

DEV NEWSLETTER



Denver Electric Vehicle Council

EAA Affiliate www.electrcauto.org

811 Iowa Ave

www.facebook.com/ElectricAutoAssociation

Colorado Springs, CO 80909

719-444-8645

Next Meeting:

www.devc.info

No March Meeting

SPONSORING MEMBERS

March 2020

Bob Andersen, Facebook Administrator and GEM Car/TEZ Driver, 303-810-6104

Boulder Nissan, 2285 28th St, Nigel Zeid, 303-443-8110, www.bouldernissan.com

Canopy Airport Parking, A **Green** Facility, 303-574-9800, www.canopyairportparking.com

Century Chevy, Alex Roberts, 303-469-3355 Ex201, AlexRCentury@gmail.com

6105 West 120th Avenue, Broomfield www.CenturyChevy.com

Colorado Renewable Energy Society, CRES, www.cres-energy.org

Kelly Cookson, "Supports EV's"

Kit Davlin, "Conversion Interest", www.evalbum.com/5125

Denver Metro Clean Cities, Steve Trowbridge, 303-518-3253, Steve@DenverMetroCleanCities.org

www.DenverMetroCleanCities.org

e-Bike of Colorado, "Just Try It", 544 Front St, Louisville, www.ebikeofcolorado.com

720-739-0299, contact@ebikeofcolorado.com

EV Trail, EV Charging Stations where you need them, Curtis Claar, curtis@evtrail.com

719-645-4944 www.evtrail.com

Golden Real Estate, Jim Smith/Owner, 303-525-1851, jim@goldenrealestate.com

17695 S Golden Road, Golden www.GoldenRealEstate.com

Scott Gordon, "EV Enthusiast"

Jiggawatt Racing, Scott Stanley, "Racing to bring EVs to the Mainstream" info@jiggawatt.net

www.facebook.com/JiggawattRacing

Judd Johnson, 2935 3rd Ave, Boulder, 80304, 303-449-5005, jaj_356b@indra.com

Peak View Solar, Charge your EV with sunshine! Leaf Driving Energy Consultant, John Duprey,

719-338-3535, jduprey@peakviewsolar.com

Pedego Southlands, Electric Bikes, 303-627-5788, www.pedegosouthlands.com

REEVA, Mark Hanson, President, Community Service RE & EV's, www.reevadiy.org

Steve Szabo, "Clean Energy" Advocate

Bill Tyree, Custom Electric Mobility, btyreedesigns@msn.com

Bill Williams, "Build, Don't Buy!"

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CSEVC FEBRUARY MEETING



The Colorado Springs EV Club had a great turnout for its February meeting. The north parking lot of the Garden of the Gods Trading Post was full of electrics and enthusiasts.



The group then moved inside for lunch and an update on future CSEVC activities. You can see more photos at: <http://www.csevc.com/2020/02/feb-2020-club-meeting.html>

Check out the CSEVC March Newsletter; there are some great photos of the new Tesla Service Center in Superior, a first-hand report on the SB20-167 hearing, plus more...

<https://drive.google.com/file/d/1KqAeOQ0CoCsbQI7I6fpd3IKuge0C09HT/view?usp=sharing>

INVITATION TO THE CITY AND COUNTY OF DENVER'S EV ACTION PLANNING

By Ian Snow

Would you like to help shape the future of city EV charging and programs? The City and County of Denver will be holding a community forum for feedback on its EV Action Plan, on Thursday March 5th, from 4:30 pm to 6:00 pm, at the Webb Municipal Building, Room 4.F.6, snacks will be provided. If you are interested, please RSVP at:

https://docs.google.com/forms/d/1AmnEp73wiEXdkxKQ1b8MyjiKYLrQ61nbrKM7ldHQdIk/viewform?ts=5e4f1e04&edit_requested=true if you are able to attend, but if you are unable, you may also fill out this survey at: https://docs.google.com/forms/d/1PdAKVAzK3L-H-JOAYnSelpwVMC0khWqOZdL705zckw/viewform?ts=5e4f19bd&edit_requested=true to provide your feedback.



EXPERIENCE ELECTRIC ROAD SHOW IN GRAND JUNCTION



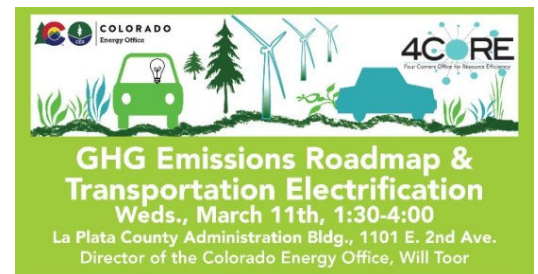
On Monday March 9th at the Mesa County Public Library District Central Library in Grand Junction there will be an Experience Electric Road Show hosted by Clean Energy Economy for the Region and Western Colorado Alliance. A presentation featuring special guest Will Toor, Executive Director of the Colorado Energy Office, will be in the library's Mesa Room. Details for the Ride

& Drive, Workshop and Presentation can be found at:

<https://www.facebook.com/events/s/experience-electric-roadshow-i/501523624111899/>

GHG EMISSIONS ROAD MAP & TRANSPORTATION ELECTRIFICATION IN DURANGO

A timely presentation regarding Colorado's path to a renewable energy future, Zero Emission Vehicle Mandate & more! The Speaker will be Will Toor, Director of the Colorado Energy Office. Test Drive an EV at La Plata County Administration Building, 1101 E 2nd Ave in Durango on Wednesday March 11th, 1:30-4:00 PM. <https://fourcore.org/>



APRIL DEVC MEETING



The April DEVC Meeting will be on Saturday the 25th at the Penrose Heritage Museum, across from The Broadmoor Hotel, at 11 Lake Circle in Colorado Springs. There is no admission and free 90 minute parking in the parking garage next door (museum staff must validate your parking stub). In order to maximize your parking time; arrive at about 10:25 AM and our guided tour, which will last about an hour, will start at 10:30. The tour will be of the entire Museum with emphasis on the Pikes Peak Hill Climb, especially on electrics including the ER2 in 2002 and the Electric Class winning car in 1994. See November 2019 DEVC Newsletter, Pages 4-6. This will be the last time to see this car locally because on the following Monday it will be returned to Honda and taken to Torrance, CA. We are also extending an invitation to the Colorado Springs EV Club and anyone else who would like to attend with us.

Anyone interested in carpooling from Denver and the surrounding area please contact Bob at: bobandersen251@hotmail.com In order to facilitate sufficient staff, please RSVP to David at: jdmc44@comcast.net

2020 COLORADO EV RELATED BILLS

SB20-094 Plug-in Electric Motor Vehicle Registration Fees (Introduced 1-13-20)

Concerning the imposition of additional plug-in electric motor vehicle registration fees by the high-performance transportation enterprise, and, in connection therewith, making the total amount of registration fees imposed on such vehicles roughly equal to the combined amount of registration fees and motor fuel taxes imposed on vehicles powered by internal combustion engines. <https://leg.colorado.gov/bills/sb20-094>

This bill was up before the Senate Transportation & Energy Committee on Thursday, February the 13th where it was "Postponed Indefinitely" (killed) by the committee with a vote of 4 to 1.

SB20-167 Electric Motor Vehicle Manufacturer and Dealer (Introduced 2-13-20)

This bill is concerning increasing consumer access to electric motor vehicles by allowing manufacturers to sell their own electric motor vehicles directly to consumers.

Bill Summary

Current law states that, with certain exceptions, a motor vehicle manufacturer may not own, operate, or control any motor vehicle dealer or used motor vehicle dealer in Colorado. The bill creates a new exception that allows the ownership, operation, or control of a motor vehicle dealer that sells electric motor vehicles of a manufacturer's line-make. An "electric motor vehicle" is a motor vehicle that can operate entirely on electrical power. <https://leg.colorado.gov/bills/sb20-167>

This bill was a hot potato right out of the chute. The Senate Transportation & Energy hearing was held on Tuesday the 18th. They must have expected a large turnout because the hearing was moved from their normal hearing room to the Old Supreme Court Chambers. It was standing room only and overflow was provided in another room where the proceedings could be heard. There were about 30 individuals testifying at 3 minutes each with a split of about 50/50 "For" and "Against" lasting over 2 hours. Among those testifying "Against" were Tim Jackson, President and CEO of the Colorado Automobile Dealers Association, along with many auto dealers. Those testifying "For" included Will Toor, Executive Director of the Colorado Energy Office; Travis Madsen, Transportation Program Director at SWEEP; Sam Gilchrist, NRDC; DEVC Members Jill Bishop and Dan Rosenblatt; Sean Mitchell with the Denver Tesla Club; R J Harrington, National Car Charging; and many others. At the conclusion of the testimony, the Committee then voted to send it, without any amendments, to the Committee of the Whole (the Senate Floor) by a vote of 3 to 2. If you would like to listen to the 2 hours of the proceedings, go to this link <https://leg.colorado.gov/committee/granicus/1783416> and scroll down to Feb 18th, click on "Audio", then click on "SB20-167", then click on the play arrow.

On Friday the 21st, SB20-167 was on the Senate Floor for the Second Reading, with the debate lasting for about an hour. The bill was amended and the Senate vote was very close at this Second Reading. It was on the Senate schedule for Monday the 24th, for the Third Reading, but was "Laid over Daily" until Friday the 28th. This apparently allowed time for negotiations between some Senators and automobile dealers, to not jeopardize existing long time franchise structure in the state. Another amendment, L.010, was introduced and passed; then the bill was voted on and passed the Senate Third Reading by a vote of 22 to 12.

Following the chart on Page 6 of last month's newsletter, the bill will now go to House to be introduced and likely assigned to the Transportation Committee.

2020 FEDERAL EV RELATED BILL

H.R.5770 - EV Freedom Act (Introduced 2-6-20). To establish a national network of electric vehicle charging stations, and for other purposes. A bill summary is in progress. <https://www.congress.gov/bill/116th-congress/house-bill/5770?s=1&r=51>

U.S. House Democrats propose electric vehicle charging network

From Reuters by David Shepardson

WASHINGTON (Reuters) - Two U.S. lawmakers on Thursday unveiled legislation that would create a nationwide electric vehicle (EV) charging network to promote the shift from gasoline-powered vehicles and reduce greenhouse gas emissions.

Democratic Representatives Andy Levin and Alexandria Ocasio-Cortez released legislation dubbed the "EV Freedom Act" to create a network of high-speed charging stations within five years along the public roads of the national highway system in the United States at a U.S. Capitol press conference.

"This is the infrastructure bill that we need to be rallying around." Ocasio-Cortez said. "A lot of naysayers will say, 'They are trying to get rid of cars.' Well, we're not trying to get rid of cars. We're trying to actually advance and improve our fleets... We have to go electric."

Levin represents a suburban Detroit district that includes many autoworkers, while Ocasio-Cortez of New York helped unveil the "Green New Deal" earlier this year to transition the U.S. economy away from fossil fuels. The effort is backed by environmental groups and the United Auto Workers union.

See the complete article at: <https://www.reuters.com/article/us-autos-electric-congress-idUSKBN2001Z1>

OPINION: COLORADO'S CLIMATE FUTURE IS NOW
LET'S CONFRONT THE CHALLENGES AND SEIZE THE OPPORTUNITIES

From The Colorado Sun by Will Toor, Executive Director of the Colorado Energy Office

Colorado is on the front lines of climate change with impacts that are already affecting our state's economy, quality of life and natural beauty.

This is why the legislature and governor have adopted science-based emissions targets — to align our state with the scale and pace of emissions reductions needed to mitigate the worst of these impacts.

The governor and General Assembly worked together last session to pass groundbreaking legislation.



Will Toor

New Colorado law sets greenhouse gas pollution reduction goals for the state, requires our largest utility to achieve 80% reductions in emissions below 2005 levels by 2030, directs state utility regulators to consider the full costs of damages associated with climate pollution and establishes a pathway to clean energy for rural utilities while also supporting a just transition for workers and communities negatively impacted by a shift from coal.

The heart of our work on reducing emissions is transitioning to renewable electricity. Electricity generation has historically been the largest source of greenhouse gas pollution in the state, driven by emissions from coal and gas-fired power plants.

But the advent of low-cost renewable energy is making it possible to retire old power plants and replace them with lower cost wind and solar — while saving customers money.

And Colorado utilities are acting.

Xcel Energy announced a goal of 100% carbon-free electricity by 2050 and is required to submit a plan to the state that will achieve an 80% reduction in greenhouse gas pollution by 2030.

In January, Gov. Jared Polis stood with the CEO of Tri-State Generation and Transmission — which provides electricity for much of rural Colorado — as the power supplier announced plans to close its coal plants in the state and replace them with wind and solar.

Holy Cross Energy adopted a goal of 70% renewables by 2030 but is now planning to achieve this objective 10 years early.

This opens up vast possibilities for reducing emissions by switching to electricity to power our cars, homes and businesses — all while saving Coloradans money.

Gov. Polis opened his term in January 2019 by setting a goal of 940,000 EVs on Colorado roads by 2030 and signed into law five pro-EV bills including extending tax credits through 2025 and enabling utilities to invest in charging infrastructure.

The state adopted a rule requiring automobile manufacturers to increase the number of EVs sold in Colorado and is building a network of fast-charging stations along major highways. Colorado EV sales have grown by 150% in just two years.

Now the administration is supporting legislation that will reduce emissions in buildings and require utilities to help customers electrify their homes and businesses.

Our state air regulators have adopted new rules to require oil and gas producers to lower emissions of greenhouse gases and air pollution, and have proposed rules to limit use of super-pollutants like hydrofluorocarbons.

In just over a year, we have accomplished a great deal. But we will need to do more to achieve our climate goals and realize the full economic potential of a transition to a clean energy economy.

This is why the state is engaging in an evidence-based process to develop a Greenhouse Gas Pollution Reduction Roadmap. This Roadmap will model the impacts of recent legislative and administrative policy changes, evaluate additional strategies, and develop action recommendations by the end of the year.

On Feb. 20, the Colorado Air Quality Control Commission will host a public hearing in which the commission will be briefed on state agency climate actions and the initial Roadmap analysis.

The Colorado Energy Office website will offer updates on the Roadmap process with opportunities for online input of your ideas for mitigation strategies. There will be additional opportunities for in-person public engagement later this spring and summer.

We encourage the public to participate and help Colorado confront the challenges — and seize the opportunities — of transitioning to a clean energy economy that preserves and protects the place we all call home.

See the article at: https://coloradosun.com/2020/02/18/colorado-energy-office-jared-polis-climate-environment-opinion/?mc_cid=bcdcb42903&mc_eid=2b2aaa2a33

COLORADO EV GROUP LINKS

Denver Electric Vehicle Council
Web: <http://devc.info/>

Facebook: <http://facebook.com/groups/devc.info>

Denver Tesla Club
Web: <https://denverteslaclub.org/>
Facebook: <https://www.facebook.com/groups/902089643268988/>

Model 3 Club of Denver Women Who Charge
Facebook: <https://www.facebook.com/groups/m3den/> Facebook: <https://www.facebook.com/WomenCharge/>

Tesla Motors Colorado
Facebook: <https://www.facebook.com/groups/634758276674229/>

Wheat Ridge STEM Engineering
Web: <https://sites.google.com/a/jeffcoschools.us/wrhs-stem/>
Facebook: <https://www.facebook.com/Wheat-Ridge-Stem-Engineering-1511925885713601/>
YouTube: <https://www.youtube.com/channel/UC1v98CLykhXNTMEXJ5F2vA>

Colorado State University Vehicle Innovation Team
Web: <http://ecocar3.org/colostate/about-us/>
Facebook: <https://www.facebook.com/CSUEcoCAR3/>

Drive Electric Northern Colorado Shared Paths Boulder
Web: <http://driveelectricnoco.org/> Web: <http://www.sharedpathsboulder.org/>
Meetup: <https://www.meetup.com/Drive-Electric-Northern-Colorado-EV-Enthusiasts/>

Northern Colorado Clean Cities EV Owners Network
Web: <http://northerncocleancities.org/> Web: www.facebook.com/EVOwnersofColorado?ref=hl

Colorado Electric Vehicle Coalition
Web: <https://www.colorado.gov/pacific/refuelcolorado/colorado-electric-vehicle-coalition>

Denver Electric Ride
Meetup: <https://www.meetup.com/Denver-Electric-Bike-Rides-Meetup/>

Electric Bicycle Club of Colorado
Meetup: <https://www.meetup.com/Electric-bicycle-club-of-Colorado/>

Southlands Adventure Bike & e-Bike Fitness Rides
Meetup: <https://www.meetup.com/Southlands-Adventure-Fitness-Rides/>

Colorado Springs EV Club Colorado Springs e-Bike Meetup
Web: <http://www.csevc.com/> Facebook: <https://www.facebook.com/CSeBikeMeetup/>
Facebook: <https://www.facebook.com/groups/123192271678145/>

EV Four Corners (Durango)
Web: <https://ev4corners.org/>

Western Colorado EV Club
Facebook: <https://www.facebook.com/groups/1691902797561519/>

Colorado Electric Car EV Network
Facebook: <https://www.facebook.com/groups/1879818525642801/>

Colorado i3 (BMW)
Facebook: <https://www.facebook.com/groups/1444710492515574>

Nissan LEAF Owners Group Colorado
Facebook: <https://www.facebook.com/groups/167205677149247/>

DENVER ELECTRIC VEHICLE COUNCIL CHARTER

The Denver Electric Vehicle Council, Inc. is an incorporated non-profit 501(c)(3) educational organization. The goal of the DEVC is to offer 1) a forum for information exchange about electric vehicle concepts, designs and developments; 2) instructive information and opinion to interested individuals and the public; plus 3) assistance in promotion of the development and use of EVs throughout Colorado.

Services are: 1) to arrange talks and tours by universities, companies, and individuals who are involved with EVs or components and 2) to provide information about EVs through a monthly newsletter, current EV literature, lectures and panel or group discussions at DEVC and other meetings; plus through the news media, shows and rallies to the public.

Anyone may join. Sponsoring member dues are \$50 per year and besides receiving the DEVC Newsletter, they are listed on the front page of the newsletter and in our website Sponsor list with their business contact information. Regular member dues are \$20 per year and receive the DEVC Newsletter. The DEVC sends out approximately **780** newsletters via email per month which includes our courtesy list containing other interested persons, companies and community leaders.

BOARD MEMBERS:

President; Gary Skinner, gsknrr@gmail.com **Vice President;** Kathy Pitts, kpitts@verdek.com **Secretary/Treasurer/Newsletter Editor;** J. David McNeil, jdmc44@comcast.net **Web Master;** Drew Gaylo, drewgaylo@gmail.com **EV Conversion Committee;** Brendan Miller, brendandeanmiller@gmail.com **Education Outreach Committee;** Dave Pence, arhsdave@aol.com **Facebook Committee;** Bob Andersen, bobandersen251@hotmail.com **At Large Members;** Jill Bishop, jbanounou@gmail.com & Kit Davlin, kdavlin@yahoo.com