

## Amman electricity market trends

Over the past years, a clear policy has been adopted in the energy sector that mainly aims to achieve energy security through diversification of imported energy sources, the development of traditional and renewable local energy sources and their exploitation, the orientation towards sustainable energy and the adoption of a policy of ...

Primary energy trade 2016 2021 Imports (TJ) 395 928 303 433 Exports (TJ) 26 080 11 061 Net trade (TJ) - 369 848 - 292 372 Imports (% of supply) 104 91 Exports (% of production) 142 28 Energy self-sufficiency (%) 5 12 Jordan COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 33% 54% ...

From a geographical point of view, examining the spatial distribution pattern of the consumption rate of electrical energy in the city of Amman shows that the per capita consumption rate of electricity in the summer season--July 2015--is highly variable between the administrative city sectors, as shown in Fig. 5. In this investigation, the ...

This paper is aimed to highlight the energy consumption trends in Jordan and to suggest a strategy to face the high energy demand required. The data of this work is provided through the ministry of energy and the national electricity company officially.

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By JT - Oct 10,2022 - Last updated at Oct 10,2022

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Household and government usage stood at 7,732.3GWh, comprising 44.49 per cent of total electricity consumption, according to an EMRC statement, cited by the Jordan News Agency, Petra.

The EMRC data also revealed that electricity consumption in the industrial sector amounted to 3,132.3GWh (18.2 per cent), while the agricultural and water pumping sector accounted for 2,693.3GWh (15.5 per cent). This was followed by the commercial and hotel sector, at 1,875G.6Wh (10.79 per cent), with street lighting drawing 378.6GWh (2.18 per cent), while 1,568GWh went for other consumptions at 9.02GWh (9.02 per

cent).

A total of 2,428,297 consumers were connected to the three electricity distributors by the end of 2021, marking a 2.4 per cent increase from the 2,378,569 consumers registered in 2020.

Moreover, renewable energy capacity now stands at 1,579 megawatts, though traditional energy sources account for the majority of electricity supply, at around 3,977MW.

EMRC data also showed that peak power demand at night reached 3,770MW during winter, and 3,351MW during the summer.

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