment
 - Schedule “Trial-run” (Installation of all measures in one of the 14 buildings)
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- Group presentations given to residents in the complex’s recreation center
 - In-home visits to complete enrollment were conducted immediately after each meeting
 - 72 of the 90 residents were eligible and enrolled



Trial-Run

Step 1

LIEE HVAC contractor custom molds a base (required with the foam roof) to hold each of the (90) air conditioners. Concurrently, toilets, water heaters, and pool pumps begin to be installed.



Step 2

Roofer removes old roof then LIEE HVAC contractor removes existing evaporative cooler, seals the existing space and schedules **the crane on site for HVAC installations.**

Step 3

Solar installers begin work on installing solar brackets and roofer begins applying foam to roof. Once brackets are secured the **last step is installing the solar panels.**

Project Status

The Project is nearing completion with one building remaining to have **photo-voltaic panels** installed.

City of Indian Wells plans an **open house in October.**



SCE will continue to work with Partnerships to leverage funds and integrate program offerings.