

HVIP: A Decade of Driving California to Clean Trucks and Buses

Launched in 2009, the Hybrid and Zero-Emission Truck Bus Voucher Incentive Project (HVIP) plays a crucial role in the deployment of zero-emission and other clean technologies. HVIP responds to a key market challenge by making clean vehicles more affordable for fleets through point-of-purchase price reductions. With an HVIP voucher, technology-leading vehicles can be as affordable as their traditional fossil-fueled counterparts, enabling fleets of all sizes to deploy advanced technologies that are cleaner and quieter.



HVIP is the earliest model in the United States to demonstrate the function, flexibility, and effectiveness of first-come first-served incentives that reduce the incremental cost of commercial vehicles. HVIP is fleet-focused, providing a streamlined and user-friendly option to encourage purchases and leases of advanced clean trucks and buses throughout California. Approved dealers are a key part of HVIP success and are trained to facilitate the application process.

Dates: 2009 – Present
Grantee: CALSTART
Partners: TetraTech

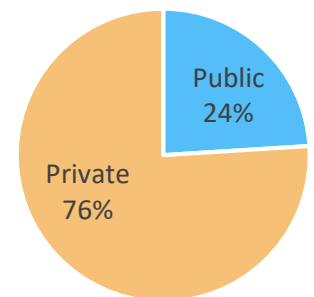
Funding Totals:
8,700 Vouchers Requested: \$510 million
5,600 Vouchers Redeemed: \$218 million

Note: Vouchers are redeemed after the vehicles are built and ready to hit the road

All data current through July 2020



Vouchers Funded by Fleet Type



Vehicles/Equipment Funded

- Catalog has 140+ vehicle models from 30 manufacturers; in 2010, HVIP started with 3 participating manufacturers
- Vocations include freight and drayage trucks, delivery vans, utility vehicles, transit, school, and shuttle buses, refuse trucks and more
- Over 1,400 individual purchasers / fleets have participated
- Nearly 60% of all vouchers are for vehicles domiciled in a disadvantaged community

Project Highlights

- HVIP-funded vehicles have traveled 188 million clean-vehicle miles since 2010
- The State's investment in HVIP has catalyzed an additional \$2.2 billion in of other public and private spending toward these vehicle purchases – over \$4 for every \$1 of HVIP investment, redirected from traditional technologies to clean technologies
- HVIP exemplifies CARB's "theory of change" for how first-success "beachhead" applications such as battery electric transit spread to other technology applications to achieve broader and faster commercialization

Status Updates

- About 80 percent of all HVIP demand occurred in the most recent two years, reflecting the rapid growth in technology availability and market demand
- In fall 2019, HVIP's allocated funding for fiscal year 2019-20 (\$142 million) was oversubscribed, and HVIP closed to new voucher requests until new funding is available

