Each year, Rising Sun Energy Center, a 501(c)(3) nonprofit, partners with cities and PG&E Energy Watch partnerships to deliver the California Youth Energy Services (CYES) program. CYES trains and employs local youth to perform energy efficiency and water conservation assessments and installations in local homes – at no cost to the customer. Since 2000, CYES has served 33,747 customers with these Green House Calls, and employed 1,355 young adults. To-date, the program has saved over 116.6 million lifetime kWh, nearly 3.1 million lifetime therms, and 95,242 metric tons of CO₂. In the summer of 2015, Rising Sun partnered with 5 Energy Watch partnerships in over 20 cities throughout the greater Bay Area. CYES employed 180 youth and served 5,706 homes.

CLIENT FEEDBACK

“They were very knowledgeable and versatile, impressed that they are bilingual and went above and beyond to help out with even the smallest task.”

“This is a fantastic service. I was so impressed with these two young men: neat, very well-spoken, had the answers to all my questions. A pleasure to deal with them. Thank you!”

YOUTH TESTIMONIALS

“I had an amazing time, and worked with great people. I improved my organizational and time management skills many times over and learned how to effectively communicate with others.”

“The CYES program is a great starting point for a career in energy efficiency.”

ENERGY AND WATER SAVINGS

During the summer of 2015, youth Energy Specialists installed energy and water saving devices in local homes, which led to the annual reduction of 967,693 kWh, 11,315 therms, and 28.4 million gallons of water. This improved efficiency prevents 727 metric tons of CO₂ from entering the atmosphere each year, which is equivalent to CO₂ greenhouse gas emissions from one of the following:

- 81,836 gallons of gasoline consumed
- 1,691 barrels of oil consumed
- 100 homes' electricity use for one year
**CYES COMMUNITY OUTREACH**

CYES provides services to all community members, regardless of income. However, it is designed to serve hard-to-reach residents, including renters, moderate income households, seniors, and non-native English speaking households, who often miss out on similar services.

In 2015, CYES staff successfully recruited customers and promoted the program through a variety of outreach activities. Residents learned about the service through community events such as farmers markets, HOA meetings, food banks and local libraries. Rising Sun also utilized traditional and social media, canvassing, customer referrals and partnered with community-based organizations.

**ADDITIONAL SERVICES WE PROVIDED**

- **305** Free solar assessments for homeowners in single-family dwellings
- **10,000+** Pounds of e-waste collected from homes and recycled responsibly

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**HOUSEHOLDS WE SERVED**

**ETHNICITY**

- Caucasian: 31%
- Hispanic/Latino: 12%
- Asian/Pacific Islander: 11%
- African/African American: 5%
- Other: 5%

**LANGUAGES**

- Spanish: 66%
- Filipino/Tagalog: 5%
- Hindi: 5%
- Other: 5%

*Languages spoken at home other than English.

**INCOME LEVELS**

- Low—Moderate: 73%
- High: 27%

**HOUSEHOLDS**

- Rent: 53%
- Own: 47%

**MATERIALS WE INSTALLED**

- **38,413** Compact fluorescent light bulbs
- **6,725** LED light bulbs
- **1,718** LED night lights
- **350** CFL floor lamps
- **2,165** Efficient-flow showerheads & sink aerators
- **2,569** Powerstrips
- **858** Retractable clotheslines
- **701 ft** Of water heater pipe insulation