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# CALIFORNIA ENERGY COMMISSION IEPR WORKSHOP – BUILDING DECARBONIZATION

May 25, 2021

David Jacot, P.E.

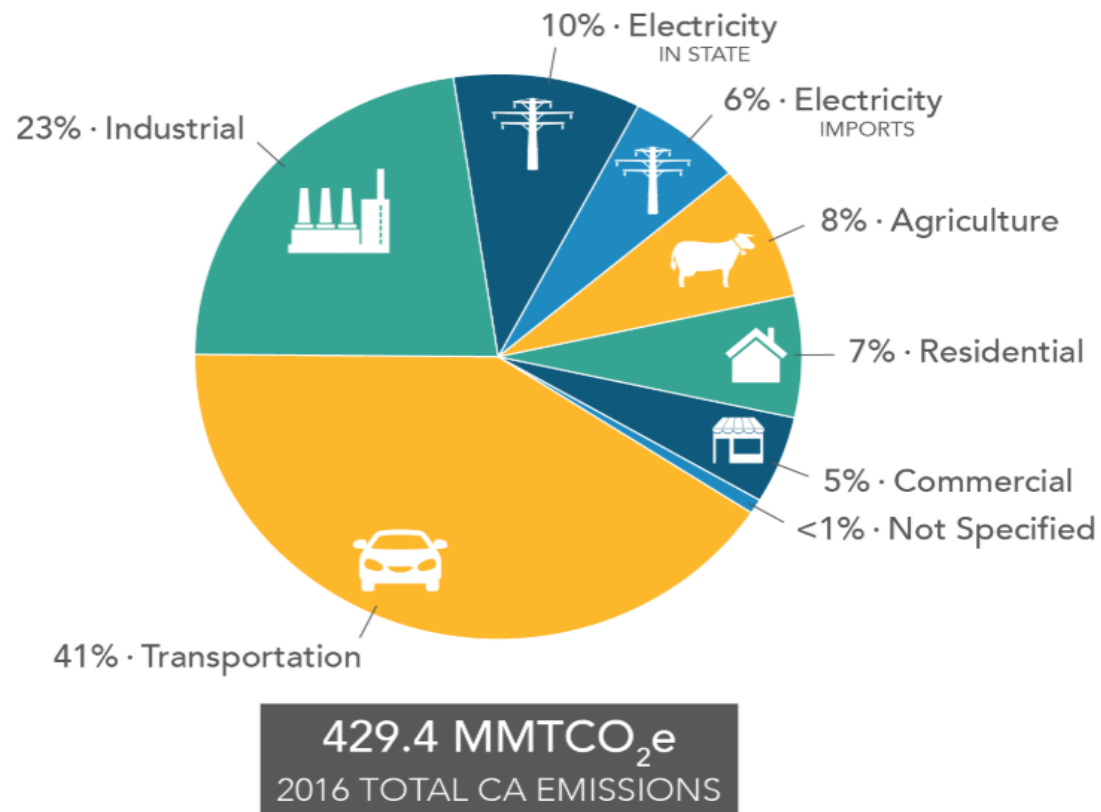
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# CA GHG Inventory

## *Emissions by Economic Sector*



# Addressing LA's Needs

230,960

customers on low income or lifeline discount rates\*

409,298

affordable housing units in Los Angeles\*\*

## Sources:

\*LADWP CCB Account Data – Discount Programs

\*\*Affordable Homes First: Advancing a Green New Deal for Los Angeles <https://www.energyefficiencyforall.org/resources/advancing-a-green-new-deal-for-los-angeles-renters/>

# Comprehensive Affordable Multifamily Retrofits (CAMR)

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- Deep decarbonization of multi-family buildings by retrofitting for energy efficiency, building electrification, and on-site solar PV
- Significant utility cost savings for low income tenants and affordable housing property owners and managers
- Skilled, family-supporting green jobs for the local workforce

# CAMR Incentive Levels

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- Incentives are based on the total amount of greenhouse gases (GHGs) expected to be avoided annually

Number of Units	For energy efficiency measures that reduce owner-paid energy costs	For energy efficiency measures that reduce tenant-paid energy costs
5-64	\$5,400/MTCO <sub>2</sub> e	\$6,750/MTCO <sub>2</sub> e
65+	\$6,200/MTCO <sub>2</sub> e	\$7,750/MTCO <sub>2</sub> e

\*MTCO<sub>2</sub>e = Metric Ton of Carbon Dioxide equivalent

- CAMR will also provide incentives to upgrade electrical infrastructure and/or utility service to support building electrification of \$750/unit

# Comprehensive Affordable Multifamily Retrofits (CAMR)

5 year timeline			
	Program Incentive Expenditures	# Units/Households Served	# Projects (range)
Year 1	\$2,000,000.00	333	3-7
Year 2	\$10,000,000.00	1667	17-33
Year 3	\$18,000,000.00	3000	30-60
Year 4	\$20,000,000.00	3333	33-67
Year 5	\$25,000,000.00	4167	42-83
<b>Total</b>	<b>\$75,000,000.00</b>	<b>12,500</b>	<b>125-250</b>

- ~400,000 affordable housing units in LA
- 12,500 units retrofitted for \$75M
- 400,000 units → \$2.4B



**QUESTIONS?**

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