

THE POWER OUTLET

APRIL 2022 NEWSLETTER of DRIVE ELECTRIC WASHINGTON



***A monthly update about
electric vehicle activities
around the State of
Washington***

Drive Electric Washington is a collaboration of groups throughout the State of Washington working together to accelerate the adoption of plug-in electric vehicles. The all-volunteer non-profit was founded by electric vehicle advocates in 2017 and now is focusing on outreach to volunteer electric transportation advocates across the state to coordinate and share efforts among groups. We would like to invite you to join this effort and keep informed by contributing to and sharing this free monthly newsletter.

DEWA has a [Facebook](#) page, too! Please like and follow us for up-to-the-minute updates.

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- **Resources** and links to Washington EV clubs, associations, charging networks and everything you need for the best electric driving experience and for the future of sustainable transportation.

EV NEWS

**HAPPY
EARTH
DAY!**

April 22, 2022

*Photo from 2017 Earth Day
event in Seattle.*



Washington State Enacts 2030 Target for Fossil Fuel Phaseout – National media coverage followed the approval of the Clean Cars 2030 legislation in Olympia, which was signed into law by Governor Inslee on March 25. Here is one article from [Electrek](#). Here is more from [Inside EVs](#). Read more at [Coltura.org](#).



Rising gas prices could boost EV sales – Local and national media coverage of high gasoline prices has many speculating that the low cost of operating electric vehicles could boost sales. Currently, both new and used EVs are in high demand in Washington with long wait times for delivery. Here is some [local news](#).

As the adoption of electric vehicles rises, we are reminded of a fun video about the [adventures of Nozzie](#).

SPOTLIGHT

Electric Driving in Olympia

A testimonial by Robert Roth

Retired electrical engineer

I purchased a Tesla model 3 in December 2019 and have driven 43,000 miles with most days of charging at my home in Olympia. In fact, trips to Mt Rainer, the ocean beaches and Seattle rarely require a hit from the fast charging network. I used charging outside of the home only about 16 days out of about 820 days of travel. In those stops I charged for an average of 10 minutes. So my experience with charging an EV has been just like a cell phone. Plug it in at night and use it the next day.



My fuel cost average is \$0.023 per mile, and zero maintenance cost for two years. In year three, my windshield was hit by a rock and I had a slow air leak repaired on one tire. So far the repairs and maintenance cost have been very low.

Clearly range anxiety is not an issue for me. I plan a trip to Ashland soon and that will require two stops of 20 minutes each for fuel from a fast-charging network. That is not an issue for a 400-mile trip.

If you are thinking about an EV and worried about range, first determine your total miles per year. The average in the US is 13,500 or 37 miles a day. If your longest trip is say 150 miles round trip and most of your use is about 37 miles a day, you can use home charging for 100 percent of your needs. Installing access to 220-volt charging will be needed for your EV to charge 200 miles in four to five hours overnight while you sleep. For me that cost was \$1,500 for both the hardware and installation by an electrician.

My 16-year-old granddaughter learned to drive on this EV, so it is pretty easy to use.

Final point – I love driving the car.

EVENTS



Mill Creek Electric Rides Event – Saturday, April 23, 11 a.m.-4 p.m., Advent Lutheran Church, 4306 132nd Ave. SE, Mill Creek. Featuring Tesla Owners of Washington members. Registered participants have a chance to win a \$250 VISA gift card from Plug-In America. Learn more and sign up [here](#).

Seattle Earth Day EV Ride and Drive – Saturday, April 23, 10 a.m.-2 p.m., Greenbridge Community Center, corner of SW 97th Street and 7th Avenue SW in Seattle. Presented by Express Credit Union and the Seattle Electric Vehicle Association. Registered participants have a chance to win a \$250 VISA gift card from Plug-In America. Learn more and sign up [here](#).

Lake Hills Neighborhood Association Earth Day – Sunday, April 24, 1-3 p.m., Lake Hills Shopping Center, 15590 Lake Hills Blvd., Bellevue. The annual Earth Day celebration focuses on kids, with everything from home heating to electric bikes. Registered participants have a chance to win a \$250 VISA gift card from Plug-In America. Learn more and sign up [here](#).

Drive Electric Thurston Event – Saturday, April 30, 11 a.m.-2 p.m., Olympia High School parking lot, 1200 North St. SE, Olympia. Presented by the Olympia High School Climate Action Club and the Thurston Climate Action Team, featuring an electric school bus on display. Learn more and sign up [here](#).

Richland Earth Day Expo – Saturday, April 30, 10 a.m.-1 p.m., The Reach Museum, Richland. Join Energy Northwest, Mid-Columbia Electric Vehicle Association and the Electric Vehicle Infrastructure Transportation Alliance (EVITA) to share electric vehicle experiences. Learn more and sign up [here](#).

Mother's Day All-Electric Car Show – Sunday, May 8, 9 a.m.-3 p.m., Triple X Root Beer, 98 NE Gilman Blvd. in Issaquah. Several production and vintage conversion vehicles will be on display, including a new Rivian R1T. Presented by the Seattle Electric Vehicle Association. Learn more and sign up [here](#).

Greenwood Car Show – Saturday, June 25, 8 a.m.-4 p.m., Greenwood Avenue North in Seattle. The Seattle Electric Vehicle Association will host an electric vehicle section. Learn more and sign up [here](#).

National Roadmap Conference – June 29-30, Portland, presented by Forth Mobility. Learn more and register [here](#).

Electrify Expo – July 23-24, Husky Stadium, Seattle. Learn more and get tickets [here](#).

Green Transportation Summit and Expo – “Accelerate to Zero.” Aug. 16-18, Greater Tacoma Convention Center. Learn more and register [here](#).

National Drive Electric Week – Sept. 23-Oct. 2. Presented by Plug-In America. Start planning your outreach events today! Learn more and sign up [here](#).

CHARGING NEWS

New Charging at CWU

*By Guylaen “Guy” O’Connor
Past President, CWU Electric Vehicle Club*

Good news at Central Washington University: the ChargePoint chargers are nearly ready. We have 10 units partially installed, and three more to go. They’ll most likely be ready towards the end of spring quarter. Not sure yet if we’re going to do a ribbon cutting.

Thank you to everyone on the Health Sciences Building project planning committee for all of the hard work and dedication. Thank you to the LEED team, and thank you to all of the contract bidders. We only have these on a five-year contract, but hey – we’ve just launched CWU into the future – and that can’t be bad at all.

We are going from a single NEMA 14-50 unit that was accessible to students only at certain times – to 13 J1772 chargers. Correct me if I’m wrong, but compared to the other public universities in Washington, we’re going from dead last place to second or first. That’s awesome, and staggering, and wonderful.

Here are a few pieces of advice for other property owners, going into the future;

1. Create a culture of charging etiquette. These are level 2 chargers, meaning that it still takes a bit to charge a car, and “blocking” might become a thing. First-time EV drivers should learn the culture of charging. However, due to the number of chargers, I don’t anticipate this being a problem, but I desperately hope it becomes one.

2. Hand out hanging tags to EV drivers with “OK to unplug” and “not OK to unplug” on them.
3. The fight to proselytize better technology isn’t over just because we have chargers. We still need to demonstrate the carbon CBA of EVs over ICE.
4. Maintaining some staff/faculty-only bays is still a good idea.
5. Adding wall outlets to dorm building streetlamps is also still a good idea.
Charging while asleep is a different thing to charging while out-and-about.

With every quarter that goes by at CWU, I see a slow trickle of natural EV adoption. Hopefully this trend continues. These chargers, in combination with the CWU Police Department’s purchase of the Tesla last quarter, are a bold statement to the world that we are ready to begin the transition away from the Internal Combustion Engine.

EVs are a gateway technology. Once someone realizes they don’t need gasoline, they start to think about other ways they can reduce their dependence on polluting products. They start riding their bikes more, they think about recycling, and eating consciously, and using solar power. It’s a stepping stone that can create a domino effect to becoming a better citizen.

New Route 12 Charging Coming Soon - Energy Northwest is leading an infrastructure expansion effort to get eight more electric vehicle charging stations built along U.S. Route 12 in Washington. Construction on the charging stations is set to begin this spring along the White Pass Scenic Byway. Read more [here](#).

CLUB NEWS

The Seattle Electric Vehicle Association meets at 7 p.m. the second Tuesday of every month at the Church of the Nazarene, 4401 2nd Ave. NE in Seattle’s Wallingford neighborhood. All are invited! See more at SeattleEVA.org.

Please share your club news as well as your personal journey into the world of electric driving, along with photos. DEWA would like to spotlight profiles of EV pioneers on our website and social media, as well as sharing in our newsletter. Please send your stories and photos to greamer@driveelectricwa.org.

DONATE

Please support DEWA and its outreach and advocacy activities with a donation. Your financial donation will help us reach more policymakers, funders and drivers statewide to advocate electric mobility, and will support expansion of our statewide, online resources. Drive Electric Washington is a 501(c)3 non-profit organization, and any contribution you make is fully tax-deductible. Here are three ways you can help:

1. NEW – Make a one-time online donation through PayPal [here](#):
2. When you shop on Amazon, use [smile.Amazon.com](https://www.smile.amazon.com) and choose Drive Electric Washington for your charitable contribution. The AmazonSmile Foundation will donate 0.5 percent of the purchase price to DEWA.
3. You also can make a direct contribution by check. The check should be made out to DEWA and mailed to our DEWA Treasurer at: 6021 32nd Ave. NE, Seattle, WA 98115-7230.

RESOURCES

DEWA aims to maintain a comprehensive list of the EV advocacy efforts ongoing in Washington, so we count on you to keep our lists and our website updated with the most current information. Following are the organizations and efforts we have compiled so far in Washington that have a presence online and on social media:

Websites:

- Seattle Electric Vehicle Association - SeattleEVA.org
- Plug-In America - PlugInAmerica.org
- Electric Auto Association - ElectricAuto.org
- Forth - ForthMobility.org
- Plugshare - Plugshare.com
- National Drive Electric Week - DriveElectricWeek.org
- Drive Electric Earth Day - DriveElectricEarthDay.org
- Plug In North Central Washington - PlugInNCW.com
- Coltura – Coltura.org
- Thurston Climate Action Team - ThurstonClimateAction.org
- Tesla Owners of Washington - TeslaOwnersWA.org

Social Media:

- [Northwest Tesla Owners](#)
- [Seattle Nissan Leaf Owners](#)
- [Seattle Tesla Model 3 Owners](#)
- [Seattle Electric Vehicle Association](#)
- [Seattle Tesla Model Y Owners](#)
- [Pierce County Electric Vehicle Information Exchange](#)
- [Spokane/Coeur d'Alene Tesla Club](#)
- [Inland NW Tesla Owners Group](#)
- [PNW Tesla](#)
- [Central Washington University EV Club](#)
- [Seattle Chevy Bolt/Bolt EUV Owners](#)
- [San Juan Islands Electric Vehicles](#)
- [Mid-Columbia Electric Vehicle Association](#)

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