

Begin forwarded message:

**Sent:** Sunday, February 19, 2012 8:35 AM

**Subject:** Re: What is good about an electric car?!

stop being so logical Al... save the planet.. and EVERYONE will let you simply plug in where-ever you stop, no charge... like free air at a service station ;0)

## **Subject: what is good about an electric car?!**

**This helps answer what I have been asking all along:**

**Eric Bolling (Fox Business Channel's Follow the Money) test drove the Chevy Volt at the invitation of General Motors.**

**For four days in a row, the fully charged battery lasted only 25 miles before the Volt switched to the reserve gasoline engine.**

**Eric calculated the car got 30 mpg including the 25 miles it ran on the battery. So, the range including the 9 gallon gas tank and the 16 kwh battery is approximately 270 miles. It will take you 4 1/2 hours to drive 270 miles at 60 mph. Then add 10 hours to charge the battery and you have a total trip time of 14.5 hours. In a typical road trip your average speed (including charging time) would be 20 mph.**

**According to General Motors, the Volt battery holds 16 kwh of electricity. It takes a full 10 hours to charge a drained battery.**

**The cost for the electricity to charge the Volt is never mentioned so I looked up what I pay for electricity.**

**I pay approximately (it varies with amount used and the seasons) \$1.16 per kwh.**

**16 kwh x \$1.16 per kwh = \$18.56 to charge the battery.**

**\$18.56 per charge divided by 25 miles = \$0.74 per mile to operate the Volt using the battery.**

**Compare this to a similar size car with a gasoline engine only that gets 32 mpg.**

**\$3.19 per gallon divided by 32 mpg = \$0.10 per mile.**

**The gasoline powered car costs about \$15,000 while the Volt costs \$46,000.**

**So Obama wants us to pay 3 times as much for a car that costs more than 7 times as much to run and takes 3 times as long to drive across country.**

## **REALLY?**

Once again, the anonymous chain mail is fact challenged. The calculations were not in the round table discussion on Fox because they are not only wrong, but contradict what was said.

First, the kwh price I pay, which I believe is typical, is not anything near the price quoted. At the price paid for everything over the first 476 kwh, I pay \$0.135368 or about thirteen and a half cents per kwh, so when you multiply by 16 (the capacity of the battery), you spend only \$2.17, or almost \$0.09 per mile. FOX Business host Eric Bolling said the battery fill up "is only \$1.49", even considerably less than my calculations. That makes it way cheaper than the fictitious price of \$0.74 a mile and half the price of gasoline at prices will may not see again. Inserting bogus facts to back up an established argument, is classic tactics for anonymous political propaganda defending an ideology. FOX has been relentless trying to discredit Obama's energy green strategy. This guy had no accountability, so he fudged the numbers.

<http://video.foxnews.com/v/1430236461001/eric-bolling-test-drives-chevy-volt/>

The 32 miles per gallon at \$3.19 is not a realistic base for gasoline costs. I doubt we will see a \$3.19 price ever again. Peak oil has hit.

Yes the new electric cars are pricey and do not yet fully compete with old tech on every level. Yes the new electric cars were not meant for cross country travel. That is why the Volt is a hybrid, to extend the range. Eric Bolling acted like the care was a failure because it wasn't all electric, when it was designed to be a hybrid. His beef is patinas, as demonstrated in the show.

Electric cars are meant for city commutes to and from work or shopping, which will reduce demand for oil and reduce pollution.

To include charge time in the calculation is comparing apples with oranges.

The problem with conservatives is they have no vision, and no head for math. The problem with FOX new is they have a partisan ax to grind.

Hang on to your old tech, and see what the price of gas inflates to down the road. You will be glad the electric option has had the bugs worked out on all the early adapting liberals.

Dale