

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Resources, Mobile Sources & Technology Development

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2019 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 2019 ZEV requirements.

2019 Manufacturer Volume Status	
Large Volume	Intermediate Volume
BMW	Jaguar Land Rover
Fiat Chrysler	Mazda
Ford	Mitsubishi
General Motors	Subaru Corporation
Honda	Volvo
Hyundai	
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 2019 New York vehicle production of LVM and IVM.

Large and Intermediate Volume Manufacturer 2019 Vehicle Production Delivered for Sale in NY	
Manufacturer	PC and LDT
BMW	30,773
Fiat Chrysler	140,364
Ford	82,251



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General Motors	144,085
Honda	137,803
Hyundai	39,826
Jaguar Land Rover	7,458
Kia	28,866
Mazda	18,391
Mercedes-Benz AG	26,075
Mitsubishi	8,393
Nissan	79,049
Subaru Corporation	60,629
Toyota	102,508
Volkswagen	49,941
Volvo	7,777
TOTAL	964,189

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, 2020, generated since the start of New York's ZEV program in 2007. ZEV credits are unitless.

New York Zero Emission Vehicle Credit Balances					
Manufacturer	ZEV	BEVx	NEV+	TZEV	Discount ATPZEV & PZEV
BMW	4,675.26	14,254.03	0.00	287.56	0.00
Fiat Chrysler	76,024.96	0.00	44,443.29	0.00	0.00
Ford	34,967.78	0.00	0.00	2,470.01	(0.01)
General Motors	79,980.54	0.00	12,845.32	0.00	0.00
Honda	22,559.89	0.00	913.17	426.21	106.06
Hyundai	1,843.04	0.00	0.00	734.44	1,907.37
Jaguar Land Rover	2,327.99	0.00	0.00	0.00	0.00
Kia	5,283.87	0.00	0.00	336.53	430.48
Mazda	2,253.86	0.00	0.00	0.00	0.00
Mercedes-Benz AG	10,699.09	0.00	0.00	3,431.58	0.00
Miles	0.00	0.00	0.00	0.00	0.00
Mitsubishi	22.43	0.00	0.00	451.20	1,047.72
Nissan	23,589.23	0.00	0.00	0.00	0.00

Subaru Corporation	53,553.39	0.00	0.00	165.30	5,014.13
Tesla	34,992.14	0.00	0.00	0.00	0.00
Toyota	57,044.59	0.00	0.00	7848.46	0.00
Volkswagen	15,915.99	0.00	0.00	0.00	176.63
Volvo	0.00	0.00	0.00	71.17	7.86
Zenith	62.50	0.00	0.00	0.00	0.00
Zipcar	0.00	0.00	0.00	0.00	470.09
TOTAL	425,796.55	14,254.03	58,201.77	16,222.46	9160.33

ZEV = Zero Emission Vehicle (battery electric and fuel cell electric)

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

ATPZEV = Advanced Technology Partial Zero Emission Vehicle

PZEV = Partial Zero Emission Vehicle

Manufacturer Transfers

Manufacturers may transfer credits between manufacturers and third parties. The tables below list the ZEV credits transferred between October 1, 2019 and August 31, 2020.

New York ZEV Credit Transfers Between October 1, 2019 and August 31, 2020		
Transferor	Type of Vehicle	Number of Credits
Tesla	BEV	2,850.00
	Total	2,850.00

New York ZEV Credit Transfers Between October 1, 2019 and August 31, 2020		
Transferee	Type of Vehicle	Number of Credits
Mazda	BEV	2,850.00
	Total	2,850.00

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, 2020, approximately 56,120 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>