Retail Hydrogen Stations in California

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California’s Retail Hydrogen Fueling Station Network

- 63 existing or planned retail hydrogen stations in California (31 of which are True Zero)
- Stations primarily clustered in the SF Bay Area and the South Coast basin, plus Sacramento, Lake Tahoe, Harris Ranch, Santa Barbara, and San Diego
- Enough capacity to support ~20,000 fuel cell vehicles

Map is courtesy of the California Fuel Cell Partnership
California’s retail hydrogen stations are primarily co-located at existing gasoline service stations.

Goal is to reproduce the retail gasoline experience – credit card swipe at the pump, attach nozzle, and fill.

Fuel cell electric vehicles are filled with gaseous, pressurized hydrogen.

Fill time is less than 5 minutes.
Retail hydrogen stations consist of above ground equipment (usually housed behind a wall or fence), and a customer facing dispenser.

- Majority of California’s retail hydrogen stations get hydrogen fuel delivered to them, but some stations produce fuel on site.
- Today’s retail stations have one or two fueling positions and can fill 50 – 150 cars per day.
Today there are around 7,000 fuel cell electric vehicles on the Road in California. Since January 2016, True Zero has opened 19 stations in its Hydrogen Network, completed more than 315,000 fills, displaced more than 68 Million gasoline miles, and avoided over 43 Million pounds of carbon emissions.