



BUILDING HEALTHY COMMUNITIES THROUGH
CLIMATE SOLUTIONS AND GREEN CAREER PATHWAYS



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CALIFORNIA YOUTH ENERGY SERVICES CITY OF LAMORINDA 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 Lafayette, The Town of Moraga, Orinda to run a CYES program the first year. CYES employed **9** youth and served **260** LaMorinda residents.



CLIENT FEEDBACK

“The CYES staff were professional and friendly. They knew their stuff and it was a very helpful visit.”

“The Energy Specialist did a great job of explaining ways to save water and energy and were very helpful and friendly!”



YOUTH TESTIMONIALS

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

“Overall this experience has been very interesting and I've become more confident with the knowledge about being energy efficient.”

ENERGY AND WATER SAVINGS

In LaMorinda, youth Energy Specialists installed energy and water saving devices in local homes which led to the annual reduction of **51,381** kWh, **467** therms, and **166,851** gallons of water. This improved efficiency prevents **37.9** metric tons of CO₂ from entering the atmosphere each year, which is equivalent to CO₂ greenhouse gas emissions from one of the following:



4,265

gallons of gasoline consumed



88

barrels of oil consumed



5

homes' electricity use for one year

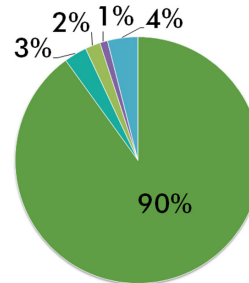
LAMORINDA COMMUNITY OUTREACH

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 LaMorinda through a variety of outreach activities. Residents learned about the service through community events, media, presentations, canvassing, and referrals. Seasonal highlights include Friends of Moraga Library Book Sale, Dogtown Downtown, the Contra Costa Interfaith Climate Action Network summit, Lafayette Earth Day, Moraga Community Faire, Sustainable Lafayette's Movie Nights, Campolindo Swim Center, Lafayette Reservoir, and the Orinda Library. Providing Green House Calls for the mayor of Lafayette and a city council member were additional highlights which we promoted on our social media.

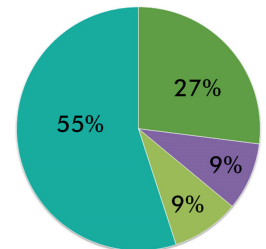
HOUSEHOLDS WE SERVED IN LAMORINDA

ETHNICITY



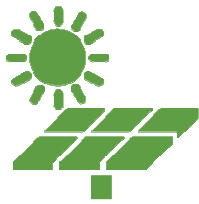
- Caucasian
- Asian/Pacific Islander
- Native American
- Hispanic/Latino
- Other

LANGUAGES



- Spanish
- Hindi
- Chinese
- Other

ADDITIONAL SERVICES WE PROVIDED



52

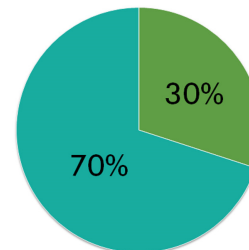
Free solar assessments for home owners in single family dwellings



1,000+

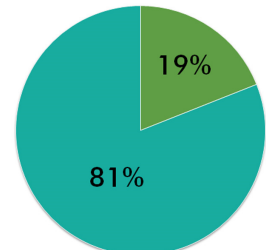
Pounds of e-waste collected from homes and recycled responsibly

INCOME LEVELS



- Low-Moderate
- High

HOUSEHOLDS



- Rent
- Own

MATERIALS WE INSTALLED



2,056

Compact fluorescent light bulbs



181

LED light bulbs



65

LED night lights



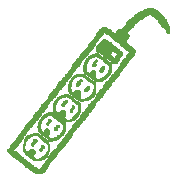
10

CFL torchiere lamps



96

Efficient-flow showerheads & aerators



95

Powerstrips



66

Retractable clotheslines



14 ft

Of water heater pipe insulation