

Electric Vehicle Fun Facts!



From the MMWEC HELPS Program

1



80% of the energy in an electric vehicle battery is transferred directly to powering the car, whereas in a gasoline powered vehicle only 15% of the energy goes directly toward powering the car.

2



Many electric vehicle drivers charge their cars at home overnight, but there are more than 15,000 public charging stations across the country.

3



Gasoline vehicles are responsible for \$37 Billion in health and climate costs each year. If electric vehicles represent 65% of all vehicles in only 10 states by 2050, those costs would drop by \$21 Billion.

4



China saw 85% growth in electric vehicle sales from 2015 to 2016, while the United States saw growth of 36% and Europe saw 13%. However, Europe sold more EVs in total over that time frame than the United States.

5



On average, the cost to power a vehicle by electricity is half the cost per mile to power it by gasoline, and electricity prices are much more stable than gas prices.

6



Norway is aiming to phase out gasoline powered cars by 2025, whereas India is expecting to do so by 2030 and France and the United Kingdom by 2040.

7



95% of Americans drive less than 75 miles per day, so overnight charging would provide them with enough power to last all day.

8



The first electric vehicle was created in 1832, and Thomas Edison worked on an electric car battery in 1899. In the early 1900s, New York City taxis were primarily electric.

9



Switching to drive an electric vehicle can reduce your carbon footprint by up to 50%.

10



Electric vehicle sales are growing rapidly. Over 200,000 electric vehicles were sold in the United States in 2017, compared to only 18,000 in 2011.