

## CALIFORNIA YOUTH ENERGY SERVICES



In the summer of 2016, Rising Sun partnered with cities in Alameda, Contra Costa, Marin, San Joaquin, Solano, and Sonoma counties to run its CYES program. CYES employed 176 youth, who served 4,251 residents with no-cost Green House Calls.

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 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 37,998 customers and employed 1,531 young adults. To-date, the program has saved over 120.1 million lifetime kWh, nearly 3.1 million lifetime therms, and 97,843 metric tons of CO<sub>2</sub>.

CYES trains local young adults in a meaningful, positive work experience where they can make a difference in their community, help the environment, and shape their future success. Our youth Energy Specialists work in teams of two to provide their neighbors with no-cost Green House Calls. In addition to job training, Energy Specialists participate in weekly professional development workshops. CYES youth are empowered to take direct action to mitigate climate change, while also gaining valuable job experience.

### YOUTH IMPACT



**90%**  
reported an  
increase in overall  
skill development

**78%**  
said their future  
plans were positively  
impacted by CYES



**72%**  
increased their  
eco-literacy

### YOUTH DEMOGRAPHICS



**52%**  
said CYES was their  
first job

**90%**  
said CYES was their  
first green job



**46%**  
experienced one or more  
barriers to employment  
before CYES

### 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."

"I feel extremely lucky to be working with a team that knows how to both work hard and have a ton of fun doing it. Thank you, Rising Sun, for giving me the most rewarding and enjoyable job I've ever had."

## ENERGY AND WATER SAVINGS



Youth Energy Specialists installed energy- and water-saving devices in local homes, which led to the annual reduction of **587,774 kWh**, **2,294 therms**, and **12.3 million gallons of water**, preventing **417.5** metric tons of CO<sub>2</sub> from entering the atmosphere each year. This is equivalent to avoiding CO<sub>2</sub> greenhouse gas emissions from the following:



**46,974**  
gallons of gasoline consumed



**57**  
homes' electricity use for one year



**970.8**  
barrels of oil consumed

## MATERIALS INSTALLED

PROGRAM - WIDE



**30,534**  
CFL light bulbs



**5,061**  
LED light bulbs



**1,019**  
kitchen and bathroom aerators



**542**  
efficient-flow showerheads



**4,126**  
LED night lights



**1,566**  
CFL floor lamps



**3,946**  
SMART power strips

## ADDITIONAL SERVICES

PROGRAM - WIDE



**7,374**  
pounds of e-waste collected from homes and recycled responsibly

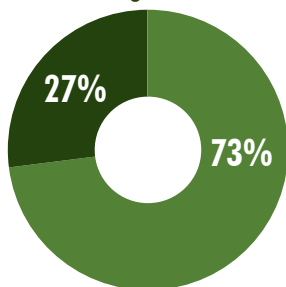


**217**  
free solar assessments

## HOUSEHOLD DEMOGRAPHICS

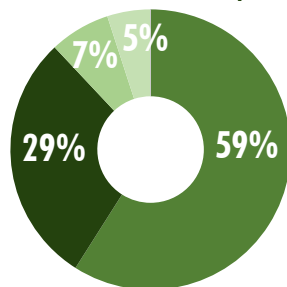
### Income

- Low-Moderate
- High



### Languages\*

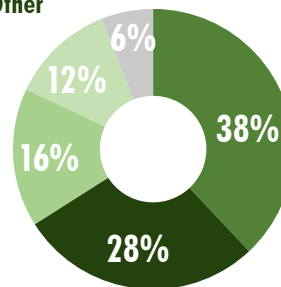
- Spanish
- Hindi
- Other
- Filipino/Tagalog



\*Languages spoken at home other than English

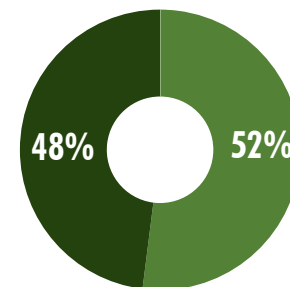
### Ethnicity

- Caucasian
- Hispanic/Latino
- Other
- Asian/Pacific Islander
- African American



### Households

- Rent
- Own



## 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."

"Such a great team! Professional, friendly, hardworking and knowledgeable. Appreciate the service!"

"I was very impressed with the knowledge of your staff. I was given usable recommendations for water and energy conservation."