

## Electricity market trends bahrain

This analysis includes a comprehensive Bahrain energy market report and updated datasets. It is derived from the most recent key economic indicators, supply and demand factors, oil and gas pricing trends and major energy issues and developments surrounding the energy industry.

Total energy consumption increased by 2%/year between 2019 and 2021 and remained stable in 2022 (16 Mtoe). It rose slightly between 2014 and 2018 (1.5%/year), but surged by 8% in 2019, driven by rising electricity demand in industry and services.

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

The sectoral breakdown of a country's energy demand, which is based on its economy, geography and history, can greatly impact its energy needs and which energy sources it relies on to meet those needs - such as fueling automobiles, heating or cooling homes or running factories.

GRAPH 8: Consumption trends by energy source (Mtoe) -----17 GRAPH 9: Total consumption market share by energy (2022, %) -----18 ... Bahrain market report. updated April 2024 plete Bahrain Market Report includes updated energy data, prices, companies activities, graphs

Per capita energy consumption reached 11toe in 2022 (three times higher than the Middle East average and 6 times the global average), while electricity consumption per capita was 22 MWh (5 times the Middle East average and 7 times the global average), due to the aluminium sector.

The National Renewable Energy Action Plan (NREAP, 2017) set a target of 5% of renewables in the public power capacity by 2025 and 20% by 2035 (revised from 10% to 20% in June 2023). This corresponds to a renewable capacity of 255 MW in 2025 (200 MW of solar, 50 MW of wind, and 5 MW of biogas) and 710 MW in 2035 (400 MW of solar, 300 MW of wind, and 10 MW of biogas). The country is still far from these objectives (only 18MW of renewables installed end of 2023).

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