



BUILDING HEALTHY COMMUNITIES THROUGH CLIMATE SOLUTIONS AND GREEN CAREER PATHWAYS



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CALIFORNIA YOUTH ENERGY SERVICES CITY OF HAYWARD 2015 REPORT

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 the City of Hayward to run a CYES program in that city for the fifth year. CYES employed **9** youth and served **289** Hayward residents.



CLIENT FEEDBACK

"I was exceptionally pleased with the professionalism and knowledge of the two Rising Sun Energy Specialists. They were very courteous and knowledgeable about energy efficiency."

"The reps that came to my house were the best. Friendly, warm, courteous, knowledgeable. I give them each 10 stars."



YOUTH TESTIMONIALS

"Rising Sun allowed me to gain knowledge and build on my teamwork and communication skills."

"My overall experience with CYES was fun. I'm doing something to better the environment and I'm doing something in my life to help others."

ENERGY AND WATER SAVINGS

In Hayward, youth Energy Specialists installed energy and water saving devices in local homes which led to the annual reduction of **50,681** kWh, **666** therms, and **2.6** million gallons of water. This improved efficiency prevents **38.5** metric tons of CO₂ from entering the atmosphere each year, which is equivalent to CO₂ greenhouse gas emissions from one of the following:



4,330

gallons of gasoline consumed



89

barrels of oil consumed



5

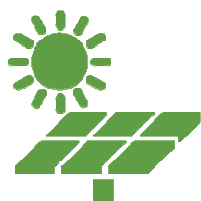
homes' electricity use for one year

HAYWARD COMMUNITY OUTREACH

CYES provides services to all community members regardless of income. However, it is designed to serve hard-to-reach residents, including renters, low-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 in Hayward through a variety of outreach activities. Residents learned about the service through community events, media, presentations, canvassing, and referrals. Seasonal highlights included the Cherryland Easter Egg Hunt, Hayward Easter Bonnet Parade, Cinco de Mayo Festival, and Downtown Street Fair. The Hayward Senior Center and the Salvation Army Food Bank also proved helpful in reaching target populations. The Main Branch of the Hayward Library provided great outreach opportunities during months leading up to the summer.

ADDITIONAL SERVICES WE PROVIDED



3

Free solar assessments for home owners in single family dwellings

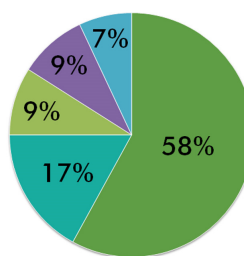


1,000+

Pounds of e-waste collected from homes and recycled responsibly

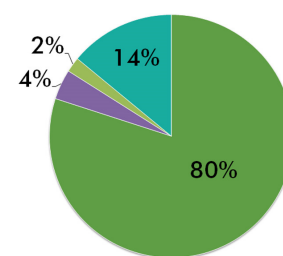
HOUSEHOLDS WE SERVED IN HAYWARD

ETHNICITY



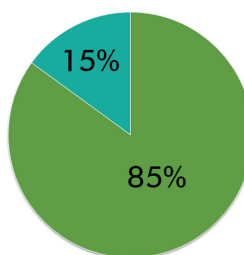
- Hispanic/Latino
- Caucasian
- Asian/Pacific Islander
- African/African American
- Other

LANGUAGES



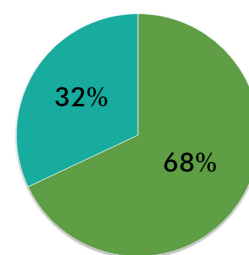
- Spanish
- Filipino/Tagalog
- Hindi
- Other

INCOME LEVELS



- Low—Moderate
- High

HOUSEHOLDS



- Rent
- Own

MATERIALS WE INSTALLED



1,865

Compact fluorescent light bulbs



280

LED light bulbs



73

LED night lights



28

CFL torchiere lamps



158

Efficient-flow showerheads & aerators



171

Powerstrips



36

Retractable clotheslines



34ft

Of water heater pipe insulation