



NYSERDA

New York Truck Voucher Incentive Program

Clean Commercial Transportation Update

May 15, 2020

What is NYTVIP?

- NYTVIP provides point-of-sale discounts (vouchers) to reduce the cost of zero-emission and alternative fuel vehicle technologies
- Vouchers reduce the upfront purchase costs and the payback period associated with clean trucks and buses
- Program brings together vehicle manufacturers, dealers (Contractors), and fleets to get cleaner trucks and buses on the road
- Scrappage ensures removal of the oldest, dirtiest diesel engines from New York State roads

Voucher History

First round was active from 2013 through mid-2018

Technology	# Fleets	# Vehicles	Voucher Funds
DPF	9	124	\$2,452,304.80
EV	18	65	\$5,673,093.00
CNG	4	71	\$3,033,524.00
CNG Conversion	4	15	\$334,272.00
Hybrid (HEV)	22	83	\$1,198,179.20
HEV Conversion	3	236	\$1,830,776.00
Total	60	594	\$14,522,149.00

Voucher Funding Sources

#	Funding Source	NYS Agency	Vehicle Types	Amount
1	CMAQ	NYSDOT	Class 3-8 Battery Electric Vehicles	\$10M
2	Volkswagen Settlement	NYSDEC	Class 8 Trucks	\$3.6M
3			Class 4-7 Trucks	\$4.8M
4			Class 4-8 Electric Transit Buses	\$16.7M
			TOTAL	\$35.1M

Eligible Vehicle Technologies

- Weight classes 3-8 (>10,000 lbs)
- Fuel types:
 - Battery electric (BEV)
 - Hydrogen fuel cell electric (FCEV)
 - Plug-in hybrid electric (PHEV)
 - Conventional hybrid (HEV)
 - Compressed natural gas (CNG)
 - Propane (LPG)
- Repowered vehicles are eligible
 - Must be certified with an operational lifespan of 10 years
 - BEV only

** PHEV, HEV, CNG and LPG engines must comply with 0.02 g/bhp-hr “Low-NOx” standard*

Voucher Amounts: Truck & School/Shuttle Bus

Truck

	Voucher Amounts and Caps						
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GVWR)					
		3*	4	5	6	7	8
BEV	95%	\$ 60,000	\$ 100,000	\$ 110,000	\$ 125,000	\$ 150,000	\$ 185,000
FCEV	95%	\$ -	\$ 100,000	\$ 110,000	\$ 125,000	\$ 150,000	\$ 185,000
PHEV	90%	\$ -	\$ 55,000	\$ 60,000	\$ 70,000	\$ 100,000	\$ 120,000
HEV	90%	\$ -	\$ 25,000	\$ 35,000	\$ 45,000	\$ 50,000	\$ 55,000
CNG	90%	\$ -	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 60,000
Propane	90%	\$ -	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 60,000

*Class 3 BEV eligible for 80% of incremental cost up to cap

*School / Shuttle Bus
(CMAQ counties
only; VW funding not
yet available)*

	Voucher Amounts and Caps						
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GVWR)					
		3	4	5	6	7	8
BEV	80%	\$ 60,000	\$ 90,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 150,000

Voucher Amounts: Transit Bus

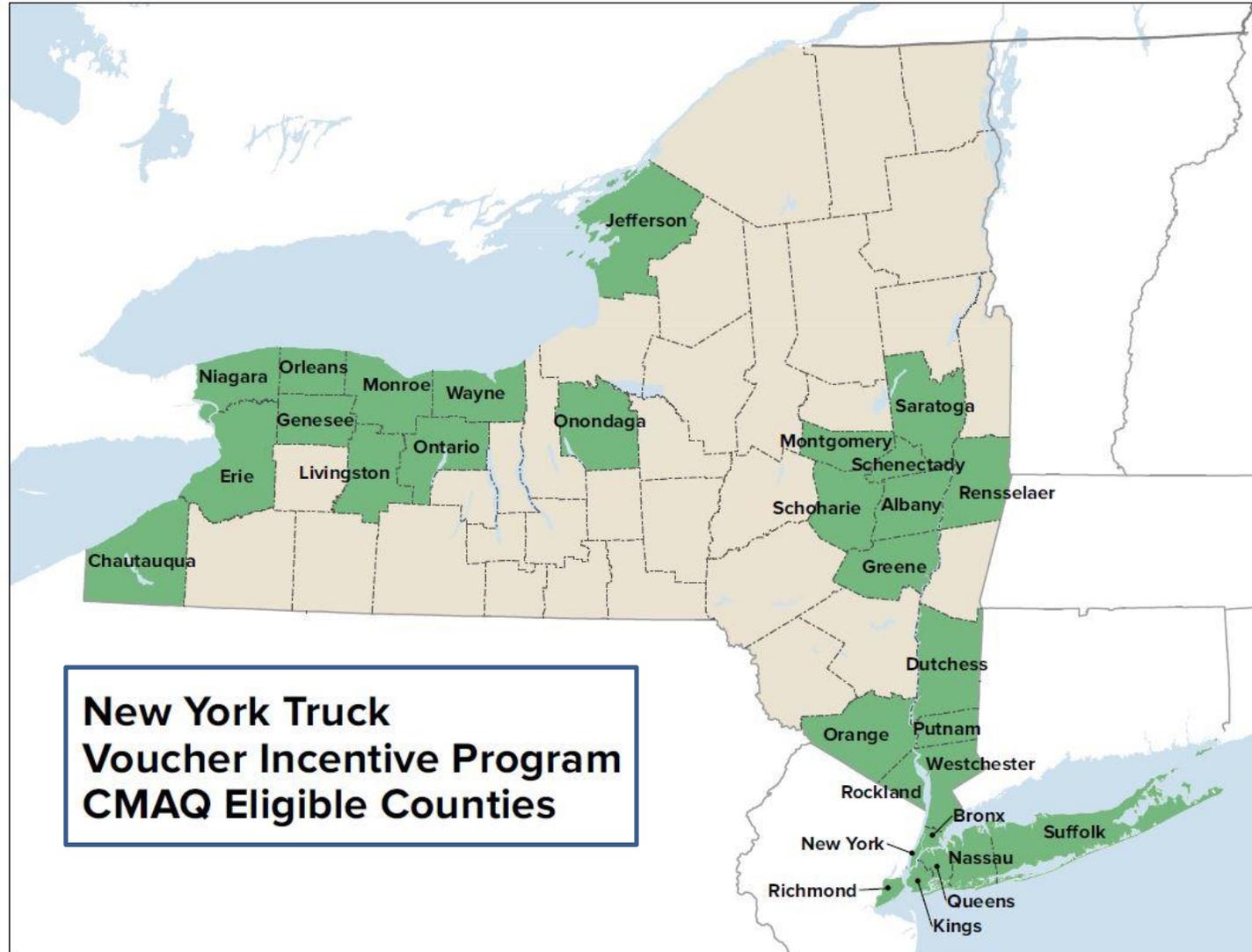
- For entities eligible for VW funding:
 - Scrappage of an existing bus is required
 - Infrastructure support through NYPA will be available

		Voucher Amounts and Caps				
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GVWR)				
		4	5	6	7	8
BEV / FCEV	100%	\$ 100,000	\$ 125,000	\$ 150,000	\$ 250,000	\$ 385,000

- For other entities located in a CMAQ county:

		Voucher Amounts and Caps					
Vehicle Technology	Incremental Cost %	Vehicle Weight Class (GVWR)					
		3	4	5	6	7	8
BEV	80%	\$ 60,000	\$ 90,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 150,000

CMAQ-Eligible Counties



Thank you!

<https://nyserda.ny.gov/truck-voucher-program>

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