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Are Vehicle Emissions Really a Problem?

Fact Sheet

- Public health problems from vehicle emissions cost the US approximately \$40 to \$64 billion per year. Exposure to emissions may lead to health problems such as:
 - ◆ Asthma attacks
 - ◆ Hodgkin's disease
 - ◆ Lymphoma
 - ◆ Lung cancer¹

- Air pollution from vehicle emissions can create smog and water quality problems, as well as contribute to climate change.

How much can we blame climate change on transportation?

Gasoline and diesel powered motor vehicles generate almost 25% of the pollutants responsible for climate change². Each gallon of gas used spews 25 pounds of carbon dioxide (CO₂) into the air that we breathe³.

Do electric vehicles (EVs) provide a cleaner source of transportation?

Yes. Electric engines are so efficient that they produce less than 40% as much greenhouse emissions as gas-powered vehicles produce. EVs reduce carbon emissions

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¹ <http://www.transact.org/report.asp?id=227>

² http://www.ucsusa.org/clean_vehicles/vehicles_health/cars-and-trucks-and-global-warming.html

³ Coniff R. Counting Carbons: How much greenhouse gas does your family produce? DISCOVER Vol. 26; No. 08. August 2005. Accessed January 9, 2007. Available at: <http://www.discover.com/issues/aug-05/features/counting-carbons/>

by more than 80% per mile. They also reduce the amount of volatile organic chemicals (VOCs) by up to 90% per mile. EVs achieve these reductions when charged on the electric power grid. Charging one with a renewable energy system like solar or wind power will make it even cleaner⁴.

Did You Know?

- You spent about 4 hours filling your gas tank last year⁵.

- In 2005 the US used 7.5 billion barrels of oil – enough to fill 232 tanks the size of the 13-acre, 27-story Superdome Stadium in New Orleans⁶. Since we import 60% of that oil, most of that money leaves the U.S.

- In November of 2006 the \$18.72 billion spent in petroleum imports accounted for 28.9% of the national trade deficit⁷.

- The cost of gasoline grew 8 times faster than the cost of electricity in the past 15 years⁸.

The Myers Motors' team proudly hand-builds each No more Gas (NmG) Personal Electric Vehicle at their production facility in Tallmadge, Ohio, a small community near Akron. The NmG offers an intelligent solution by providing a means to commute without tailpipe emissions. For more information about the NmG, contact Myers Motors at 330-630-3768 or visit www.myersmotors.com.

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⁴ http://www.transportation.anl.gov/software/GREET/pdfs/esd_6v1.pdf

⁵ <http://austinchronicle.com/gyrobase/Issue/column?oid=388485>

⁶ Oil usage found at http://tonto.eia.doe.gov/dnav/pet/pet_cons_wpsup_k_w.htm. Approximate Superdome Stadium capacity of 32,678,243 barrels.

⁷ http://tonto.eia.doe.gov/dnav/pet/pet_cons_wpsup_k_w.htm

⁸ www.eia.gov