FUEL CELLS



Produce electricity
without any combustion



Only water and heat as byproducts

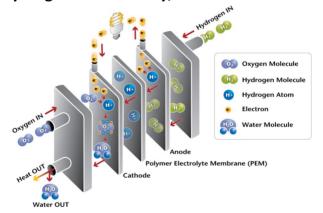


More efficient than traditional combustion



Scale up easily to meet many power needs

Hydrogen in. Electricity, Heat and Water Out.





Share the knowledge #FuelCellsNow #HydrogenNow

Learn more: energy.gov/eere/fuelcells

HYDROGEN



Lightest of all gases



Most abundant element in universe



Can store energy from many sources



Used in a fuel cell to produce electricity



Currently produced for industrial purposes



Not found by itselfneeds to be separated from other substances



In the Periodic Table

Atomic Number: 1

Atomic Weight: 1.008

Element Name: Hydrogen

Energy Content

1 kilogram of hydrogen = 1 gallon of gasoline









10% of your weight is hydrogen

If you weigh 200 lbs., then about 20 lbs. of your body is hydrogen!



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