



HVIP is accelerating the adoption of cleaner bus technologies

The California Air Resources Board, with funding from the California Climate Investments (CCI) and in partnership with CALSTART, administer the Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP) to help fleets – both big and small – invest in the most advanced and cleanest bus technologies available.



It's Quick and Easy

To Get Started, go to CaliforniaHVIP.org

1. Choose your vehicle

HVIP covers many types of buses, including Low-NOx, hydrogen, and electric.

2. Choose an approved vendor

Vehicle dealers and vendors are approved by HVIP to ensure a speedy process.

3. Buy your vehicle at a discount

The incentive is applied at the point of purchase. There's no waiting for a rebate.

4. Start driving and start saving

Enjoy saving money on fuel and reducing emissions with your new clean bus.

Low-NOx Bus Repowers Available Through HVIP

Type	Product	Fuel Type	Incentive Per Vehicle Voucher ¹	Vendor
Repower for Transit Bus	Cummins L9N 8.9-liter Engine Repower	Low-NOx Engine	\$ 50,000	Cummins
	Cummins ISX12N 11.9-liter Engine Repower	Low-NOx Engine	\$ 45,000	Cummins



Cummins Low NOx Natural Gas Engine

1 – Incentives are based on changes approved by the CARB Board for FY 18-19 effective October 26th, 2018.

Zero Emission Buses Available Through HVIP

Type	Product	Fuel Type	Battery	Voucher Incentive ^{1,2}
Articulated Bus	BYD K11 60' Articulated All-Electric Transit Bus	Electric	591 kWh	\$ 175,000
	New Flyer 60' Xcelsior All-Electric Transit Bus	Electric	818 kWh	\$ 175,000
Shuttle	GreenPower EV Star, SYNAPSE All-Electric Shuttle Bus	Electric	70 – 95 kWh 100 – 200 kWh	\$ 90,000 \$ 120,000
	Lightning Systems Ford Transit 350HD Shuttle Bus	Electric	96 kWh	\$ 50,000 - \$ 80,000
	Micro Bird D-Series Electric Shuttle Bus on E450	Electric	88 kWh	\$ 80,000
	Motiv Power Systems EPIC 4 Dearborn on E450 Shuttle Bus	Electric	127 kWh	\$ 80,000
	Phoenix Motor Cars ZEUS 300 Shuttle Bus	Electric	102 – 120 kWh	\$ 80,000
	Zenith Motors Electric Passenger Van	Electric	51.8 – 69 kWh	\$ 50,000
Transit Bus	BYD 23', 30', 35', 40', 45', 45' Double Decker All-Electric Transit Bus	Electric	135 kWh - 500 kWh	\$ 80,000 - \$ 175,000
	Complete Coach Works Zero Emission Propulsion System	Electric	373 kWh	\$ 71,250
	EIDorado National AXESS FC Hybrid 4x2 35', 40' Transit Bus	Hydrogen	N/A	\$ 120,000 \$ 300,000
	Gillig 29', 35', 40' ePlus Battery Electric Low Floor Bus	Electric	296 kWh 444 kWh	\$ 90,000 \$ 120,000 \$ 150,000
	GreenPower EV250 30', EV350 40', EV 550 Double Decker 45' All-Electric Bus	Electric	210 kWh 320 kWh > 478 kWh	\$ 120,000 \$ 150,000 \$ 175,000
	New Flyer Xcelsior 35', 40' All-Electric Transit Bus	Electric	100 – 200 kWh 100 – 300 kWh	\$ 122,000 \$ 152,000
	Proterra 35' & 40' Catalyst FC, FC+, XR, XR+, E2, E2+, E2 Max	Electric	94, 126, 220, 330, 440, 550, 660 kWh	\$ 120,000 - \$ 150,000

1 – Incentives are based on changes approved by the CARB Board for FY 18-19 effective October 26th 2018. Greater incentive value may be possible if vehicles are in a disadvantaged community (DAC).

2 – Incentive for Infrastructure Enhancement: Up to an additional \$30,000/voucher for EVSE and \$100,000/voucher for hydrogen equipment. Incentive distributed on case by case basis.



Phoenix Motors



EIDorado National



Lightning Systems



Complete Coach Works



Proterra



BYD



Zenith



New Flyer Industries



Motiv



Gillig



Greenpower



Micro Bird

CALSTART Contacts

Joey Vollmer, Associate Project Manager, 626-744-5686 jvollmer@calstart.org

Tarah Campi, HVIP Program Manager, 626-744-5628 tcampi@calstart.org

More information available at: www.californiahvip.org