What does chemical energy do

Corrosion, wearing away due to chemical reactions, mainly oxidation (see oxidation-reduction, oxide). It occurs whenever a gas or liquid chemically attacks an exposed surface, often a metal, and is accelerated by warm ...

A chemical reaction is a process in which one or more substances, the reactants, are converted to one or more different substances, the products. Substances are either chemical elements or compounds. A chemical reaction ...

Nuclear energy, energy that is released in significant amounts in processes that affect atomic nuclei, the dense cores of atoms. One method of releasing nuclear energy is by controlled nuclear fission, used in nuclear ...

Combustion, a chemical reaction between substances, usually including oxygen and usually accompanied by the generation of heat and light in the form of flame. Combustion is one of the most important of chemical ...

Petroleum, complex mixture of hydrocarbons that occur in Earth in liquid, gaseous, or solid form. The term is often restricted to the liquid form, commonly called crude oil, but, as a technical term, "petroleum" also refers to ...

Coal, one of the most important primary fossil fuels, a solid carbon-rich material, usually brown or black, that most often occurs in stratified sedimentary deposits, which may later be subjected to high temperatures and ...

Thermodynamics, science of the relationship between heat, work, temperature, and energy. Thermodynamics deals with the transfer of energy from one place to another and from one form to another. The key concept is that ...

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