

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Resources, Mobile Sources & Technology Development

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2020 Zero Emission Vehicle Credits

As provided for by Section 177 of the federal Clean Air Act, New York State adopted California’s zero emission vehicle (ZEV) standards. New York State incorporates California’s ZEV standards by reference in 6 NYCRR Part 218, specifically Subpart 218-4.1 ZEV Percentages. The ZEV standards incorporated in Part 218 include provisions for the public disclosure of manufacturers’ ZEV credits and annual production data.

Manufacturer Volume Status

The ZEV regulation requires large and intermediate volume manufacturers (LVM and IVM) to deliver and place in service within New York State a certain percentage of ZEVs (battery electric and fuel cell vehicles), plug-in hybrids, hybrids, and clean gasoline vehicles with near-zero tailpipe emissions. The table below lists vehicle manufacturers subject to the 2020 ZEV requirements.

2020 Manufacturer Volume Status	
Large Volume	Intermediate Volume
BMW	Jaguar Land Rover
Fiat Chrysler	Mazda
Ford	Mitsubishi
General Motors	Subaru Corporation
Honda	Tesla
Hyundai	Volvo
Kia	
Mercedes-Benz AG	
Nissan	
Toyota	
Volkswagen	

Manufacturer Requirement

A vehicle manufacturer’s ZEV requirement is based on a percentage of all passenger cars (PC) and light-duty trucks (LDT) up to 8,500 pounds delivered for sale in New York State. The table below is the 2020 New York vehicle production of LVM and IVM.

Large and Intermediate Volume Manufacturer 2020 Vehicle Production Delivered for Sale in NY	
Manufacturer	PC and LDT
BMW	25,473
Fiat Chrysler	100,367
Ford	76,876

General Motors	119,171
Honda	104,627
Hyundai	47,840
Jaguar Land Rover	10,408
Kia	33,289
Mazda	13,991
Mercedes-Benz AG	27,264
Mitsubishi	5,692
Nissan	64,560
Subaru Corporation	44,876
Tesla	7,811
Toyota	81,018
Volkswagen	26,795
Volvo	9,135
TOTAL	799,193

Manufacturer Credit Balances

In complying with the ZEV regulation, LVMs and IVMs deliver and place vehicles in New York State which generate varying credits based on vehicle type. Other entities without a ZEV requirement may also generate credits. The table below lists the credit balances as of August 31, 2021, generated since the start of New York's ZEV program in 2007. ZEV credits are unitless.

New York Zero Emission Vehicle Credit Balances						
Manufacturer	FCV	BEV	BEVx	NEV+	Discount	TZEV
BMW	0.00	3782.62	12,662.03	0.00	0.00	0.00
BYD	0.00	0.00	0.00	0.00	0.00	0.00
Fiat Chrysler	0.00	66,673.38	0.00	46,391.22	0.00	0.00
Ford	0.00	29,283.99	0.00	0.00	(0.01)	0.00
General Motors	0.00	66,617.46	0.00	11,579.64	0.00	0.00
Honda	5,568.32	17,173.02	0.00	0.00	(0.01)	0.00
Hyundai	854.35	1,629.70	0.00	0.00	1,491.87	0.00
Jaguar Land Rover	0.00	1,669.45	0.00	0.00	0.00	30.74
Kia	0.00	4,304.86	0.00	0.00	177.29	0.00
Lightning Systems	0.00	0.00	0.00	0.00	0.00	0.00
Mazda	0.00	236.15	0.00	0.00	0.00	0.00
Mercedes-Benz AG	0.00	8,392.58	0.00	0.00	0.00	2.968.86

Miles	0.00	0.00	0.00	0.00	0.00	0.00
Mitsubishi	0.00	1,808.43	0.00	0.00	1,047.72	517.20
Nissan	0.00	19,407.32	0.00	0.00	0.00	0.00
Polaris	0.00	0.00	0.00	(0.01)	0.00	0.00
Subaru Corporation	0.00	50,456.79	0.00	0.00	3,851.02	0.00
Tesla	0.00	56,454.70	0.00	0.00	0.00	0.00
Toyota	441.04	50,393.26	0.00	0.00	0.00	6,210.98
Vantage	0.00	0.00	0.00	0.00	0.00	0.00
Volkswagen	0.00	13,196.29	0.00	0.00	0.00	0.00
Volvo	0.00	0.00	0.00	0.00	7.86	138.47
Zenith	0.00	62.50	0.00	0.00	0.00	0.00
Zipcar	0.00	0.00	0.00	0.00	470.09	0.00
TOTAL	6,863.71	391,542.50	12,662.03	54,970.85	6,575.74	9,866.25

FCV = Fuel cell electric vehicle

BEV = Battery electric vehicle

BEVx = Range extended battery electric vehicles

NEV+ = Neighborhood Electric Vehicle

TZEV = Transitional Zero Emission Vehicle

Discount = Discounted ATPZEV and PZEV credits following model year 2017

Manufacturer Transfers

Manufacturers may transfer credits between manufacturers and third parties. The tables below list the ZEV credits transferred between October 1, 2020 and August 31, 2021.

New York ZEV Credit Transfers Between October 1, 2020 and August 31, 2021		
Transferor	Type of Vehicle	Number of Credits
Tesla	BEV	9,482.00
	Total	9,482.00

New York ZEV Credit Transfers Between October 1, 2020 and August 31, 2021		
Transferee	Type of Vehicle	Number of Credits
Honda	BEV	5,388.00
Mitsubishi	BEV	1,786.00

Nissan	BEV	2,308.00
	Total	9,482.00

Frequently Asked Questions

What do credit balances mean?

Positive credit balances indicate successful over-compliance with the ZEV regulation. Manufacturers may use these credit balances to provide flexibility in complying with ZEV requirements in future model years or transfer them to other manufacturers. Negative credit balances indicate noncompliance with the ZEV regulation and must be offset within a specified timeframe.

How many vehicles have been placed in service in New York as a result of the ZEV regulation?

As of October 1, 2021, approximately 84,670 ZEVs and plug-in hybrids are currently in service in New York State.¹

For more information, please contact the Bureau of Mobile Sources & Technology Development at (518) 402-8292

¹ <https://www.nyserda.ny.gov/All-Programs/Programs/ChargeNY/Support-Electric/Map-of-EV-Registrations>