

Energy Efficiency and Natural Gas Utilities

Focus on energy-intensive low income neighborhoods

GREEN HOUSE CALLS – PG&E AND RISING SUN CENTER PARTNERSHIP

Pacific Gas and Electric Company (PG&E) partners with Rising Sun Energy Center, a local non-profit, to save energy in hard-to-reach households while supporting the green workforce. The focus is on communities of low- to moderate-income households, non-English speakers, renters, and seniors. In 2014, with the support of PG&E, Rising Sun served 16 cities, over 4,600 homes, and installed approximately 48,000 energy and water saving measures. These measures provide annual savings of approximately 910,000 kilowatt hours of electricity, 12,500 natural gas Therms, and 3,100 gallons of water per minute of usage.

Rising Sun achieved these savings by employing 143 young adults ages 15 to 22 as California Youth Energy Services (CYES) Energy Specialists or Leaders-in-Field-Training (LIFT) members. These programs provide youth with professional development and intensive training in energy efficiency and water conservation, equipping them with the knowledge and skills to perform Green House Calls. At each Green House Call, provided at no cost to the community members, Energy Specialists assess the home for efficiency, install energy- and water-saving equipment, and provide personalized recommendations for further savings.



A team of CYES Energy Specialists who kicked off a successful first year in Stockton, CA

The CYES Green House Call is an innovative way to provide green training and meaningful employment for local youth, who suffer from greater unemployment than the general populace, while helping residents save money, save water, and reduce their carbon footprint.

Since the launch of CYES in 2000, Rising Sun has employed over 1,100 youth, served over 28,000 homes, and reduced GHG emissions by over 84,000 metric tons. With their expanded services into

Stockton and the Central Valley, PG&E and Rising Sun are looking forward to 2015 and building on the momentum from this year's great success.

Overall, 2014 was a great year, adding considerably to Rising Sun's total impact over the last 20 years:

Over 20 years:



87,900
metric tons of CO2
avoided
over lifetime of
installations



1,760
individuals
trained
and employed



68%
of program
participants live
in poverty or are
low-income

Rising Sun's mission is to empower individuals to achieve environmental and economic sustainability for themselves and their communities. With a focus on under-served populations, Rising Sun provides youth and low-income adults with meaningful training and employment opportunities in the growing energy efficiency sector, while delivering no-cost energy upgrades to thousands of households each year. Cities served by the program include: Antioch, Benicia, Dublin, Fairfield, Fremont, Hayward, Martinez, Novato, Oakland, Emeryville, Pleasanton, Richmond, San Rafael, Stockton, Union City, Vacaville, and Vallejo.

Pacific Gas and Electric Company, incorporated in California in 1905, is one of the largest combination natural gas and electric utilities in the United States. Based in San Francisco, the company is a subsidiary of PG&E Corporation. There are approximately 20,000 employees who carry out Pacific Gas and Electric Company's primary business—the transmission and delivery of energy. The company provides natural gas and electric service to approximately 16 million people throughout a 70,000-square-mile service area in northern and central California.

* All data was supplied from Rising Sun Energy Center. Energy savings values are generated from PG&E deemed energy savings and GHG emissions reductions were calculated using the **EPA GHG calculator**.

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Pacific Gas and Electric Company serves Berkeley, Davis, San Mateo, Fremont, and Sunnyvale, California — five of 50 communities across the United States competing in the Georgetown University Energy Prize to make the most significant impact on energy savings.