

DOCKETED

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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 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) 14-15 Budget: \$75 million
- FY 15-16 Budget : \$79 million
- FY 16-17 Budget: \$20 million
\$174 million

Initial appropriation was used to expand CSD's existing weatherization programs and establish two new programs :

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



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



Initial Goals:

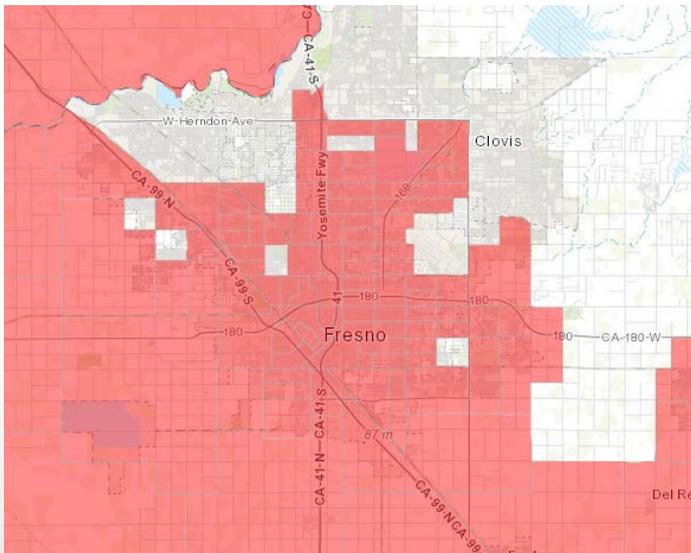
- 100% of households/buildings served are located in Disadvantaged Communities (DACs) as defined by the California Environmental Protection Agency
- Reduce greenhouse gas (GHG) emissions
- Improve the energy efficiency of low-income housing at no cost to eligible homeowners or renters
- Lower utility costs for low-income families
- Achieve other co-benefits, including workforce development



Program Background

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

- Eligibility: Homeowners or renters meeting federal Low-Income Home Energy Assistance Program (LIHEAP) income guidelines - (60% of State Median Income [SMI])
- DAC requirement = challenges in outreach/service delivery:





Program Background

Single-Family Solar PV:

- GRID Alternatives selected as CSD's statewide Solar PV service provider (also CPUC's administrator for California Solar Initiative rebates; can leverage those funds, where available)
- Fresno Economic Opportunities Commission: solar PV pilot with a consortium of agencies, continuing through May 2017

Program Redesign:

- RFP for 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 Plans/funding
- Set eligibility at incomes at or below 80% of AMI, unless 60% SMI qualifies more households; introduce categorical/neighborhood eligibility
- Improve integration of EE and PV





Program Background

Multi-Family (MF) Energy Efficiency & Renewables

- The Association for Energy Affordability (AEA) selected as State-wide service provider
- Eligibility: Properties with at least 66% of dwelling units occupied by households with incomes at or below 80% of AMI
- Affordable housing is current focus
- AEA performs energy audits/modeling for qualifying buildings, with incentive payments to property owners based on GHG reduced (metric tons CO₂e) from EE measures and \$\$ per watt for solar PV, and based on proportion of tenant/owner benefit
- Energy efficiency improvements should equate to at least 15% savings above existing conditions; goal of average of 40% with solar PV





Future Initiative: Community Solar Pilot

Why Community Solar?

Cost Effectiveness & Equity:

- A single rooftop PV system can cost up to \$25,000 and reduce one household's electricity bill by up to 90%
- A Community Solar array can be used to reduce the electricity bills of multiple low-income homes by a lower—but still beneficial—percent





Future Initiative: Community Solar Pilot

CSD Vision for Community Solar:

- A project that is truly part of the “community”
- Benefits customers who live in a DAC
- Reduces customer electricity costs
- Helps the customers who need it the most
- Requires no additional customer costs or financial barriers (credit scores, credit checks, etc)
- Billing that is easy to understand
- Serves customers who are not qualified for rooftop PV (renters, poor roof quality, etc)
- Provides energy efficiency and energy education





Future Initiative: Community Solar Pilot

CSD Vision for Community Solar Pilot Design:

- A scalable model(s) that can be replicated if future funding becomes available
- Quantifiable GHG reduction
- Able to provide electricity at a lower cost per watt than rooftop PV
- Project completion by June 2020
- Bring leveraged dollars to the project
- Ability to target qualified customers with the greatest need (highest electric bills)
- A plan for finding and enrolling qualified customers
- Incorporate workforce development for DAC residents





Future Initiative: Community Solar Pilot

Milestone	Estimated Date
Release of Request for Information (RFI), Community Solar Pilot	May, 2017
Community Meetings	May, 2017
Due Date for RFI responses	June, 2017
Release of Notice of Funding Availability	July, 2017
Funding Applications Due	August, 2017
Selection of Awardees and TA	September, 2017



Contacts



Email: Glen.Baird@csd.ca.gov

<http://www.csd.ca.gov/LIWP.aspx> - sign up for alerts

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

Single-Family Solar PV:



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

- Large Multi-Family Energy Efficiency & Renewables Program

www.camultifamilyenergyefficiency.org

