FACTS AND INFO

Why EVs?
EVs offer the best and cheapest alternative to petroleum-based transportation and are fun to drive.

Can EVs go fast?
Yes! For real speed, check out the National Electric Drag Racing Association (nedra.com).

EVs just move the pollution, don't they?
EVs are 90% cleaner than the newest gasoline-powered cars even when the effects of electricity generation are factored in. Even better when your juice comes from solar panels or wind power, like Bryan Murtha's RAV4 EV.

Are EVs practical?
Yes. Studies show that 80% of daily commuting is less than 40 miles. EVs require no warm-up period and are the perfect transportation option.

Where do you fill up an EV?
EVs are primarily charged at home overnight, using surplus electricity. There are going to be more and more public charging locations (evchargernews.com).

Are EVs expensive to purchase?
Not when you consider the total lifetime costs. As production volumes increase, EVs will cost no more than conventional cars and trucks in every price range.

Are EVs expensive to operate?
No. A 60 kW Tesla Model S costs 3.3 cents per mile to operate in the DC area. EVs are nearly maintenance free (no smog checks, oil changes, or tune-ups). At $4.00 per gallon, a gasoline-powered car must average 60.4 mpg to match this!

Do batteries pollute landfills?
Batteries are made from precious metals and are recycled for their value. In some cases batteries removed from EVs are used in backup power supplies.

For questions or additional information contact any of the following:

president@evadc.org
vice-president@evadc.org
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Electric Vehicle Association of Washington DC
www.evacc.org

GREATER WASHINGTON, DC

Promoting the use of EV's as an environmental and energy alternative

www.evadc.org
The Electric Vehicle Association of Greater Washington, D.C. is an organization of electric vehicle owners, educators, hobbyists and enthusiasts dedicated to promoting the use of electric vehicles (EVs) as an environmental and energy benefit to society. EVA/DC was formed in 1980 as a chapter of the nationwide Electric Auto Association (EAA), and holds regular monthly meetings, public displays, car shows and tech sessions to exchange information.

**Something for Everyone**

Many EVA/DC members don’t own an EV, but attend meetings to learn more about the technology. Those who have EVs include members who converted vehicles themselves, or purchased a new OEM EV such as the Tesla Roadster and Model S, Nissan Leaf, Think City, Smart EV, Chevy Volt, Mitsubishi MIEV and Ford Focus EV.

Some members of EVA/DC are supporting the EV industry in one form or another with their infrastructure and consulting business, conversions or selling and repairing light electric vehicles such as electric bicycles and scooters.

**Education**

EVA/DC actively supports educational efforts including local high school and elementary school EV competitions, where students gain valuable hands on experience in science, technology, engineering and math (STEM). Members are frequently called upon to display their cars at area schools, environmental fairs, automobile shows, parades and other public events. It’s not unusual for a local EV driver to be stopped in public by curious onlookers for a peek under the hood - often accompanied by an impromptu question and answer session.

**Plugged-In to the Future**

Several of our members are not only plugged into EVs but to other sustainable technologies as well. Solar energy is one way our members have plugged-into the future by installing solar panels to assist in charging their vehicles.

If you are interested in joining the club, fill out the convenient membership application or join via the website. For more information on EVA/DC, new EVs coming on the market, and monthly meeting schedules, visit the website at www.evadc.org.