

DOCKETED

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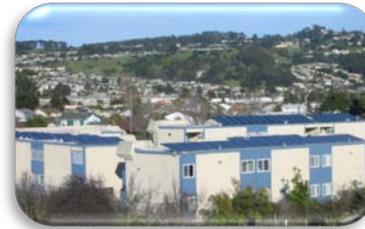
“Low-Income Barriers Study, Part A: Overcoming Barriers to Energy Efficiency and Renewables for Low-Income Customers and Small Business Contracting Opportunities in Disadvantaged Communities”.





SB 350 Barriers Study Requirements

- **Renewable energy**
- **Energy efficiency and weatherization investments**
- **Contracting opportunities for small businesses**
- **Clean transportation access**





SB 350 Barriers Study Process

➤ Literature Review

100+ articles

➤ Community Meetings

7 meetings, 150+ participants

➤ Technical Public Workshops

Agencies, Industry, Advocates



BARRIERS:

- **Structural Barriers**
- **Policy and Program Barriers**
- **Small Business Barriers**



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**



PROGRAM/POLICY BARRIERS:

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



SMALL BUSINESS BARRIERS:

- **Lack of access to information**
- **Technical assistance and workforce development needs**
- **Lack of access to financial resources**
- **Lack of access to support, opportunity**



PRINCIPAL RECOMMENDATIONS:

- **Establish a coordinating task force**
- **Enable the economic advantages for community solar**
- **Strategize on effective green workforce and education goals in disadvantaged communities**
- **Continue developing a series of energy upgrade financing pilot programs**
- **Collaboration to establish common metrics and collect and use data systematically across programs**



ADDITIONAL RECOMMENDATIONS:

- **Expand opportunities for renewable energy**
- **Enhance affordable housing tax credits/credit enhancements supporting clean energy upgrades**
- **Establish a pilot program for multiple regional one-stop shops**
- **Heightened consumer protection**
- **Collaboration with qualified CBOs**
- **Research, development, demonstration, and market facilitation programs include targeted benefits**
- **In-depth study to increase contracting opportunities**



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CALIFORNIA ENERGY COMMISSION

RESOLUTION NO: 16-1214-08

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

[PROPOSED] RESOLUTION

WHEREAS, the Clean Energy and Pollution Reduction Act of 2015 (de León, Chapter 547, Statutes of 2015) added Section 25327 to the Public Resources Code, which requires the Energy Commission to complete and publish, by January 1, 2017, a study that explores the barriers to and opportunities for expanding low-income residents' access to energy efficiency, weatherization, and renewable energy, including photovoltaic energy generation, as well as barriers to contracting opportunities for local small businesses in disadvantaged communities (the Barriers Study); and

WHEREAS, throughout the spring and summer of 2016 the Energy Commission conducted workshops and meetings with community-based organizations to solicit input on the scope of the Barriers Study; and

WHEREAS, on September 9, 2016, Staff of the Energy Commission published for public review and comment a Draft Staff Report of the Barriers Study, entitled *A Study of Barriers and Solutions to Energy Efficiency, Renewables and Contracting Opportunities Among Low-Income Customers and Disadvantaged Communities*; and

WHEREAS, the Energy Commission held a public workshop on the Draft Staff Report of the Barriers Study on September 9, 2016; and

WHEREAS, on October 21, 2016, Staff of the Energy Commission published for public review and comment Staff Draft Recommendations for the Energy Commission's Barriers Study; and

WHEREAS, on December 1, 2016, the Energy Commission published a Revised Staff Draft Report of the Barriers Study, entitled *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*, and provided notice of proposed adoption of the Revised Draft Staff Report of the Barriers Study by the Energy Commission on December 14, 2016.

THEREFORE BE IT RESOLVED, that the Energy Commission adopts the *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*, with all changes to the document presented to the Energy Commission reflected; and