

What's Available?

There are several models to choose from:

Nissan
Leaf



Chevrolet
Volt, Bolt



Tesla
Model S, X



Ford Focus
EV



Plus:

- BMW i3
- Toyota – Plug-in Prius
- Mitsubishi – MI-ev
- Fiat 500 EV
- VW E-Golf
- More every year!!

Simplicity



Simple elegance is under the body of Tesla's Model S. The batteries are under the floor for low center of gravity and terrific handling.

The motor, differential & electronics fit between the front & back wheels.

There is no transmission, so no downshifting – instant torque!.

The single-motor Tesla Model S has only 18 moving parts in its drive train, simplifying maintenance.

For more information see

www.electricaauto.org



Why Electric?



Better Than Gas

The advantages include:

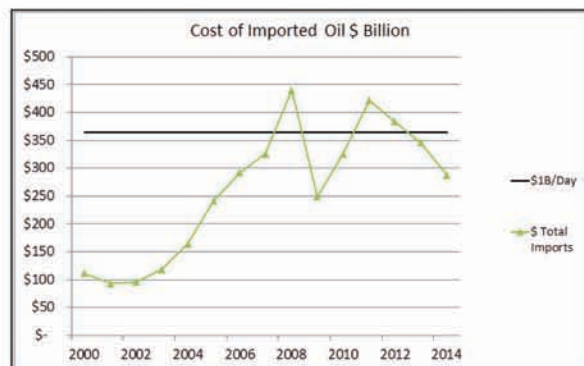
- ✓ **Faster** – with full low end torque; EVs jump off the line.
- ✓ **Fun** – EVs handle better as batteries lower center of gravity.
- ✓ **Frugal** – electricity is equivalent to \$.80/gal.
- ✓ **Convenient** – no trips to the gas station, as cars recharge overnight at home.
- ✓ **Cleaner** – emissions reduced by over 50%, even when powered mostly from coal-generated electricity.

www.gogreenfestival.com



Oil is Expensive

The USA has averaged nearly \$1 billion/day for the last 7 years for imported oil. And we still import half of our oil.



Many pay as much for gas as they do for their car over its life. Electric vehicles cost far less for “fuel”, it’s like getting gas for \$.80/gal.

Additional savings are realized on maintenance, as there are no oil changes, tune-ups, exhaust system, fan belts or injectors and regeneration saves brakes.

Just plug-into American generated power, for a fully charged battery every morning.

Oil is Harder to Get

We are going to greater and more expensive lengths to get oil. In northern Canada, they mine 2 tons of tarry sand and wash it with 120 gal of hot water to make one barrel of oil. Then we are left with toxic sand and water! Then the oil has to be transported, refined and transported to gas stations.



For shale oil, over 300 gallons of water is injected and then needs to be treated for each barrel of oil. All of this is expensive and challenging for the environment.

Oil is Worse for the Environment

Because electric drivetrains are 3x more efficient than gas or diesel engine drivetrains, they pollute far less. According to the EPA, even if you obtain all your electricity from coal, an EV is still cleaner; and we have wind, solar, hydro and nuclear which are CO₂ free. Electricity is the only fuel we can generate at home!

Because EV’s normally charge at night, there is enough spare capacity to replace all imported oil without any new power plants.

