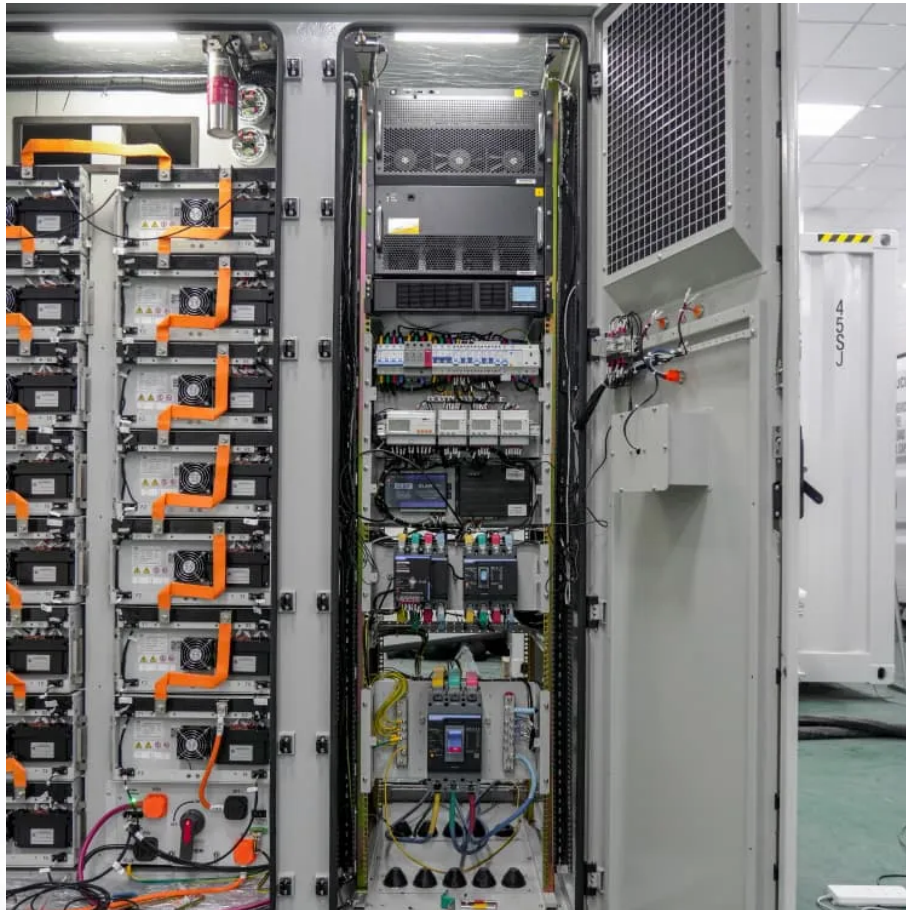


## PDEOZE PowerContainer

# What are the electricity base stations in Saudi Arabia



## Overview

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There are 482 Power stations in Saudi Arabia as of July, 2025. Our database covers major metropolitan areas including Makkah and Jeddah , which feature substantial concentrations of Power stations— 41 locations in Makkah and 40 in Jeddah .

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This article lists all power stations in Saudi Arabia. [1][2] ^ "CCGT Plants in Saudi Arabia". Gallery. Power Plants Around The World. 17 February 2014. Archived from the original on 18 July 2009. Retrieved 2 March 2014. ^ "UPDATED GENERATION PLANNING FOR THE SAUDI ELECTRICITY SECTOR" (PDF).

Saudi Arabia has 89 utility-scale power plants in operation, with a total capacity of 84331.5 MW. This data is a derivative set of data gathered by source mentioned below. Global Energy Observatory/Google/KTH Royal Institute of Technology in Stockholm/Enipedia/World Resources.

There are 482 Power stations in Saudi Arabia as of July, 2025. Our database covers major metropolitan areas including Makkah and Jeddah , which feature substantial concentrations of Power stations— 41 locations in Makkah and 40 in Jeddah . Makkah alone represents approximately 8.51% of all Power.

Electricity in the Kingdom of Saudi Arabia began in 1907 with two generators powered by coal and kerosene. Over the following decades, it evolved, leading the Kingdom into the era of renewable energy projects. The country witnessed the establishment of a legislative and regulatory framework for.

Saudi Arabia has 171 power plants totalling 87,960 MW and 51,859 km of power lines mapped on OpenStreetMap. If multiple sources are listed for a power plant, only the first source is used in this breakdown. Statistics on the electricity network in Saudi Arabia from OpenStreetMap.

Saudi Arabia seeks to increase its electricity generation capacity from natural gas and renewable energy sources as part of the country's Vision 2030.<sup>3</sup> The Saudi Power Procurement Company (SPPC) awarded bids for four natural gas-fired power plant projects in October 2023 and began receiving bids. How many power plants are in Saudi Arabia?

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How much electricity does Saudi Arabia generate?

Saudi Arabia generated an estimated 453 terawatt-hours (TWh) of electricity in 2023, with 62% from natural gas, 38% from oil, and less than 1% from renewables. Natural gas-fired electricity generation increased 8% year over year, from 260 TWh in 2022 to 280 TWh in 2023.

Who owns the Saudi power production company?

The Saudi Power Production Company, established in 2020, is wholly owned by the Saudi Electricity Company. It is responsible for producing electrical energy and ensuring the stability of the electrical system through thirty-eight power generation stations spread across the Kingdom's provinces.

What is the organizational structure of Saudi Electricity Company?

In 2002, the Board of Directors of Saudi Electricity Company approved a new phased organizational structure designed based on specialized activities, which include strategic work units: generation, transmission, distribution, and shared activities and support services.

When did electricity start in Saudi Arabia?

Electricity in the Kingdom of Saudi Arabia began in 1907 with two generators powered by coal and kerosene. Over the following decades, it evolved, leading the Kingdom into the era of renewable energy projects.

What services does the Saudi Electricity Regulatory Authority offer?

The Saudi Electricity Regulatory Authority offers several services, including the Consumption Footprint, which allows consumers to track and compare

their daily energy consumption with different rate tiers and identify consumption patterns.

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Unlock the complete dataset of 482 verified Power stations in Saudi Arabia available in multiple formats (JSON, CSV, Excel). Get your free sample today and see the data quality that sets us ...

Saudi Electricity Company plays a vital role by supplying the Kingdom with energy according to the highest reliability standards. The company is considered the primary source of electricity in the Kingdom.

Map of Saudi Electricity Grid - Saudi-Arabia - National Energy Grids - Library - GENI - Global Energy Network Institute. Saudi Energy Summary , .

Photovoltaic power generation and energy storage in Saudi Arabia The main technologies Saudi Arabia employs are photovoltaic and concentrated solar power. Of these two, photovoltaic ...

Saudi Electricity Company plays a vital role by supplying the Kingdom with energy according to the highest reliability standards. The company is considered the primary source of electricity in ...

List of power stations in Saudi Arabia This article lists all power stations in Saudi Arabia.

Saudi Arabia exported 0.4 TWh of electricity in 2022 and imported 0.3 TWh of electricity, each remaining flat compared with 2021.36 Electricity from Saudi Arabia can be ...

In the Eastern Province, the Electric Power Company for Dhahran was established in 1950. It was responsible for generating and distributing electricity to Dhahran, Dammam, and Khobar. Additionally, Saudi Aramco ...

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Data and information about power plants in Saudi Arabia plotted on an interactive map.

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