

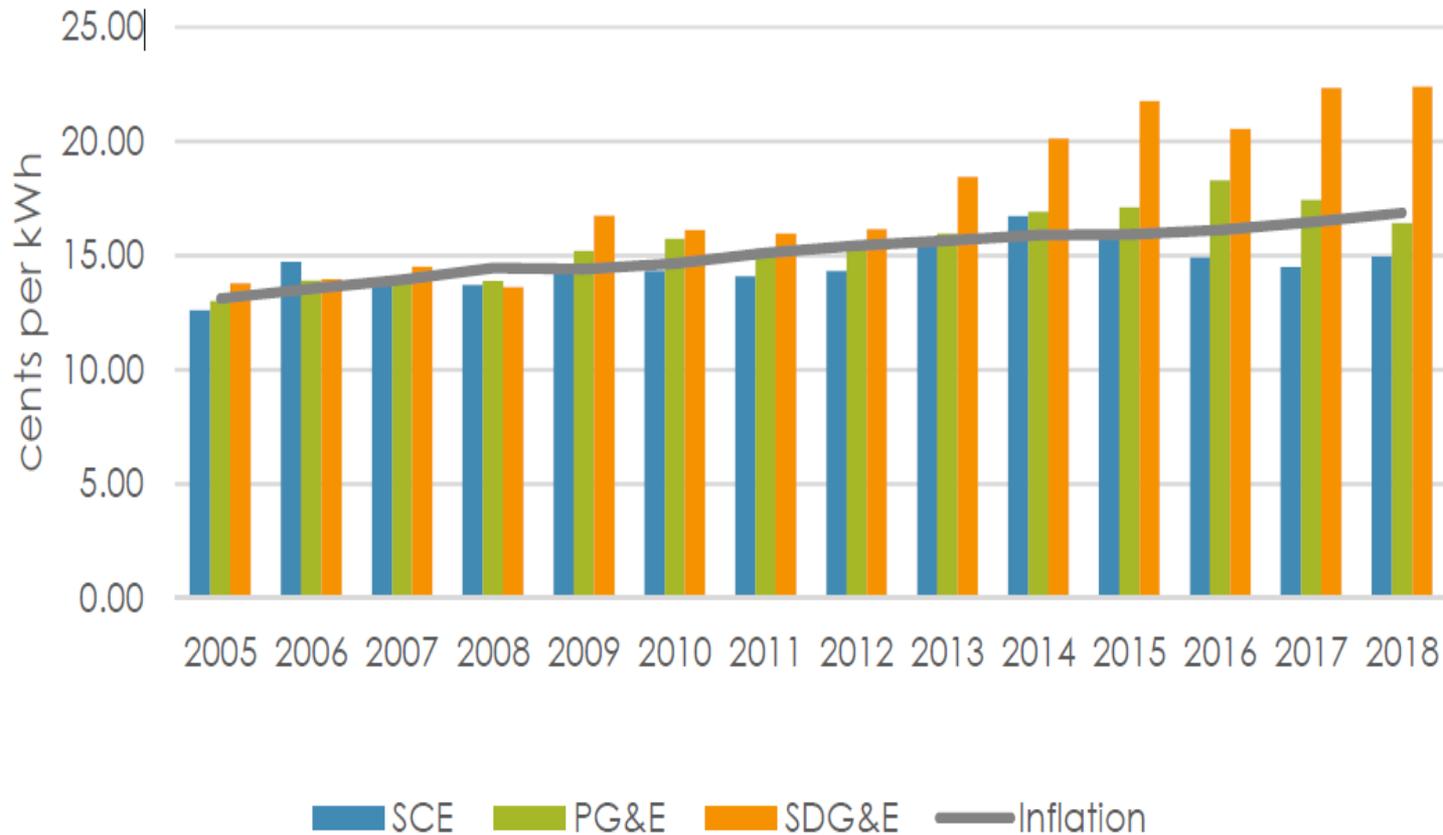
# Estimated Costs in 2019 Wildfire Mitigation Plans

Category	Estimated Costs			Estimated Costs Already Reflected in Revenue Requirement			Incremental Estimated Costs		
	Total (000)	Capital Only (000)	O&M Only (000)	Total (000)	Capital Only (000)	O&M Only (000)	Total (000)	Capital Only (000)	O&M Only (000)
<b>PG&amp;E</b>	\$2,005,900	\$1,156,500	\$849,400	\$41,700	\$22,000	\$19,700	\$1,964,200	\$1,134,500	\$829,700
<b>SDG&amp;E</b>	\$201,930	\$178,150	\$23,780	\$143,610	\$128,400	\$15,210	\$58,320	\$49,750	\$8,570
<b>SCE</b>	\$1,244,100	\$812,500	\$431,600	\$717,900	\$575,200	\$142,700	\$526,200	\$237,300	\$288,900
<b><u>TOTAL</u></b>	<b><u>\$3,451,930</u></b>	<b><u>\$2,147,150</u></b>	<b><u>\$1,304,780</u></b>	<b><u>\$903,210</u></b>	<b><u>\$725,600</u></b>	<b><u>\$177,610</u></b>	<b><u>\$2,548,720</u></b>	<b><u>\$1,421,550</u></b>	<b><u>\$1,127,170</u></b>





# Trends in Electric System Average Rates (2005-2018)





## *Wildfire Mitigation Plan Rate Impacts*

- ❖ In their 2019 Wildfire Mitigation Plans (WMPs), the IOUs outline a need for \$3,451,930,000 in total estimated costs (\$2,147,150,000 for capital investments and \$1,304,780,000 for O&M) to adequately address wildfire risks for the year.
- ❖ These associated Wildfire Mitigation costs will drive rates above their current projections.
- ❖ The CPUC approved all three IOUs' WMPs on May 30, 2019, but did not authorize cost recovery, which is anticipated to be addressed in each IOU's General Rate Case.





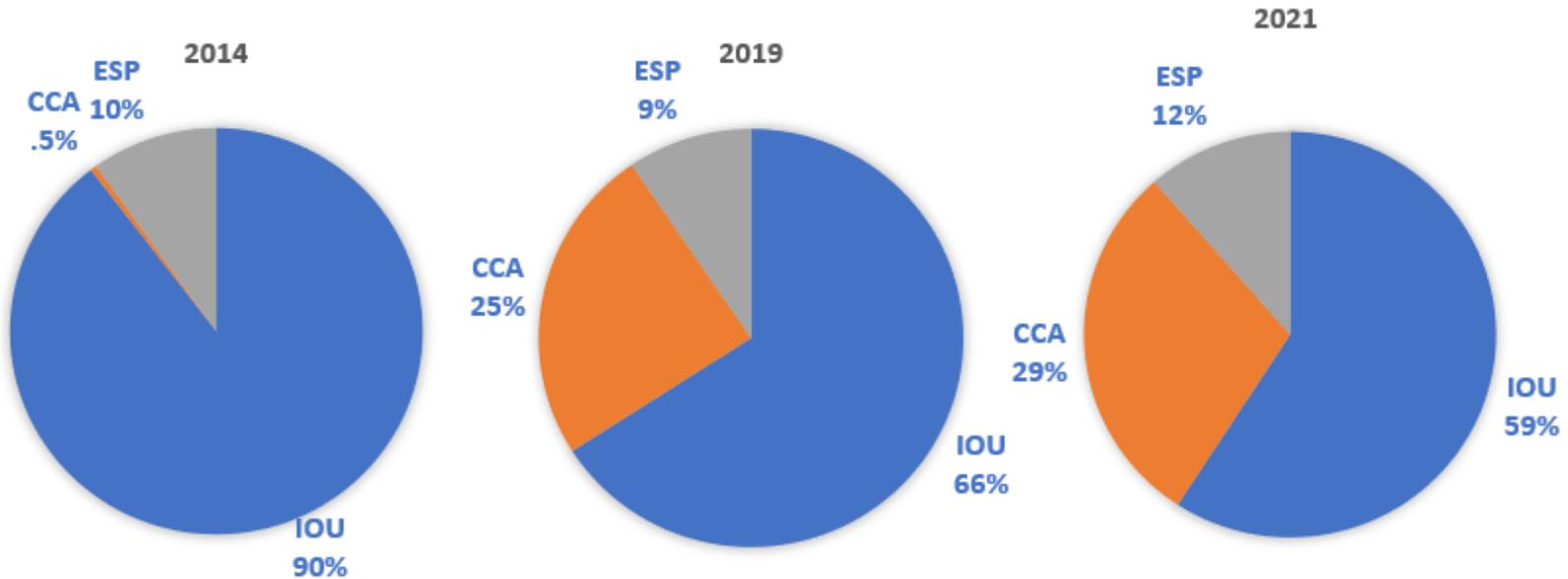
***Residential Rate Impacts from Incremental Revenue Requirements  
in 2019 Wildfire Mitigation Plans  
Under Traditional Ratemaking (Capital and O&M)***

	Additional Revenue Requirements (000) <sup>1</sup>	Residential Rate Impact			
		Per kWh(c)	Monthly Bill Impact (\$)	Annual Bill Impact (\$)	% Bill Impact
PG&E	\$ 955,007	1.35	6.90	82.8	7.3%
SDG&E	\$ 13,981	0.10	0.42	5.04	0.3%
SCE	\$ 314,933	0.47	2.63	31.56	2.7%

<sup>1</sup> Additional Revenue Requirement after capital costs are converted to corresponding revenue requirement.



# Who is Serving Load in CA?



\*\* Peak load share based on RA load forecast. 2021 forecasts load migration based on CCA Implementation Plans for 2021 launch or expansion and estimates of load migration resulting from opening of direct access



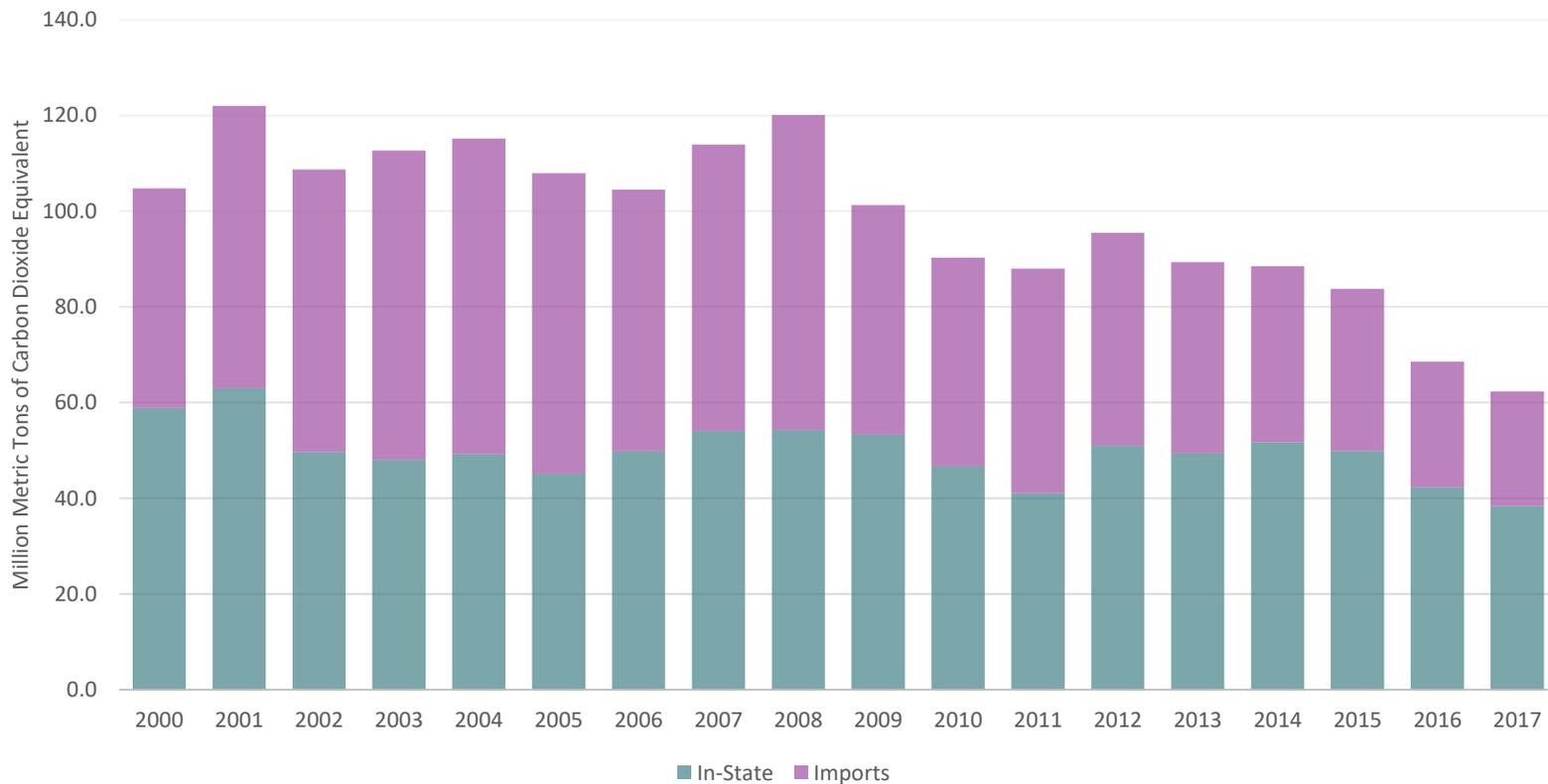


# Progress Towards Meeting California's Greenhouse Gas Emission Goals





# ***ELECTRIC SECTOR EMISSIONS 2000-2017 (MMT CO<sub>2</sub>e)***

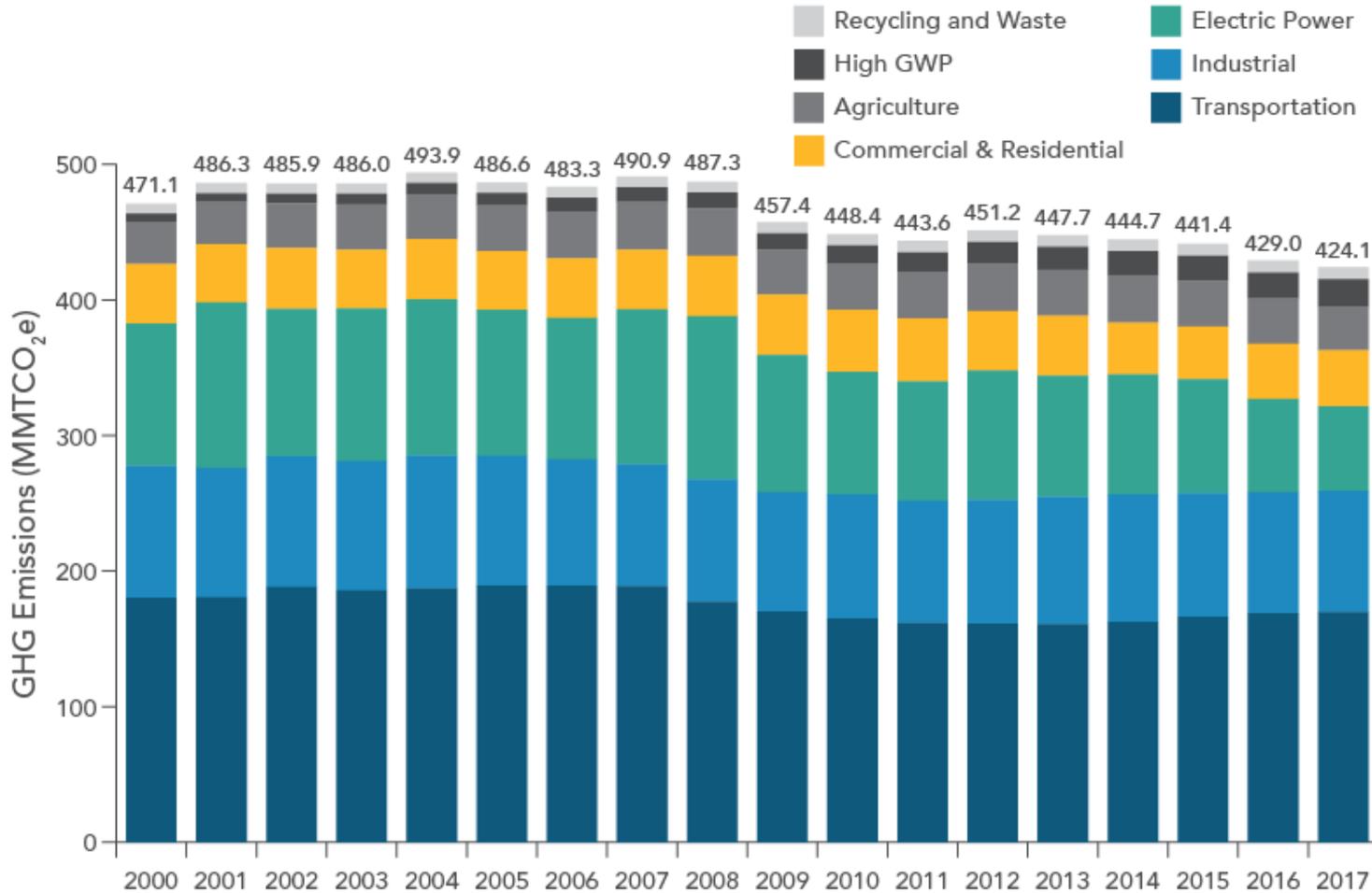


Source: California Air Resources Board, GHG Current California Emission Inventory Data  
<https://ww2.arb.ca.gov/ghg-inventory-data>





# 2000–2017 GHG Emissions by Category as Defined in the CA Air Resources Board Scoping Plan

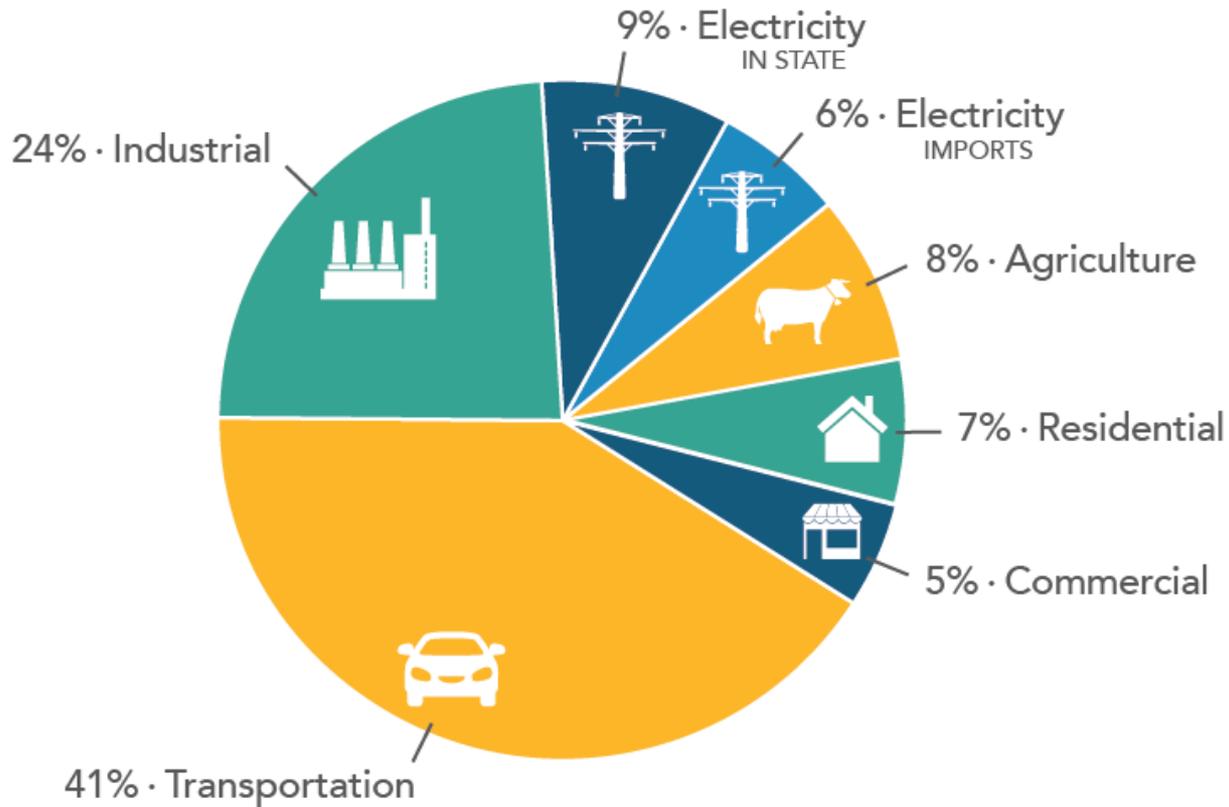


Source: California Air Resources Board, California Greenhouse Gas Emissions for 2000 to 2017, Trends of Emissions and Other Indicators.

[https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000\\_2017/ghg\\_inventory\\_trends\\_00-17.pdf](https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2017/ghg_inventory_trends_00-17.pdf)



# 2017 GHG Emissions by Main Economic Sector



**424.1 MMTCO<sub>2</sub>e**  
2017 TOTAL CA EMISSIONS

Source: California Air Resources Board, California Greenhouse Gas Emissions for 2000 to 2017, Trends of Emissions and Other Indicators.

[https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000\\_2017/ghg\\_inventory\\_trends\\_00-17.pdf](https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2017/ghg_inventory_trends_00-17.pdf)





# *Residential Rate Reform: Provisions and Current Status*

## **Provisions of D.15-07-001**

- ❖ Inclining Block rates flattened to 2 tiers, 25% apart, plus “super-user” electric surcharge.
- ❖ TOU adopted as default for most customers assuming P.U. Code Sec. 745 requirements are met.
- ❖ Denied fixed charges, but currently being considered as part of the 2018 Rate Design Window.

## **Status of Residential Rate Reform**

### **SDG&E:**

- Transitioning eligible customers to default TOU since March 2019, concluding April 2020.
- Since March 2019, TOU has been the standard turn-on rate for eligible new customers.
- For customers that remain on tiered rates, tier flattening is expected to conclude in 2019.

### **PG&E and SCE:**

- PG&E: Transitioning of eligible customers to default TOU is expected to start in October 2020, with transition to be completed by the end of 2021.
- SCE Delay: Tentative proposal to transition 300,000 customers starting in October 2020, then to transition the remaining customers following CSRP implementation in late 2021-2022.
- TOU will be the standard turn-on rate for eligible customers starting October 2020.
- Tier flattening concluded in 2019.

