

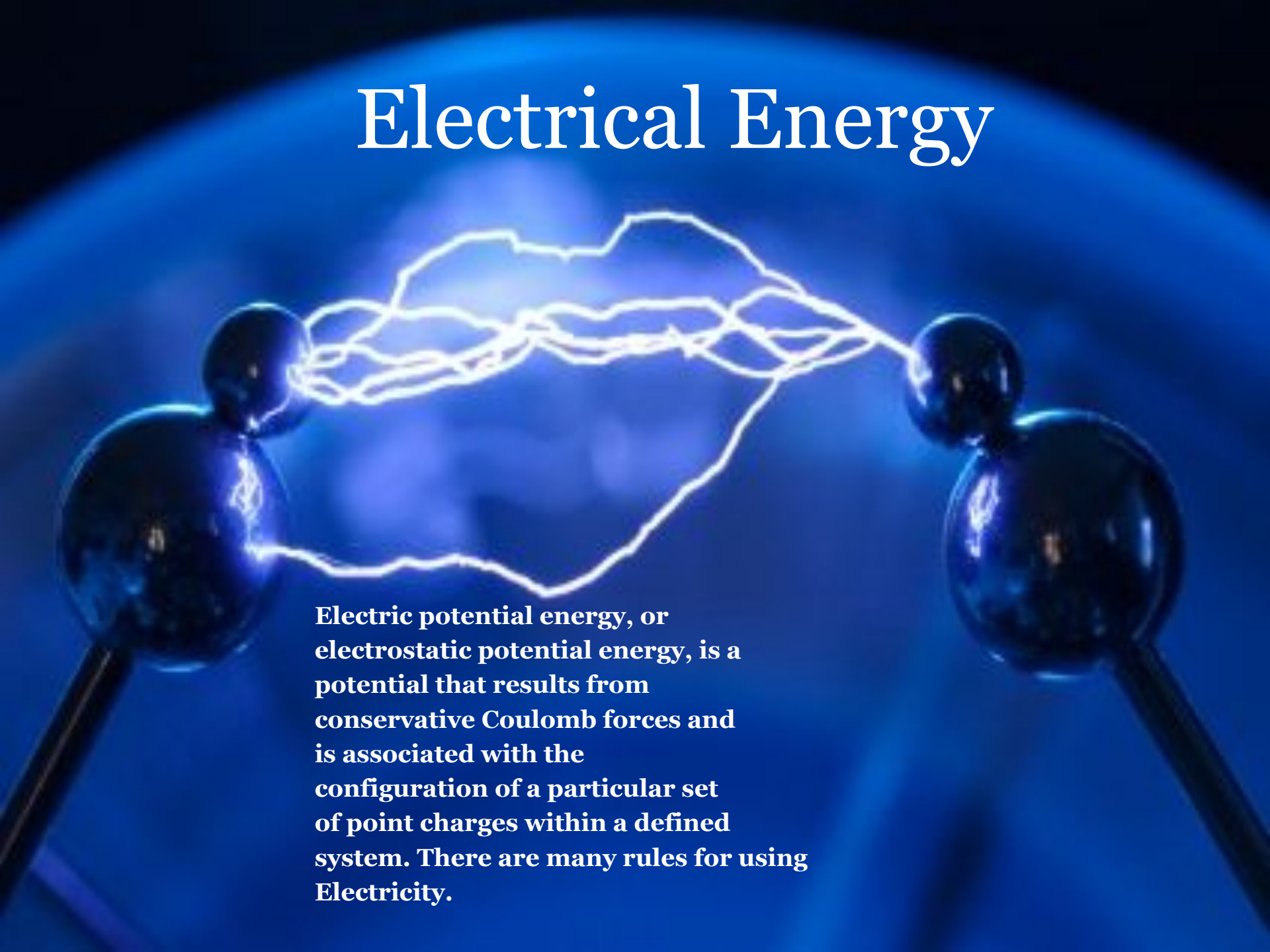
# ENERGY CONSERVATION



# Types of energy

- ELECTRICAL ENERGY
- SOLAR ENERGY
- NUCLEAR POWER

# Electrical Energy



**Electric potential energy, or electrostatic potential energy, is a potential that results from conservative Coulomb forces and is associated with the configuration of a particular set of point charges within a defined system. There are many rules for using Electricity.**

# How to save electricity

- Always turn off the light, leaving permanently from the premises.
- Replace traditional bulbs to energy saving.
- Correctly use the electric kettle.
- Use night and day tariff for electricity.
- Turn air conditioner only when closed all windows and doors.

# Solar energy

Solar energy, radiant light and heat from the sun, has been harnessed by humans since ancient times using a range of ever-evolving technologies. Solar energy technologies include solar heating, solar photovoltaics, solar thermal electricity.



# How to get solar energy

For getting solar energy people use large solar systems.

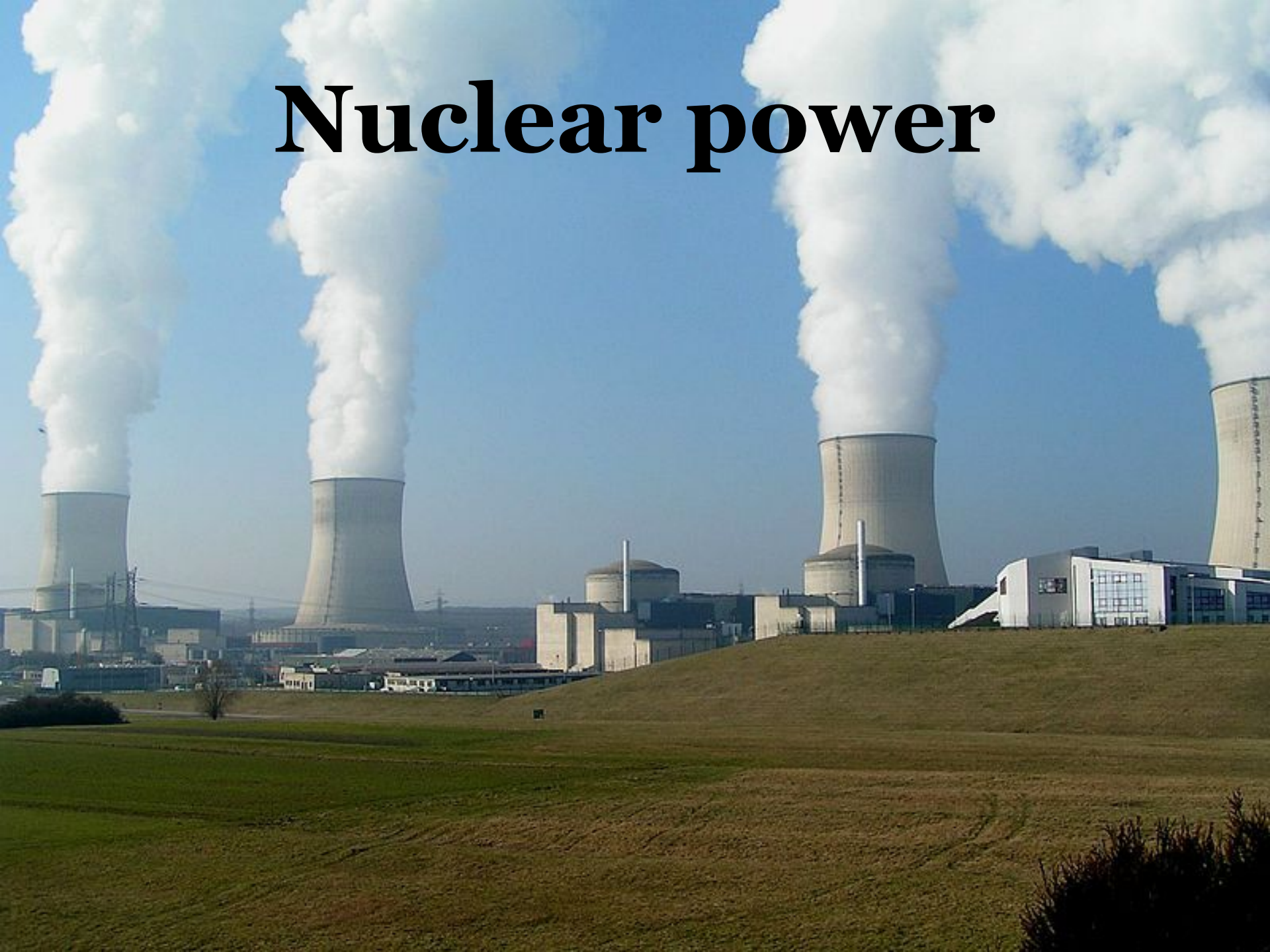


# Using of solar energy

A photograph of a house with a steep, gabled roof covered in dark blue solar panels. A brick chimney is visible on the left side of the roof. The house is surrounded by green trees and a lawn. In the background, there are mountains under a blue sky with some clouds.

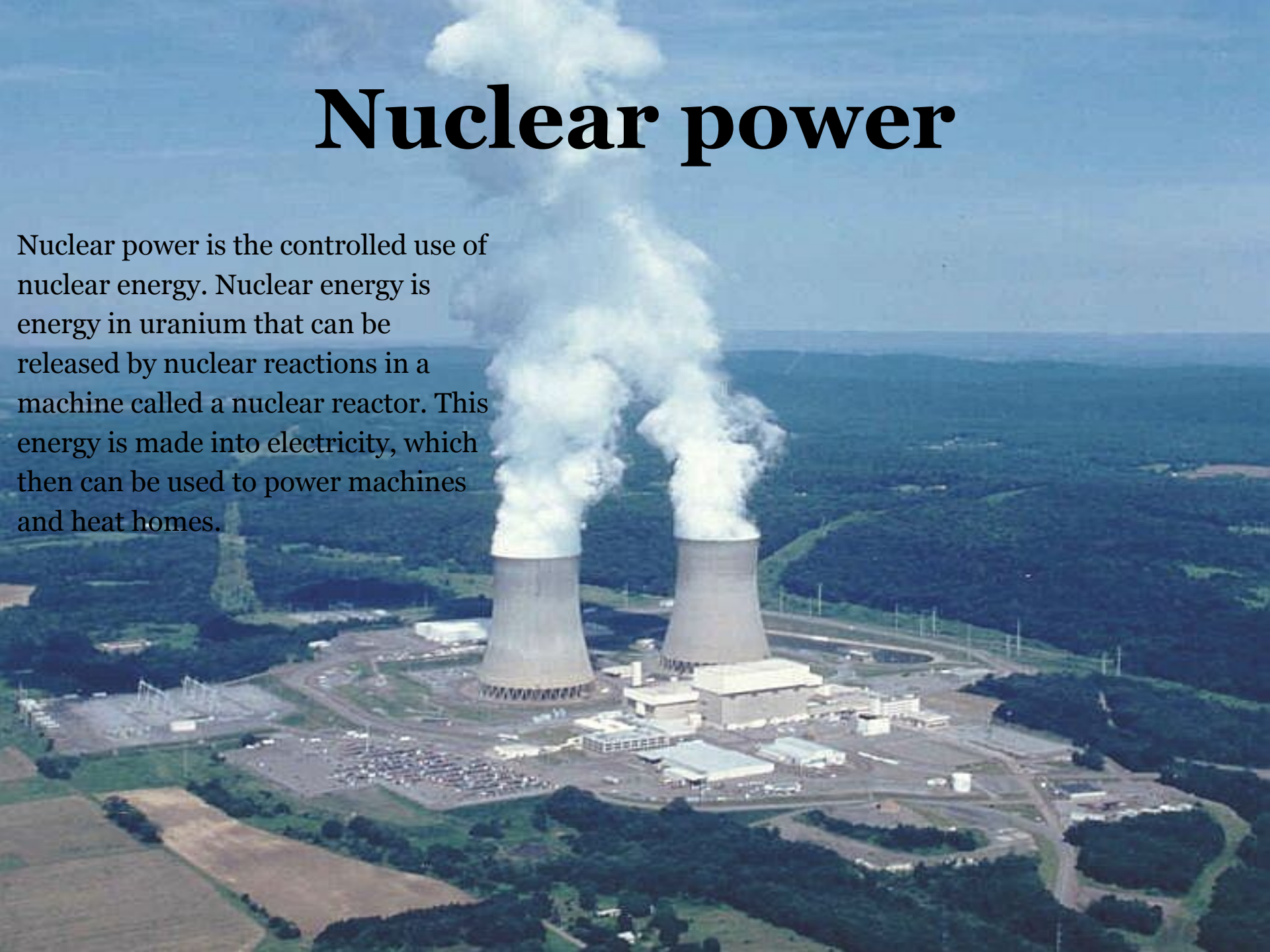
Today the most important sense of solar Energy is heating homes and water. Modern solar systems can provide 60-80% of hot water in Kyiv and in Crimea - 100%.

# Nuclear power



# Nuclear power

Nuclear power is the controlled use of nuclear energy. Nuclear energy is energy in uranium that can be released by nuclear reactions in a machine called a nuclear reactor. This energy is made into electricity, which then can be used to power machines and heat homes.



# Using of nuclear power

In 2011 nuclear power provided 10% of the world's electricity. However, many have now ceased operation in the wake of the Fukushima nuclear disaster while they are assessed for safety.

