

ENABLING ZERO EMISSIONS
INFRASTRUCTURE

Southern California Hydrogen Fueling Stations



NIKOLA IS PIONEERING A
ZERO EMISSIONS ECOSYSTEM



Class 8

Hydrogen Fuel Cell
Electric & Battery
Electric Trucks



Solutions

Battery Charging Solutions
Hydrogen Production and
Hydrogen Refueling Stations



Network

Dealer network in
place to support
sales and services



Scope

Nikola will build and operate a network of heavy-duty hydrogen refueling stations across California. Nikola has begun acquiring sites and preparing engineering studies to facilitate the transition to safer, cleaner and accessible Zero Emissions Vehicle (ZEV) infrastructure that supports California’s vision of an environmentally responsible transportation sector and improved public health along trafficked routes.

The six stations included in this project enable a faster roll out in the Southern CA region in anticipation of a surge in adoption of hydrogen fuel cell electric trucks utilizing these stations. The six stations are intentionally clustered near highway interchanges and along heavily trafficked goods movement routes: Colton, Ontario, Port of Long Beach/Carson, Hesperia, Rialto and Otay Mesa. The network of stations will include up to 30 extra parking spots for trucks and can accommodate 2+hour staging and rest areas for drivers.

Total Project Construction Cost:

Leveraged Funds*	\$42,800,000
TCEP Funds	\$42,800,000
Total	\$85,600,000

*All leveraged funds committed by Nikola capital.

Estimated Schedule

Site Control	FY 2022
CEQA Clearance	FY 2023
Construction	in advance of FY 2024

Outcomes



Improved Movement of Goods- Outputs

- Six Heavy-Duty Refueling Stations
- Fuel 100 Trucks per day/station
- Up to 30 Truck Parking Spots
- Open to the Public



Improved Community Health

- Air Quality improvements
- Per Nikola FCEV: Annual GHG reductions of 223 metric tons of CO₂/truck, 840 kg/year of NO_x and 31.2 kg of PM 2.5
- Noise reduction: 70dB vs 100dB for diesel truck



Zero Emissions Infrastructure

- Outcomes for enhanced safety
- Disadvantaged community benefits
- Job Pipeline: high paying new Energy Sector jobs