



Overview

Why are wholesale electricity prices rising in Greece?

The main reason for the upward trend of wholesale electricity prices in Greece in recent years is the gradual loss of competitiveness of domestic lignite-fired power generation, as a result of the high operational costs and the gradual increase of carbon emission allowances in the Emission Trading System (ETS).

Which energy sources are used in Greece?

Greece's electricity production now prominently features renewable energy sources such as solar energy, hydropower, and wind energy. Biofuels, albeit combustible fuels, because they are burnt to produce electricity, are classified as a renewable form of energy due to their origin from organic plant or animal matter.

Does Greece have a smart electricity grid?

Development of a smart electricity grid. Despite the advancement, the delignitization in the Greek power sector still has a considerable distance to cover. Carbon taxation has not yet been adopted in Greece as a means of curbing greenhouse gas emissions. Progress in infrastructure for vehicle electrification remains modest.

How much electricity does Greece import?

This situation facilitated the increase of the net imports in the Greek system by 62.4% in 2019, marking a decade high at 9.74 TWh or 19.28% of the total demand of the system. Consequently, electricity imports in Greece now account for an average of 21% (June 2020) of the electricity mix.

What is the energy system in Greece?

The energy system is a multifaceted entity, encompassing the composite process of converting energy products into various forms of energy. Greece's energy landscape has undergone a significant transformation over the last

decade.

Are fossil fuels still a major source of electricity in Greece?

Although there has been a notable upsurge in the integration of RES in Greece's energy mix, reshaping the electricity generation landscape, fossil fuels still make up a substantial 59% of the gross electricity production (2021).

Greece Large Outdoor Power Wholesale

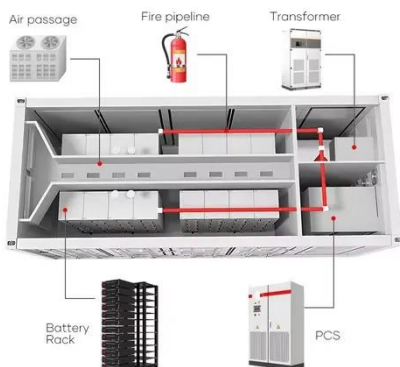


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