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<td><strong>Project Title:</strong></td>
<td>SB 350 Barriers Report</td>
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<td><strong>Document Title:</strong></td>
<td>Presentation - SB 350 Low-Income Barriers Study Business Meeting - 12-14-16</td>
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<td><strong>Description:</strong></td>
<td>SB 350 Low-Income Barriers Study presentation provided at the December 14, 2016 Business Meeting (Agenda Item # 8)</td>
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<td><strong>Filer:</strong></td>
<td>Michael Sokol</td>
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<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
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<td>Commission Staff</td>
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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
ACKNOWLEDGEMENTS

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Parin Shah
Amee Raval
Sydney Fang
Jing Jing He

BayREN
Gerald Lahr

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Ross Nakasone

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Eddie Ahn

Energy Commission
Kevin Barker
Emilio Camacho
Rhetta DeMesa
Bryan Early
Jennifer Nelson
Eunice Murimi
Galen Lemei

California Air Resources Board
Ashley Dunn

California Association of Realtors
Jennifer Svec

California Department of Community Services and Development
Chuck Belk
Linné Stout
Jason Wimbley

California Environmental Justice Alliance
Strela Cervas

California Environmental Protection Agency

California Environmental Conservation Options
Dahlia Moodie

California Workforce Development Board
Tim Rainey
Sarah White
Robin Purdy

Center for Community Action and Environmental Justice
Graciela Larios
Michele Hasson
Ericka Flores

Center for Sustainable Energy
Stephanie Wang

Clean Energy Works
Holmes Hummel

CleanPath Ventures
Matt Cheney

Community Energy Services Corporation
Martin Bond

Communities for a Better Environment
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Dilia Ortega
Darryl Molina Sarmiento

El Dorado County Water Agency
Ken Payne

Energy Conservation Options
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Energy Efficiency Council
Allan Rago
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Enervoe
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Environmental Defense Fund
Jayant Kairam

Everyday Energy
Scott Sarem

GREEN-Energy Efficiency for All
Stephanie Wang

Greenlining Institute
Sekita Grant
Stephanie Chen

GRID Alternatives
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California Municipal Utilities Association
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California Solar Energy Industries Association
Bernadette Del Chiaro

California Alternative Energy and Advanced Transportation Financing Authority
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Bettina Redway

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Philip Young
## ACKNOWLEDGEMENTS

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<td>Strategic Concepts in Organizing and Policy and Education/RePower LA</td>
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<td>Lisa Baker</td>
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Ken Rider
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Rick Brown

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Saúl Gomez

California Air Resources Board
Ashley Dunn
Richard Corey

UC Berkeley Labor Center
Carol Zabin
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