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Document Title:	Advancing Energy Equity SB 350 Implementation Accomplishments	
Description:	*** THIS DOCUMENT SUPERSEDES TN 229106 *** - Exploring Next Steps Joint Presentations by: Linda Barrera, Kristy Chew, and Rachel Salazar, California Energy Commission; Nora Hawkins, Tory Francisco, Sarah Sharpe, and Jason Symonds, California Public Utilities Commission; Chuck Belk, California Department of Community Services and Development; Deana Carrillo, California Alternative Energy and Advanced Transportation Financing Authority; Shrayas Jatkar, California Workforce Development Board	
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Joint Agency Workshop

Advancing Energy Equity

SB 350 Implementation Accomplishments

Exploring Next Steps

July 30, 2019





Workshop Objectives

1

Report on the implementation status of the recommendations in the SB 350 Low-Income Barriers Study Part A and B

2

Explore additional actions and strategies moving forward to advance energy equity in low-income and disadvantaged communities

3

Discuss emerging energy equity topics in clean energy and transportation

SB 350

The Clean Energy and Pollution Reduction Act of 2015

SB 350

Requires CEC and CARB to ...

1

Explore barriers and opportunities to expand low-income residents' access to energy efficiency, renewable energy, and clean transportation

2

Provide recommendations on how to increase access

SB 350 Low-Income Barriers Study: Part A Findings

California Energy Commission COMMISSION FINAL REPORT

Low-Income Barriers Study, Part A: Overcoming Barriers to Energy Efficiency and Renewables for Low-Income Customers and Small Business Contracting Opportunities in Disadvantaged Communities

California Energy Commission

7 2016 | CEC-200-2018-008-CMF



Structural Barriers

- Low home ownership rates
- Complex needs, ownership, and financial arrangements for low-income multifamily housing
- Insufficient access to capital
- Building age
- Remote or underserved communities
 - High heating / cooling costs
 - Limited access to utility efficiency programs

Program / Policy Barriers

- Market delivery
- Program integration
- Data limitations
- Unrecognized non-energy benefits

Final CEC Barriers Report: <u>https://efiling.energy.ca.gov/getdocument.aspx?tn=214830</u>

SB 350 Low-Income Barriers Study: Part A







Recommendations

Agency Leads

Develop an action plan on improving opportunities for EE, RE, demand response, energy storage, and EV infrastructure for multifamily housing (1.d) ... CEC Enable community solar advantages (2)CPUC, CSD Develop workforce development partnerships (3)CWDB Establish common metrics; collect and use data across programs (5)CEC Expand PV and solar thermal opportunities (6) CPUC, CSD Deploy regional one-stop-shop pilots (8) CEC, CPUC, CARB Heighten consumer protection (9)CPUC Direct funding for CBO collaboration (10) CEC, CPUC, CARB Increase R&D program benefits (11)CEC

Develop an action plan on improving opportunities for EE, RE, demand response, energy storage, and EV infrastructure for multifamily housing



Actions Completed

- Completed and adopted the "Clean Energy in Low-Income Multifamily Buildings (CLIMB) Action Plan" (Nov 2018)
- Launched the Building Energy Benchmarking Program Multifamily component (June 2019)
- Collaborated to produce UC Berkeley's CLEE "Low-Income, High Efficiency" Report (June 2019)

Outcomes & Benefits

- Identified Lead and Co-lead agencies to implement specific strategies
 advancing clean energy in low-income multifamily buildings
- Successful interagency collaboration to connect multifamily-related programs, share data, and improve program delivery

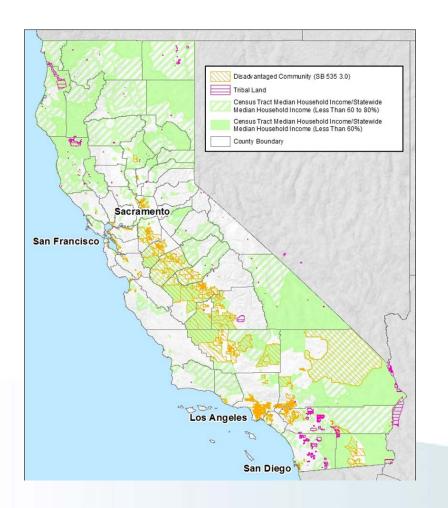
Develop an action plan on improving opportunities for EE, RE, demand response, energy storage, and EV infrastructure for multifamily housing





- Next Steps
 - Continue to engage with state partners on current multifamilyrelated program activities (CLIMB Strategy 4.3.1)
 - Implement multifamily building energy benchmarking activities (CLIMB Strategy 2.1.3)

Establish common metrics; collect and use data across programs



Actions Completed

• Published the Energy Equity Indicators report and interactive on-line mapping tool. (June 2018)

Examples of Energy Equity Indicators and Metrics:

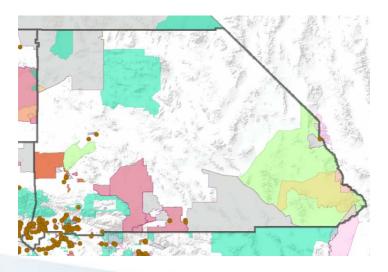
- Statewide Median Household Income
- Buildings Construction Year (Investments)
- Electricity Billing Data (Access)
- Location of Net Energy Metering & Self-Generation Incentive Program Accounts (Access, Investments)
- Location of Zero Emission Vehicles Registrations (Access)
- Location High Rates of Asthma and Heat-Related Illness (Resilience)

https://ww2.energy.ca.gov/sb350/barriers_report/equity-indicators.html

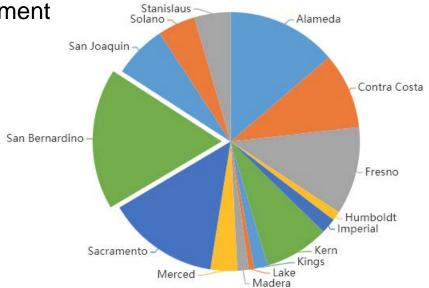


Establish common metrics; collect and use data across programs

- Outcomes & Benefits
 - Energy program leads can use this tool to identify areas to target programs to reach more low-income and disadvantaged communities
 - Data shows areas & opportunities for outreach and investment



Low-income areas w/ older homes, low building energy efficiency, low PV, and low EV rebates



Emergency Room Rates Due to Asthma, by County (2015)

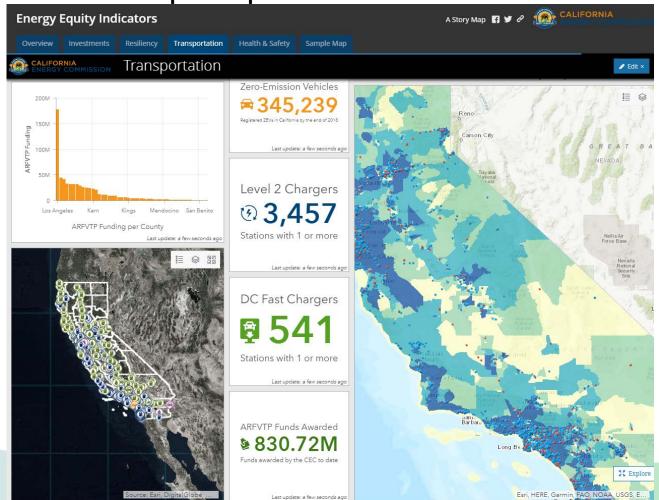


Establish common metrics; collect and use data across programs

Next Steps

- Update the 40+ metrics and identify new energy equity metrics.(Fall 2019)
- Improve the online data visualization tools. (Fall 2019)
- Work with energy program leads and stakeholders to increase tool utility. (Fall 2019)
- Publish updated Energy Equity Indicator report. (Spring 2020)

Example of Updated Data Visualization Tools





Increase R&D program benefits



Rec. 11.a. The CEC's Electric Program Investment Charge (EPIC) should target a minimum of 25% technology demonstration and deployment (TD&D) funding for sites located in disadvantaged communities.

AB 523 codified this recommendation and added the following requirements: 1) minimum 10% TD&D funding for low income communities; and 2) evaluate local health impacts of proposed projects.

Actions Completed

- Implemented community engagement and outreach plan.
- Created funding set-asides for disadvantaged communities in TD&D solicitations.
- Held public workshops on AB 523 implementation.
- Developed new Scoring Criteria for EPIC demonstration projects.

Increase R&D program benefits

Outcomes and Benefits

EPIC TD&D cumulative funding:

- ~31% funding for sites in disadvantaged communities
- ~34% funding for sites in low income communities

Project Highlights:

- Solar + project for multi-family housing (Willowbrook)
- Energy efficiency retrofit packages for multi-family housing (Fresno/Ontario)

Next Steps

- Implement new Scoring Criteria in upcoming TD&D solicitations
- Continue to provide funding set-asides for low income and disadvantaged communities, where applicable





Increase R&D program benefits

Rec. 11.b. CEC R&D programs should conduct forums to share best practices and case studies on current projects located in disadvantaged communities.

- Actions Completed
 - 2018 & 2019 EPIC symposiums included panel sessions discussing projects in disadvantaged and low-income communities
 - CEC awarded a new 3-year contract to conduct technical transfer activities for EPIC Program - includes forums on results from EPIC projects that support vulnerable communities

Next Steps

 Work with internal/external stakeholders to identify potential forum topics





Increase R&D program benefits



Rec. 11.c. CEC should analyze potential business models that would create market opportunities for emerging clean energy technologies to be deployed in a manner that directly benefits low income and disadvantaged communities.

- Actions Completed
 - CEC directed Navigant Consulting to evaluate different business models/market opportunities for disadvantaged and low income communities
 - Final Report provided 13 recommendations, grouped into 3 critical areas for success:
 (1) outreach, (2) funding/infrastructure, and (3) execution
- Next Step
 - Make Navigant's final report publicly available on CEC website

Increase R&D program benefits



Rec. 11.d. CEC should sponsor prize competitions and challenges to spur novel ideas and solutions for bringing clean energy technologies to low income and disadvantaged communities.

- Actions Completed
 - Established design-build competitions called EPIC Challenges
 - 1st EPIC Challenge sought innovative ideas to create advanced energy communities
- Outcomes and Benefits
 - Lancaster Project will deploy 2 all-electric zero net energy affordable housing microgrids, and 3 renewable microgrids at Lancaster schools
 - The microgrids and other distributed energy resources will be connected and managed through a virtual power plant software platform
- Next Step
 - Release next EPIC Challenge prize competition in late 2019: Reimagining Affordable Mixed-Use Development in a Carbon-Constrained Future.
 - All projects sites are required to be located in a disadvantaged and low-income communities

Enable community solar advantages

- Actions Completed
- Community Solar Green Tariff Program (CSGT) (June 2018)
 - CSGT Program Parameters:
 - Eligibility: Residential customers in DACs, ≥ 50% low-income
 - Location: In DACs, close to customers who subscribe
 - Project ownership: PPA between developer and IOU
 - CSGT Program Updates:
 - Utilities' tariffs approved with modification June 3, 2019
 - Capacity caps established, with some capacity reserved for Community Choice Aggregators (CCAs):

✓ PG&E: 18 MW, SCE: 18 MW, SDG&E: 5 MW



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CPUC: Barriers Recommendation 2

Enable community solar advantages

Benefits - Community Solar Green Tariff Program

- Procures 100% renewable energy and provides customers 20% rate discount
- Community engaged in project development process
- Next Steps
 - Utilities are developing program budgets; marketing, education, and outreach (ME&O) plans; and project solicitation documents
 - A stakeholder workshop will be held to discuss CCA program implementation questions





Expand PV and solar thermal opportunities

Actions Completed

Disadvantaged Communities Green Tariff Program (DAC-GT) (June 2018)

- DAC-GT Program Parameters:
 - Eligibility: Low income, residential customers in DACs
 - Location: Any DAC within IOU's service territory
 - Project ownership: PPA between developer and IOU
- DAC-GT Program Updates:
 - Utilities' tariffs approved with modification June 3, 2019
 - Capacity caps established, with some capacity reserved for Community Choice Aggregators (CCAs):

✓ PG&E: 70 MW, SCE: 70 MW, SDG&E: 18 MW



Expand PV and solar thermal opportunities

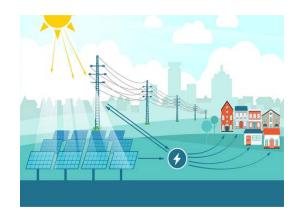
Benefits - Disadvantaged Communities Green Tariff Program

 Procures 100% renewable energy and provides customers 20% rate discount

Next Steps

- IOUs are developing program budgets; ME&O plans; and project solicitation documents
- A stakeholder workshop will be held to discuss CCA program implementation questions







Expand PV and solar thermal opportunities



Actions Completed

Disadvantaged Communities Single-family Solar Homes Program (DAC-SASH) (June 2018)

- DAC-SASH Program Parameters:
 - Eligibility: Low income, owner-occupants of single-family homes in DACs
 - Incentive: \$3.00/watt for rooftop systems 1 kilowatt 5 kilowatts
 - Funding: \$10 M per year. Program will operate 2019-2030
- DAC-SASH Program Updates:
 - GRID Alternatives selected as statewide program administrator



Expand PV and solar thermal opportunities



Benefits - Disadvantaged Communities Single-family Solar Homes Program

- No cost rooftop solar system installed
- Energy efficiency education
- Workforce development opportunities
- Next Steps
 - Once the DAC-SASH Handbook and Program Implementation Plan are approved, the program will officially launch





Expand PV and solar thermal opportunities

Actions Completed

Solar on Multifamily Affordable Housing Program (SOMAH) (December 2017)

- Non-profit SOMAH Program Administrator team selected in April 2018
- SOMAH Program Parameters:
 - Eligibility: Deed-restricted low-income housing, 5+ units, 80% of tenants have incomes at or below 60% of the AMI or property is in a DAC, not master-metered, and be an existing building or retrofit (with Certificate of Occupancy)
 - Incentive: \$0.60 \$3.20/watt depending on tax credit funding and tenant/common area allocation
 - Funding: \$100M per year, of which roughly \$90M is for incentives. Program will likely operate 2019-2030
- SOMAH Program Updates:
 - Formal program launch July 1, 2019 the online portal for SOMAH contractors and property owners opened for program applications
 - By close of business on July 1, 2019, the program was fully subscribed in SDG&E, SCE and PG&E service territories





CPUC: Barriers Recommendation 6 Expand PV and solar thermal opportunities

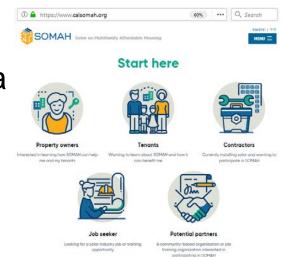
Benefits - Solar on Multifamily Affordable Housing Program

- Provides incentives to substantially reduce the cost PV installations for affordable housing
- Supports economic growth and workforce development via paid on-site training requirements
- Provides tangible bill benefits to tenants via virtual net metering bill credits

Next Steps

 Incentive funding (sourced from the IOUs' 2019 cap-andtrade program proceeds) will be replenished once the IOUs' 2020 ERRA/ECAC Forecast Updates are approved by the Commission







Actions Completed

San Joaquin Valley Disadvantaged Communities Pilot Projects

- Pilot projects approved for 11 San Joaquin Valley disadvantaged communities
- Projects will replace propane and wood burning appliances with either natural gas or all electric appliances



CPUC: Barriers Recommendation 6 Expand PV and solar thermal opportunities

- Benefits San Joaquin Valley Disadvantaged Communities Pilot Projects
 - Provide clean, affordable energy to disadvantaged households while improving their health, safety, and comfort
 - Gather data to help inform the feasibility of scaling the program

Next Steps

- Review and finalize pilot details
- Begin outreach and education to community members
- Installation of appliances in participating homes





Heighten consumer protection

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- Actions Completed
 - <u>CTA</u>
 - February 2018: Core Transport Agents Decision to establish registration requirements and citation program
 - <u>NEM</u>
 - October 2018: Net Energy Metering (NEM) Consumer Protection Decision that 1) establish solar info packet, and 2) requires Solar Providers to submit valid CSLB license + solar disclosure documents
 - November 2018: Joint Government Solar Task Force launched with: (Official MOU signed March 2019)



Heighten consumer protection



Benefits

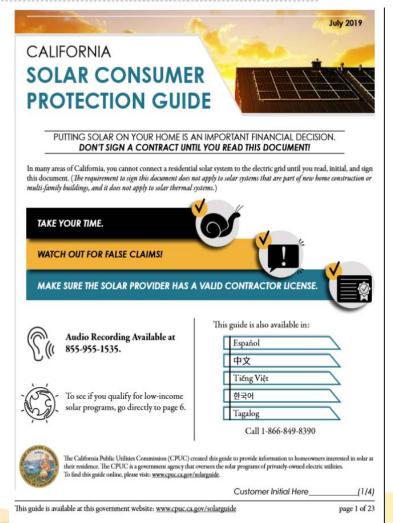
- Improved coordination between government agencies on customer complaint monitoring, data collection and enforcement
- Targeted communications/outreach from government agencies to vulnerable communities, with industry and stakeholder engagement
- Potential solar customers receive more transparent information about going solar *before* signing a contract



Heighten consumer protection

Next Steps

- Release "California Solar Consumer Protection Guide" in 5 languages and audio on August 30, 2019
- Develop standardized inputs and assumptions for electric bill savings for solar customers with stakeholder input
- Consider enhanced NEM consumer protections ideas
- Monitor the Alternative Energy Provider complaints (for both NEM and CTAs) filed with the Consumer Affairs Branch





CPUC: Current Status of ESA

Goal to treat all willing and eligible households by end of 2020

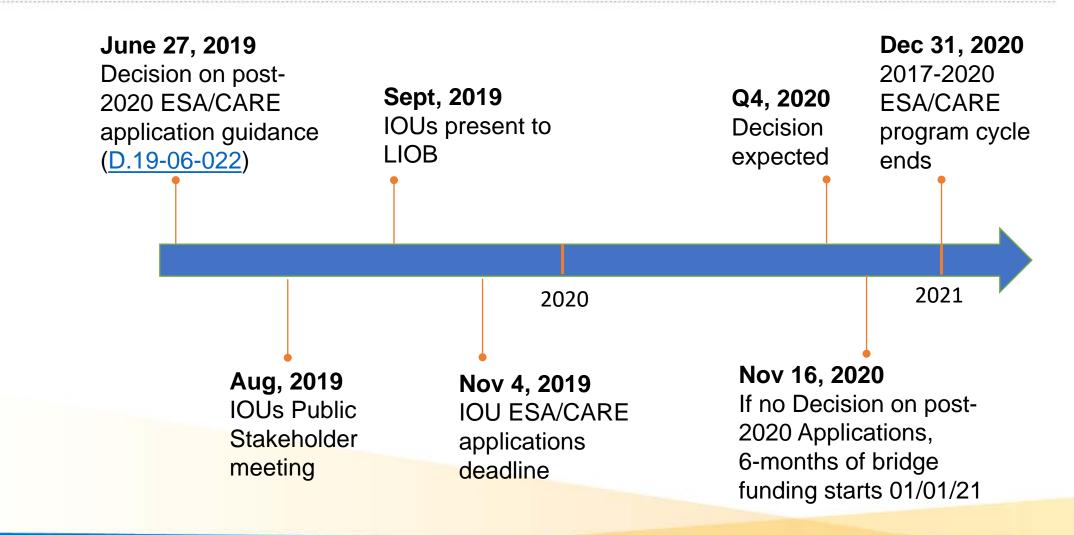
~3.8m first-time treated households since 2002, aiming for ~4.5m by 2020

Average annual treatment goal: 370,000 households/yr Annual Budget: \$498m/yr





CPUC: Next steps for ESA post-2020





CPUC: Future of ESA and Energy Equity

Innovative ideas for deeper energy savings, <u>and</u> health, comfort and safety impacts

Household-level savings goals, not just total treated households

Higher participation rates for disadvantaged communities, hard-to-reach and tribal populations

Expand multi-family to include whole building

CSD: Barriers Recommendations 2 & 6



- The Department of Community Services & Development (CSD) administers several lowincome energy assistance programs providing various services to address energy needs for low-income households.
- Low-Income Weatherization Program (LIWP) funded by California Climate Investments (Cap-and-Trade), reduces greenhouse gas emissions (GHG) and household energy costs through installation of EE and PV systems.

- LIWP Overview:

Component	Funding	Status
Community Solar Pilot	\$4.4M	Pilot – Full Implementation 6/2021
Multi-Family EE & Renewables	\$54.4M	Continuing thru mid-2021
Single Family EE and SPV - Farmworker Housing	\$10.2M	Newly implemented - thru December 2020
Single Family EE & SPV	\$121.0M	Services suspended – pending additional appropriation

Enable community solar advantages

Actions Completed

1) Community Solar Demonstration Pilot

- Objective to lower energy costs and bring benefits of renewable energy to low-income residents unable to benefit from existing LI solar programs (renters, unsuitable roofs, etc.)
- After extensive stakeholder engagement and competitive procurement received 7 proposals
- Awarded only 2 projects (total of \$4.4M) due to limited funding available for the pilot
 - Richmond Port Community Solar Project Richmond, CA \$2.38M
 - Santa Rosa Band of Cahuilla Indians Santa Rosa Tribal Lands, CA \$2.05M
- Contracts executed for both projects with GRID Alternatives in April 2019





Enable community solar advantages



- Benefits & Outcomes Community Solar Demonstration Pilot
 - Richmond Port Community Solar Project Contra Costa County
 - Array Size: 989 kW (Carport mounted system at Port of Richmond City owned)
 - Benefits: 155 low-income households (80 95% Affordable Housing Residents)
 - Offset approx. 75% of typical renter electric costs (Distributed thru off-bill mechanism)
 - Santa Rosa Band of Cahuilla Indians Riverside County
 - Array Size: 994 kW (Ground mounted on Santa Rosa Tribal Lands).
 - Benefits: 38 homes located on tribal lands and 150 250 other LI households served by Anza Electric Cooperative
 - Reduce household electric energy costs by at least 50% (Bill credits)
 - WFD Co-Benefits Paid Solar installation training at each project
 - Specific local hiring and prevailing wage requirements will be utilized (7 paid trainees at each site)

Enable community solar advantages



Next Steps - Community Solar Demonstration Pilot

- Construction scheduled to commence in early 2020
- Energy savings benefits of CS projects expected to start in 2nd quarter 2021
- CSD will conduct a comprehensive evaluation to assess whether community-focused models can serve as another investment pathway to channeling LIWP solar investment opportunities to lowincome disadvantaged communities
- Opportunity to share data/lessons learned with CEC, CPUC, others

Expand PV and solar thermal opportunities

Actions Completed 1) Multi-Family EE and Renewables

- Launched in early 2016 funding awarded to date \$54.4M
- Specifically targets Disadvantaged Communities and properties within ½ mile radius
- Primary objective reducing GHG emissions/Energy usage focused on deep energy retrofit measures paired with solar PV (Comprehensive/Integrated)
- Requires H&S issues be remediated by owner prior to services
- Single Point of Contact/One-Stop-Shop Technical Assistance
- Energy Modeling Approach Flexibility No set menu of qualified measures
- Continued Innovation Electrification (Heat Pump Heating, Cooling, H20 Heating) integrated with solar PV
 - Nearing net zero performance in some buildings
- Aligns well with other incentive programs leveraging (utility and other programs) helps to expand retrofit scopes





Expand PV and solar thermal opportunities



Benefits & Outcomes - Multi-Family EE and Renewables

- Property Assessment/Energy Modeling Analysis
 - 15% minimum energy usage reduction below existing conditions required
 - 25% energy usage reduction below existing conditions required if utilizing leveraged funding
- Average 40% site energy savings across all properties to date
- Fifty-three (53) Properties Served more than 5,900 HHs
 - \$22.8M Direct Program Expended to date
 - Projected energy savings \$43M (over first 15 years)
 - Projected 91,150 MTCO2e reduced (over first 15 years)
- Greater incentives paid for measures that directly reduce tenant energy bills
- Helps preserve affordable housing resources in LI and Disadvantaged Communities



Next Steps - Multi-Family EE and Renewables

- Outreach and enrollment have been scaled-down due to reduced funding
- Fully subscribed (Approx. 180 projects on waiting list)
- Implementing Funding Agreements with IOUs (in-unit measures) may help stretch LIWP MF \$'s further
- LADWP Discussing opportunities to leverage available MF \$'s.
- Estimate current funding will provide energy retrofits / upgrades to approximately 100 additional projects (between 7 – 10K units) through mid-2021
- Focus on completing additional projects and fully expending remaining funds by 6/2021 - Uncertainty of Cap-and-Trade funding after that date

Expand PV and solar thermal opportunities

CSD Value Tool

Actions Completed (cont'd)

2) Single Family EE and Solar PV - Farmworker Housing

- New LIWP program component modified program design - targeting services to areas with highest farmworker populations
- Two regions (12 counties)
- Increased H&S and structural repair services
- Contracts awarded in May 2019 (\$10.5M Total) to La Cooperativa Campesina de California
- Outreach underway Services begin August 2019



Expand PV and solar thermal opportunities



- Benefits & Outcomes Single Family EE and Solar PV Farmworker Housing
 - \$5.25M awarded in each 6-county region
 - Project approx. 350 homes EE services each region
 - Project approx. 65 homes Solar PV each region
 - Program innovation:
 - Integrated EE and solar PV Deep energy retrofits and savings
 - H&S and Structural Repair included (Age & Condition of homes)
 - Fuel switching Electrification Propane appliances coupled with solar PV
 - Outreach Strategy
 - Utilizing trusted community partner La Cooperativa Familiar to farmworker families
 - Co-Benefits Wraparound services (Food distribution, rental assistance, other)



Next Steps - Single Family EE and Solar PV - Farmworker Housing

- Farmworker program ends December 2020 limited duration of program
- Uncertainty surrounding future allocations of CCI/Cap-and-Trade funding
 - Program could be augmented/extended with additional funding if available
- Energy Monitoring Pilot Tracking pre and post energy usage data for homes sample of homes and job types
 - Data available to both CSD and home occupants
- Quality Assurance CSD will be inspecting early in program to ensure benefits of program align as designed

Develop energy upgrade financing pilot programs

CA Hub for Energy Efficiency Financing (CHEEF)

- Authorized by the CPUC, designed to leverage private capital and reduce the upfront financing barriers of energy efficiency retrofits (credit enhancement, coordinated marketing)
- Targets: Residential, Affordable Multifamily, and Small Business markets
- Tests On-Bill Repayment (OBR) of private capital for public buildings
- Each pilot has a 2-year term and will be evaluated
- Designed to leverage (but not require) IOU/REN/CCA incentives
- Actions Completed

1) Residential Energy Efficiency Loan Assistance Program (REEL)

- Established in 2016, revamped in 2018 to remove structural barriers
- Currently in its evaluation phase







Develop energy upgrade financing pilot programs

Actions Completed (cont'd)

2) Small Business Financing Program

- Soft launch in April 2019; full program launch in Fall 2019
- □ Program rules adopted in June 2019; 3 lenders enrolled
 - Eligibility: 100 or fewer employees, or annual revenue of less than \$15 million, or meets SBA lending requirement
 - Renters OK not restricted to property owners
 - > Supports loans, leases, energy savings/service agreements (cash flow-positive)
 - > Quick approval, 100% financing, \$10,000-\$5,000,000

3) Affordable Multifamily Energy Efficiency Financing Program

- □ Program rules adopted in May 2019; currently enrolling lenders
 - > For properties >50% of units are income-restricted; 5+ units
 - Flexibility with AMF debt stack; service/savings agreements
 - In-unit and common space retrofits allowed
 - Integrates with IOU/REN/CCA, LIWP, SOMAH rebates and incentives



Develop energy upgrade financing pilot programs

Benefits & Outcomes of REEL

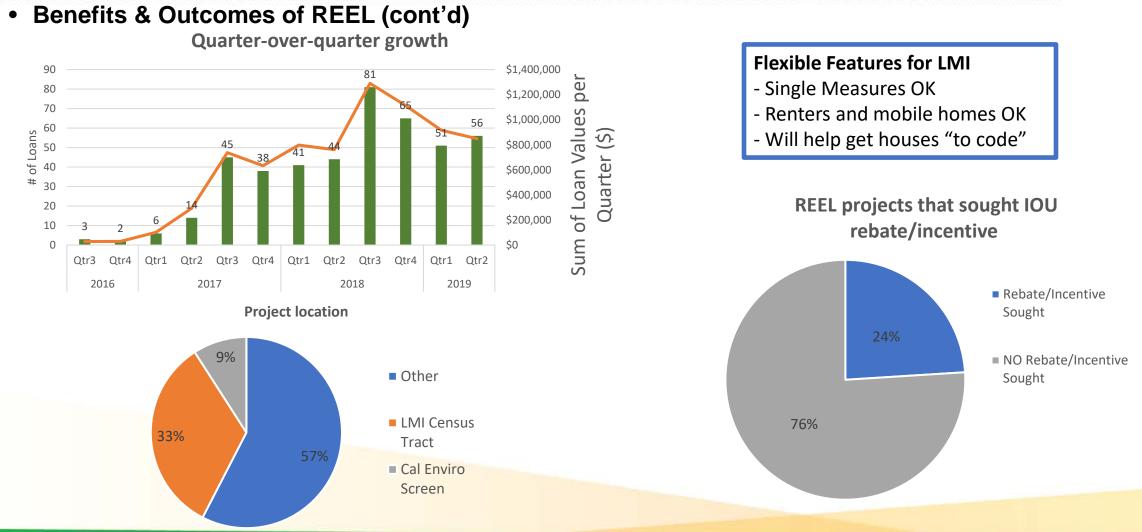
- Private Capital Providers are Entering the Market
 - 7 credit unions participating, 2 statewide lenders
 - 6 out of 7 lenders are new market entrants
 - Loan range: \$1,500 \$50,000 (average: \$16,916)
- Program Designed to be Accessible
 - 100% financing: no liens, no collateral, no closing costs
 - Lower interest rates (3.9%-9.99%)
 - Lower monthly payments (longer terms)
 - 1/3 of credit enhancement funds targeted to LMI and credit-challenged borrowers
 - Average borrower saves \$1,587
 - Tenants eligible
- Broad Program Uptake
 - 344 contractors enrolled
 - 446 projects across 34 counties (common measures: HVAC, building envelope, water heater)
 - \$7.5 million in private capital leveraged; \$1.07 million in CE can be revolved





Develop energy upgrade financing pilot programs

California Alternative Energy and Advanced Transportation Financing Authority



CAEATFA: Barriers Recommendation 4 Develop energy upgrade financing pilot programs



- Lessons Learned and Policy Tensions
 - Financing programs take time to launch and mature
 - Integrated approach important (e.g., lenders, contractors, marketing)
 - Need flexibility in program design. Lenders don't have the same barriers/territories as IOUs or funding sources (EE only)
 - Design of program will impact the type of lenders and size of capital investment (e.g., retail program vs. origination model vs. secondary market)
 - Lending programs should not target all demographics

CAEATFA: Barriers Recommendation 4 Develop energy upgrade financing pilot programs



Next Steps

CA Hub for Energy Efficiency Financing

- Residential Pilot: EM&V Process Underway; CPUC Evaluation Summer/Fall 2019
- Small Business Pilot: Full Program Launch in Fall 2019 (2-year program)
- Affordable Multifamily Pilot: Lender Enrollment, Program Launch (2-year program)
- Add OBR functionality to Small Business and AMF Pilots (2020)
- Public Building (OBR only) will not be launched before end of 2019 (CPUC timetable)

Expansion of Pilots

• Identify a "neutral" funding source to:

Expand pilots beyond IOU territory

- Enable comprehensive measures beyond EE: Solar, ZEV Infrastructure, Storage, Health and Safety
- Explore other funding structures (e.g., originator model, subordinated capital)
- Explore leveraging the infrastructure of the HUB

CWDB: Barriers Recommendation 3 Develop workforce development partnerships



- Actions Completed
 - Research: AB 398 report
 - Technical assistance: CPUC's Environmental & Social Justice Action Plan
 - Field investments: High Road Construction Careers initiative/Prop 39
- Benefits & Outcomes

Results of Prop 39 investments (2014-2018) in multi-craft construction pre-apprenticeship:

- Over 2,000 people served, mostly individuals with barriers to employment
- Relatively high completion and placement rates
- Developed and socializing best practices

CWDB: Barriers Recommendation 3 Develop workforce development partnerships



Next Steps

CWDB focused on scaling up field investments and technical assistance to sister agencies

- \$75M for High Road Construction Careers
- \$100M for High Road Training Partnerships
- Looking for dedicated funds to scale up interagency collaborations

Comments? Questions?



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