



2018 Zero Emissions Vehicle Credits

Oregon implements California's rules for Zero Emission Vehicles as allowed under section 177 of the federal Clean Air Act. Oregon Administrative Rules chapter 340, division 257 includes provisions for the public disclosure of manufacturers' ZEV credits in the following manner.

Manufacturer Volume Status

The Zero Emission Vehicle Regulation requires large-volume and intermediate-volume vehicle manufacturers to bring to, and operate in Oregon, a certain percent of zero emission vehicles (such as battery electric and fuel cell vehicles), clean plug-in hybrids, clean hybrids and clean gasoline vehicles with near-zero tail pipe emissions. The table below lists 2018 vehicle manufacturers subject to the ZEV requirements.

2018 Manufacturer Volume Status	
Large Volume	Intermediate Volume
BMW	Jaguar Land Rover
Daimler AG	Mazda
Fiat Chrysler	Subaru Corporation
Ford	Volvo
GM	
Honda	
Hyundai	
KIA	
Nissan	
Toyota	
Volkswagen	

Manufacturer Requirement

A vehicle manufacturer's ZEV requirement is based on a percentage of all passenger cars and light-duty trucks from 0 to 8,500 pounds, delivered for sale in Oregon. The table below is the 2018 vehicle production of large-volume and intermediate-volume manufacturers. These totals do not include Battery Electric Vehicles (BEV).

Large and Intermediate Volume Manufacturer 2018 Vehicle Production Delivered for Sale in OR	
Manufacturer	Passenger and LDT (minus BEVs)
BMW	4,376
Daimler AG	5,451
Fiat Chrysler	17,638
Ford	19,013
GM	17,525
Honda	16,768
Hyundai	4,925
Jaguar Land Rover	584
KIA	6,397
Mazda	4,434

Nissan	4,488
Subaru Corporation	17,808
Toyota	33,339
Volkswagen	8,508
Volvo	1,043
TOTAL	162,297

LDT = light duty truck 0-8500 lbs.

Manufacturer Credit Balances

In complying with the ZEV Regulation, manufacturers operate vehicles in Oregon which generate varying credits based on vehicle type. There are also other parties generating credits that do not have ZEV requirements. The table below lists credit balances as of Aug. 31, 2019 accumulated since the start of Oregon's ZEV program in 2009. These values are in units of ZEV credits.

Manufacturer	FCV	BEV	BEVx	NEV+	DISCOUNT	TZEV
BMW	0.00	1,268.70	3,672.86	0.00	0.00	1,544.17
BYD Motors Inc.	0.00	0.00	0.00	0.00	0.00	0.00
Daimler AG	0.00	1,466.64	0.00	0.00	0.00	5,508.88
Fiat Chrysler	0.00	12,065.50	0.00	0.00	0.00	0.00
Ford	0.00	7,263.60	0.00	1,158.59	198.03	3,285.83
GM	0.00	9,942.63	0.00	0.00	0.00	6,134.47
Honda	1,488.60	2,864.64	0.00	70.49	40.58	3,572.82
Hyundai	866.37	0.00	0.00	0.00	15.49	50.82
Jaguar Land Rover	0.00	143.06	0.00	0.00	13.83	0.00
KIA	666.29	1,198.52	0.00	0.00	12.48	263.97
Mazda	0.00	148.93	0.00	0.00	0.00	0.00
MILES	0.00	0.00	0.00	0.00	0.00	0.00
Mitsubishi	0.00	15.11	0.00	0.00	27.56	31.80
Nissan	482.29	3,493.38	0.00	0.00	0.00	0.00
Polaris	0.00	0.00	0.00	0.00	0.00	0.00
Subaru Corporation	0.00	16,497.99	0.00	0.00	1,730.20	0.00
Tesla	0.00	9,053.98	0.00	0.00	0.00	0.00
Toyota	71.94	14,101.08	0.00	0.00	903.74	2,295.95
VANTAGE	0.00	0.00	0.00	0.00	0.00	0.00
Volkswagen	181.02	2,452.58	0.00	0.00	44.59	880.80
Volvo	0.00	0.00	0.00	0.00	209.22	184.09
ZENITH	0.00	0.00	0.00	0.00	0.00	0.00
Zipcar	0.00	0.00	0.00	0.00	0.00	0.00

ZEV = Zero Emission Vehicle

BEV = Battery Electric Vehicle

NEV = Neighborhood Electric Vehicle

TZEV = Transitional Zero Emission Vehicle

AT PZEV = Advanced Technology Partial Zero Emission Vehicle

PZEV = Partial Zero Emission Vehicle

Manufacturer Transfers

Manufacturers may transfer credits between manufacturers and third parties. Below are Oregon ZEV credits transferred between Oct. 1, 2018 and Aug. 31, 2019.

Transferor	Vehicle Type	Total Credits
None		
	Total	0

Transferee	Vehicle Type	Total Credits
None		
	Total	0

Frequently Asked Questions

How many vehicles have been brought to and operated in Oregon as a result of the ZEV Regulation? As of June 30, 2019, a total of 25,530 ZEVs (fully Electric Vehicles plus Plug-in Hybrid Electric Vehicles) were registered in Oregon.

What do these credit balances mean?

All vehicle manufacturers subject to the ZEV Regulation are in compliance through model year 2018. Positive credit balances represent a successful “over compliance” with the ZEV Regulation. Manufacturers can use these balances to provide flexibility in the timing and production of bringing new clean cars to the market to meet the ZEV requirements in coming years.

How far into the future do these credit balances cover the manufacturers’ ZEV requirement?

Each manufacturer is unique in its strategy of compliance with the ZEV Regulation. It’s not possible to predict how and when these credit balances will be spent over the coming years due to the complexity and flexibility of the regulation.

There are also various mechanisms in the ZEV Regulation that limit how credits are spent. These balances will be taken into account in future amendments to the regulation.

Why is the timeframe for transfers different from previous years?

Previous reports published transfers recorded between October 1 and September 30. This report aligns with the ZEV Regulation which allows manufacturers to file a Supplemental ZEV data report by August 31.

More Information

- [ZEV Regulation](#)