



Our customers work hard to save energy. PG&E does, too. We're exploring new ways to reduce our own energy consumption while helping make the air cleaner. That's why we're testing new plug-in hybrid electric vehicles (PHEVs). We hope to have a whole fleet before long.

## Thinking Green



PG&E is proud to work with **Plug-In Partners** ([www.pluginpartners.org](http://www.pluginpartners.org)), **Plug-In Bay Area** ([www.pluginbayarea.org](http://www.pluginbayarea.org)) and other organizations to promote plug-in hybrid and dedicated electric vehicles.



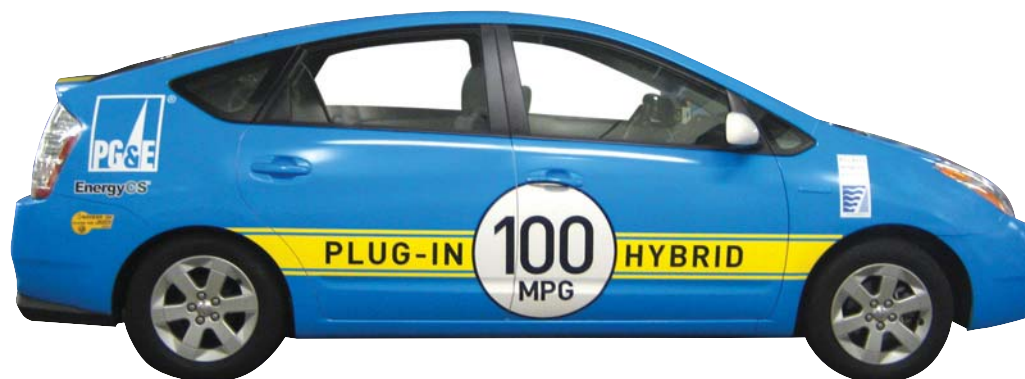
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or call **800.684.4648**

## Means Plugging In New Kinds of PG&E Vehicles

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PG&E's demonstration PHEV is a converted 2006 standard Toyota Prius. With assistance from the Bay Area Air Quality Management District (BAAQMD), PG&E worked with EnergyCS to convert this Prius and put it to the test.

## The PHEV Idea Makes Fantastic Sense

**Put a larger, more powerful battery and a standard electric plug into a conventional hybrid car, and you have a Plug-in Hybrid Electric Vehicle (PHEV).** The battery

can be charged at any standard outlet.

Fully charged, a PHEV can make local trips of 20–40 miles without using a drop of gas.

For longer trips when the battery “runs out,” the PHEV operates like a regular, fuel-efficient hybrid. It’s like having two fuel tanks and the cheaper, cleaner one gets used first.

What’s more, a PHEV can be recharged at night when the electricity grid is least used. Costs and emissions both go down.

### ADVANTAGES of PG&E's PHEV PRIUS

Gets 100 miles per gallon of gas during a typical commute (plus cost of electricity)

Cuts cost of driving to 2-4 cents/mile versus 8-20 cents/mile for traditional gasoline-powered cars

Reduces carbon-dioxide and other air pollutant emissions

Reduces reliance on imported, finite resources and improves national security by replacing oil with a domestic, increasingly renewable energy source

### More plug-in hybrids are coming.

PHEV technology is expanding to other types of vehicles and fuels. PG&E is currently working with Ford to develop a PHEV version of our F550-platform trouble truck. We’ll also demonstrate two DaimlerChrysler-Dodge Sprinter Vans.

As power generation in California becomes cleaner, PHEVs will become cleaner, too. Eventually, fuels such as compressed natural gas, ethanol or hydrogen can be used to further reduce environmental impact. PG&E will continue to help make it all happen.