Transportation: Hybrids and Hydrogen
Hybrids: Expanding the Range

Hybrids: Series

Hybrids: Parallel

Hybrids: Series/Parallel

Ratio of Internal Combustion Engine and Electric Motor Operation

Fuel Cells

How a Fuel Cell Works

Fuel cells use hydrogen with oxygen from air to produce electricity

The electricity generated powers a vehicle's motor. Hydrogen can be produced from a variety of fuels, including gasoline, methanol, ethanol, and natural gas.

Developing fuel infrastructure solutions that are safe, reliable, environmentally-friendly, and cost-effective remains a primary challenge. CaFCP is working together to drive those solutions forward, and deliver fuel cell vehicles to the marketplace.

Hydrogen can also be produced through electrolysis, a process that splits water into hydrogen and oxygen using electricity. In the future, hydrogen may be supplied from solar, wind, and other renewable energy sources.

http://www.fuelcellpartnership.org/fuel-vehl_functions.html
Honda FCX

http://www.fuelcellpartnership.org/fuel-vehl_cars.html
Hydrogen Fueling Stations

http://www.fuelcellpartnership.org/fuel-vehl_map.html