

DOCKETED

Docket Number:	21-IEPR-06
Project Title:	Building Decarbonization and Energy Efficiency
TN #:	237959
Document Title:	Presentation - Energy Efficiency in Low-Income Communities
Description:	S1. 2A Vincent Barnes, Alliance to Save Energy
Filer:	Raquel Kravitz
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	5/24/2021 3:24:29 PM
Docketed Date:	5/24/2021



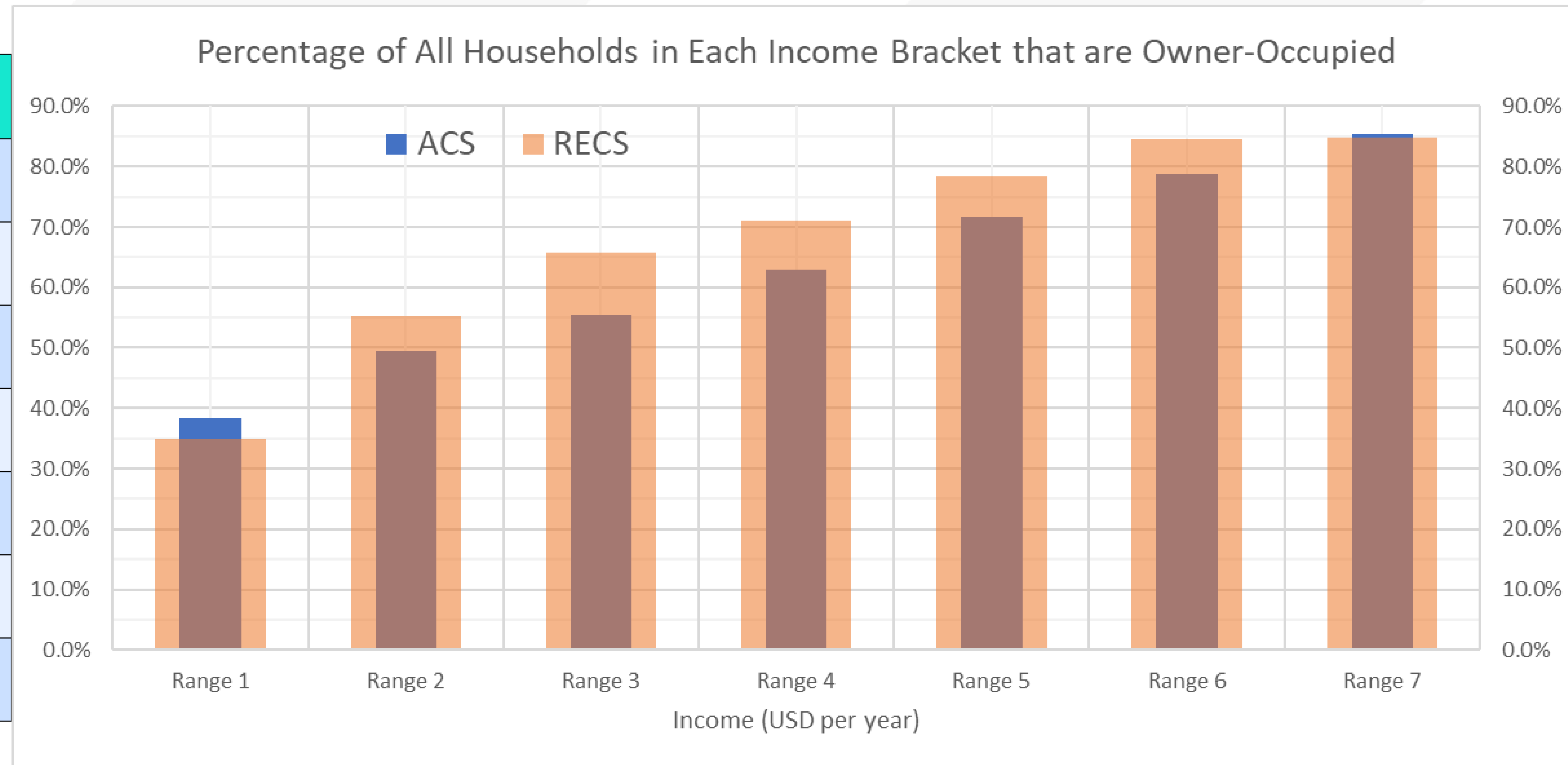
Energy Efficiency in Low-Income Communities

Energy Efficiency

- Reduce Carbon Emissions by 50 percent by 2050**
- 2.5 Trillion Metric Tons of Carbon Emissions**

ACS and RECS Agree on Homeownership Rates in Each Income Bracket

Income Range	ACS	RECS
Range 1	Less than \$20,000	Less than \$20,000
Range 2	\$20,000 to \$34,999	\$20,000 to \$39,999
Range 3	\$35,000 to \$49,999	\$40,000 to \$59,999
Range 4	\$50,000 to \$74,999	\$60,000 to \$79,999
Range 5	\$75,000 to \$99,999	\$80,000 to \$99,999
Range 6	\$100,000 to \$149,999	\$100,000 to \$139,999
Range 7	\$150,000 or more	\$140,000 or more



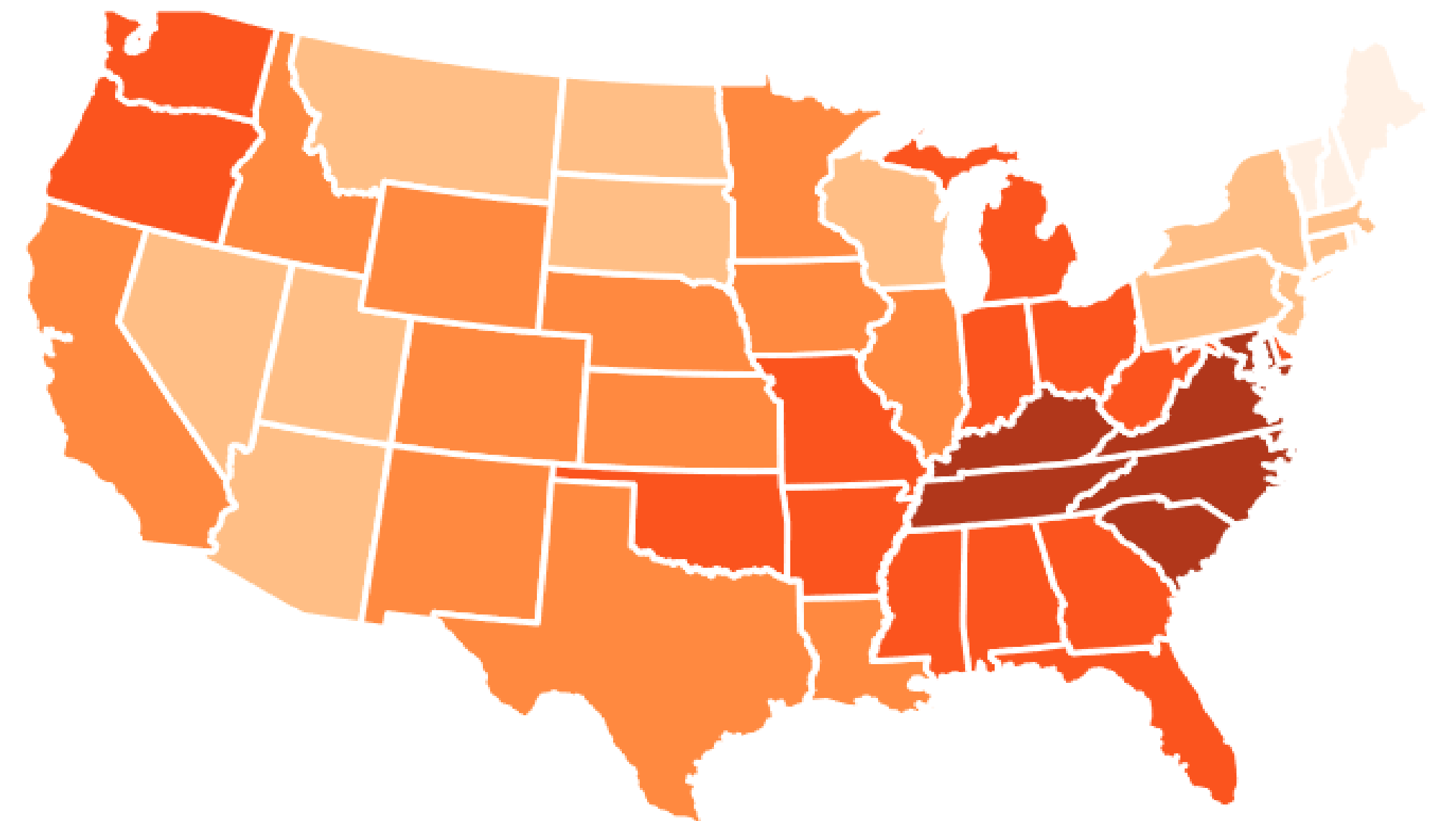
- In almost all income brackets, more than half of households are owner-occupied
- As income increases, percentage of households that are owner-occupied increases

Low-Income EE Spending Can Result in Significant Savings

- [DOE Office of Energy Efficiency and Renewable Energy estimates](#) EE upgrades in low-income homes could reduce their electricity consumption by 13 to 31%
- [NREL estimated](#) EE upgrades in low-income single-family detached homes could save
 - \$13 billion annually for households earning less than 80% of the local AMI
 - \$16.7 billion annually for households earning less than 200% of the FPL

Potential Electricity Savings in Low-Income Households

13-17%	17-21%	21-25%	25-29%	29-32%
--------	--------	--------	--------	--------



Significant savings potential in most states, especially [southern ones](#)