| **DOCKETED** |
|-----------------|-----------------|
| **Docket Number:** | 16-OIR-02 |
| **Project Title:** | SB 350 Barriers Report |
| **TN #:** | 211726 |
| **Document Title:** | Presentation - Senate Bill 350 Barriers Study Staff Workshop |
| **Description:** | June 3, 2016 at 9:00 a.m. |
| **Filer:** | Patty Paul |
| **Organization:** | California Energy Commission |
| **Submitter Role:** | Commission Staff |
| **Submission Date:** | 6/6/2016 8:19:58 AM |
| **Docketed Date:** | 6/6/2016 |
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
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

• 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](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**
  - California Energy Commission
    Dockets Office, MS-4
    Re: Docket No. 16-OIR-02
    1516 Ninth Street
    Sacramento, CA 95814-5512
Questions?

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