

DOCKETED

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Senate Bill 350 Barriers Study Staff Workshop



June 3, 2016
9:00am



Purpose

Provide an Overview of the SB 350 Barriers Study

- Requirements
- Research
- Scope and Schedule
- Workshops

Provide an opportunity for public input

- Public
- Stakeholders
- Agencies



SB 350 Barriers Study Requirements

California Energy Commission



SB 350 Barriers Study Requirements

Barriers to and opportunities for:

- Solar photovoltaic energy generation
- Other renewable energy by low-income customers.





SB 350 Barriers Study Requirements

Barriers to :

- Contracting opportunities for small business in disadvantaged communities





SB 350 Barriers Study Requirements

Barriers for low-income customers to:

➤ Energy efficiency investments



➤ Weatherization investments





SB 350 Barriers Study Requirements

Recommendations to increase access:

➤ Energy efficiency investments



➤ Weatherization investments





SB 350 Barriers Study Requirements

California Air Resources Board

Ashley Dunn



SB 350 Barriers Study Research

Christopher Wymer



SB 350 Literature Search

- Where did we search?

– Subscription Databases

- ScienceDirect, EBSCO's Environment Complete, IEEE Explore

– Energy Pages

- DOE, National Renewable Energy Laboratory, Lawrence Livermore National Laboratory, Pacific Northwest National Library

– Environmental Justice Organizations



SB 350 Literature Search

- Search terms:
 - **For barriers to renewable energy development**
 - (“renewable energy” or solar or “clean energy”) AND (barrier* or challeng*) AND (development or construction or adoption) AND (“low income” or disadvantag*)
 - **For barriers to energy efficiency**
 - Energy efficiency AND (barrier* or challeng* or obscatle*) AND (retrofit or development or improv*) AND (“low income” or disadvantag*)



SB 350 Barriers Report Docket

- **Review research**

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=16-OIR-02>

- **Provide additional research**

<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=16-OIR-02>



SB 350 Barriers Study Scope and Schedule

Emilio Camacho



SB 350 Barriers Study Scope

- Low-income housing characteristics (rent vs. own; single- vs. multi-family; new vs. existing; energy usage; individual demographics)
- Setting goals, metrics, and reporting requirements for clean energy programs
- Current CA programs that serve low-income customers (LIHEAP, WAP, ESA and other utility efficiency programs, CSI (MASH, SASH, NSHP))
- Barriers (high up-front costs; split incentives; non-energy benefits not considered in program design/evaluation; insufficient or unavailable demographic data; unique needs not being served by current programs)
- Solutions and opportunities (successful strategies in CA and elsewhere; suggested strategies to address barriers; recommended research to fill knowledge gaps)
- Ensuring economic benefits (small business contracting opportunities; job and workforce opportunities)



SB Barriers Study Schedule

- **June 3, 2016:** Kick-off workshop
- **June 20, 2016:** Comments due on scope/schedule
- **July-September:** Outreach and workshops
- **September:** Draft study posted for public review
- **October:** Comments due on draft study
- **November:** Proposed final study posted for public review
- **December:** Comments due on proposed final
- **January, 2017 :** Final study published and submitted to Legislature



SB 350 Barriers Study Workshops



SB 350 Barriers Study Workshops

Location

- Oakland
- Fresno
- Los Angeles
- Riverside

Partners

- CEJA
- Leadership Counsel for Justice and Accountability
- The Greenlining Institute
- S.C.O.P.E



SB 350 Barriers Study Workshops

Additional Outreach Opportunities

- **Tribal Communities**
- **Rural Communities**
- **Mountain Communities**



SB 350 Barriers Study Workshops

Goal and Format

- **Commissioner Participation**
- **Roundtable Discussion**
- **Surveys**

Schedule

July → August → September



Panel Discussion:

Effective Stakeholder Participation and Agency Coordination

Sekita Grant, *The Greenlining Institute*

Sydney Fang, *Asian Pacific Environmental Network*

Sachu Constantine, *Center for Sustainable Energy*

Ashley Dunn, *California Air Resources Board*

Jason Wimbley, *California Department of Community Services and Development*



Public Comment



Public Input Encouraged and Necessary

- **E-comments:**

- http://www.energy.ca.gov/sb350/barriers_report.html
- Click "**Submit e-Comment**" in "Proceeding Information" box
- Enter contact information and comment title.
- Under "subject(s)" select either "SB 350 2016-06-03 Workshop" or "SB 350 Public Comments."
- Enter comments in the box titled "Comment Text" or attach comments in Microsoft® Word or Adobe® Acrobat® (.pdf)

- **E-mail**

- Docket@energy.ca.gov

- **Mail**

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Questions?

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