JANUARY • 2021

Connections

IDAHO POWER®
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Want to Go Electric? Owning an EV has Never Been Easier!

As your trusted energy advisors (and self-professed energy nerds), we like to stay current on what's happening in the world of electricity, including electric vehicles (EV). Idaho Power is prepared for increased use of EVs, and we want to help our customers prepare, too.

The EVs of Today and Tomorrow

EVs have numerous benefits, but what models are on the market, and which one might be right for you? In recent years, the cost of EVs has come down, technology (and range capacity) has improved and sales have risen. All of this means more types of EVs are becoming available to more customers.

Some options for EVs include passenger cars in addition to crossovers, utility vehicles, two/three-wheelers, forklifts, motorcycles, buses and even trucks. Starting this year, EV pickup trucks are set to hit the market from several automakers.

Pickup truck models will have some pretty cool features, including the ability to accelerate from 0 to 60 in less than 5 seconds and a pass-through interior for cargo.* And all models will have at least 200 miles of range per charge and performance comparable to (or better than) today's gas-powered vehicles.

With the market for EVs increasing, prices are becoming more competitive as well. Several EVs have prices comparable to gas-powered vehicles — and EVs have much lower maintenance and fuel costs over the life of the vehicle.

Bottom line: Keep your eye on the EV market and start exploring options that might work for you. You can compare models and savings online at **idahopower.com/ev**.

*Idaho Power does not endorse any particular manufacturer.

The Benefits of EVs

Fuel Savings

Mile for mile, it costs less than half to fuel an EV compared to a gas-powered vehicle. And with electricity prices among the lowest in the nation, Idaho Power makes charging EVs even more affordable.

Better Air Quality

With no tailpipe emissions, EVs reduce air pollution. And with nearly 50% of our energy coming from clean hydropower — along with a goal to provide 100% clean energy by 2045 — you can feel good about where your EV's energy comes from.

Less Maintenance

All-electric vehicles have fewer moving parts and fewer fluids, resulting in lower maintenance costs. Also, most EVs come with a manufacturer warranty of up to 10 years or 100,000 miles.

Performance

With instant acceleration, EVs are fun, quiet and easy to drive.

Lee esta edición de Connections en español a idahopower.com/connections.

Comments about *Connections* are welcome at idahopower.com or Corporate Communications, P.O. Box 70, Boise, ID 83707.

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Local Motorcycle Dealership Goes Electric

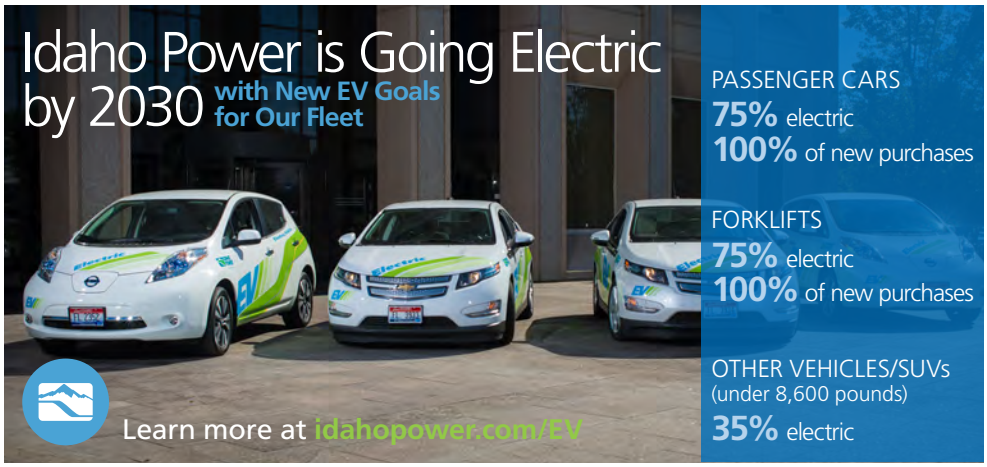
High Desert Harley-Davidson has taken their business to the next level by adding a charging station — and an all-electric vehicle — to their location in Meridian, Idaho. In late 2019, Owner Mark Dukes contacted Idaho Power Residential and Commercial Energy Advisor Michelle Glaze about installing charging stations and possible incentives. Glaze helped Dukes navigate the qualification and application process, ensuring a smooth transition and installation.

"Michelle has been wonderful to work with. She's always watching out for me and giving trusted advice, which has allowed me to save money on multiple projects," Dukes said. "The solid partnership we have built has proven to be very beneficial, as I know she genuinely cares about me as her customer."

With the charging station now installed, High Desert Harley-Davidson is using it to charge one of their latest products: an electric motorcycle called the LiveWire.

"Introducing the LiveWire gives our customers a new riding experience, not only with incredible throttle response, but with no sound!" Dukes said. "Installing the electric charging stations in our parking lot gave us the opportunity to share this convenience with our customers, as well as the public. Harley has always been a place where customers are treated like family, and this gives us the opportunity to allow our family to grow."

If you're a business interested in adding EVs to your fleet or installing charging stations, you can find information at **idahopower.com/ev**. Funding incentives may also be available for installing EV equipment.



From the Energy Efficient Kitchen

Jan. 2021
Breakfast

Banana Waffles

1 cup milk	1 tbsp baking powder
1 egg, beaten	1 tsp vanilla
¾ cup flour	¼ tsp cinnamon
½ cup wheat flour	Dash of nutmeg
2 ripe bananas, mashed	Dash of salt

Coat the inside of waffle iron with non-stick cooking spray and preheat. In a large bowl, stir together all dry ingredients. Add milk, egg, vanilla and bananas, and mix until smooth. Pour about ½ cup of batter onto iron for each waffle. Cook until golden brown, and serve hot. Makes four waffles — double the recipe for a bigger batch.

Recipe selected from Idaho Power's Centennial Celebration Cookbook.

EV Charging Basics

Home Charging

Did you know most EV charging can be done at home? EVs can be charged by simply plugging them into an outlet connected to the power grid. And since most people drive less than 30 miles a day, it may take only a short time to top off the battery each night.

Different types of outlets charge at different speeds, and the time it takes to charge an EV depends on the size of the battery, how full it is and the type of outlet. Two types of outlets are available for home use:

- Level 1 chargers plug into a dedicated, standard household 120-volt outlet and take about 9 to 24 hours for a full charge. This outlet requires no set-up costs or special equipment and is a great option if you travel short distances.
- For a quick charge, upgrade to a faster option called a level 2 charger, which fully charges an EV in 4 to 6 hours. This option requires a dedicated 240-volt circuit (similar to what you need for a clothes dryer). Idaho Power recommends talking to an electrician to see if electric-service upgrades are needed in your home.

Charging Outside the Home

Worried about charging your EV when away from the house or on a long road trip? Don't fear — charging stations are located throughout Idaho and beyond to help get you from place to place. Many of these charging stations are fast chargers — in the time it takes to take a break or stop for lunch (25 to 40 minutes), EVs can fully recharge at these stations.

You can find a list of charging stations online at **idahopower.com/ev** or **plugshare.com**.