



2016 SUMMER REPORT

CALIFORNIA YOUTH ENERGY SERVICES



In the summer of 2016, Rising Sun partnered with the City of Hayward for the sixth year to host a CYES program. CYES employed 9 youth and served 278 residents.

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 CO₂.

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

PROGRAM - WIDE

- 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

PROGRAM - WIDE

- 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 like what we do, the people we interact with and the environment."

"I love going into people's homes and helping people and hearing people's stories."

ENERGY AND WATER SAVINGS



Youth Energy Specialists installed energy- and water-saving devices in local homes, which led to the annual reduction of **42,291.82 kWh**, **320 therms**, and **1.7 million gallons of water**, preventing **31.2** metric tons of CO₂ from entering the atmosphere each year. This is equivalent to avoiding CO₂ greenhouse gas emissions from the following:



3,511
gallons of gasoline consumed



4
homes' electricity use for one year



72.6
barrels of oil consumed

MATERIALS INSTALLED



2,037
CFL light bulbs



652
LED light bulbs



155
kitchen and bathroom aerators



61
efficient-flow showerheads



276
LED night lights



27
CFL floor lamps



196
SMART power strips

ADDITIONAL SERVICES



402
pounds of e-waste collected from homes and recycled responsibly

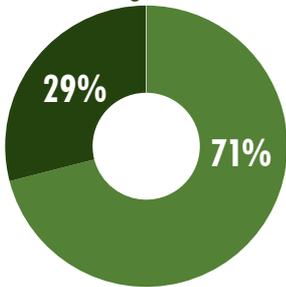


3
free solar assessments

HOUSEHOLD DEMOGRAPHICS

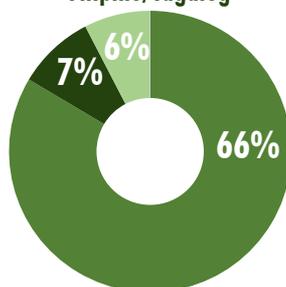
Income

- Low-Moderate
- High



Languages*

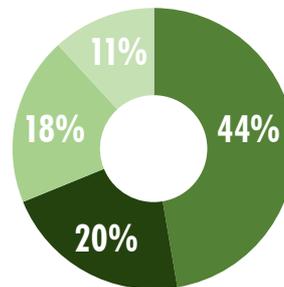
- Spanish
- Hindi
- Filipino/Tagalog



*Languages spoken at home other than English

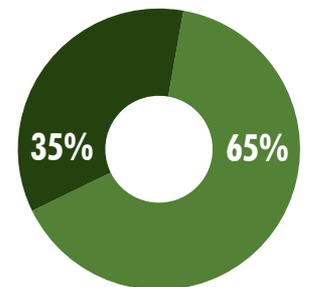
Ethnicity

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



Households

- Own
- Rent



CLIENT FEEDBACK

"My wife and I are very impressed with the performance and customer service attitudes of both Energy Specialists! This is an excellent program for homeowners! We're actually looking forward to receiving our next energy bill so we can see how much we're saving."

"I appreciate your program, helping the environment and our youth. I will spread the word!"

