

RESILIENTPOWER

A project of **CleanEnergy**Group



Bringing the Benefits of Solar to Affordable Housing: The California Nonprofit Solar Stakeholders Coalition Plan

Part 1

Housekeeping



All participants are in “Listen-Only” mode. Select “Use Mic & Speakers” to avoid toll charges and use your computer’s VOIP capabilities. Or select “Use Telephone” and enter your PIN onto your phone key pad.

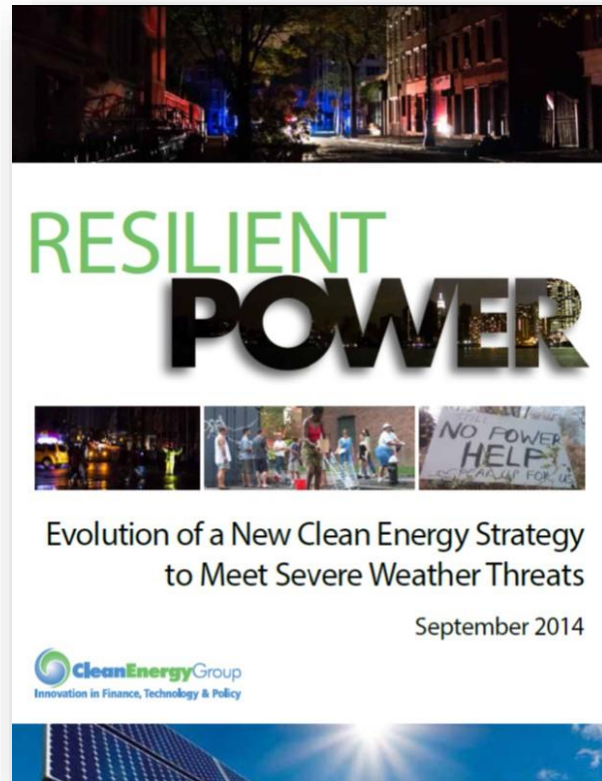
Submit your questions at any time by typing in the Question Box and hitting Send.

This webinar is being recorded.

You will find a recording of this webinar, as well as previous Resilient Power Project webinars, online at:

www.resilient-power.org

Who We Are



www.cleanegroup.org

www.resilient-power.org

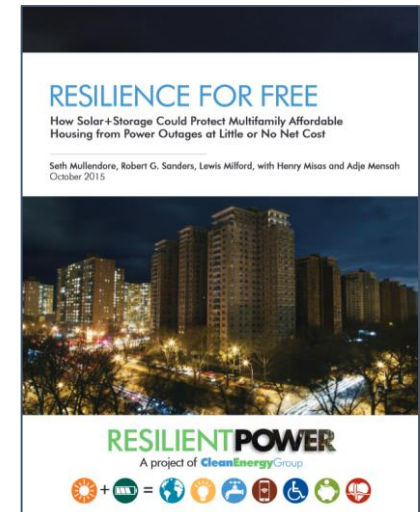
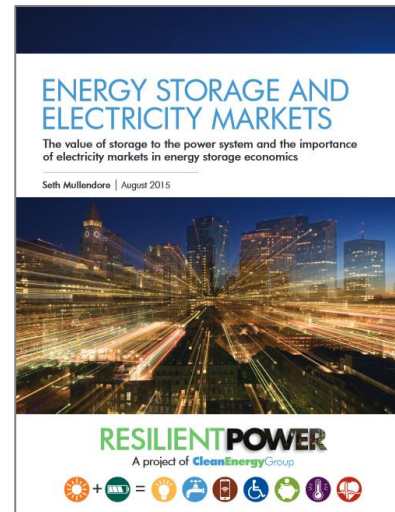
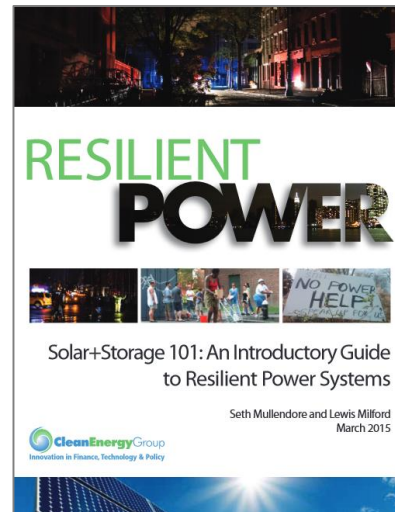
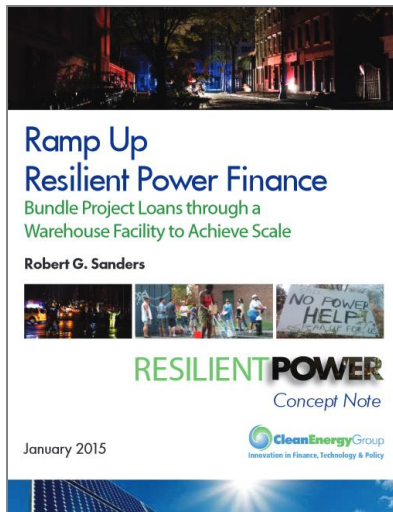


SURDNA FOUNDATION

Fostering sustainable communities in the United States

Resilient Power Project

- Increase public/private investment in clean, resilient power systems
- Engage city officials to develop resilient power policies/programs
- Protect low-income and vulnerable communities
- Focus on affordable housing and critical public facilities
- Advocate for state and federal supportive policies and programs
- Technical assistance for pre-development costs to help agencies/project developers get deals done
- See www.resilient-power.org for reports, newsletters, webinar recordings



Resilient Power Project

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RESILIENT POWER PROJECT

To reduce impacts and dangers of power outages in communities now and in the future, the Resilient Power Project works to provide technology and policy solutions to address three challenges: Community Resiliency, Climate Adaptation, and Climate Mitigation.

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Project Mailing List

CONTACT

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With the Resilient Power Project, Clean Energy Group and [Meridian Institute](#) are working to accelerate market development of clean energy technologies for resilient power applications that serve low-income communities and vulnerable populations during disasters and power disruptions, and to address climate adaptation and mitigation goals through expansion of reliable renewable energy deployment. To reduce impacts and dangers of power outages in communities now and in the future, the Resilient Power Project works to provide technology and policy solutions to address three challenges facing the country: Community Resiliency, Climate Adaptation, and Climate Mitigation.

Clean Energy Group's role in this process is to help inform, coordinate, and support federal, state, and local officials, policy makers and developers with the goal of deploying resilient power projects in communities across the country. In addition to providing program guidance to policy makers and limited technical assistance funding for project development, we also prepare reports and analysis on resilient power

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  22 Feb

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Navinant Research

Today's Speakers

- **Wayne Waite**, Waite & Associates
- **Strela Cervas**, Co-Director, California Environmental Justice Alliance
- **Eddie Ahn**, Executive Director, Brightline Defense Project



IMPLEMENTING AB 693

Proposal by Nonprofit
Solar Stakeholders
Coalition

DISCUSSION OUTLINE

DAY ONE *(September 22)*

- 1.OVERVIEW
2. PROGRAM TARGETING
3. LOCAL HIRING
4. THIRD PARTY
ADMINISTRATION

DAY TWO *(September 29)*

- 1.RECAP
2. ENERGY EFFICIENCY
3. ENERGY STORAGE
4. TENANT
BENEFITS/INCENTIVE
STRUCTURE

OVERVIEW

AB 693 - BASICS

ATTRIBUTES

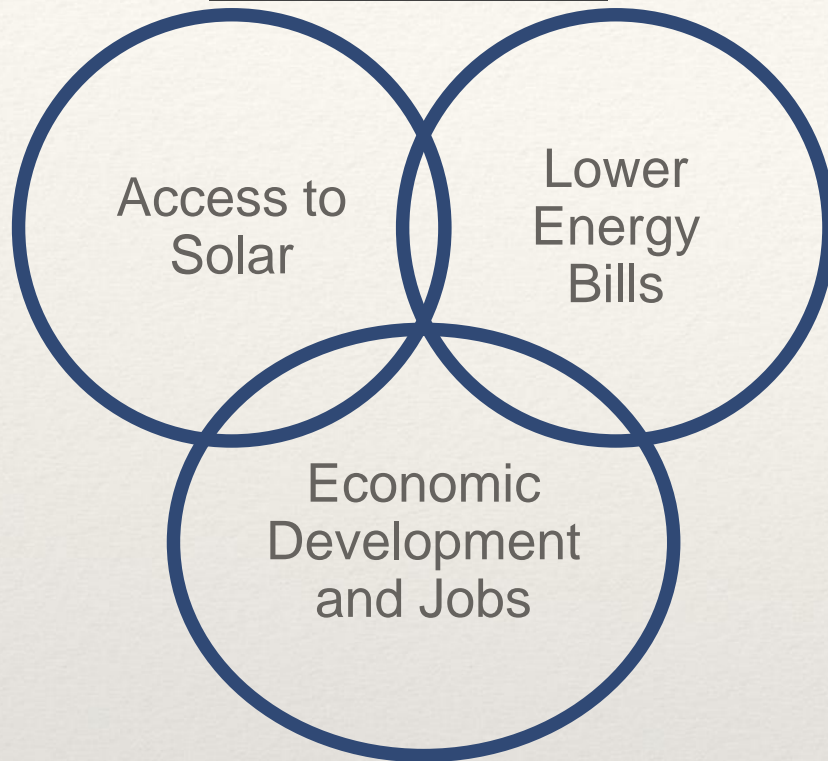
- Funding: Up to \$100 million/year
- Source: Climate Credit funding from Cap and Trade auction revenues
- Term: Up to 10 years
- Eligibility: Affordable multifamily housing with rent/income restrictions

GOALS

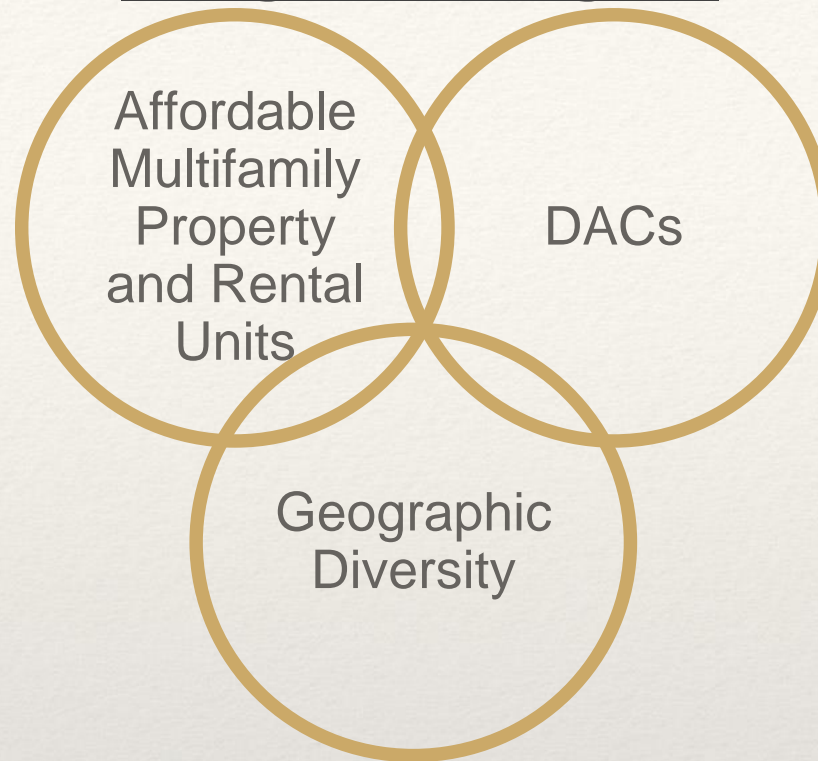
- ① *Make clean energy technologies more accessible to low-income and disadvantaged communities (DACs)*
- ② *Provide local economic benefits to DACs*
- ③ *Install solar energy systems to reflect geographic diversity*
- ④ *Provide assistance to low-income utility customers*
- ⑤ *Reduce the costs of the CARE program*
- ⑥ *Install generating capacity of at least 300 MW (full funding scenario)*

AB 693: CHANGING ENERGY DYNAMICS

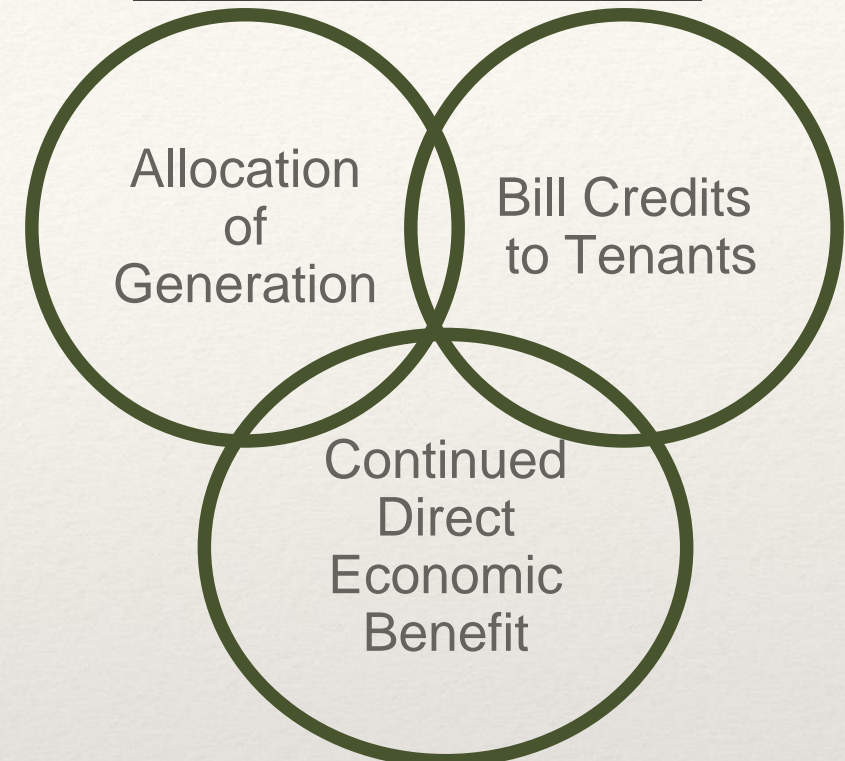
Core Goals



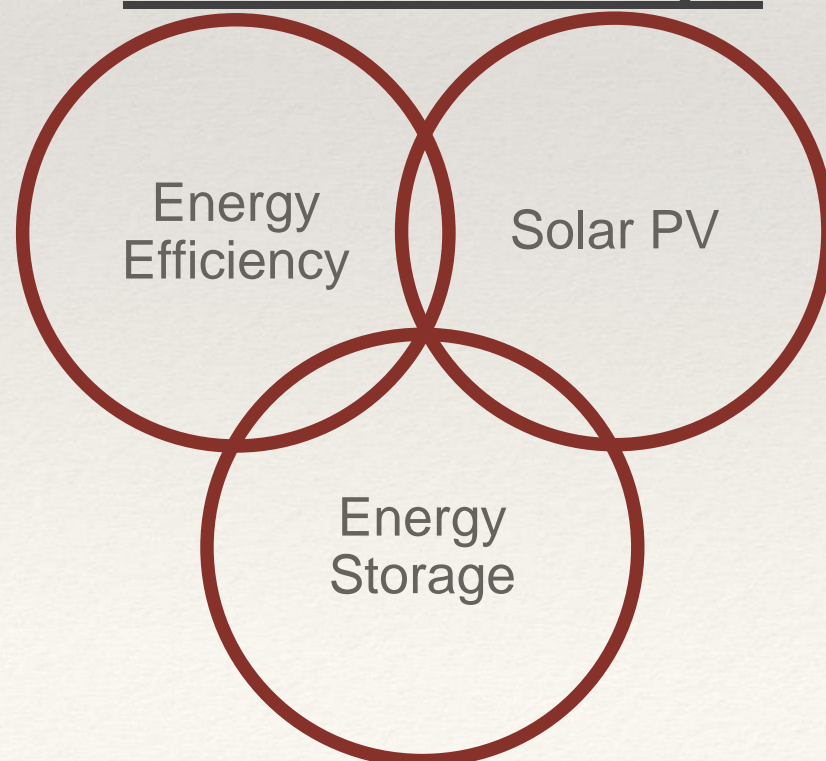
Program Targets



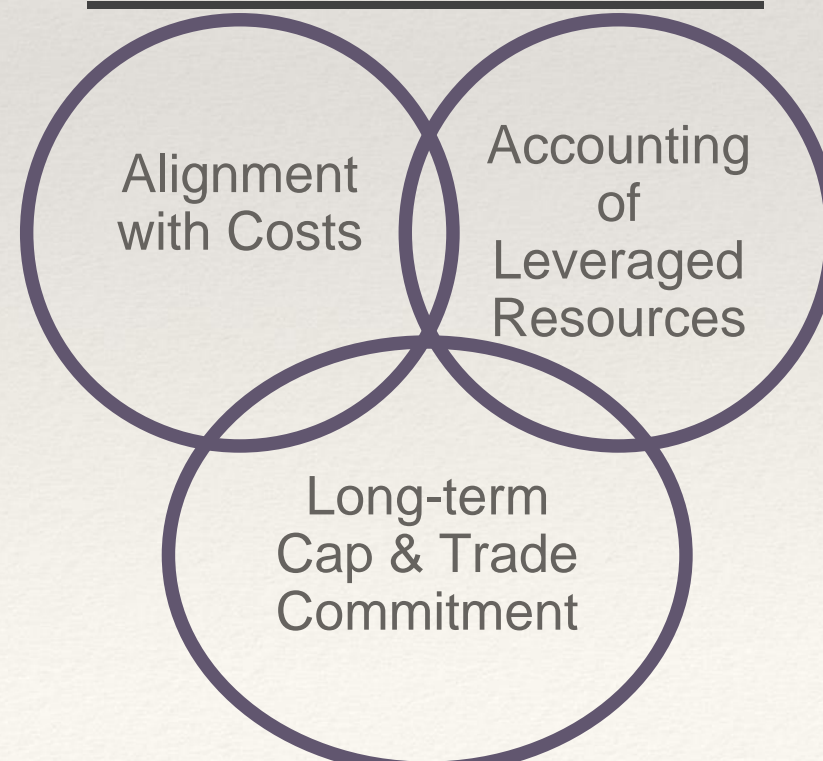
Shared Benefits



Investment Scope



Incentive Structure



COALITION - Organization

❖ COALITION PARTNERSHIP

Member Organizations: *California Environmental Justice Alliance, California Housing Partnership Corporation, Brightline Defense Project, Natural Resources Defense Council, National Housing Law Project.*

Supporting Organizations: *Energy Foundation, Asian Pacific Environmental Network, Clean Energy Group, California Center Sustainable Energy, Communities for a Better Environment, Greenlining Institute, and GRID Alternatives.*

❖ PREDICATES

- Shared values & mission objectives
- Common interests to ensure that program benefits are received by intended beneficiaries.
- Mutual need to build capacity and work together to address complex policy and program issues on behalf of stakeholders.
- Foster a community-based network to build capacity to support program implementation.

COALITION - Purpose & Principles

❖ PURPOSE

Build partnerships among environmental justice, housing, environmental and consumer advocacy communities to provide:

- ❖ ***Fair and equal access*** to program resources for all low-income renters residing in qualified properties
- ❖ ***Comprehensive energy solutions*** responsive to long-term energy needs and changing utility policies/tariffs affecting property owners and residents
- ❖ ***Funding choices*** that optimizes economic benefits and safeguards financial stability for property owners and residents

CPUC PROCEEDING

- ❖ Decision to implement AB 693 in Second Phase of NEM Proceeding *(January 28)*
- ❖ Second Amended Scoping Memo *(March 4)*
- ❖ Request for Public Workshops - *No Response*
- ❖ ALJ Ruling: Request for Proposal or Responses *(July 8)*
- ❖ Coalition Proposal *(August 3)*
- ❖ Reply Comments *(August 16)*
- ❖ Next Steps:

PROGRAM TARGETING



Geographic Program Targeting

INTENTION

Program is intended to be available to all qualified multifamily affordable rental properties that:

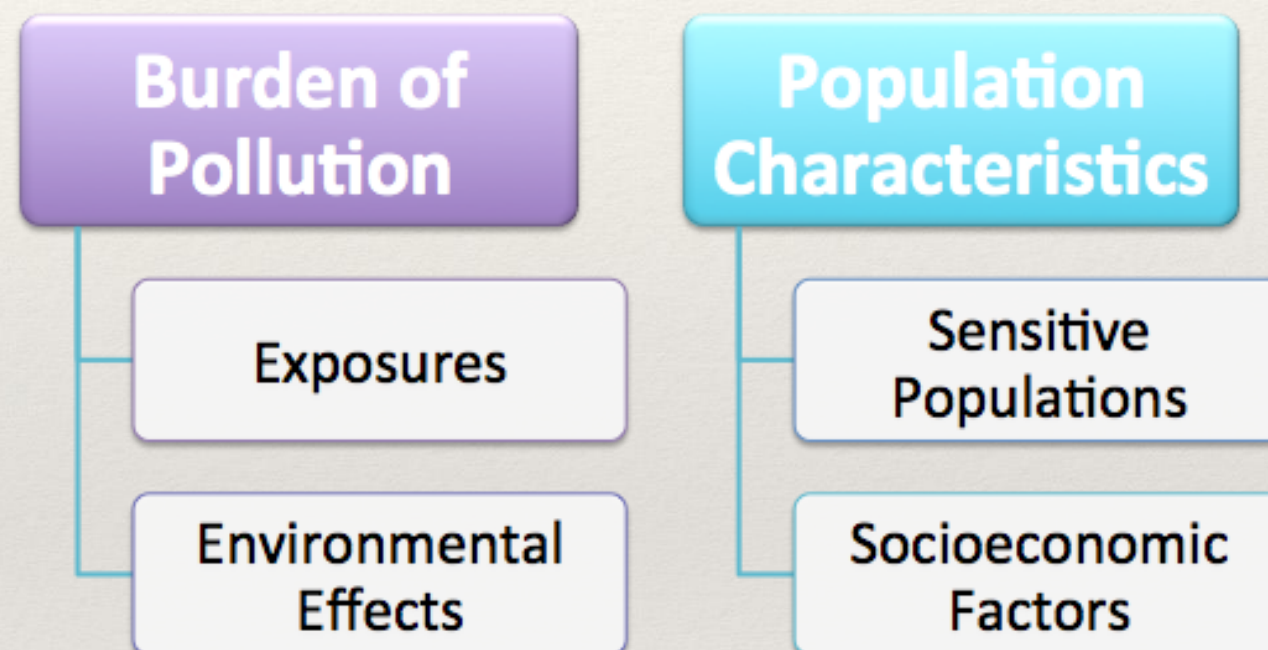
- ***Represent geographic Diversity of CA:***
Sets geographic program targets based on funding levels
- ***Located in disadvantaged communities and non-disadvantaged communities:***
Investments in communities that need renewable energy and investments in areas most in need.



Disadvantaged Communities Targeting

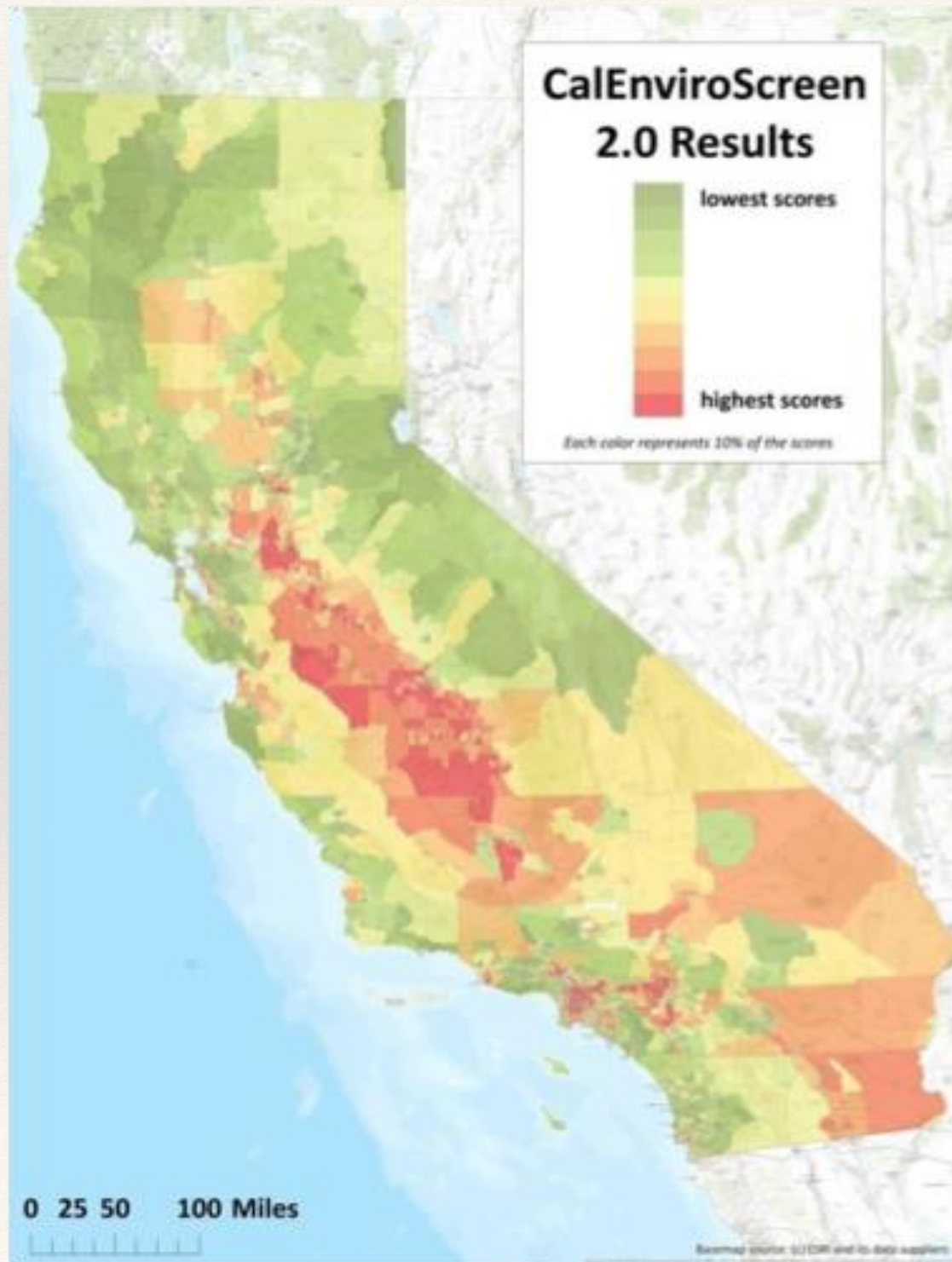
CalEnviroScreen (CES):

- Comprehensive set of community indicators that scores most impacted census tracts in need
- Top 25% most impacted census tracts in CalEnviroScreen





CalEnviroScreen Model



- Funding allocations = 30% overall for DACs
- CES in IOU jurisdictions
Statewide vs. CES IOU
service territory



Non-Disadvantaged Communities Considerations

- ***Communities and households*** outside CalEnviroScreen census tracts
- ***Low-income:***
 - Most financial barriers
 - 80% of tenants have income at or below 60% of AMI





Other Targeting Considerations



- Distribution across urban, suburban, and rural communities
- Both multifamily building owners and tenants benefit
- All counties within CA benefit from program

LOCAL HIRING



FOCUS ON THREE PRINCIPLES

- ❖ *Data Collection*
- ❖ *Job Placement*
- ❖ *Career Pathways*



Local Residency

- ❖ “Individual residing in the same county as the project or individual hired from a job-training organization located in the same county as the project”
- ❖ Prioritize hiring from three worker pools:
CalEnviroScreen-designated disadvantaged communities, low-income communities, disadvantaged workers
- ❖ Disadvantaged worker definition from San Francisco Local Hiring Policy for Construction: homeless, single parent, no GED/diploma, public assistance, or criminal record



❖ **Data Collection Requirement**

- ❖ Work-hours by categories: local, disadvantaged, minority, women
- ❖ Job retention
- ❖ Wages and benefits
- ❖ Type of hiring policy
- ❖ Employee travel time

❖ **Reporting System Needs**

- ❖ Certified Payroll
- ❖ Flexibility in tracking different local hiring policies, particularly HUD alignment



Focus on Job Placement

- ❖ Job training req's exist in SASH/MASH, creating a pool of workers
- ❖ Actual job placement essential for long-lasting economic benefits to DAC's
- ❖ Proactive reach is key to local workforce investment boards and job-training organizations

Career Pathways

- ❖ Prevailing wages
- ❖ Tracking of workers

Three-year Report to Commission

PROGRAM ADMINISTRATION

DETERMINING APPROPRIATE STRUCTURE

OPTIONS

- ❖ 3rd Party Administrator or Utility Electrical Corporation

GENERAL FACTORS

- (1) What structure provides best alignment with statutory goals, including addressing barriers of low-income renters and communities?
- (2) Does structure provide sufficient technical capacity to support program requirements?
 - *Program compliance issues*
 - *Specialized needs in DACs and underserved markets*
 - *Multiple program elements and services*
- (3) Is the structure is efficient, consistent, and flexible?
- (4) Are there potential conflicts of interest?

ADVANTAGES

3rd Party Administrator

- ❖ Stronger alignment with program policy goals/mission
- ❖ Greater consistency and coordination
- ❖ Economies of scale for program administration and delivery
- ❖ Capacity for specialized services supporting program delivery
- ❖ Independent trusted authority

Utility Administrator

- ❖ Existing customer relationships
- ❖ Established program structures
- ❖ In-house expertise on marketing, accounting, field services, program evaluation

Findings above contained in ACEEE and LNBL studies of Administrative Structures for energy efficiency programs.

COALITION CONSIDERATIONS

- ❖ **Broad Geographic Diversity and Program Access**
 - 1. *Proportional coverage in DACs*
 - 2. *Statewide geographic diversity of low-income renters*
- ❖ **Reduces Barriers to Clean Energy and Jobs**
 - 1. *Technical assistance to meet specialized needs in DACs and underserved areas*
 - 2. *Pathways for job placement*
- ❖ **Promotes Comprehensive Energy Solutions**
 - 1. *Technical support for energy investments*
 - 2. *Integration of energy efficiency, PV, and energy storage*
- ❖ **Safeguards Program Participants and Ratepayers**
 - 1. *Consumer protection to mitigate financial risks*
 - 2. *Ongoing alignment of costs with incentives*
 - 3. *Ongoing verification of tenant benefits*

COALITION ASSESSMENT

- ❖ 3rd Party Administration offers overwhelming advantages.
- ❖ Established CA solar program structure does not provide technical support and assistance, integrate energy efficiency program with solar installations, or have protocols to administer some of the mandatory requirements.
- ❖ Statewide administration is preferable for developing and implementing coordinated strategies to serve DAC and meeting geographic diversity goals.
- ❖ Statewide administration provides consistent requirements and can effectively provide approaches for meeting local hiring objectives, integrating and leveraging energy programs, and safeguarding public trust.

EXISTING MODELS

- ❖ California Low Income Weatherization Program (www.csd.ca.gov/Services/LowIncomeWeatherizationProgram.aspx)
 1. *Statewide program targeting DACs*
 2. *Cap & Trade funded*
 3. *Solar PV plus energy efficiency integrated into program delivery*
 4. *Technical assistance is essential to affordable housing market segment and can be effectively delivered to facilitate energy investments*
 5. *Intermediary is effective approach for leveraging energy efficiency program and resources*
- ❖ Other Notable Programs:
 - Energy Trust of Oregon (www.energytrust.org)
 - New Jersey Clean Energy Program (www.njcleanenergy.com)

RECOMMENDATIONS

- ❖ Adopt 3rd Party Administrator model similar to LIWP.
- ❖ Implement program through RFQ/RFP similar to approach used by CSD to statewide program for multifamily affordable housing.
- ❖ Include nonprofit organizations representing program beneficiaries on Advisory Committee to develop selection criteria.

Thank you for attending our webinar

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Part 2 – Thursday, September 29

Join us for Part 2 of this webinar series on Thursday, September 29, 2-3pm ET / 11am-12pm PT.

Guest speakers will be:

- Maria Stamas, National Resources Defense Council
- Wayne Waite, Waite & Associates
- Jim Grow, National Housing Law Project
- Ken Qian, National Housing Law Project

Register for this free webinar at:

<http://bit.ly/CA-Webinar-Part-2>