

January 7, 2013

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 2011 Model Year

Manufacturer	2011 Model	Engine Displ (Liters)	Fuel	Engine Family	Credit
Honda	FCX Clarity	NA	FCH2, Fuel Cell consuming on-board hydrogen	BHNV00.0AET	Type V
Toyota	Toyota FCHV-adv	NA	FCH2, Fuel Cell consuming on-board hydrogen	BTYX00.0DA7	Type V
Daimler AG	Mercedes Benz F-Cell	NA	Fuel cell consuming on-board stored hydrogen	BMBXV00.0FC1	Type IV
Tesla Motors Inc.	Tesla: Type 001; Roadster	NA	Lithium ion battery	BTSLV00.0M6X	Type III
BMW	1 series Active E	NA	Lithium ion battery	BBMXV00.0E82	Type II

Nissan	Leaf	NA	Lithium ion battery	BNSXV0000LLA	Type II
Think North America Inc	Think City	NA	Lithium ion battery	BTHKV00.00SL	Type II
Azure Dynamics Inc	Azure Dynamics Transit Connect Electric	NA	Lithium ion battery	BAZDT00.000	Type 1.5
Daimler AG	Smart: FORTWO Cabriolet; FORTWO ED Coupe	NA	Lithium ion battery	BMBXV00.0ED1	Type 1.5
Wheego Electric Cars, Inc.	2011 Wheego LiFe	NA	Lithium ion battery	BWHE000.0115	Type 1.5
Chrysler Group Global Electric Motorcars LLC	GEM: e2, e4, eS, eL, eL-XD	NA	Lead-acid battery	BGEM0000001	NEV+
Chrysler Group Global Electric Motorcars LLC	GEM: e6	NA	Lead-acid battery	BGEM0000001	NEV
Club Car Inc.	Villager 2 LSV (VR11) Villager 2+2 LSV (VS11)	NA	Lead-acid battery	BIRC00000002	NEV
Columbia Parcar	Columbia Parcar: MG1	NA	Lead-acid battery	BCPC000.0AFD	NEV
Columbia Parcar	Columbia Parcar: MG1	NA	Lithium ion	BCPC000.0AFD	NEV

			battery		
Columbia Parcar	Columbia Parcar: SM2, SM4, SUV, NEV2	NA	Lead- acid battery	BCPC000.0 SRD	NEV
Columbia Parcar	Columbia Parcar: SM2, SM4, SUV, NEV2	NA	Lithium ion battery	BCPC000.0 SRD	NEV
CT&T America	e-Zone c-Zone NEV	NA	Lead- acid battery	BCTT000.0 N48	NEV(PC)
CT&T America	e-Zone c-Zone NEV	NA	Lead- acid battery	BCTT000.0 N48	NEV(LDT)
Electric Vehicles International, Inc.	EVI: EMEGA	NA	Lithium ion battery	BEV100000 EMG	NEV
E-SUV LLC, DBA E-Ride Industries	E-Ride EXV2 E-Ride EXV4	NA	Lead- acid battery	BESV000.0 317	NEV
E-Z-Go Division of Textron, Inc	EZGO- 2FIVE	NA	Lead- acid battery	BEZG00.00 A02	NEV
Fairplay Electric Cars, LLC	Fairplay: EVE 4P (8) 6V (DC250-6)	NA	Lead- acid battery	BFPL000.0 48A	NEV

FAIRPLAY ELECTRIC CARS, LLC.	FAIRPLAY: EVE 2P (6) 8V (T-875), EVE 4P (6) 8V (T .. 75), EVE 2P (8) 6V (T-105), EVE 4P (8) 6V (T-105), EVE 2P (6) 8V (DC180 ..), EVE 4P (6) 8V (DC180)	NA	Lead-acid battery	BFPL000.048D	NEV (PC)
Polaris Industries Inc	Polaris: EV LSV	NA	Lead-acid battery	BP0L00000003	NEV (LDT)
Polaris Industries Inc	Polaris: Breeze SL	NA	Lead-acid battery	BP0L00000001	NEV (PC)
Polaris Industries Inc	GEM: e2, e4, eS, eL, eL -XD	NA	Lead-acid battery	BP0L00000002	NEV+
Polaris Industries Inc	GEM: e6	NA	Lead-acid battery	BP0L00000002	NEV
Taylor-Dunn Manufacturing Company	Trident: LSV T2, LSV T2XL	NA	Lead-acid battery	BTYD000.0010	NEV
Tomberlin Automotive Group	Tomberlin: AVL, E-Motion, E-Merge: E2, E2LE, E4, E4LE, Encompass, 48SS, Lily Pulitzer E-	NA	Lead-acid battery	BTMB000.0ZEV	NEV

	Merge, Shelby GT-500, Vanish				
Vantage Vehicle International, Inc	EVC1000; EVX1000	NA	Lead- acid battery	BVV10000 072V	NEV+(LDT)
Vantage Vehicle International, Inc	EVP1000; EVR1000	NA	Lead- acid battery	BVV10000 072V	NEV (LDT)
Wheego Electric Cars	2011 Wheego LiFe	NA	Lead- acid battery	BWHE000. 0115	NEV (PC)

“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 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.