

THE POWER OUTLET

FEBRUARY 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.

IN THIS ISSUE:

- **Policy Updates** – Fate of Road Usage Charge, funding for clean school buses, EV fee for motorcycles, condo charging installation, Clean Cars 2030.
- **Events** – Drive Electric Earth Day events in April, more scheduled this summer
- **Charging News** – Grid capacity study, Belltown fast charging survey
- **Donate** – Online option available soon!
- **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.

POLICY UPDATES



Update from Olympia – The 2022 legislative session is in its final weeks and concludes on March 10. Several bills related to EVs still are making progress, and the transportation budget includes some EV policies. The Governor’s proposed EV incentives have not yet been introduced. You still have an opportunity to participate in the process at www.leg.wa.gov. Here are some updates:

- **HB1644** - Funds planning and fueling infrastructure for clean student transportation vehicles. Sponsor Rep. Senn. This bill passed in the House of Representatives on a vote of 94-2, approved in the Senate Early Learning Committee and now is under consideration in the Senate Rules Committee. Read amended bill [here](#).
- **HB1793** - Rules for condo and HOA EV charging installation. Sponsor Rep. Hackney. This bill passed in the House of Representatives on a vote of 67-29, approved by the Senate Law and Justice Committee and now is under consideration in the Senate Rules Committee. Read text [here](#).
- **HB2026: Road Usage Charge** – This bill did not pass out of committee and most likely will not progress this year – again.
- **SB5085** - Reducing EV fee for electric motorcycles to \$30. Sponsor Sen. Rolfes. The bill passed the full Senate on a vote of 47-2, and now under consideration in House Transportation Committee. Read text [here](#).
- **SB5967** - Imposing a state climate resiliency and mitigation surcharge on large financial institutions financing the global fossil fuel industry while recognizing the financial institution industry's efforts to address climate change. Sponsor Sen. Carlisle. Under consideration in the Senate Ways and Means Committee. Read text [here](#).
- **SB5974** – 2022 Transportation Omnibus bill, sponsor Sen. Lias. Includes Clean Cars 2030 target. Also creates interagency council for coordinating the state’s transportation electrification. Passed full Senate on a vote of 29-20, and now under consideration in the House Rules Committee. Read amended text [here](#).

Weekly updates about these and other EV bills under consideration will be sent out during the 2022 legislative session, and they also will be posted on the DEWA website – www.driveelectricwa.org. Sign up to get updates in your inbox at greamer@driveelectricwa.org.

EVENTS



Chelan Earth Day Fair – Saturday, April 16, 10 a.m.-4 p.m., Riverwalk Park, 117 E. Wapato Ave., Chelan. Presented by Plug-In North Central Washington. Registered participants have a chance to win a \$250 VISA gift card from Plug-In America. Learn more and sign up [here](#).

South Sound Sustainability Expo – Saturday, April 16, 10 a.m.-3 p.m., University of Washington Tacoma Campus. Presented by the City of Tacoma Office of Environmental Policy and Sustainability. Admission is free. Learn more and sign up [here](#).

Mill Creek Electric Rides Event – Saturday, April 23, 11 a.m.-4 p.m., Advent Lutheran Church, 4306 132nd Ave. SE, Mill Creek. 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](#).

Mother's Day All-Electric Car Show – Sunday, May 8, 9 a.m.-3 p.m., Triple X Root Beer in Issaquah. Presented by the Seattle Electric Vehicle Association. More details to come.

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. More information to come.

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

Grid Capacity Research

By Randy Brooks, Plug-In North Central Washington

In conversations about electrifying transportation, we often hear objections that the electric grid will require massive increases in electrical generation and transmission to allow charging all those EVs! This assumption is not true.

Back in 2007, Ron Johnson-Rodriguez, then the Economic Development Director for Port of Chelan County, organized several annual “Power Up” summits in Wenatchee to promote electrification of transportation. Dr. Michael Kintner-Meyer from Pacific Northwest National Labs (PNNL) in the Tri-Cities, spoke and shared results from a PNNL study that concluded 73 percent of light-duty cars and trucks in the nation could be transitioned to EVs with no additions to electrical generation or transmission systems.

I recently contacted Dr. Kintner-Meyer to confirm my recollections from his presentation, and to ask if this study had been updated for 2022. He said the conclusions are unchanged. We can still transition 73 percent of light duty cars and trucks in the nation to EVs without increasing electrical generation or transmission capabilities. Today, only about 2 percent of vehicles in Washington state are EVs, so we have a long way to go before we need to worry about increasing the electrical supply. With 40 percent or more of climate changing emissions in Washington and nationally coming from the transportation sector, driving an EV instead of a fossil-fuel vehicle is the greatest contribution individuals can make to reduce their climate impact.

Anyone interested in reading the study can contact [PNNL.gov](https://www.pnnl.gov) and request a copy of: Impacts Assessment of Plug-In Hybrid Vehicles on Electric Utilities and Regional U.S. Power Grids, Part 1: Technical Analysis. By Michael Kintner-Meyer, Kevin Schneider, and Robert Pratt, Pacific Northwest National Laboratory, November 2007.

Belltown Fast-Charging Proposal - Seattle City Light is seeking community feedback on a proposal to install a public electric vehicle (EV) fast charging station in the Belltown neighborhood. If built, this charging station would become part of the utility's EV charging network across the service area and provide equitable access to EV charging. The Belltown area currently lacks access to public EV charging infrastructure. Community members can comment by filling out the Belltown EV Charging Survey [here](#). The survey is open until Friday, March 4. For additional questions, please contact SCL_ElectricVehicles@seattle.gov or (206) 684-3800. Learn more about this proposal by visiting the project website: seattle.gov/city-light/in-the-community/current-projects/belltown-ev-charging-station.

CLUB NEWS

Tesla Owners Washington – TOWA is planning a number of spring and summer events and cruises. A Charger Chat for new Tesla owners is on March 5 at the Federal Way Supercharger. A presentation about wireless charging is scheduled for March 30. For more information about how to join, visit TeslaOwnersWA.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. DEWA has very few expenses, but web hosting and e-mail services do require a small budget. The organization soon will be set up to take cash donations online, and you also can support the work of Drive Electric Washington with an in-kind donation or with your purchases through Amazon Smile. Just go to smile.amazon.com, log into your Amazon account and choose Drive Electric Washington as your charity. When you order online, 0.5 percent of the purchase price will go to Drive Electric Washington! You also can make a direct donation by mailing a check to DEWA Treasurer, 6021 32nd Ave. NE, Seattle, WA 98115. All of your donations are tax deductible. DEWA is a non-profit organization under 501(c)3.

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](#)

Please share and distribute this newsletter widely within your EV networks and contacts. And please contribute your events, activities and stories, and SIGN UP to receive this free monthly newsletter by sending us an e-mail with your name, city, any affiliation and e-mail address to greamer@driveelectricwa.org . You can unsubscribe at any time with an e-mail to the same address. Thank you for your support of sustainable electric transportation!