Topclass Solar

Power plants





Overview

A power station, also referred to as a power plant and sometimes generating station or generating plant, is an industrial facility for the generation of electric power. In early 1871 Belgian inventor invented a generator powerful enough to produce power on a commercial scale for industry. Operators are responsible for the safety of the work crews that frequently do repairs on the mechanical and electrical equipment. The power generated by a power station is measured in multiples of the , typically (10 watts) or (10 watts).

Power plants



US approves construction of Bill Gates-backed nuclear reactor in

The U.S. nuclear regulator said on Wednesday it approved construction for the Bill Gates-backed TerraPower small nuclear reactor in Wyoming, the first approval for a plant expected to run

Qatar LNG, Saudi refinery, Israeli oil, gas fields down due to Mideast

Qatar halts output of LNG, associated products Aramco's Ras Tanura refinery hit by drone, source says Major Israeli gas fields, including Leviathan, offline Most output in Iraqi Kurdistan shut





US grid watchdog objects to Maryland power plant sale, cites data

A watchdog for the largest U.S. electrical grid urged federal regulators to reject the sale of a Maryland power plant, citing concerns that energy from the plant could be diverted for the use

Cloud Carrier proposes gas-fired power station to power Moss Vale AI

Cloud Carrier plans to power its data centres with on-site gas-fired engines, producing enough

energy to power 70,000 homes. Experts are concerned about the impact a mass rollout of





How do power plants work? , How do we make electricity?

Learn how power plants convert fossil fuels into electricity using heat, steam, and turbines. Find out how power plants are efficient, polluting, and vital for modern life.

Blackout leaves millions without power as energy crisis deepens

Major blackout leaves millions without power as Cuba's energy crisis deepens - An energy official believed restoring operations at the affected plant could take at least 72 hours





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Pollution from power plants spiked last year, report finds: Here's why

Pollution from power plants in the United States increased significantly in 2025, according to an analysis of Environmental Protection Agency data.





UK's First Geothermal Power Plant Begins Using Underground Heat to

The UK's first geothermal power plant has just begun operations, using hot water from deep underground to create renewable electricity. The United Downs plant in Cornwall has been in

Gas Prices Surge as Qatar Shuts World's Largest LNG Export Plant

Qatar shut down liquefied natural gas production at the world's largest export facility after it was targeted in an Iranian drone attack, sending European gas prices surging more than 50% and





Moscow raises alarm for Iran's Bushehr nuclear power plant

Russia has warned of a growing risk to Iran's Bushehr nuclear power plant due to the attacks by the US and Israel on Iran. Explosions can be heard a few kilometres away from the power

List of 12 Types of Power Plants

Learn about 12 types of power plants that generate electricity using different sources of energy, such as fossil fuels, nuclear, hydropower, solar, wind, and more. Find out how t





Elon Musk's Makeshift AI Power Plant Sparks Local Concerns in

Local residents near Elon Musk's makeshift AI power plant in Mississippi raise concerns over noise, pollution, and health from temporary gas turbines, sparking a regulatory debate over

EPA Dismantles Protections for Mercury and Air Toxics from Power Plants

Trump EPA move will allow coal and oil-fired power plants to emit more brain-damaging mercury, other harmful heavy metals, and dangerous soot.





Millions in Cuba hit by blackout as Trump embargo bites

Millions of people were left without electricity in Cuba after a shutdown at one of the country's largest thermoelectric power plants. The capital Havana and the rest of western Cuba -

IAEA's board of governors unanimously approves safeguards for

IAEA's board of governors unanimously approves safeguards for Chashma nuclear power plant unit, FO says Amin Ahmed Published March 4, 2026 Updated a day ago 0



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