

November 13, 2020
New Jersey Department of Environmental Protection

2019 Model Year Clean and Efficient Vehicle List

Manufacturer	Make	2019 Model	Fuel Type¹	Total Range (miles)	Fuel Economy combined City/Hwy	EPA Air Pollution Score²	EPA Greenhouse Gas Score³	EPA Smartway⁴	EPA Size Class
Bayerische Motoren Werke AG	BMW	I3 (120AH) I3s (120 AH)	Battery	153	113 MPGe	10	10	Yes, Elite	subcompact car
Bayerische Motoren Werke AG	BMW	I3 (120AH) with Range Extender I3s (120 AH) with Range Extender	Plug-in Hybrid	200	100 MPGe 31 MPG	7	10	Yes, Elite	subcompact car
Bayerische Motoren Werke AG	BMW	530e	Plug-in Hybrid	370	72 MPGe 29 MPGe	7	10	Yes, Elite	compact car
Bayerische Motoren Werke AG	BMW	530e xDrive	Plug-in Hybrid	360	67 MPGe 28 MPG	7	10	Yes, Elite	compact car
Daimler AG	Mercedes Benz	GLC 350e 4Matic	Plug-in Hybrid	350	56 MPGe 25 MPG	7	9	Yes	small SUV 4WD
Daimler AG	Smart	Smart EQ ForTwo (Coupe)	Battery	58	108 MPGe	10	10	Yes, Elite	two seater
Daimler AG	Smart	Smart EQ ForTwo (Convertible)	Battery	57	102 MPGe	10	10	Yes, Elite	two seater
FCA US LLC	Chrysler	Pacifica Hybrid	Plug-in Hybrid	520	82 MPGe 30 MPG	7	10	Yes, Elite	minivan 2WD
FCA US LLC	Fiat	500e	Battery	84	112 MPGe	10	10	Yes, Elite	minicompact
Ford Motor Company	Ford	Fusion Energi Plug-In Hybrid	Plug-In Hybrid	610	103 MPGe 42 MPG	7	10	Yes, Elite	midsize car
General Motors LLC	Chevrolet	Bolt	Battery	238	119 MPGe	10	10	Yes, Elite	small station wagon
General Motors LLC	Chevrolet	Volt	Plug-In Hybrid	420	106 MPGe 42 MPG	7	10	Yes, Elite	compact car
Honda Motor Co., Ltd	Honda	Clarity Electric	Battery	89	114 MPGe	10	10	Yes, Elite	midsize car
Honda Motor Co., Ltd	Honda	Clarity Fuel Cell	Fuel Cell	360	68 MPGe	*	*	*	midsize car
Honda Motor Co., Ltd	Honda	Clarity Plug-in Hybrid	Plug-in Hybrid	340	110 MPGe 42 MPG	8	10	Yes, Elite	midsize car
Hyundai Motor Company	Hyundai	Kona Electric	Battery	258	120 MPGe	10	10	Yes, Elite	small SUV 2WD
Hyundai Motor Company	Hyundai	Ioniq Electric	Battery	124	136 MPGe	10	10	Yes, Elite	midsize car
Hyundai Motor Company	Hyundai	Ioniq Plug-In Hybrid	Plug-In Hybrid	630	119 MPGe 52 MPG	7	10	Yes, Elite	midsize car
Hyundai Motor Company	Hyundai	Nexo	Fuel Cell	354	57 MPGe	*	*	*	small SUV 2WD
Hyundai Motor Company	Hyundai	Nexo Blue	Fuel Cell	380	61 MPGe	*	*	*	small SUV 2WD
Hyundai Motor Company	Hyundai	Sonata Plug-in Hybrid	Plug-In Hybrid	600	99 MPGe 39 MPG	7	10	Yes, Elite	midsize car
Jaguar Land Rover Limited	Jaguar	I-Pace	Battery	234	76 MPGe	*	10	*	small SUV 4WD

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Jaguar Land Rover Limited	Land Rover	Range Rover PHEV Range Rover Sport PHEV	Plug-in Hybrid	480	42 MPGe 19 MPG	*	8	*	standard SUV 4WD
Kia Motors Corporation	Kia	Niro Electric	Battery	239	112 MPGe	10	10	Yes, Elite	small station wagon
Kia Motors Corporation	Kia	Niro Plug-In Hybrid	Plug-In Hybrid	560	105 MPGe 46 MPG	7	10	Yes, Elite	small station wagon
Kia Motors Corporation	Kia	Optima Plug-In Hybrid	Plug-In Hybrid	610	103 MPGe 40 MPG	7	10	Yes, Elite	midsize car
Kia Motors Corporation	Kia	Soul Electric	Battery	111	108 MPGe	10	10	Yes, Elite	small station wagon
Mitsubishi Motors Corporataion	Mitsubishi	Outlander Plug-in Hybrid	Plug-In Hybrid	310	74 MPGe 25 MPG	7	10	Yes, Elite	small SUV 4WD
Nissan Motor Company, LTD	Nissan	Leaf (40 kW-hr battery pack) all models	Battery	150	112 MPGe	10	10	Yes, Elite	midsize car
Nissan Motor Company, LTD	Nissan	Leaf S Plus (62 kW-hr battery pack)	Battery	226	108 MPGe	10	10	Yes, Elite	midsize car
Nissan Motor Company, LTD	Nissan	Leaf SV Plus & SL Plus (62 kW-hr battery pack)	Battery	215	104 MPGe	10	10	Yes, Elite	midsize car
RIMAC Automobili D.O.O	Rimac	Concept one	Battery	*	*	*	*	*	*
Subaru Corporation	Subaru	Crosstrek Plug-in Hybrid	Plug-in Hybrid	480	90 MPGe 35 MPG	7	10	Yes, Elite	small SUV 4WD
Tesla Inc.	Tesla	Model 3 Mid Range	Battery	264	123 MPGe	10	10	Yes, Elite	midsize car
Tesla Inc.	Tesla	Model 3 Long Range RWD	Battery	310	130 MPGe	10	10	Yes, Elite	midsize car
Tesla Inc.	Tesla	Model 3 Long Range AWD	Battery	310	116 MPGe	10	10	Yes, Elite	midsize car
Tesla Inc.	Tesla	Model 3 Long Range AWD Performance	Battery	310	116 MPGe	10	10	Yes, Elite	midsize car
Tesla Inc.	Tesla	Model 3 Standard Range	Battery	220	131 MPGe	10	10	Yes, Elite	midsize car
Tesla Inc.	Tesla	Model 3 Standard Range Plus	Battery	240	133 MPGe	10	10	Yes, Elite	midsize car
Tesla Inc.	Tesla	Model S 75D	Battery	259	103 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model S 100D	Battery	335	102 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model S P100D	Battery	315	98 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model S Long Range	Battery	370	111 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model S Performamce (19" Wheels)	Battery	345	104 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model S Performamce (21" Wheels)	Battery	325	97 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model S Standard Range	Battery	285	109 MPGe	10	10	Yes, Elite	large car
Tesla Inc.	Tesla	Model X 75D	Battery	238	93 MPGe	10	10	Yes, Elite	standard SUV 4WD

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Tesla Inc.	Tesla	Model X 100D	Battery	295	87 MPGe	10	10	Yes, Elite	standard SUV 4WD
Tesla Inc.	Tesla	Model X P100D	Battery	289	85 MPGe	10	10	Yes, Elite	standard SUV 4WD
Tesla Inc.	Tesla	Model X Long Range	Battery	325	96 MPGe	10	10	Yes, Elite	standard SUV 4WD
Tesla Inc.	Tesla	Model X Performance (20" Wheels)	Battery	*	*	*	*	*	*
Tesla Inc.	Tesla	Model X Performance (22" Wheels)	Battery	270	79 MPGe	10	10	Yes, Elite	standard SUV 4WD
Tesla Inc.	Tesla	Model X Standard Range	Battery	*	*	*	*	*	*
Toyota Motor Corporation	Toyota	Mirai	Fuel Cell	312	67 MPGe	*	*	*	subcompact car
Toyota Motor Corporation	Toyota	Prius Prime	Plug-in Hybrid	640	133 MPGe 54 MPG	7	10	Yes, Elite	midsize car
Volkswagen Group of America, Inc.	Audi	E-tron 55 Quattro	Battery	204	74 MPGe	10	10	Yes, Elite	standard SUV 4WD
Volkswagen Group of America, Inc.	Volkswagen	E-Golf	Battery	125	119 MPGe	10	10	Yes, Elite	compact car
Volvo Car Corporation	Volvo	S60 T8 AWD Plug-In Hybrid	Plug-In Hybrid	520	74 MPGe 31 MPG	7	10	Yes, Elite	compact car
Volvo Car Corporation	Volvo	S90 T8 AWD Plug-In Hybrid	Plug-In Hybrid	490	71 MPGe 29 MPG	7	10	Yes, Elite	midsize car
Volvo Car Corporation	Volvo	XC60 T8 AWD Plug-In Hybrid	Plug-In Hybrid	500	58 MPGe 26 MPG	7	9	Yes	small SUV 4WD
Volvo Car Corporation	Volvo	XC90 T8 AWD Plug-In Hybrid	Plug-In Hybrid	490	58 MPGe 25 MPG	7	9	Yes	standard SUV 4WD
Please Note: While Neighborhood Electric Vehicles (NEVs) are zero emission vehicles and are exempt from sales tax in New Jersey, they have not been included in this list because NEVs are registered as Low Speed Vehicles and are generally restricted to operating on roads with posted speed limits of 25 MPH or less. In addition, NEVs do not have an EPA Air Pollution score, Greenhouse Gas score, Smartway rating, or fuel economy rating. *2019 EPA Fuel Economy information is currently not available, please check back for updates. Check prior year's lists for information on prior model years.									
¹Fuel Type: Battery - vehicle uses rechargeable batteries to power the vehicle. Fuel Cell - vehicle uses compressed hydrogen fed into a fuel cell "stack" to produce electricity to power the vehicle. Plug-In Hybrid - vehicle uses gasoline and rechargeable batteries to power the vehicle. The batteries are recharged by plugging into an external source of electric power.									

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² <u>EPA Air Pollution Score:</u> This score reflects the tailpipe emissions for which the vehicle was certified to comply with that contribute to local and regional air pollution, creating problems such as haze, and health issues. The pollutants include Oxides of Nitrogen (NOx), Hydrocarbon (NMOG etc), Carbon Monoxide (CO), Particulate Matter (PM) and Formaldehyde (HCHO). This score can range from 0 to 10, with the higher the better.									
³ <u>EPA Greenhouse Gas (GHG) Score:</u> This score reflects emissions of carbon dioxide (CO2) and other greenhouse gases. This score is based on the vehicle's fuel economy, emissions of methane (CH4) and nitrous oxide (N2O), which are largely dependent on a vehicle's emission control technology, with adjusted global warming potential. Each fuel creates different scores due to different carbon content and [can] varies from a range from 0 to 10, with higher fuel economy receiving a higher Greenhouse Gas Score									
⁴ <u>EPA SmartWay/SmartWay Elite:</u> The SmartWay designation is earned by those vehicles that have combined Air Pollution and GHG Score that place them in the top tier of environmental performers. SmartWay Elite vehicles must have a minimum GHG Score of 10 and a minimum Air Pollution Score of 7. SmartWay vehicles must have a minimum GHG Score of 7 and minimum Air Pollution Score of 3.									
<u>EPA Fuel Economy information can be obtained from:</u> http://www.fueleconomy.gov/feg/download.shtml http://www.fueleconomy.gov/feg/findacar.shtml									