The Electric Vehicle Association of Greater Washington DC

evadc.org

2017 Electric Vehicle Information Sheet


Zero S


Smart i-MiEV


LEAF


Bolt


Volt


Soul EV


Ioniq


Optima


Fusion Energi


Audi A3 e-tron


BMW 330e


BMW X5


BMW 740e


Volvo XC90


Panamera 4 E-Hybrid


Cayenne S E-Hybrid


Tesla Model 3


Tesla Model S


Tesla Model X


Empulse


Sonata


Pacifica minivan


Focus Electric


Prius Prime


C-MAX Energi


VW e-Golf


BMW i3


Cadillac CT6


Mercedes B250e


Mercedes GLE550e


Mercedes C350e


Mercedes S550e


Karma

BMW i8

		Base Price (USD)[1]	Net Price (USD)[2]	Range (mi)[3]	Batt. (kWh)	Speed (mph)	MPG equiv[3]	Fuel / Mo.[4]	QC[5]
Electric	Zero S ZF6.5	$10,995	$10,995	61*	6.5^	91	475*	——	Y
	Victory Empulse TT	$19,999	$19,999	94*	10.4	100*	——	$19*	
	Mitsubishi i (i-MiEV)	$22,995	$15,495	62	16	80	112	$50	Y
	Smart electric	$25,000	$17,500	68	17.6	78	107	$50	
	VW e-Golf	$28,995	$21,495	83	24.2	87	116	$46	Y
	Ford Focus Electric	$29,170	$21,670	76	23	84	105	$50	
	Nissan LEAF S	$30,680	$23,180	107	30	90	112	$50	Y
	Fiat 500e	$31,800	$24,300	87	24	85	112	$50	
	Kia Soul EV	$31,950	$24,450	93	27	90	105	$50	Y
	Hyundai Ioniq Elect.	——	——	124	28	102	136	$42	Y
	Tesla Model 3	$35,000	——	215*	——	——	——	——	Y
	Chevy Bolt	$36,620	$29,120	238	60	90	119	$46	Y
	Mercedes B250e	$39,999	$32,499	87	28	101	84	$67	
	BMW i3 (+ gas opt.)	$43,600	$36,100	114	33^	93	124	$46	Y
	Tesla Model S 90D	$89,500	$82,000	294	90^	155	89	$62	Y
	Tesla Model X 90D	$98,800	$91,300	257	90^	155	92	$58	Y
Electric & Gas	Toyota Prius Prime	$24,685	$20,183	25+gas	8.8	84	133	$46	
	Kia Optima Plug-In	$26,845	$22,145	29+gas	9.8	125	103	$63	
	Ford C-Max Energi	$27,120	$23,113	20+gas	7.6	102	88	$62	
	Chevy Volt	$33,220	$25,720	53+gas	18.4	100	106	$54	
	Ford Fusion Energi	$31,120	$27,113	20+gas	7.6	104	88	$62	
	Hyundai Sonata	$34,600	$29,681	27+gas	9.8	125	99	$58	
	Chrysler Pacifica hyb	$41,995	$34,495	33+gas	16	——	80*	——	
	Audi A3 e-tron	$38,900	$34,732	17+gas	8.8	130	86	$71	
	BMW 330e	$43,700	$39,699	22+gas	7.6	140	71	$104	
	Mercedes C350e	$45,490	$42,516	18*+gas	6.4	155	——	——	
	BMW X5 xdrive40e	$62,100	$57,432	14+gas	9.2	130	56	$117	
	Mercedes GLE550e	$66,300	$62,215	19+gas	8.8	130	43	$154	
	Volvo XC90 T8	$68,100	$63,515	13+gas	9.2	140	53	$112	
	Cadillac CT6 PHEV	$75,095	$67,595	30+gas	18.4	150	——	——	
	Porsche Cayenne	$77,200	$71,865	14+gas	10.8	151	47	$142	
	BMW 740e	$89,100	$84,432	14+gas	9.2	155	64	$117	
	Mercedes S550e	$95,650	$91,607	12+gas	8.7	130	58	$108	
	Porsche Panamera	$99,600	$92,472	31*+gas	14.1	173	——	——	
	Karma Revero	$130,000	$122,500	50*+gas	21.4	125	——	——	Y
	BMW i8	$140,700	$136,907	14+gas	7.1	155	76	$96	

EVA/DC is providing the following for informational purposes only. We do not endorse or recommend any specific vehicle manufacturer or distributor. Information subject to change.

1. Base price before tax incentives, destination.
2. Net price after federal tax credit. State credits may still apply. Consult tax advisor.
3. EPA combined city/highway, except as noted
4. EPA, 15000 miles/year, 12¢ / kWh
5. DC Quick / Fast Charge optional

* Source: Vehicle Manufacturer

^ Multiple battery sizes available

The Electric Vehicle Association of Greater Washington DC

evadc.org

2017 Electric Vehicle Information Sheet

Where do Electric Vehicles charge?

1. Primarily **at home overnight**, using the surplus electricity of the grid.
2. At one of many **public charging stations** in the area, and at work.
3. At new **fast charging stations** now being installed in the area.

Typical Monthly Electricity Cost?
Less than $40 to drive 1000 miles / month
Typical gas car: $110 of gas @ $3 / gallon

Why Drive Electric?

Performance - Instant torque makes driving fun again
Silent and Smooth - Electric motor is whisper quiet, no vibration
Practicality - Range exceeds most daily needs of 40 miles
Reliability - Simple drivetrain has few moving parts to repair
Better Fuel Economy - Go 100 miles on $4 of electricity
Clean Energy - Electricity can be made from renewable sources
National Security - Domestic electricity instead of foreign oil

How long does it take to charge?

Level 1: 120V AC (regular outlet)
Reclaim 5 miles per hour charging
Level 2: 240V AC (J1772 / dryer plug)
Reclaim 15-60 miles per hour charging
Fast Charge: 480V DC
Full charge in 25-60 minutes
Actual times depends on vehicle

Home Charging

Typically costs **4 ¢ / mile**. (3 mi / kWh, 12 ¢ / kWh)

Charge using an **ordinary 120V outlet**.
Dedicated circuit recommended.

Install a home 240V charging station for faster charging at home. $400-$1000 + installation

Public Charging

Cost varies by station, free - 49 ¢ / kWh

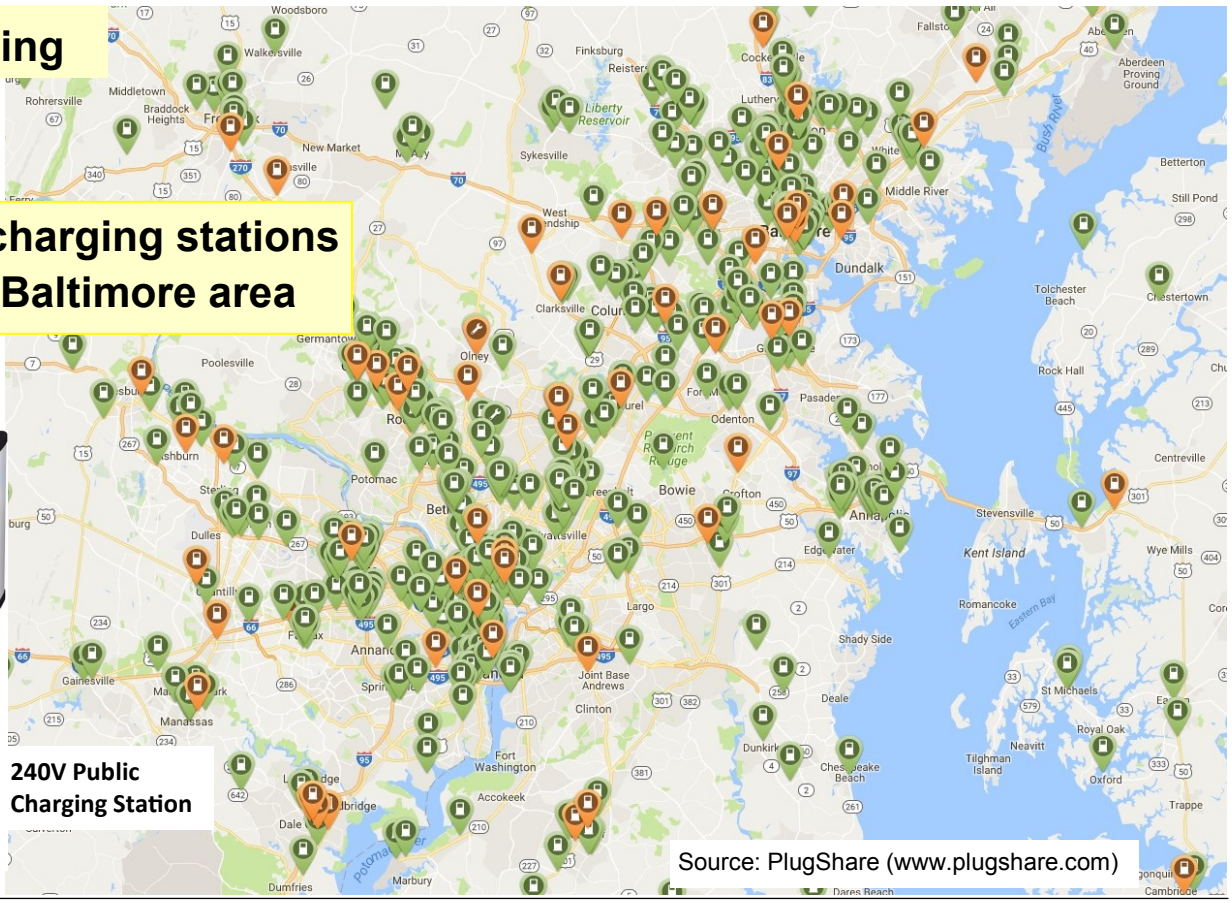
1000+ public charging stations in the DC & Baltimore area

nrgevgo.com eVgo

semaconnect.com

chargepoint.net

blinknetwork.com



Incentives

Federal Tax Credits
Vehicle: up to **$7500**
EVSE: up to **$1000**

DC:	EV Supply Equipment (EVSE) Tax Credit - 50% of cost up to **$1000**
	Exemption from excise tax imposed on original certificate of title
	Reduced vehicle registration fee of $36
Maryland:	Excise Tax Credit, $100 per kWh battery, $60K max price (proposed)
	EV Supply Equipment (EVSE) Tax Credit - 50% of cost (proposed)
	High Occupancy Vehicle (HOV) Lane Exemption through Sep. 2017
Virginia:	Reduced personal property tax in Arlington and Loudon counties
	Discounted electricity rates for off-peak residential EV charging

Version 20170123