

INTRODUCTION TO RISING SUN AND CYES

Wednesday, September 9th

**RISING SUN
ENERGY CENTER**

RISING SUN ENERGY CENTER

- ❑ 501c3 non-profit established in 1994
- ❑ 20 cities in the greater Bay Area in 2015
- ❑ 21 year-round employees, over 220 temporary staff
- ❑ 2 offices:
 - ❑ Berkeley (HQ)
 - ❑ Stockton



MISSION

To empower individuals to achieve environmental and economic sustainability for themselves and their communities



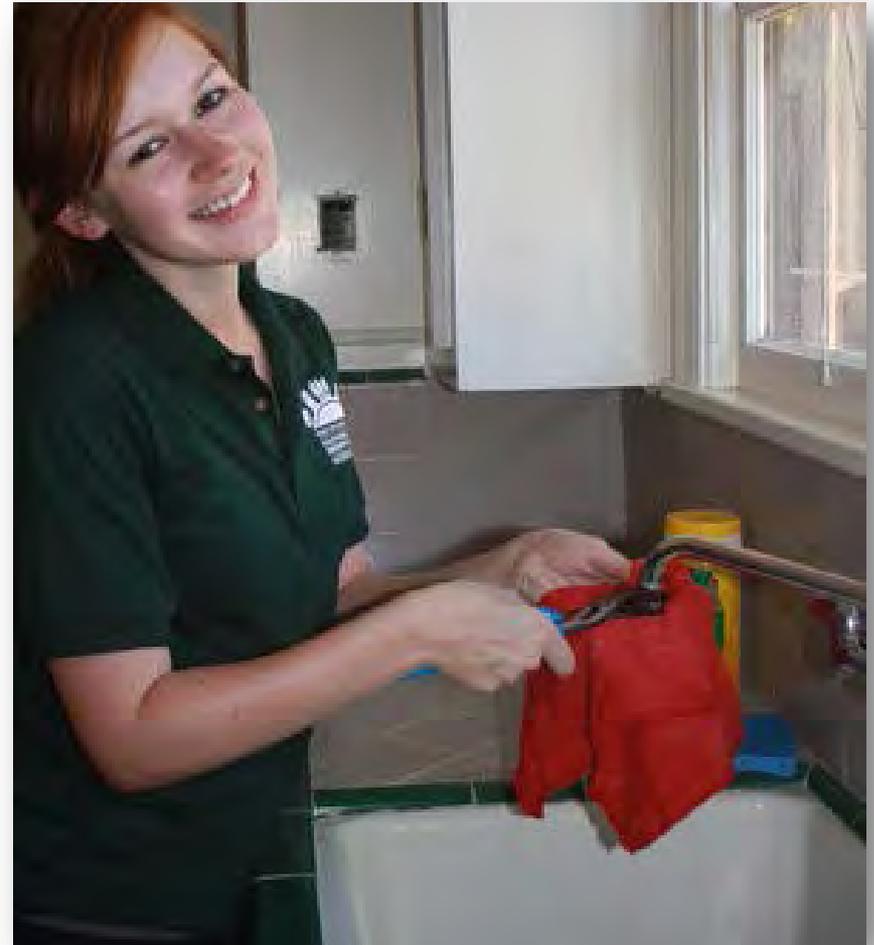
THEORY OF CHANGE

IF we provide green career pathways for youth and adults, while reducing community energy and resource consumption,
THEN individuals and communities will experience greater economic and environmental sustainability.



FOCUS AREAS

- ❑ Training, employment, workforce development for youth and adults
- ❑ Direct install energy efficiency and water conservation services
- ❑ Green career pathways



CURRENT PROGRAMS

YOUTH

- California Youth Energy Services (CYES)
- Leaders-In-Field-Training (LIFT) Program

ADULTS

- Green Energy Training Services (GETS)
 - Construction, Energy Efficiency, BPI, MC3, Soft Skills, Math, Sales & Marketing





CALIFORNIA YOUTH ENERGY SERVICES

CALIFORNIA YOUTH ENERGY SERVICES

GOAL:

To provide opportunities for youth and young adults to increase their professional capacity, self-efficacy, and environmental literacy through direct employment, while simultaneously offering direct resource conservation services and education to community members.

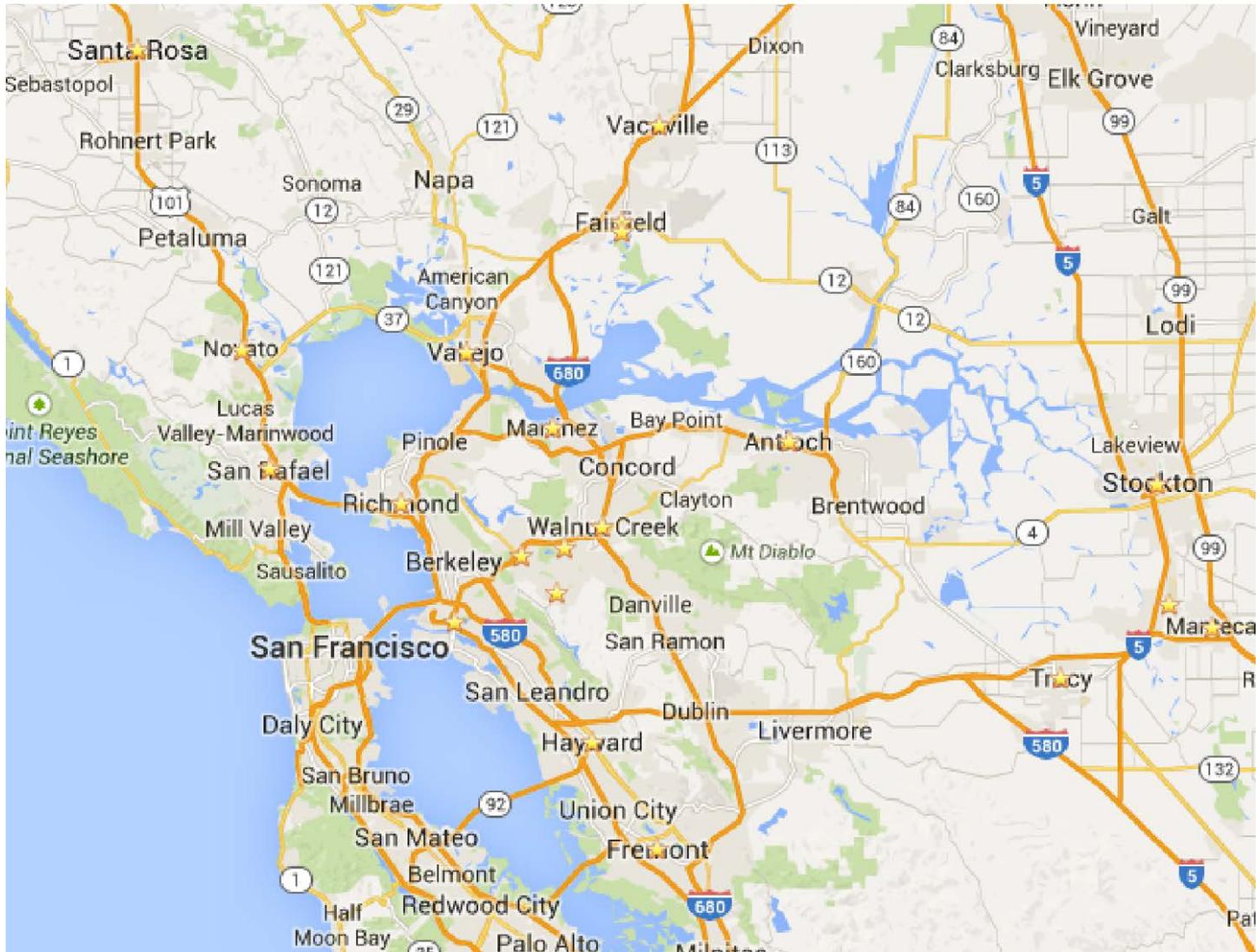


OVERVIEW

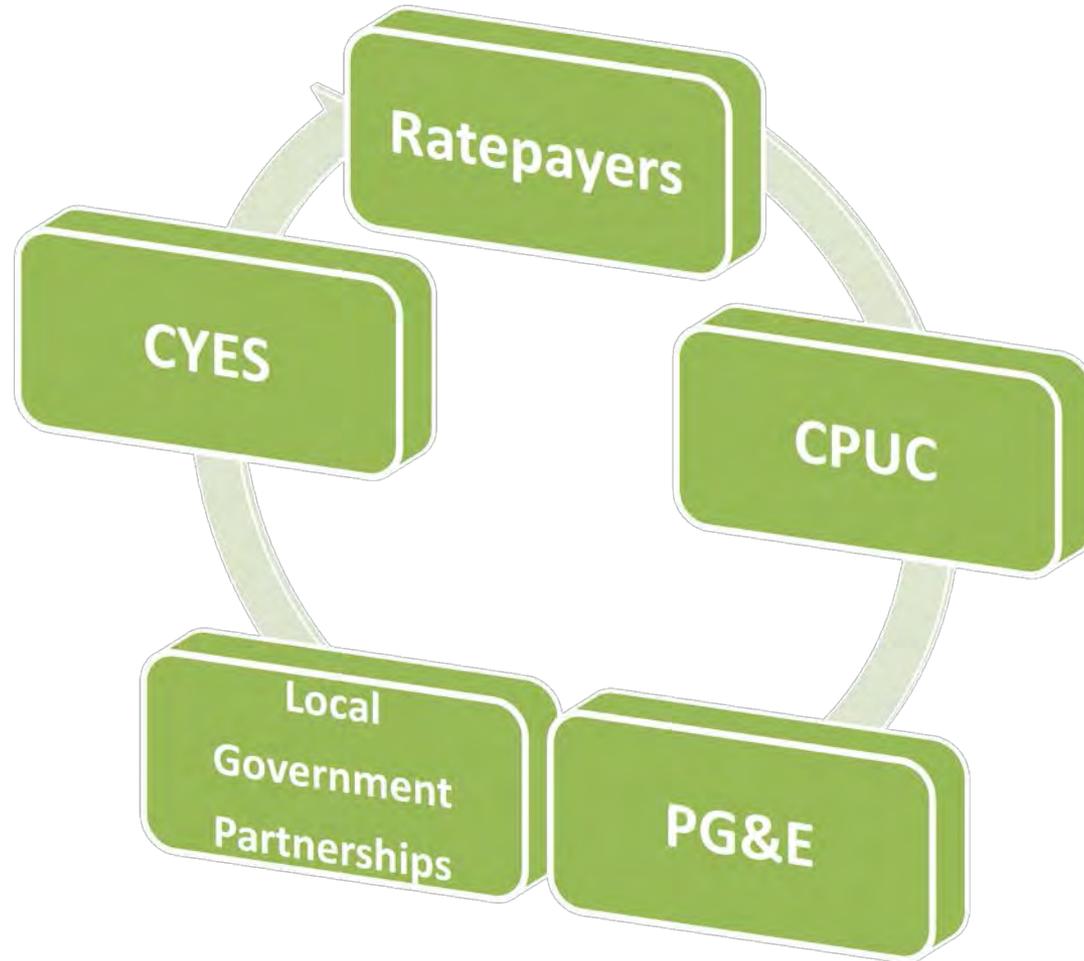
- ❑ First CYES program: Berkeley, 2000
- ❑ Today: **20** sites in Alameda, Contra Costa, Marin, San Joaquin, Sonoma, and Solano counties
- ❑ Train and employ **180** youth/year, ages 15-24
- ❑ Youth deliver **Green House Calls** to over **5,000** homes/year: NO-COST energy efficiency and water conservation installations
- ❑ Available to all; focus on hard-to-reach residents:
 - ❑ Renters, seniors, non-native English speakers, multifamily, low-moderate income



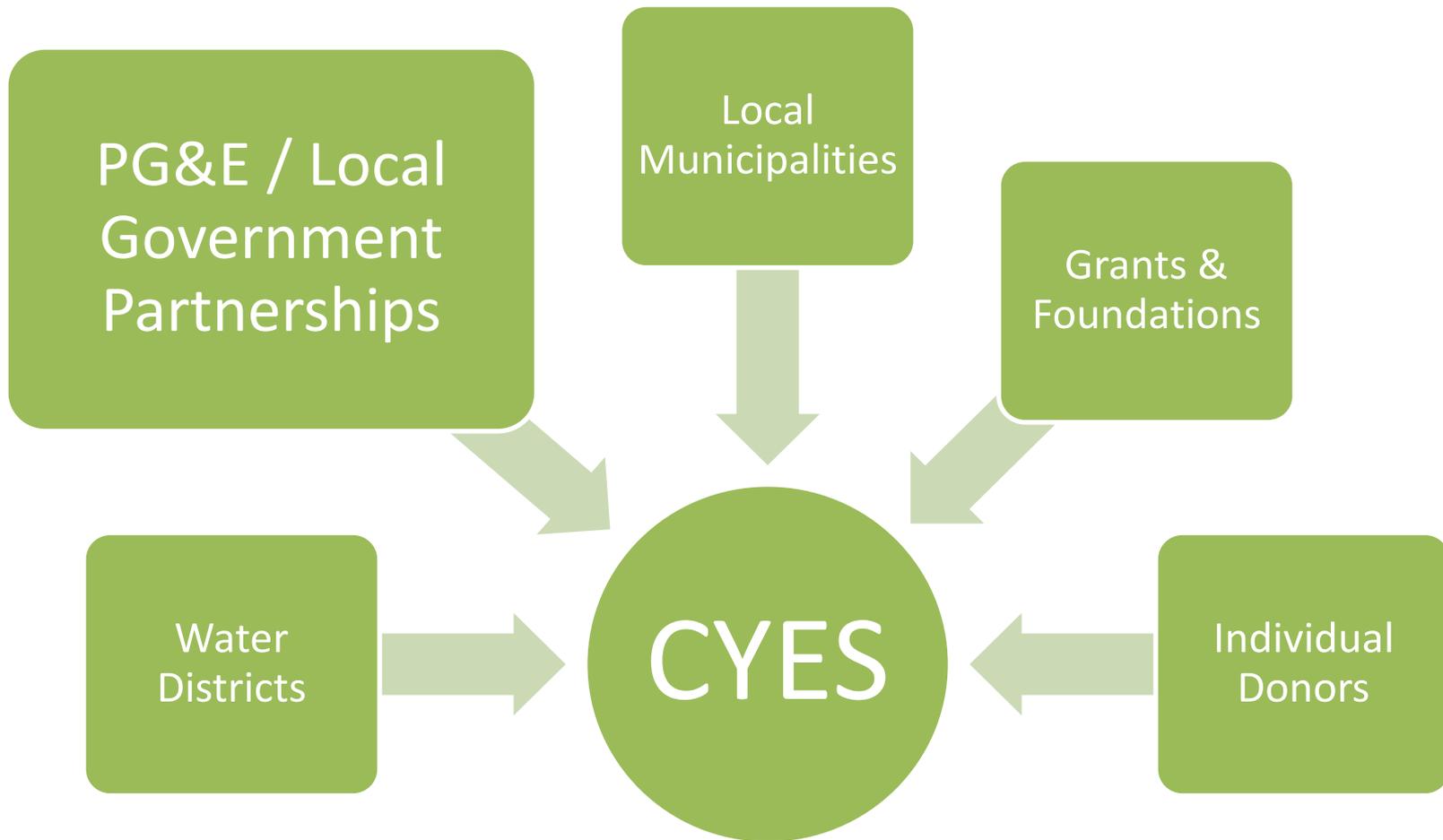
TERRITORY



PUBLIC PURPOSE PROGRAM CHARGE

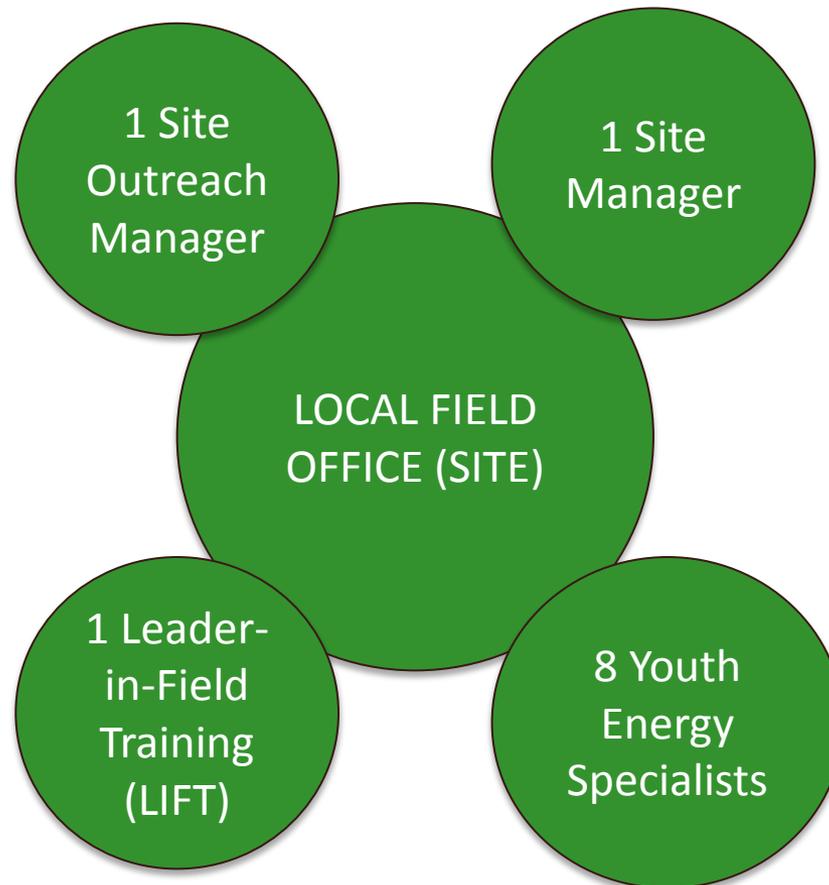


CYES FUNDING



PROGRAM MODEL

6 weeks
of
Green
House
Calls



250+
homes
served
per site

12-16+
GHCs per
day, per
site



LIFT

- ❑ Green career pathway within CYES
- ❑ Returning Energy Specialists
- ❑ Peer mentor and assistant manager
- ❑ Additional training, weekly professional development workshops

Goal:
Provide additional professional and leadership development opportunities for former CYES participants.



WHAT'S IN A GREEN HOUSE CALL

- Water and energy saving measures that will get the biggest results with:**
 - The lowest costs.
 - The fewest requirements for behavioral changes from clients.

Examples: CFL and LED light bulbs, water efficient showerheads, faucet aerators, insulation for hot water heater pipe

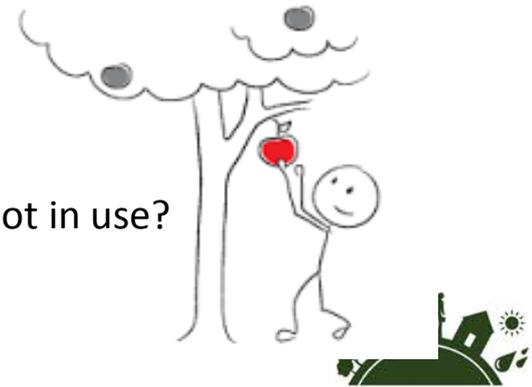
- Assessments to inform clients about actions that they can take and home improvements that they can make to further reduce their energy and water consumption**

Examples: solar panel readiness assessment, evaluation of windows, reading of water pressure

- Efficiency education**

Examples: Did you know that you save energy if you:

- use cold water when doing the laundry?
- unplug chargers and turn off power strips when they're not in use?
- run the dishwasher and clothes washer with full loads?



PROMOTING TO THE PUBLIC

In 2015, CYES staff successfully recruited clients and promoted the program in Lafayette, Moraga, and Orinda through a variety of outreach activities. Residents learned about the service through community events, media, presentations, canvassing, and referrals.

The following local activities were season highlights:

- Friends of Moraga Library Book Sale
- Dogtown Downtown
- Contra Costa Interfaith Climate Action Network summit
- Lafayette Earth Day
- Moraga Community Faire
- Sustainable Lafayette's Movie Nights

- Campolindo Swim Center
- 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.



Council Member Mark Mitchell received his GHC from Tom² (Tommy and Tom)



RESULTS

2000-2014:

- ❑ **1,175** youth employed
- ❑ **28,000** homes served
- ❑ **107.2 million** kWh of electricity saved
- ❑ **18,023** gallons of water per minute saved
- ❑ **87,901** metric tons of carbon dioxide reduced



Summer 2015 The Town of Moraga Statistics



69 Homes serviced

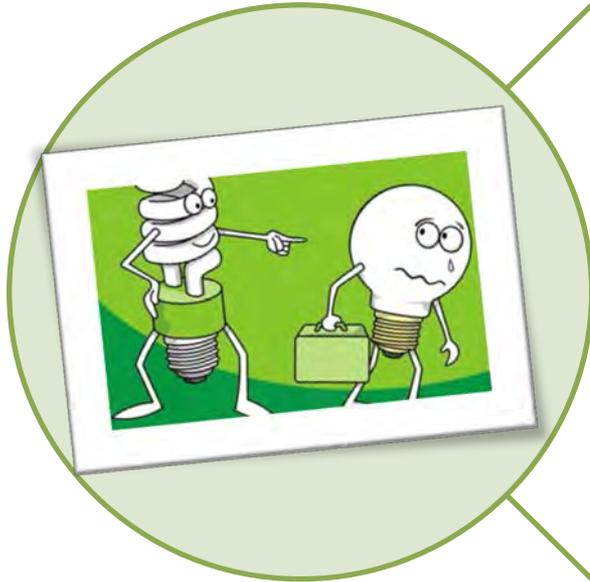
3 Moraga Youth Hired

- 566 CFLs Installed
- 54 LEDs Installed
- 14 LED Night Lights
- 16 Clotheslines
- 30 Powerstrips
- 35 Showerheads and Aerators
- 5 Torchieres
- 31 Spray Hose Nozzles
- 13762.64 KWH saved
- 76.50 GPM Saved



Summer 2015

LaMorinda Statistics



260 Homes serviced

- 1423 CFLs Installed
- 181 LEDs Installed
- 65 LED Night Lights
- 66 Clotheslines
- 95 Powerstrips
- 96 Showerheads and Aerators
- 10 Torchieres
- 31 Spray Hose Nozzles
- 51039.57 KWH saved
- 211.70 GPM Saved



WHY CYES?

PEOPLE

- ❑ Local jobs for local youth
- ❑ Local youth development
- ❑ Free service for local residents

PLANET

- ❑ Reduce local GHG emissions
- ❑ Conserve water

PROSPERITY

- ❑ Lower utility bills
- ❑ Build a sustainable community



...Feedback From Moraga Residents

The two young men acted professionally; very courteous; thorough, methodical and efficient in their approach. Kudos!!

Very impressed with the dedication and knowledge of staff. Thanks!



They did a great job of explaining ways to save water and energy and were very helpful and friendly!

We were very pleased! Appreciated that they let me take time to wash the glass fixtures as they replaced the bulbs!



QUESTIONS?

