

January 17, 2014

New Jersey Department of Environmental Protection

Division of Environmental Regulation

Air Quality Management

Notice of Motor Vehicles that Qualify as Zero Emission Vehicles (ZEVs) for the 2013

Model Year

Manufacturer	2013 Model	Engine Displ (Liters)	Fuel	Engine Family	Credit
Honda	Clarity FCX	NA	FCH2, Fuel Cell consuming on-board hydrogen	DHNXV00.0AET	Type V
Tesla Motors Inc.	Tesla: Model S (85 kWh Variant)	NA	Lithium ion battery	DTSLV00.0L1S	Type V
Tesla Motors Inc.	Tesla: Model S (60 kWh Variant)	NA	Lithium ion battery	DTSLV00.0L1S	Type IV
Tesla Motors Inc.	Tesla: Model S (40 kWh Variant)	NA	Lithium ion battery	DTSLV00.0L1S	Type III
BYD Auto Co., Ltd.	BYD e6	NA	Lithium ion battery	DBYDV0000001	Type II
Chrysler	Fiat: 500e	NA	Lithium ion battery	DCRXV00.00PR	Type II
CODA Automotive	CODA	NA	Lithium ion battery	DCDAV00.01UA	Type II
Daimler AG	Smart: fortwo electric drive (convertible)	NA	Lithium ion battery	DMBXV00.0ED1	Type II

Daimler AG	Smart: fortwo electric drive (coupe)	NA	Lithium ion battery	DMBXV00.0ED1	Type II
Ford	Focus BEV	NA	Lithium ion battery	DFMXV00.0VAE	Type II
Honda	Fit EV	NA	Lithium ion battery	DHNVX00.05ET	Type II
Nissan	Nissan: LEAF	NA	Lithium ion battery	DNSXV0000LLA	Type II
Toyota	RAV4 EV	NA	Lithium ion battery	DTYXV00.0DA9	Type II
Mitsubishi Motors Corporation	Mitsubishi i-MIEV	NA	Lithium ion battery	DMTXV00.0EWB	Type 1.5
Toyota	RAV4 EV	NA	Lithium ion battery	DTYXV00.0DA6	Type I
Toyota	Scion IQ EV	NA	Lithium ion battery	DTYXV00.0DA6	Type I
Bombardier Recreational Products Inc.	Bombardier: Commander Electric	NA	Lead-acid battery	DBCX00000001	NEV
Club Car, Inc	Carryall 2 LSV (EB13)	NA	Lead-acid battery	DIRC0000001	NEV
Club Car, Inc	Carryall 6 LSV (JB13)	NA	Lead-acid battery	DIRC0000001	NEV
Club Car, Inc	Villager 2 LSV (VR13)	NA	Lead-acid battery	DIRC0000002	NEV
Club Car, Inc	Villager 2 + 2 LSV (VS13)	NA	Lead-acid battery	DIRC0000002	NEV
Columbia Parcar	Columbia Par Car: MG1	NA	Lead-acid battery	DCPC000.0AFD	NEV
Columbia Parcar	Columbia Par Car: MG1	NA	Lithium ion battery	DCPC000.0AFD	NEV

Columbia Parcar	Columbia Par Car: SM2, SM4, SUV-SN, SUV-LN, NEV2	NA	Lead-acid battery	DCPC000.0 SRD	NEV
Columbia Parcar	Columbia Par Car: SM2, SM4, SUV-SN, SUV-LN, NEV2	NA	Lithium ion battery	DCPC000.0 SRD	NEV
Electrical Vehicles International, LLC	EVI: EMEGA	NA	Lithium ion battery	DEV100000 EMG	NEV+
E-Z-Go Division of Textron, Inc.	EZGO: 2Five, Cushman: LSV 800	NA	Lead-acid battery	DEZG00.00 A02	NEV
Polaris Industries Inc.	e2, e4, eS, e4S,eL, eL-XD, e6, e6S	NA	Lead-acid battery	DPOL0000 0002	NEV
Polaris Industries Inc.	GEM: e2, eS, e4, e4S, eL, eL-XD	NA	Lead-battery acid	DPOL0000 0002	NEV+
Polaris Industries Inc.	GEM: e6, e6S	NA	Lead-battery acid	DPOL0000 0002	NEV
Vantage Vehicle International, Inc.	Vantage: EVC1000, EVX1000	NA	Lead-battery acid	DVV10000 072V	NEV+
Vantage Vehicle International, Inc.	Vantage: EVP1000, EVR1000	NA	Lead-battery acid	DVV10000 072V	NEV

“FCH2”= fuel cell consuming on-board stored hydrogen

LiP= Lithium polymer battery

Li+ =Lithium ion battery

Type V ZEV has a range of equal to or greater than 300 miles, must be capable of replacing 95% maximum rated energy capacity in <= 15 minutes.

Type IV ZEV has a range of equal to or greater than 200 miles, must be capable of replacing 95% maximum rated energy capacity in ≤ 15 minutes.

Type III ZEV has a range of equal to or greater than 100 miles, must be capable of replacing 95% maximum rated energy capacity in ≤ 10 minutes, or range of equal to or greater than 200 miles with no fast refueling requirements.

Type II ZEV has a range of equal to or greater than 100 miles.

Type I.5 ZEV has a range of equal to or greater than 75 miles.

Type I ZEV has a range of equal to or greater than 50 miles.

Type 0 ZEV has a range of less than 50 miles.

NEV = Neighborhood Electric Vehicle

NEV+= Neighborhood Electric Vehicle meeting CCR 1962.1(d)(5)(F) specifications and requirements.

Exclusions:

Navistar Type 0 MODEC ZEV, Navistar Type 0 E-Star and Navistar Type 1.5 E-Star, Boulder MDV EV, are not included in the list as they are Medium Duty Vehicle (MDV). NJ Low Emission Vehicle Program only applies to Passenger Cars and Light Duty Vehicle under 8,500 lbs GVW.