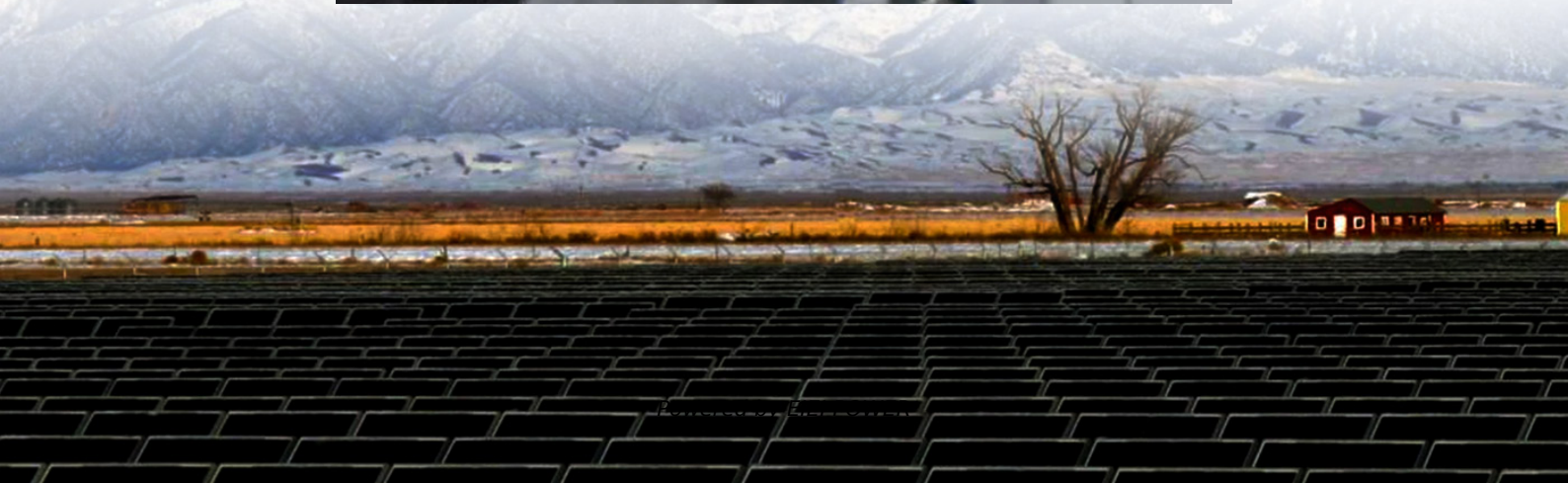
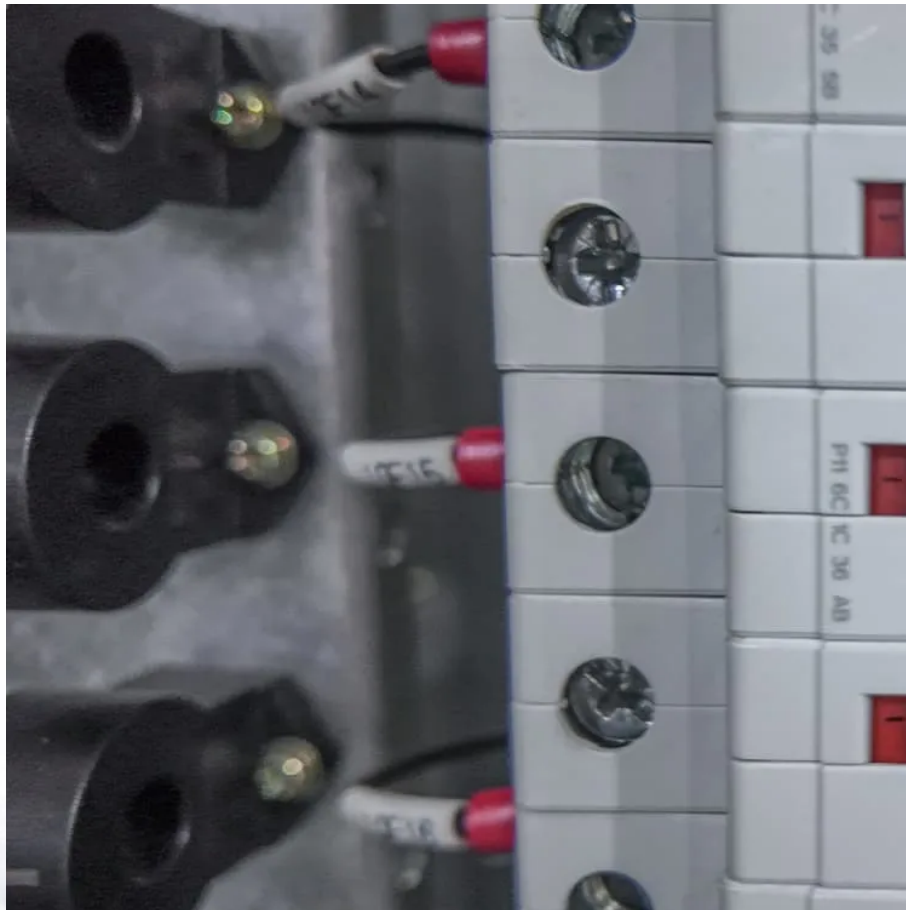


A large number of outdoor power sources open power plants





Overview

What is the Global Power Plant Database?

The Global Power Plant Database is a comprehensive, open source database of power plants around the world. It centralizes power plant data to make it easier to navigate, compare, and draw insights for one's own analysis. The database covers approximately 30,000 power plants from. Global coal power plants by capacity in megawatts.

How many power plants are there?

The database covers approximately 30,000 power plants from 164 countries and includes thermal plants (e.g. coal, gas, oil, nuclear, biomass, waste, geothermal) and renewables (e.g. hydro, wind, solar). Each power plant is geolocated and entries contain information on plant capacity, generation, ownership, and fuel type.

Are large-scale PV power plants growing?

In this context, large-scale PV power plants, in particular, are rapidly expanding. At a global scale, utility-scale installations are anticipated to constitute approximately 66.7% of the worldwide capacity by the year 2050 .

Which countries have no power plants?

Some countries like Saudi Arabia and Kuwait have almost no capacity in these renewable sources, indicating regional variations in energy priorities and resources. The Global Power Plant Database is a comprehensive, open source database of power plants around the world collected by World Resources Institute.



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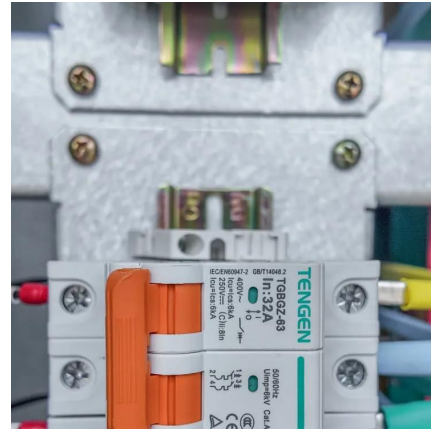
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