



Plug-in Hybrid
Electric Vehicles
(PHEVs)

What Are Plug-in Hybrids?

- Plug-in hybrid electric vehicles (PHEVs) can dramatically decrease American dependence on imported oil, reduce greenhouse gases and other air pollutants, as well as lower fuel costs for American consumers.
- PHEVs use the same technology as the popular hybrids on the road today but have a more powerful battery that can be recharged in a standard home outlet.
- PHEVs are outfitted with a battery pack sufficient to power the vehicle from 20 to 60 miles on battery charge alone. Since half the cars on America's roads are driven 25 miles a day or less, a plug-in with a 25-mile range battery could eliminate gasoline use in the daily commute of millions of Americans.

Why Plug-in?

- **Economics:** Annually, the US imports \$300 billion more in oil than it exports. Plug-in hybrids use domestically created electricity.
- **National Security:** Dependence on imported oil leaves the country open to both economic and political vulnerabilities. Many of the countries with large oil reserves support fundamental Islamic principles and our oil dollars are being used to sponsor terrorism.
- **Humanitarian:** It is no secret that the United State's foreign policy is heavily influenced by oil. Wars have been fought over oil reserves and will continue to be.
- **Environmental & Health:** Tailpipe emissions are responsible for smog that causes many health issues in addition to contributing to global warming.

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