



Put Your
Community
on the Map!



HERO is the leading
**ENERGY EFFICIENT
FINANCING**
program in the nation.

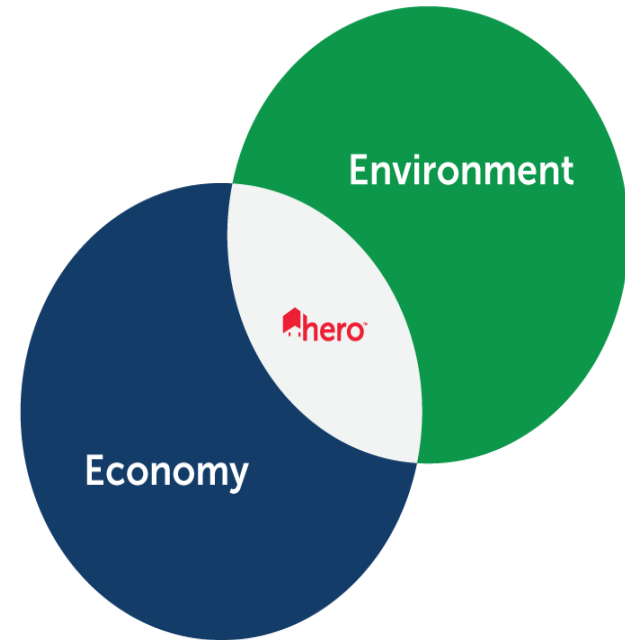
The HERO Program: Saving energy and water through property retrofits

- HERO is a residential and commercial Property Assessed Clean Energy (PACE) Program
- Authorized by state law (AB 811 and AB 474)
- Allows jurisdictions to offer financing to property owners for the purchase and installation of energy efficiency, renewable energy, and water conservation improvements
- Financing to property owners is repaid over time through voluntary annual assessments on the property tax bill



Benefits to the region

- ✓ **Economy** Creates construction-related jobs
- ✓ **Energy** Reduces / delays the need for construction of energy generation / transmission facilities
- ✓ **Environment** Improves air quality and reduces greenhouse gas emissions
- ✓ **Financial** No local jurisdictional debt; funding is self-replenishing
- ✓ **Utility Savings**



Impacts

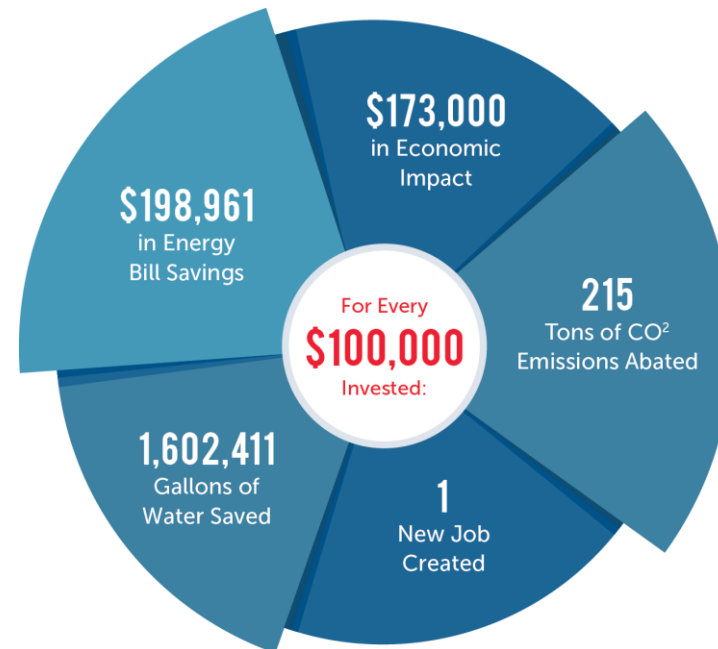
Economic Stimulus

- ✓ Lower Utility Bills
- ✓ New Job Creation
- ✓ Increased Property Values

Environmental Benefits

- ✓ Reduced CO2 Emissions
- ✓ Decreased Energy Consumption
- ✓ Substantial Water Savings

Community Impact



Examples of eligible improvements

- Heating and air conditioning
- Cool roofs
- Natural gas storage water heater
- Tankless water heater
- Windows and glass doors
- Outside irrigation
- Insulation
- Window filming
- Home sealing
- Lighting control systems
- Solar thermal systems (hot water)
- Solar thermal systems for pool heating
- Photovoltaic systems
- Low flush toilets

Results *(WRCOG region only)*

Approved Apps (Res):	18,000+
Approved Financing (Res):	\$654,000,000+
Projects Completed (Res):	9,500+
Projects Funded (Res):	\$184,000,000+
Projects Completed (Com):	3
Projects Funded (Com):	\$350,000

Emissions for energy reductions

- Using EPA's eGrid model

NOx 0.32 lb/MWh

CO2 868 lb/MWh

- From December 2011 to September 2014 the WRCOG subregion saved and/or generated 78 GWh

12.5 tons of NOx

30,700 MTCO2e

Cumulative Results (all active jurisdictions)



California HERO - 158 cities and counties and counting

Alameda County

Albany

Contra Costa

Concord

Fresno County

Clovis
Fresno
Fresno County
Unincorporated
Kingsburg
Reedley
Sanger

Imperial County

Brawley
El Centro
Imperial County
Unincorporated

Kern County

California City
Delano
Kern County
Unincorporated
McFarland
Ridgecrest
Taft
Wasco

Kings County

Lemoore

Los Angeles County

Alhambra
Arcadia
Azusa
Baldwin Park
Bellflower
Bradbury
Carson
Claremont
Covina
Diamond Bar
El Monte
El Segundo
Gardena
Glendora
Hawthorne
Hermosa Beach
Industry
Inglewood
Irwindale
La Cañada Flintridge
La Verne
Lancaster
Lawndale
Lomita
Monrovia
Montebello
Monterey Park
Palmdale
Pomona
Rancho Palos Verdes
Rolling Hills
Rolling Hills Estates

Rosemead

San Dimas
San Gabriel
San Marino
Santa Monica
Sierra Madre
South El Monte
South Pasadena
Temple City
Torrance
Walnut
West Covina

Madera County

Madera

Merced County

Atwater
Merced County
Unincorporated

Mono County

Mammoth Lakes
Mono County
Unincorporated

Monterey County

Monterey
Monterey County
Unincorporated

Napa County

American Canyon
Calistoga
Napa
Napa County
Unincorporated
St. Helena
Yountville

Orange County

Aliso Viejo
Anaheim
Brea
Buena Park
Costa Mesa
Cypress
Garden Grove
Huntington Beach
La Palma
Lake Forest
Laguna Hills
Newport Beach
Placentia
Santa Ana
Stanton
Tustin
Westminster

Riverside County

Beaumont
Indio

Sacramento County

Citrus Heights
Rancho Cordova

San Diego County

Carlsbad
Coronado
El Cajon
Encinitas
Escondido
Imperial Beach
La Mesa
Lemon Grove
National City
Oceanside
San Diego
San Diego County
Unincorporated
San Marcos
Santee
Solana Beach
Vista

San Joaquin County

Stockton
Tracy

San Mateo County

Menlo Park
San Mateo County
Unincorporated

Santa Barbara County

Lompoc

Santa Clara County

San Jose

Santa Cruz County

Scotts Valley
Santa Cruz County
Unincorporated

Solano County

Benicia
Solano County
Unincorporated
Vacaville
Vallejo

Stanislaus County

Modesto
Newman
Oakdale
Riverbank
Turlock
Waterford

Tulare County

Visalia

Ventura County

Fillmore
Ojai
Santa Paula

WRCOG

Banning
Calimesa
Canyon Lake
Corona
Eastvale
Hemet
Jurupa Valley
Lake Elsinore
Menifee
Moreno Valley
Murrieta
Norco
Perris
Riverside
Riverside County
Unincorporated
San Jacinto
Temecula
Wildomar

HERO Communities
as of September
2014

Indicates launched

Questions ?

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www.heroprogram.com

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