



BLOG > THE EQUATION

Interested in the 2017 Chevy Bolt? Here are its Global Warming Emissions...

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TL;DR: See our [handy tool](#) that calculates electric vehicle emissions by zip code.

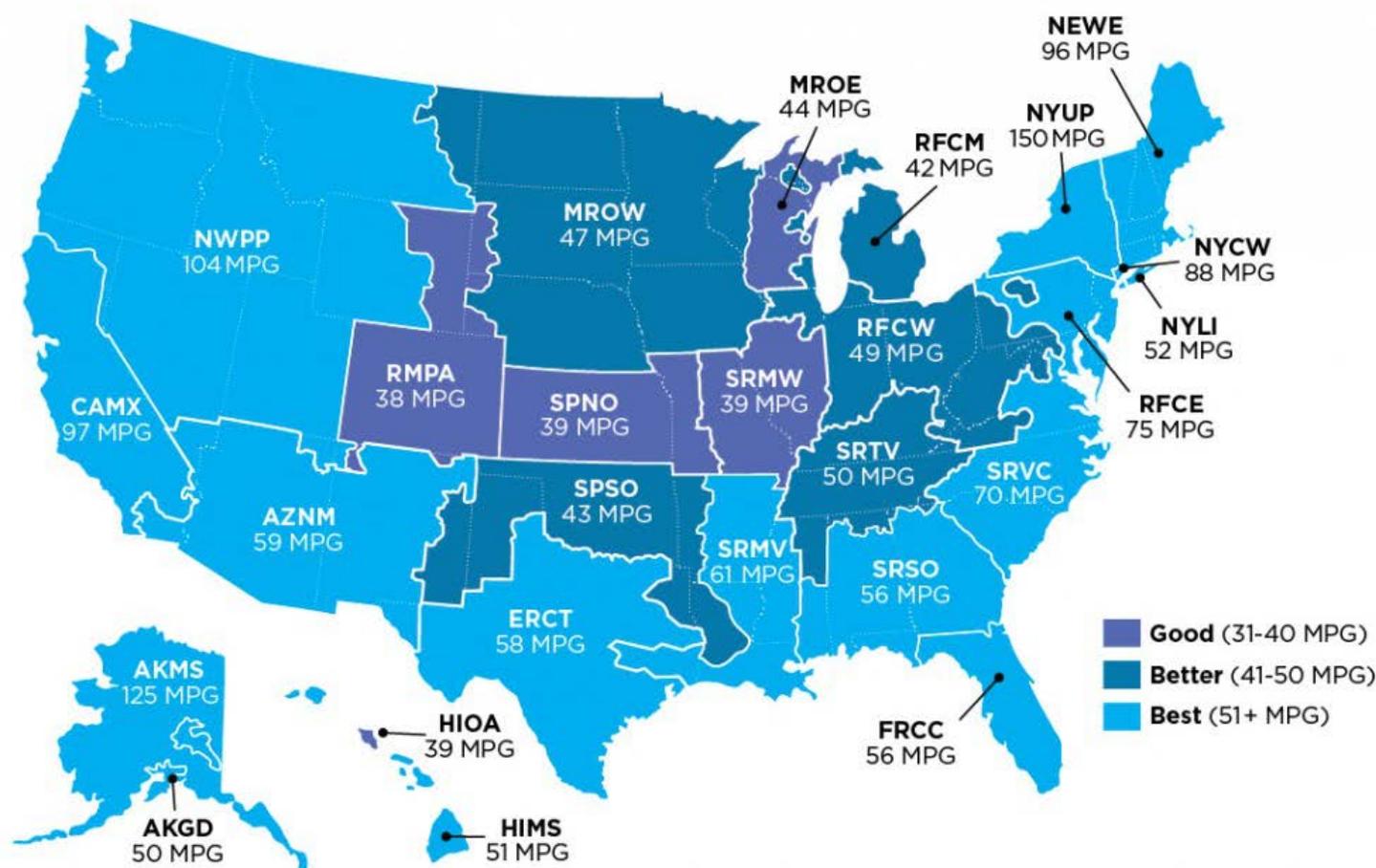
The [2017 Chevrolet Bolt](#), which I recently checked out at the DC auto show, will deliver a GM-estimated **range of 200 miles on a single charge (a conservative estimate) and a price as low as \$30,000** after the federal tax credit. If you're scoffing at the price tag, don't forget that [driving on electricity is still cheaper than driving on gasoline](#), even with today's low gas prices. Available nationwide in late 2016 (according to the sales rep at the auto show), the Bolt will fully charge in just 9 hours, seats 5, and looks like a small crossover SUV. These features and the impressive range could make the Bolt a great choice for the [millions of Americans](#) who could use an electric vehicle today.



*The 2017 Chevy Bolt has an estimated 200 mile range and will debut at around \$30,000, after the federal tax credit.
Photo credit: Josh Goldman*

So the Bolt has excellent all-electric range and a decent price, but what about the emissions? [As I've previously discussed](#), the emissions of electric vehicles vary depending on where you plug them in—but no matter where you charge an EV in the U.S., the average battery electric vehicle sold today is responsible for less than *half* the global warming emissions of comparable gasoline-powered vehicles.

2017 Chevrolet Bolt Emissions Equivalents



Emissions numbers based on preliminary estimates. © Union of Concerned Scientists

The emissions from driving a 2017 Chevy Bolt will vary across electric regions. Regardless of where you live, the car's carbon footprint will compare extremely well with the average gasoline-powered vehicle.

To help you estimate how much global warming pollution you would avoid by driving the Bolt, head on over to our [handy EV emissions tool](#) that calculates electric vehicle emissions for every zip code in the U.S. and now includes the Bolt (based on preliminary figures of 60 kWh battery capacity and estimated 200 mile range). Stoked about your results? Share them with your networks and let everyone know about the benefits of driving on electricity.

How Clean is *Your* Electric Vehicle?



Electric cars tend to produce less carbon pollution than gas-powered ones—but just how much less? Enter your ZIP code below to see how different types of vehicles stack up in your area. Entering a make, model, and year will narrow results to a specific EV model.

ZIP MAKE MODEL YEAR CLEAR FILTERS

GASOLINE-ONLY

Conventional cars run on gasoline and tend to be dirtier and more expensive to fuel than EVs.



381

GRAMS OF CO₂e PER MILE

AVERAGE EMISSIONS NATIONWIDE



PLUG-IN HYBRID ELECTRIC

Plug-in hybrids use both gasoline and electricity and can be recharged from an outlet.



209

GRAMS OF CO₂e PER MILE



BATTERY ELECTRIC

Battery electric vehicles run on electricity and are some the cleanest and cheapest cars to drive.



154

GRAMS OF CO₂e PER MILE



Screenshot of new UCS EV emissions calculator. [Click to check it out!](#)



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