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Clean Energy in Low-Income Multifamily Buildings

Action Plan



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May 30, 2018
California Energy Commission



CLIMB Development

- Characteristics of multifamily sector
- SB 350 Implementation
- What is CLIMB?
- Workshop goals
- Next Steps



Multifamily Housing Segments

- Deed-restricted, serving low-income households
- Market-rate, inhabited by low- or moderate-income households
- Market-rate, household income sufficient to meet rent levels



Multifamily Sector

- 40% of low-income multifamily SCE customers experience energy burden in summer (Indicators)
- 47% of low-income live in multifamily rental housing (Barriers Study)
- 57% of multifamily buildings in CA built in or before 1979 (U.S. Census)
- Programs offered across state agencies are currently not coordinated



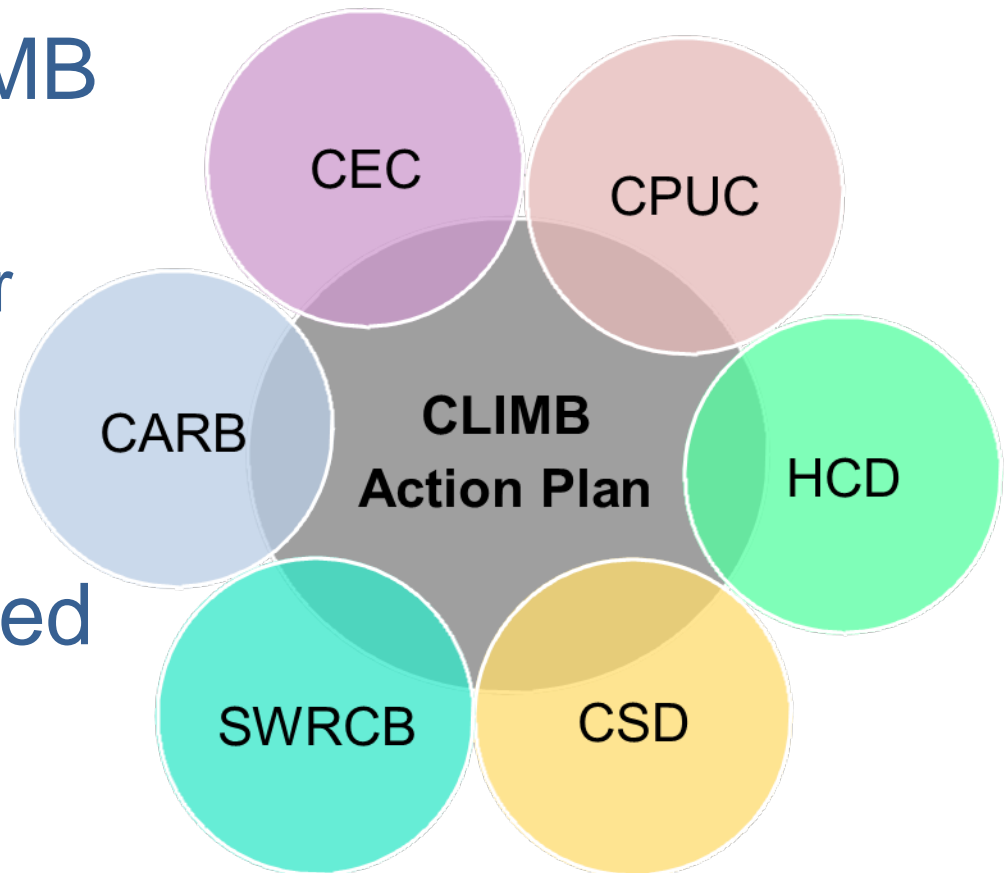
SB 350 Implementation

- Barriers Study recommendation 1.d. – *Develop a comprehensive plan focused on improving clean energy opportunities for multifamily housing*
- Increase energy equity and non-energy benefits
- Support State clean energy, transportation, grid integration, and GHG reduction goals



Multi-Agency Collaboration

- CEC lead on CLIMB Action Plan
 - 5 principal partner agencies
- One-on-one
- meetings completed in March/April





Vision and Benefits

- Vision: increased access to clean energy resources for owners and residents of multifamily buildings
- Benefits of distributed energy resources:

**Cost-
Effectiveness**

**GHG
Reduction**

**Economic
Development**

**Non-Energy
Benefits**

**Utility Bill
Savings**

**Multifamily
Sector
Adoption**

**Energy
Equity**

**Scalability
and
Grid Benefits**



Purpose of CLIMB

- Identify early actions to:
 - Improve existing programs in the multifamily sector
 - Lay the foundation to develop long term solutions



CLIMB Goals



**EXPAND COORDINATION
AMONG EXISTING PROGRAMS**

**DEVELOP A COHESIVE UNDERSTANDING
OF THE MULTIFAMILY MARKET**



**IMPROVE EXISTING AND
FUTURE PROGRAM DESIGN**

**IDENTIFY ADDITIONAL RESOURCES
AND DEPLOYMENT OPPORTUNITIES**



**INCREASE OUTREACH,
AWARENESS, AND ACCESS**



1. Expand Coordination

- Barriers:
 - Lack of uniform qualifying criteria
 - Inconsistent definition of “multifamily”
- Strategies:
 - Efficiently leverage current efforts
 - Align efforts to maximize benefits



2. Understand Multifamily Market

- Barriers:
 - Data limitations
 - Unclear impacts on multifamily buildings and residents
- Strategies:
 - Gather data
 - Determine economic and energy savings potential



3. Improve Program Design

- Barriers:
 - Unintentional program limitations
 - Diverse multifamily market sector
- Strategies:
 - Determine best practices and assess program impacts on the multifamily sector
 - Use data to prioritize implementation actions
 - Expand and improve current programs
 - Support small business and workforce development goals



4. Additional Resources

- Barriers:
 - Funding restrictions
 - Funds limited due to loan underwriting and rent level restrictions
- Strategies:
 - Address financing obstacles
 - Secure state funding
 - Mobilize additional capital



5. Outreach, Awareness, and Access

- Barriers:
 - Mistrust of government or contractors
 - Lack of understanding, capacity, time
- Strategies:
 - Identify and follow successful outreach models
 - Strategic marketing, education, and outreach
 - Ensure consumer protection



Conclusion

- Address multifamily sector challenges
- Coordinate efforts of state agencies, local governments, CBOs, and NGOs
- CLIMB early action to increase:
 - Clean energy in multifamily buildings
 - Access to clean energy benefits for low-income residents
 - Energy efficiency savings
 - GHG reductions



Stakeholder Feedback

- Additional barriers to consider?
- Strategy timeline appropriate?
- How to best work with local governments, NGOs, and CBOs?



Next Steps and Upcoming Events

- Public comments due June 13
- Finalize CLIMB in August
- Aug. 29: SB 350 Barrier “Results” Workshop
- Sept. 12-14: Global Climate Action Summit



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