

# Home Energy Systems Designs & Installs Zero Penetration Commercial Solar System

## *Bernardo View Office Buildings Go Solar*

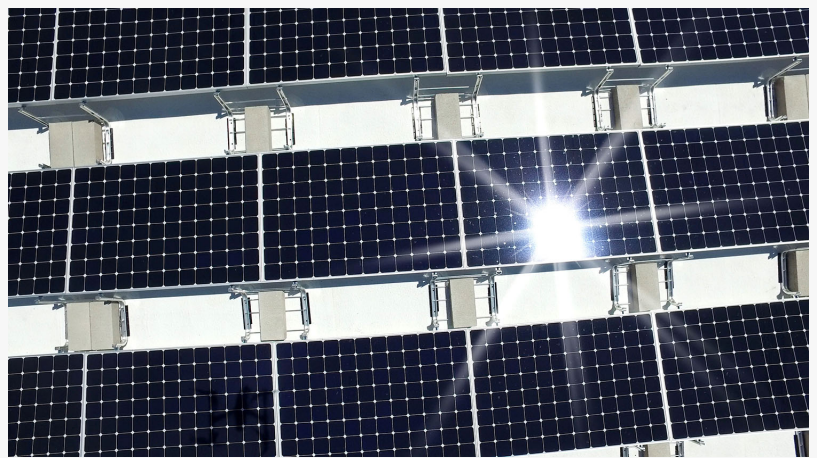
SAN DIEGO, CA, UNITED STATES, October 9, 2015 /EINPresswire.com/ -- Home Energy Systems (H.E.S.), San Diego residential and [commercial solar](#) energy contactors, designs and installs vanguard zero penetration, commercial solar system in Rancho Bernardo. The system was designed for a office property known as Bernardo View, managed by Navarra Properties, Inc.. This project is ground breaking for Home Energy System's design and install team, as well as the San Diego commercial solar industry, as the solar panels and the inverters are adhered to the roofs by a ballasting system specifically designed to stand up to environmental and climate challenges.

"We chose H.E.S. for our solar installation because we found their technical understanding second to none, and their operational flexibility allowed them to work around the schedules of our office tenants- minimizing interruptions, said Mark Navarra, Operations Manager."

The solar power system spans two buildings of the Bernardo View office

complex located at 16880 West Bernardo Drive in Rancho Bernardo. Home Energy Systems custom designed a 320-panel system comprised of SunPower E20 327-COM panels. At the owner's request, none of the solar electric system is visible from ground level. The system converts DC power to AC power by way of the 3 SMA Tri Power 24kW inverters and one SMA Tri Power 20kW.

The roof-mounted inverters were also ballasted and installed with an SMA Ready Rack system. The Unirac Roof Mount racking system used in the Bernardo View project is similar to that used as in the largest rooftop ballasted installation in the United States, the Mandalay Bay in Las Vegas, Nevada and, planned by the same structural engineer, Paul Zacher.



Penetration-less Commercial Solar Installation by Home Energy Systems



Bernardo Views Ballasted Solar System

Home Energy Systems proposed this forward thinking ballasted install because the client wanted to preserve a Elastomeric sealant, a waterproofing membrane, that covers the roofs of the 2 buildings. Home Energy System's unique proposal to implement a zero penetration, ballasted installation helped secure the contract among many other bids. A traditional installation of this scale would result in upwards of 500 holes in the roof. Further, as aesthetics were important to the property owners, H.E.S. ran conduit through interior walls and mounted the inverters on the roofs near the panels for a, literally, seamless, aesthetically vacant, high quality solar



Penetration-less Roof Mounted Solar Design

energy system capable of producing 100% of the energy needed to offset the entire house meter.

About Home Energy Systems (H.E.S. Solar)

Home Energy Systems has been a [San Diego solar](#) energy design and installation company since 2001. H.E.S. provides clean energy through quality solar power systems for homes and businesses with attention to the financial sense it makes for the client. Home Energy Systems prides their business on quality customer service, cutting-edge design, efficiency, and aesthetic value to keep power flowing, electric bills low, and to preserve the original beauty of the property. Helping San Diego monetize the sun since 2001 <http://hessolar.com>  
###

“

“The completely penetration-less roof mounted design of the inverters and solar panels really sets this project apart. The system is aesthetically pleasing and able to offset their meter 100% ”

*Ross Willilams, H.E.S. Vice  
President*

Lenora Lostaunau  
Home Energy Systems  
6192464970  
email us here

---

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2015 IPD Group, Inc. All Right Reserved.