



# California Energy Commission

Title: California's Electric Vehicle Charging Infrastructure Deployments

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# Clean Transportation Program Equity Goals

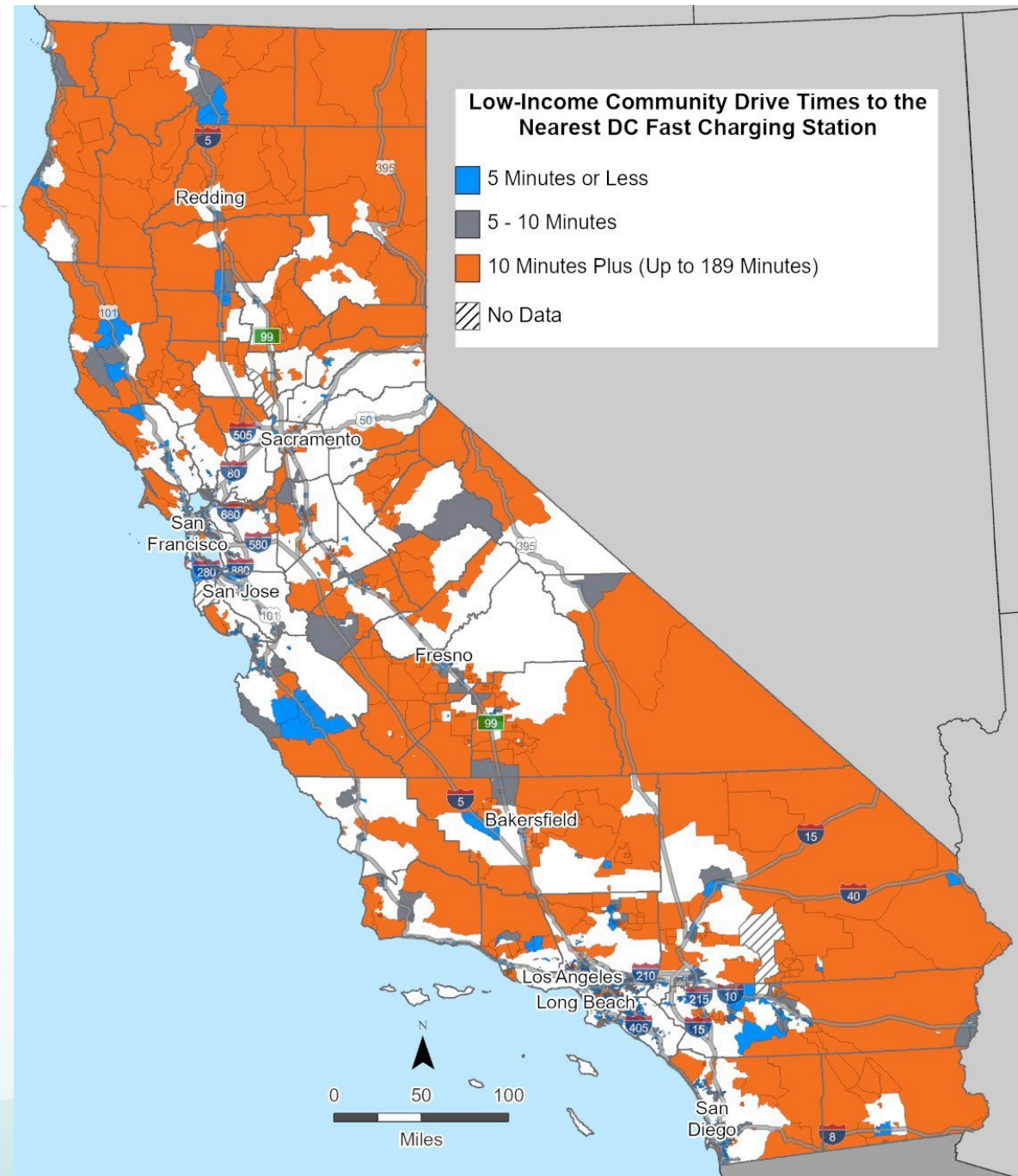
- Minimum of 50% of investments in Disadvantaged and/or Low-income Communities
- Charging for
  - Multi-Family Housing residents
  - Rural residents
- Access to both charging or re-fueling stations and to funding opportunities





# SB 1000 Objectives

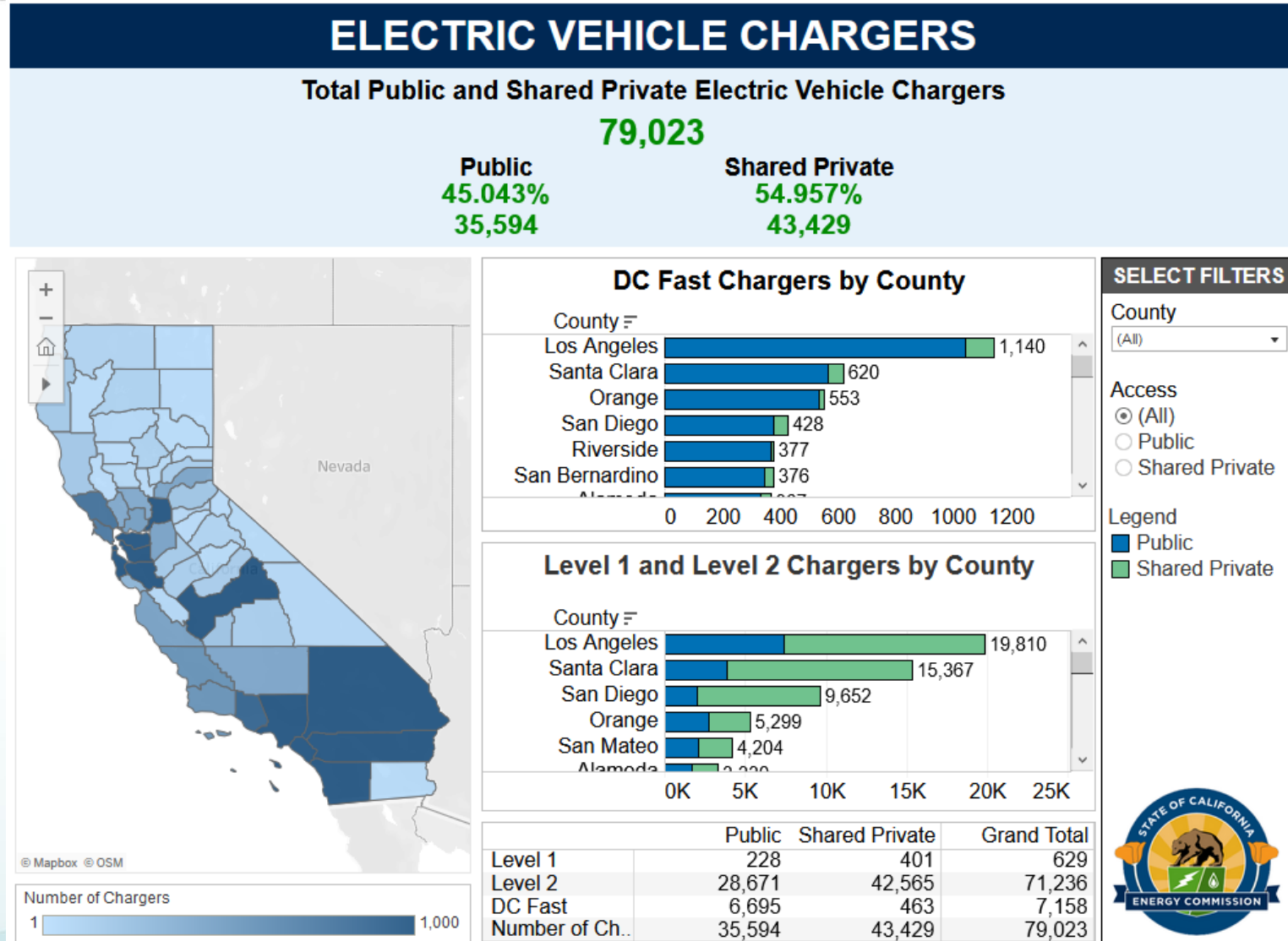
- 2020
  - Geographic distribution of public Level 2 and DC fast chargers; income level and population density
- 2021/2022
  - Drive times to DC fast chargers; income level, population density, and CalEnviroScreen scores
- Helps inform Clean Transportation Program equity investments in light-duty EV charging infrastructure





# Electric Vehicle Chargers – Goals

- Goal: 250,000 chargers by 2025
  - Including at least 10,000 Fast Chargers
- Projected need for 2030:
  - Level 2: 1.2 million
  - Fast Chargers: 37,000

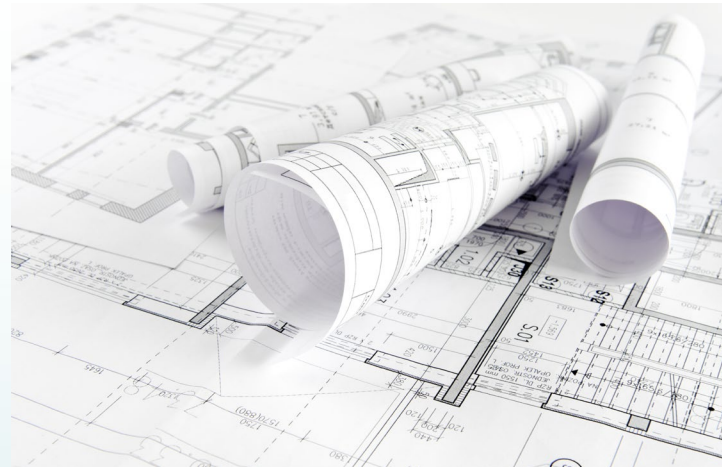






# Block Grants

- CALeVIP: 12 projects to date
  - 36 Counties
  - \$206 million (\$42 million from partners)
  - 56%\* in disadvantaged and/or low-income communities
- "Second Block Grants"
  - CALeVIP 2.0
  - Communities in Charge
  - Up to \$250 million each



\*CALeVIP Rebate Statistics Page: <https://calevip.org/rebate-statistics>



# Competitive Grants

- **Reliable, Equitable, and Accessible Charging for Multi-Family Housing (REACH)**
  - \$8.5 million
  - Applications Due: February 18, 2022 ([GFO-21-603 \(REACH\)](#))
- **Rural Electric Vehicle (REV) Charging**
  - \$4.8 million
  - Applications Due: March 11, 2022 ([GFO-21-604](#))





# Potential Future Funding Concepts

- Microgrids, Resiliency, and Charging
- Local Government Fleet Charging
- DC Fast Charger Corridors
- Innovative Charging
- High Density Level 2 Charging
- Low-Income Residential Charging
- Physical Signage for EV Charging Sites
- Community-Led EV Charging Infrastructure

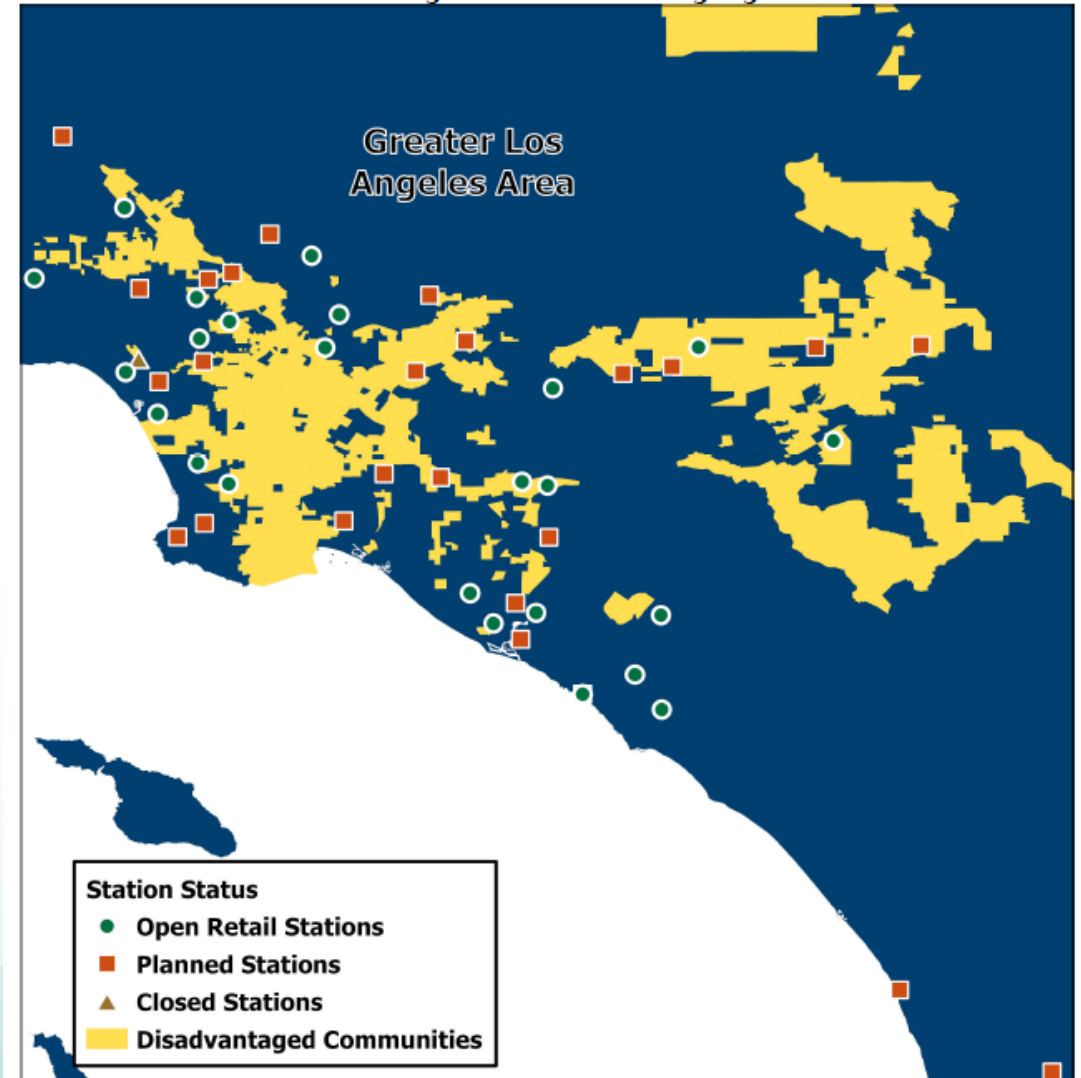




# Hydrogen Refueling Infrastructure

- Status:
  - Operational: 61
  - Planned: 36
- Open + planned light-duty stations in disadvantaged communities: 22
  - Located such that 67% of disadvantaged community residents, and 62% of the overall state population, will be within a 15-minute drive of a station
- Future:
  - Expect more than 177 light-duty stations by 2026

Figure 3: Hydrogen Refueling Station Locations in Southern California With Disadvantaged Communities Highlighted







# Thank You!

Brian Fauble

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