



# Department of Community Services and Development (CSD) Low-Income Weatherization Program (LIWP)

Funded from the State of California's  
Greenhouse Gas Reduction Fund  
California Climate Investments



# CSD Overview



As a Department under the California Health and Human Services Agency, CSD partners with a network of private, non-profit and public community-based organizations commonly referred to as Community Action Agencies or Local Service Providers covering all 58 counties of the state and dedicated to helping low-income families and individuals achieve and maintain self-sufficiency, manage their home energy needs and reside in housing free from the dangers of lead hazards.

CSD administers California's share of 4 federal programs:

## **U.S. Department of Health and Human Services**

- Community Services Block Grant (CSBG)
- Low-Income Home Energy Assistance Program (LIHEAP)

## **U.S. Department of Energy**

- Weatherization Assistance Program (WAP)

## **U.S. Department of Housing and Urban Development**

- Lead-Based Paint Hazard Control Program (Lead)





# Cap-and-Trade Auction Proceeds Appropriations: Implementation of LIWP

- State Fiscal Year (FY) 2014-15 Budget: \$75 million
- SB 101, amending FY 2015-16 Budget Act: \$78.8 million
- The Governor's January budget FY 2016-17: \$75 million (???)

Funds were used to expand CSD's existing weatherization programs in disadvantaged communities and establish the new programs of:

- Single Family Solar Photovoltaics (PV) Program
- Large Multi-Family Energy Efficiency and Renewables Program





# Cap-and-Trade Auction Proceeds Appropriations: Implementation of LIWP

## Current Goals (FY 2014-15 Appropriation):

- 100% of households/buildings served are located in Disadvantaged Communities (DACs) as defined by the California Environmental Protection Agency
- Reduce greenhouse gas (GHG) emissions
- Improve the energy efficiency of low-income housing
- Lower utility costs for low-income families
- Achieve other co-benefits, including workforce development

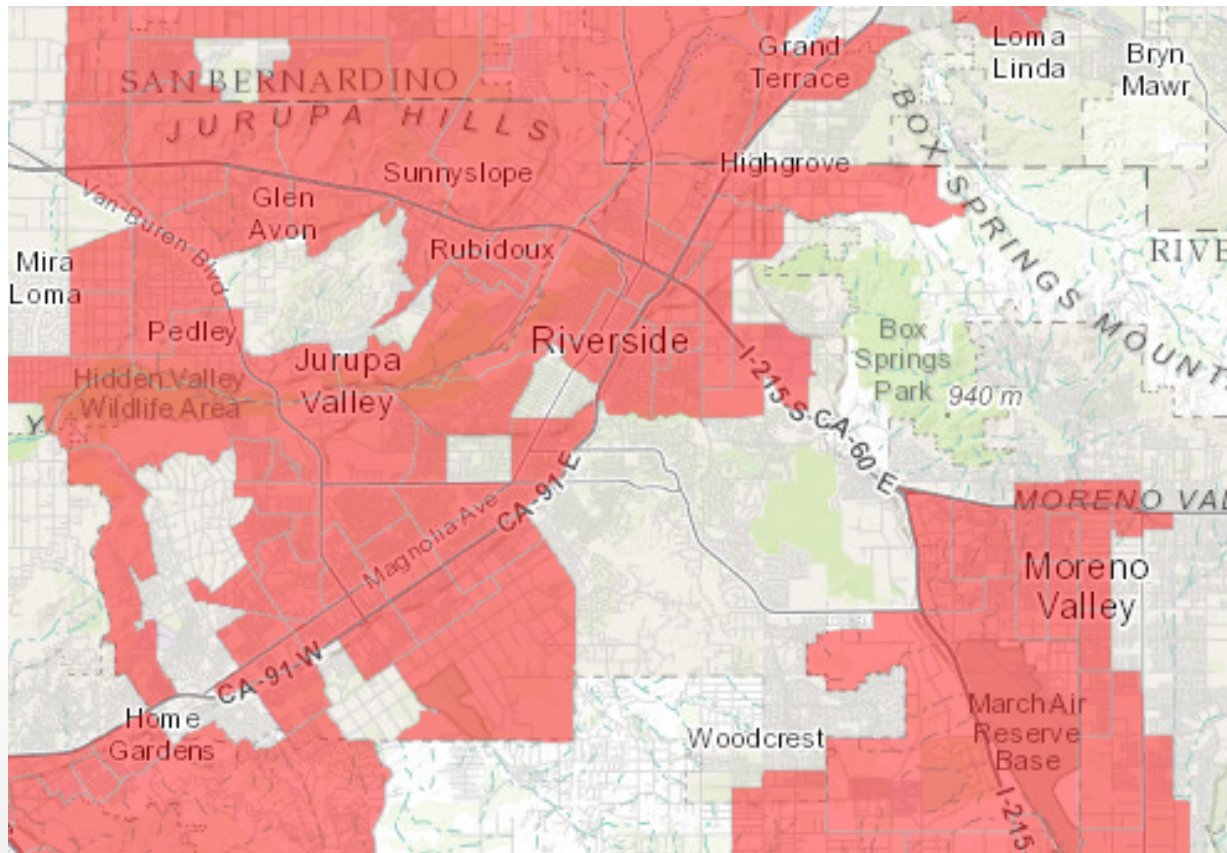




# Cap-and-Trade Auction Proceeds Appropriations: Implementation of LIWP

Interactive Map: Disadvantaged Communities

<http://www.calepa.ca.gov/EnvJustice/GHGInvest>





## Program Background

### Single Family/Small Multi-Family Energy Efficiency and Solar Water Heating Program Eligibility:

With FY 2014-15 appropriation, CSD expanded our federally funded low-income weatherization programs (in existence for more than 30 years) and leveraged the use of the existing program infrastructure in the 29 counties with DACs

- **Eligibility:** Homeowners or renters meeting federal Low-Income Home Energy Assistance Program (LIHEAP) income guidelines - (60% of State Median Income [SMI])
- **Costs to Eligible Homeowners or Renters:** None





# Program Background

## Single Family/Small Multi-Family Energy Efficiency and Solar Water Heating Program Eligibility:

Check the chart below to see if you qualify for this free service:

# People in Home*	Annual Income	Monthly Income
1	\$24,057.24	\$2,004.77
2	\$31,459.56	\$2,621.63
3	\$38,861.76	\$3,238.48
4	\$46,263.96	\$3,855.33

*\*For households with more than 4 people, please call.*

Through December 2016: Applications to Local Service Providers (Energy Providers) in county





## Program Background

CSD also conducted competitive procurements for Providers to administer the two new specialized components of LIWP:

### Single-Family Solar PV:

- GRID Alternatives selected as CSD's statewide Solar PV Provider (is also California Public Utilities Commission's administrator for California Solar Initiative rebates; can leverage those funds for up to 50% of solar PV installation costs, where available)
- **Eligibility:** Single-family dwellings occupied by qualifying homeowners (80% of the Area Median Income [AMI], U.S. Department of Housing and Urban Development's income guidelines). Homes also referred for limited energy efficiency measures to maximize energy savings.
- **Costs to Eligible Homeowners:** None.





# Program Background

## Single-Family Solar PV:

- <http://www.gridalternatives.org/programs/solar-affordable-housing-program/low-income-weatherization-program>

California's Low-Income Weatherization Program (LIWP) installs rooftop solar systems, solar hot water heater systems and weatherization measures on low-income households in disadvantaged communities to reduce greenhouse gas emissions and save energy.



As part of the California Department of Community Services and Development's [Low-Income Weatherization Program \(LIWP\)](#), GRID Alternatives partners with environmentally and economically disadvantaged communities to install rooftop solar for homeowners and provide hands-on skill building opportunities to volunteers. The LIWP-solar program is funded through [California Climate Investments](#) using proceeds from the state's cap-and-trade auctions.

To find out if you qualify to go solar with GRID Alternatives through LIWP-solar, [visit the clients section of our website](#).

# Looking Ahead: Program Redesign



## Single Family Energy Efficiency and Solar Water Heating Program Single Family Solar Photovoltaics (PV) Program

- RFI/RFP process for competitive procurement to select regional administrators for service delivery of Energy Efficiency upgrades and renewables
  - Create a program model that has a better economy of scale and is more adaptable and responsive to Investment Plan cycles and funding
  - Remove constraints for leveraging federal dollars and set eligibility for Single Family homes at incomes at or below 80% of AMI, unless 60% SMI qualifies more households
- Supplement State-wide Solar PV Provider through June 2018
- Improve integration of EE and PV
- Explore Grant-making Model: (e.g. Community Solar)





## Program Background

### Large Multi-Family Energy Efficiency and Renewables Program

- The Association for Energy Affordability (AEA) selected as Provider to perform energy audits/modeling to identify cost-effective energy efficiency measures and renewables for qualifying buildings, with incentive payments to property owners for agreed scope of work
  - **Eligibility:** Projects with at least one building of 20 or more units, provided that at least 66% of the dwelling units are occupied by households with incomes at or below 80% of AMI
  - Affordable housing is current focus
  - CSD waivers for complexes with fewer units in one building due to challenges with housing stock in some areas; reviewing definitions
- GRID Alternatives also selected in March 2016 as AEA's Solar PV Provider



# Large Multi-Family (LMF) Energy Efficiency and Renewables Program Current Activities



- CSD entered a contract with AEA in December 2015 – project evaluations and participation agreements underway.
- Support to Property Owners: property assessments, design assistance, and contractor coordination.
- Measures may include: centralized mechanical system retrofits (heating, cooling and air conditioning) and boilers; lighting retrofits, solar water heating and solar photovoltaics.
- Property owners may work with any contractor they choose, if the contractor follows requirements to maintain good Program standing.



# Large Multi-Family (LMF) Energy Efficiency and Renewables Program Current Activities



- Cost-effective energy improvements must equate to at least 15% savings above existing conditions; 25% with leveraged funds; goal of average of 40% with solar PV.
- Incentives to be based on \$\$ per Solar MW & GHG reduced (metric tons CO2) based on proportion of tenant/owner benefit
- ***Costs to Owners of Eligible Properties:*** Variable

## Looking Ahead:

- Consolidate small and large multi-family projects under a single program component to achieve administrative efficiencies.
- Develop strategies for strategically timed investments/collaborations that leverage LIWP funds with other funding sources, given expenditure constraints





# Contacts

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**Single Family/Small Multi-Family Energy Efficiency and Solar Water Heating Program:**

**Single-Family Solar PV:**



Select your county on the map of California to find information on services provided in your area.

<http://www.csd.ca.gov/Services/FindServicesinYourArea>

**Large Multi-Family Energy Efficiency & Renewables Program**

[www.camultifamilyenergyefficiency.org](http://www.camultifamilyenergyefficiency.org)

