

THE FOUR PILLARS OF ZERO-EMISSION VEHICLE MARKET DEVELOPMENT

Vehicles—Infrastructure—End Users—Workforce

Infrastructure



Fueling infrastructure to support ZEVs includes EV charging and hydrogen fueling stations, catenary systems, and the energy systems that supply them to drive charging and fueling value for end users and the grid.

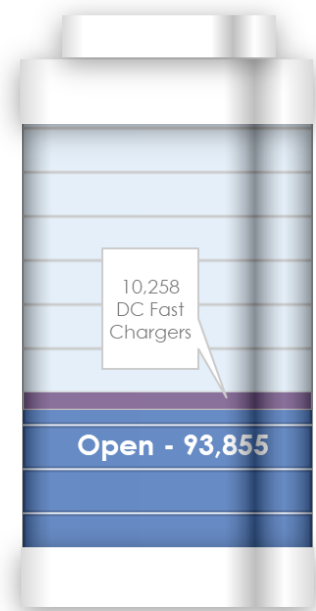
A full definition of this pillar is in [ZEV Market Development Strategy](#).

Targets & Progress (Q4 2024)

Data for this snapshot was current in February 2024. Things may change by the time you read it! Find updated data at the linked sources.

Battery Electric

250,000 chargers for light-duty cars by 2025, including 10,000 DC fast chargers ([EO B-48-18](#))



Getting to 250,000:

37.5%
of total target completed

100%
of DCFC target completed

59%
of local jurisdictions have streamlined permitting processes

Charger data: California Energy Commission, [EV Chargers in California](#)
Permitting Data: GO-Biz, [Plug-In Readiness](#)

Key Policy & Regulatory Actions:

[EO B-48-18](#) and [EO N-79-20](#)
[AB 2127 \(2018\)](#) and [SB 1000 \(2018\)](#)
[AB 1236 \(2015\)](#) and [AB 970 \(2021\)](#)

Hydrogen

200 retail stations by 2025 ([EO B-48-18](#))



Getting to 200:

34%
of total target completed

0%
of local jurisdictions have streamlined permitting processes—but several are making progress on this new requirement!

Station data: California Energy Commission, [Hydrogen Stations in California](#)
Permitting Data: GO-Biz, [Hydrogen Readiness](#)

Key Policy & Regulatory Actions:

[EO B-48-18](#) and [EO N-79-20](#)
[AB 8 \(2013\)](#)
[SB 1291 \(2022\)](#)

