

FuturePower by Fuel Cells

Did you know...

A fuel cell harnesses the chemical energy of hydrogen and oxygen to efficiently generate electricity without combustion or pollution. The only byproducts from a fuel cell are pure water and useful heat.

Opportunity

Fuel cells have the potential to power cars, trucks, and buses without emitting harmful tailpipe emissions. Vehicles powered by fuel cells will be cleaner, more energy efficient, and quieter than those powered by the internal combustion engine. Fuel cells also may provide electricity and heat to factories, office buildings, and homes without creating smokestack pollution. This adds up to energy savings for the consumer, energy security for the country, and a cleaner environment.

Obtaining the required hydrogen is a significant component of using fuel cells for power and heat. Research is underway to develop a broad spectrum of fuels and renewable energy sources to generate this hydrogen.



How to Make Hydrogen

