



Introductory Webinar 2020 Solar Valley Conference

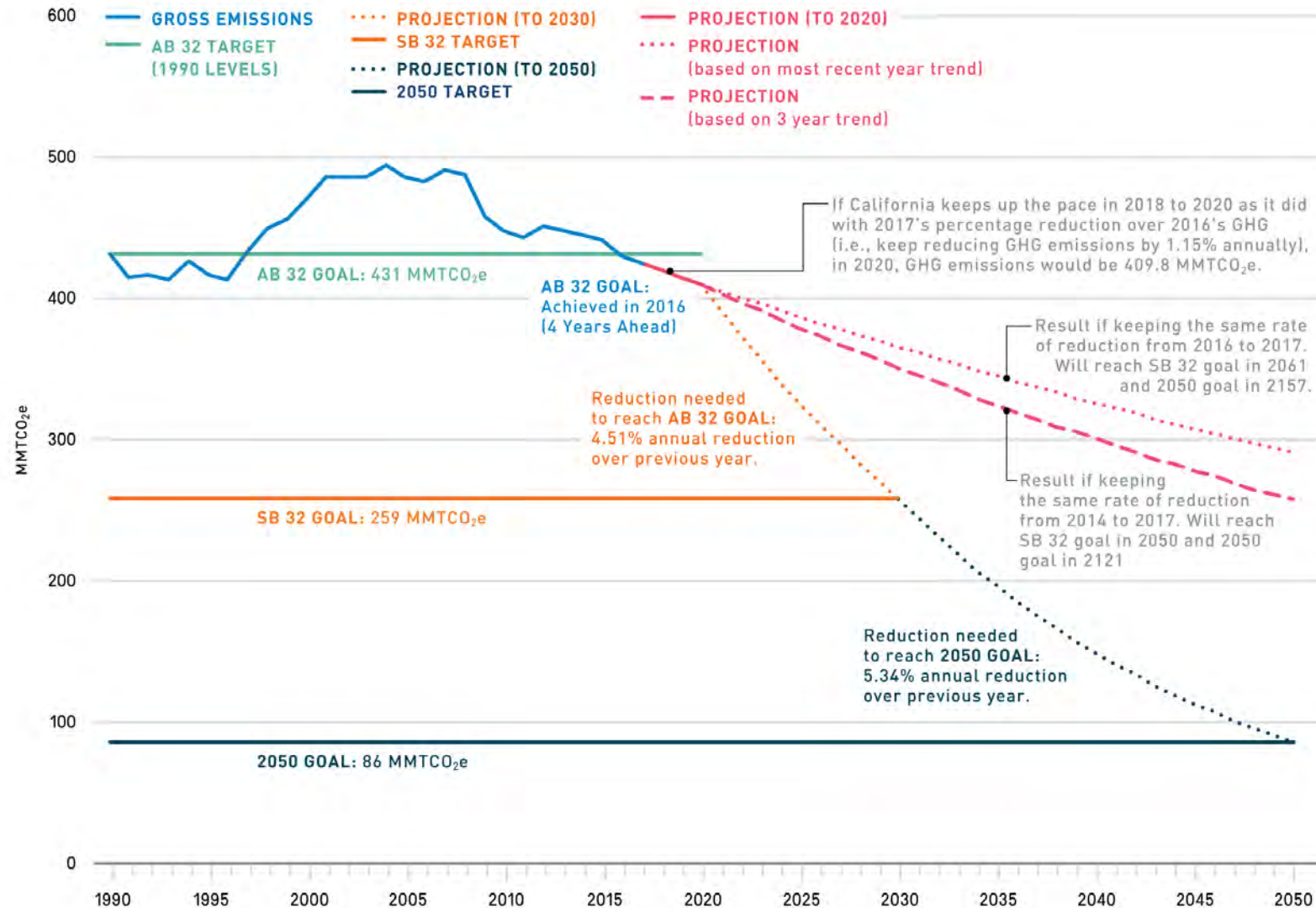
August 2020

Adam J. Fowler

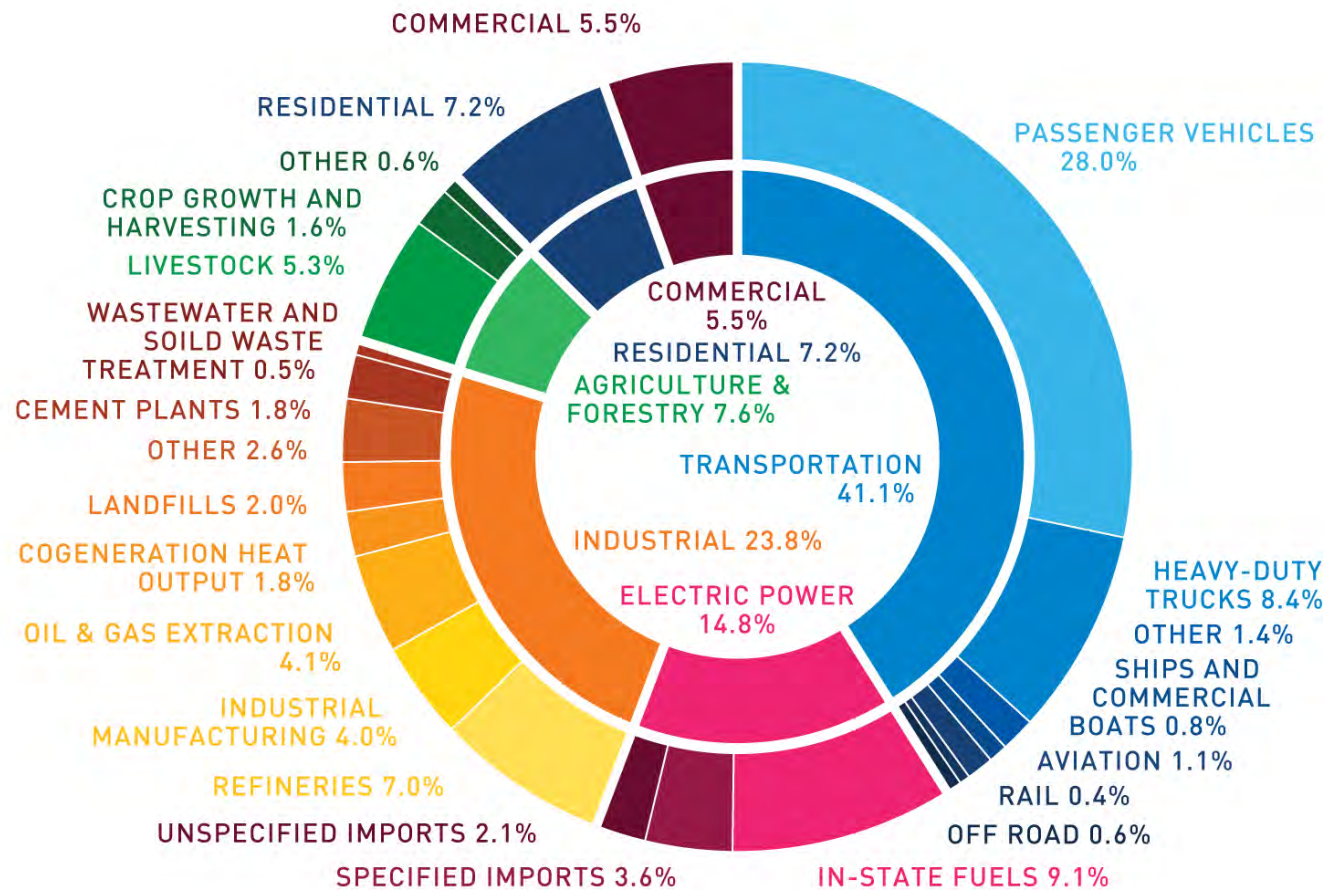
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GHG Emissions

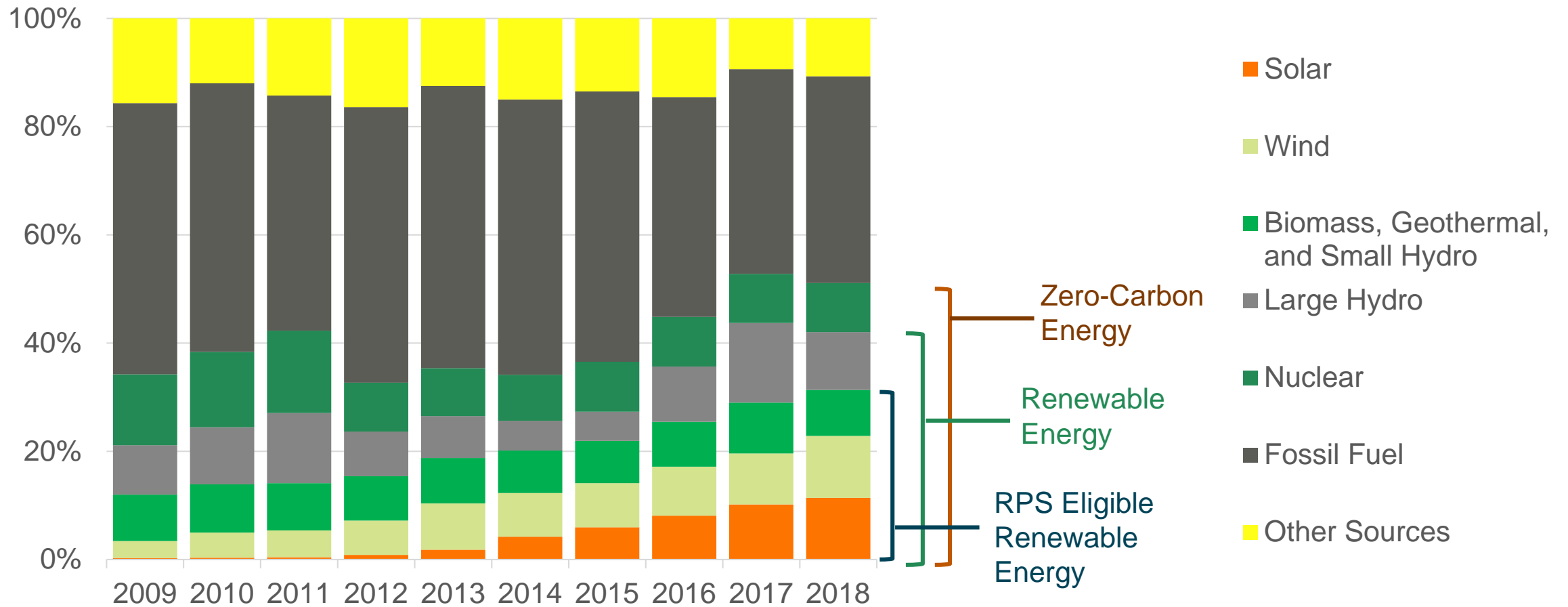


State Greenhouse Gas Emissions by Source

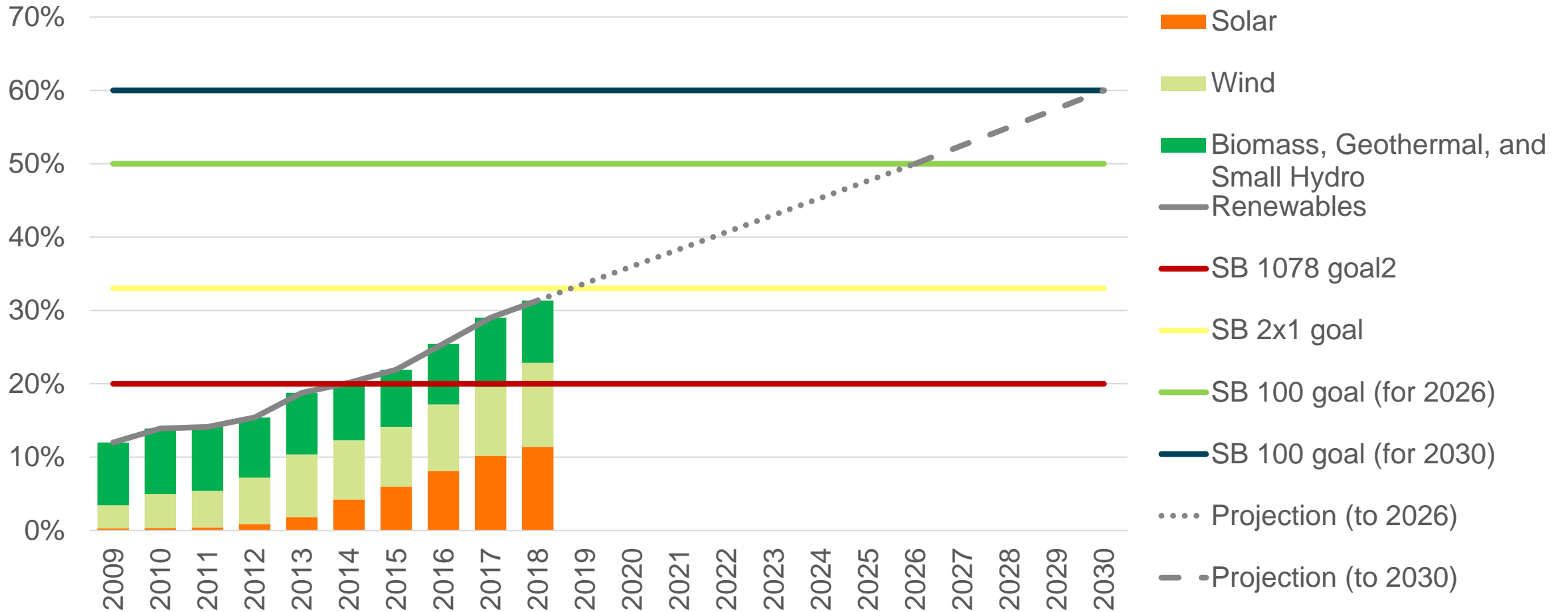


Statewide, passenger vehicles is by far the largest greenhouse gas (GHG) emitting activity, comprising over 1/4 of the state's total emissions

California Power Mix by Source (Utility Scale)



California's Path to 60% RPS Goal by 2030



Inland Southern California = Sun



County	Rank	Solar Radiation (KJ/Sq. Meter)
Imperial County, CA	1	20,775
Riverside County, CA	2	20,596
Santa Barbara County, CA	3	20,498
San Diego County, CA	4	20,495
Los Angeles County, CA	16	20,248
San Bernardino County, CA	21	20,095
Kern County, CA	29	19,911

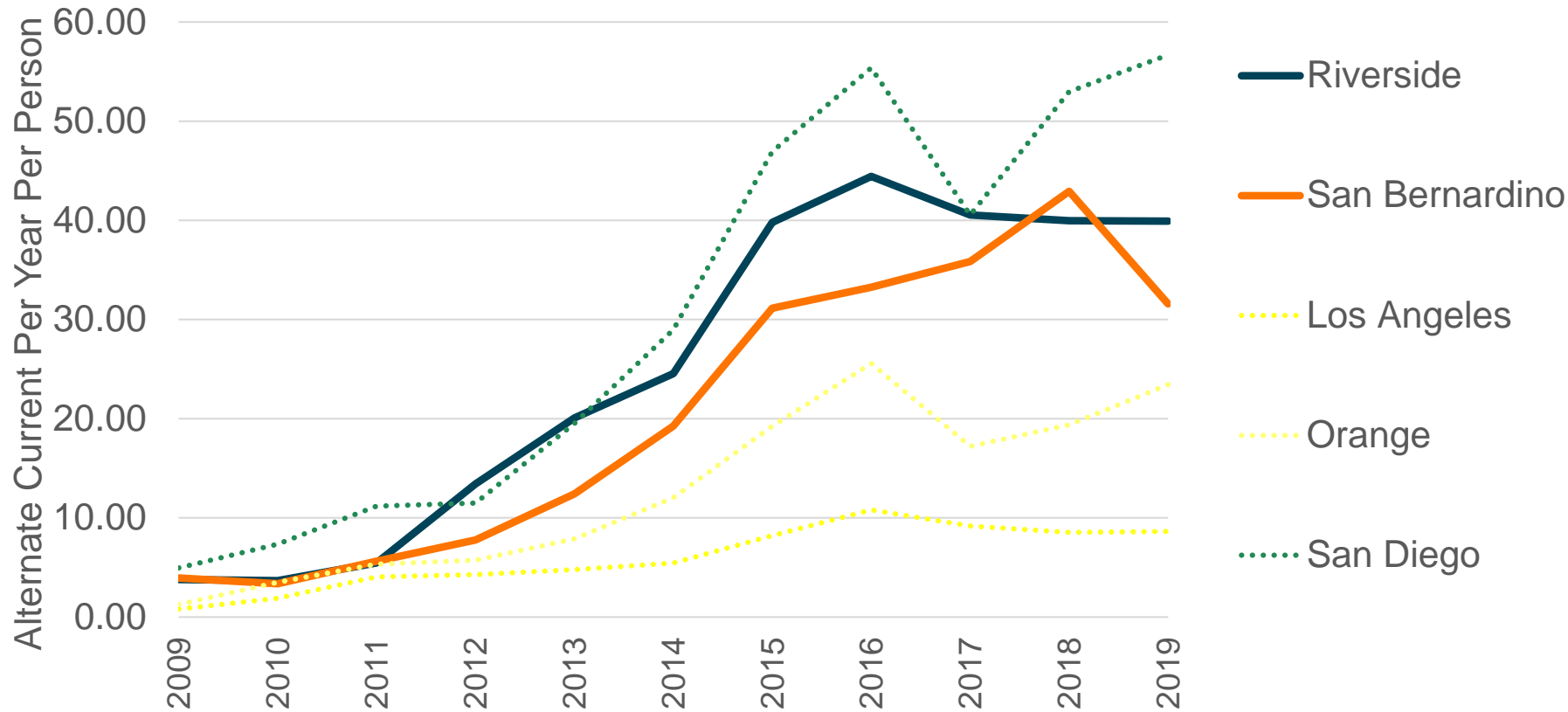
The Inland Empire is one of the sunniest places not just in California but nationwide.

It is the perfect place to harvest solar energy, which could supply growing populations with clean power for industrial/commercial and private use, stimulating growth of a whole new landscape of green businesses.

Inland Empire's Solar (Net Energy Metering) Installation



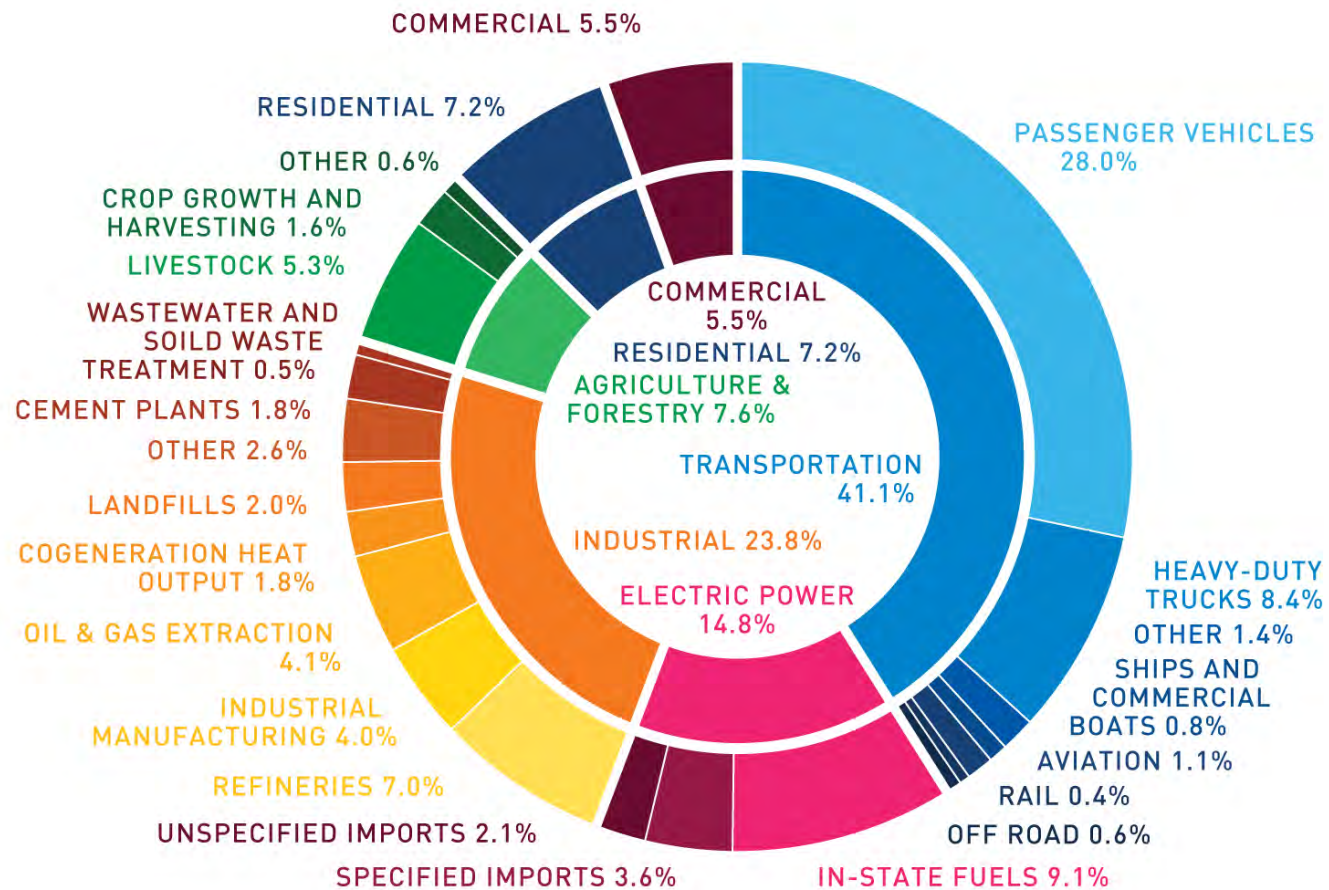
Solar Capacity (NEM) Installation Per Capita (Watt/Person), All Sectors



Statewide, solar installation was 29.7 watt/person in 2019

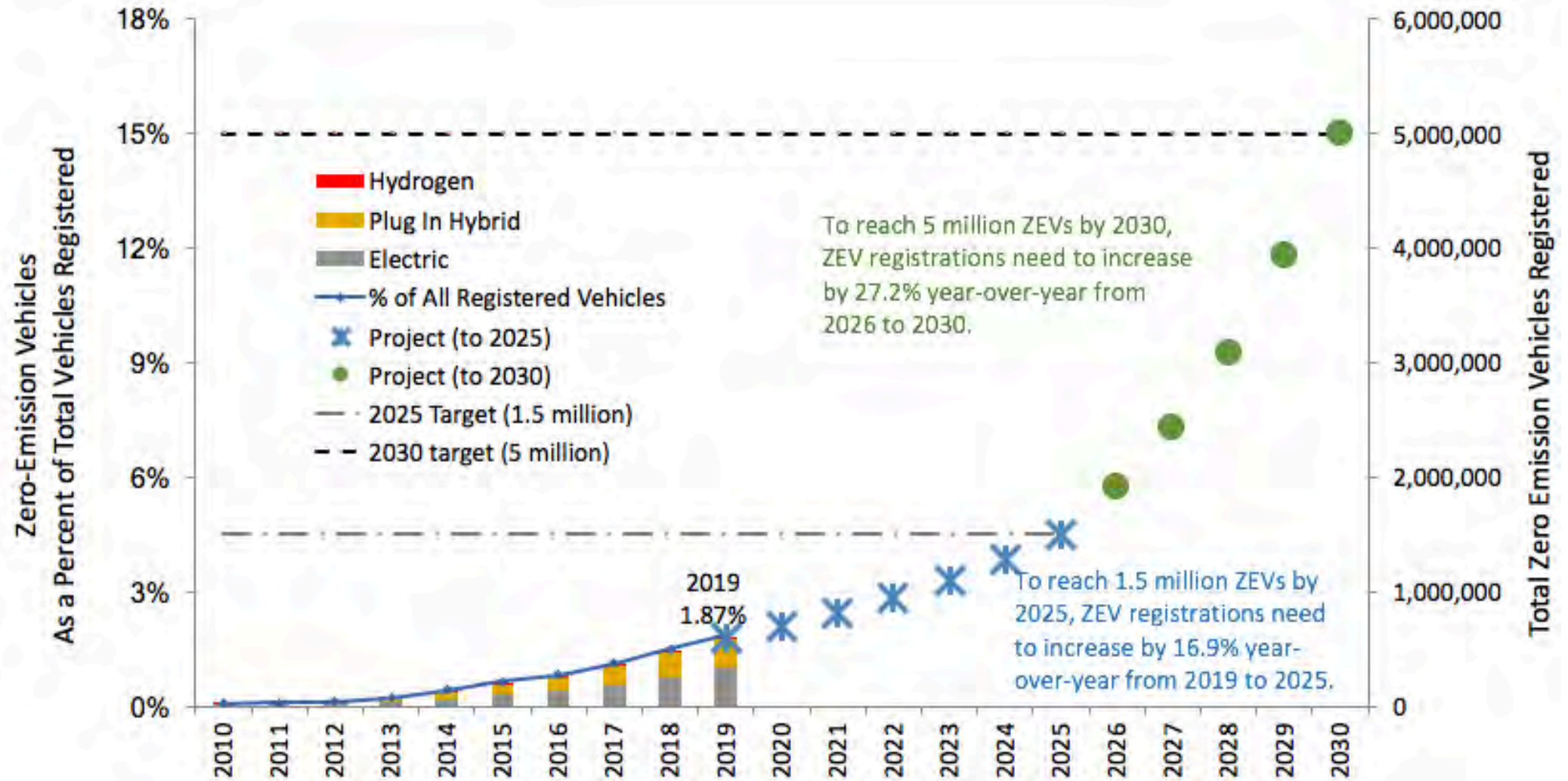
The Inland Empire has had above average per capita solar installation historically, ahead of Los Angeles County and Orange County but lag behind San Diego.

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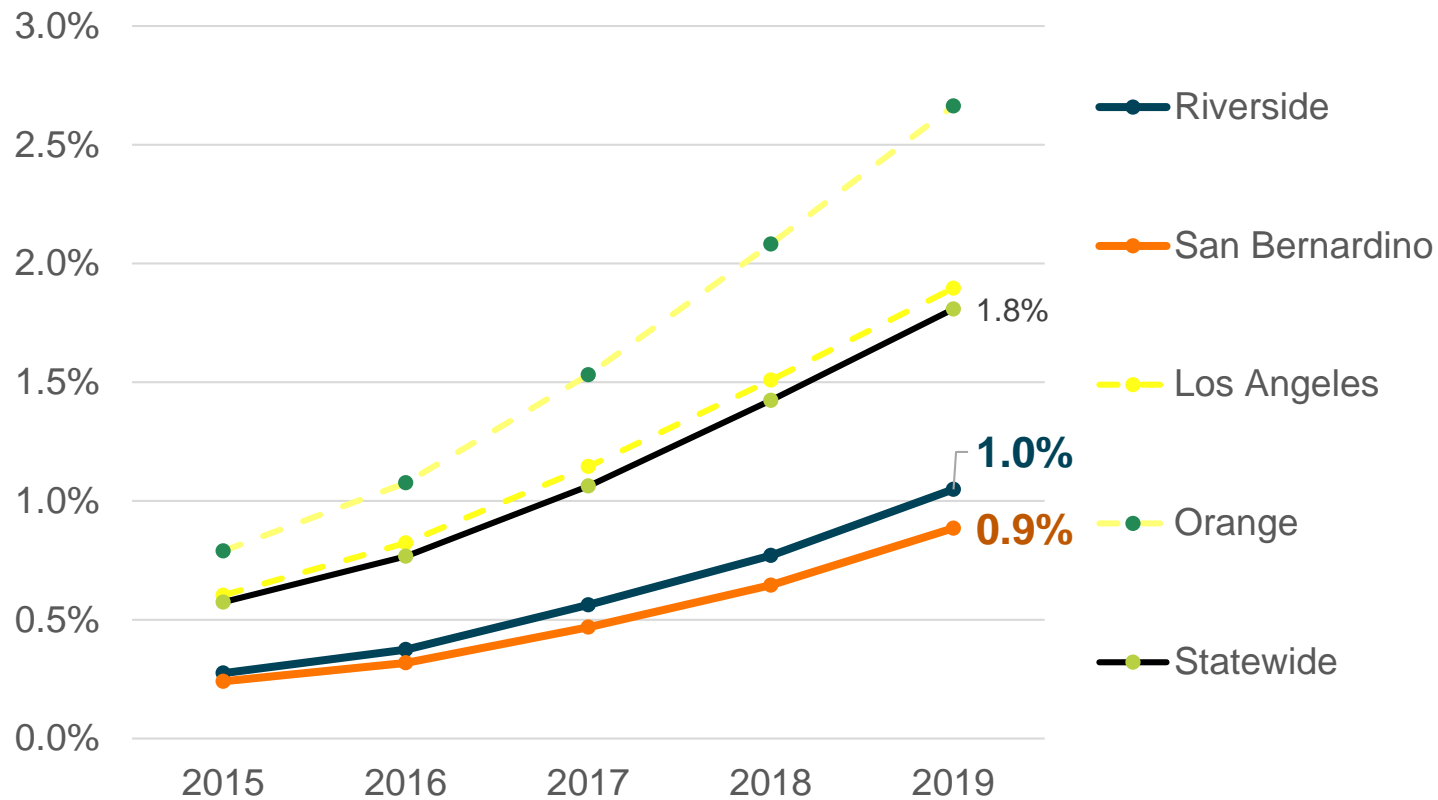
Trends in Electric Vehicle Adoption in California



Inland Empire is Behind in EV Adoption



Percentage of Vehicles on Road that are EVs



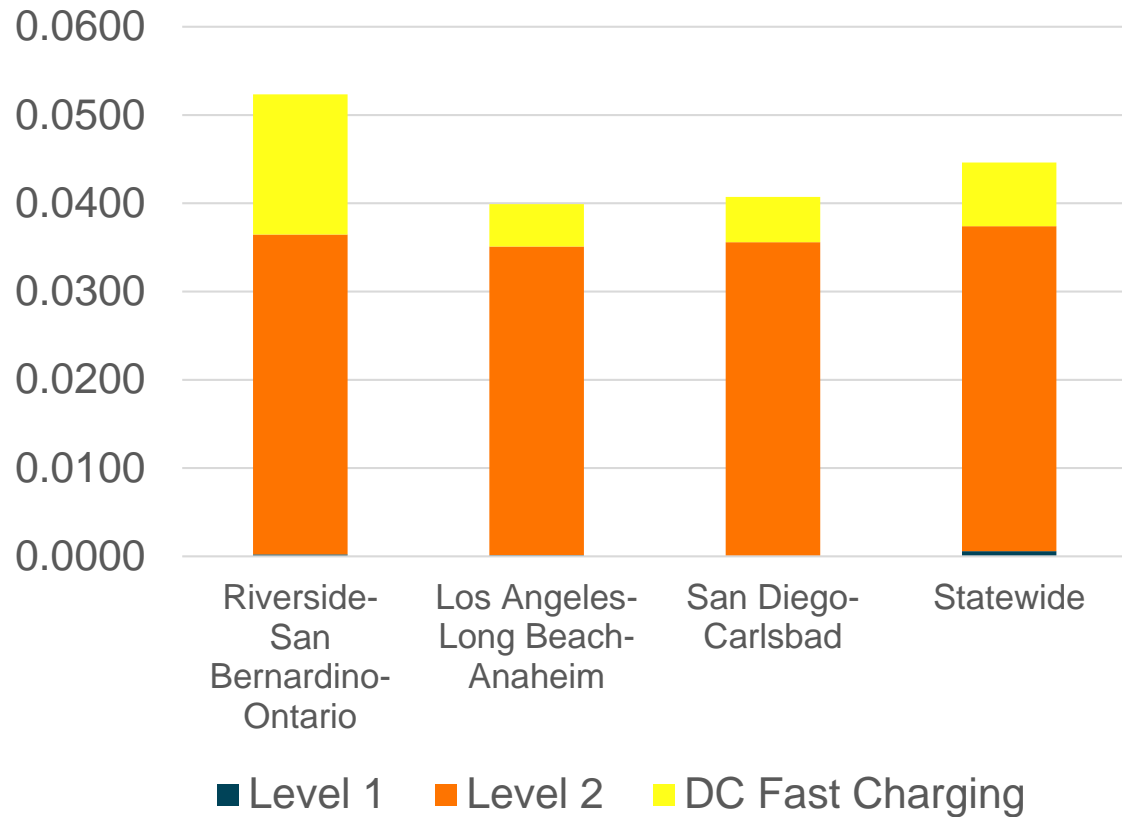
As of the end of 2019, just 1% of the vehicles registered on road are electric vehicles in the Inland Empire, below its Southern California peers:

- Orange County (2.7%)
- Los Angeles County (1.9%)

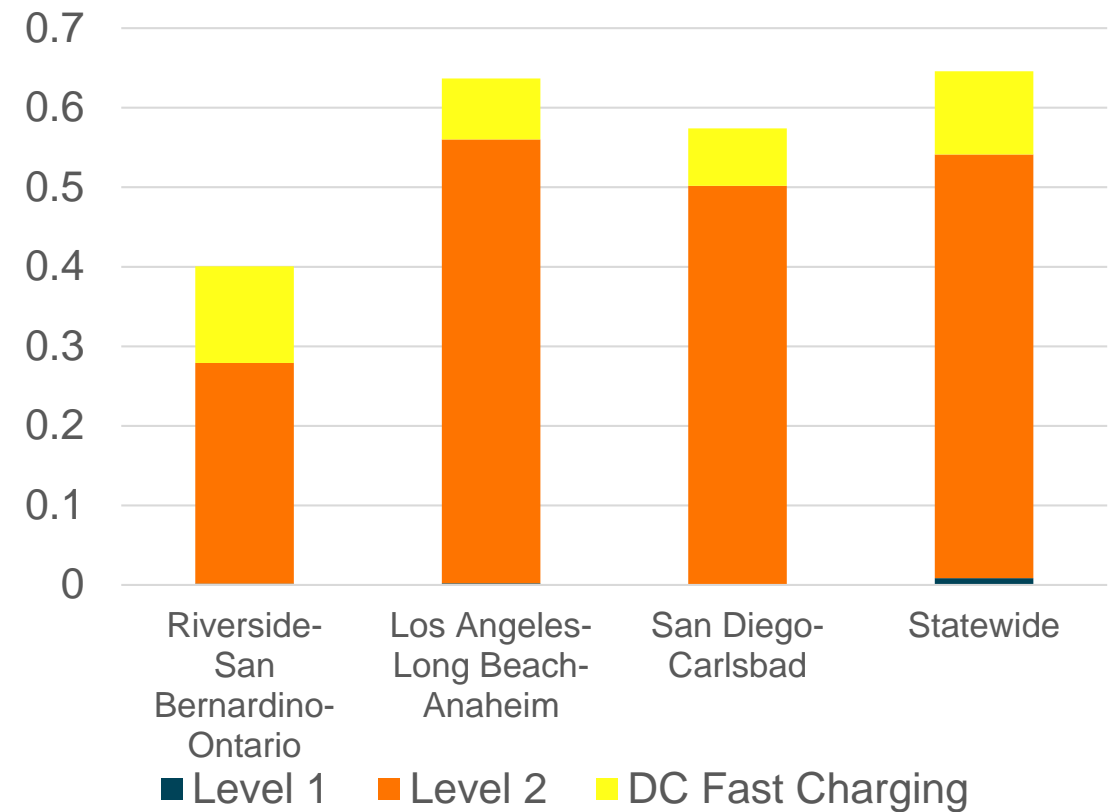
Inland Empire's EV Charging Infrastructure



Charging Station per *Electric Vehicle Registered*, by MSA



Charging Station per *1,000 Residents*, by MSA



California is NOT on Track to Meeting Future Climate Goals



... But the Inland Empire is poised to become a leader in clean energy and can play a pivotal role in helping the state to achieve its climate goals.

With its abundant sunshine, the Inland Empire has great potential to become the most attractive region for solar power in the U.S.

Furthermore, a spur in solar power would also mean the Inland Empire is in a great position to electrify its transportation sector, the largest greenhouse gas emitting sector.



Thank You

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