

Why is electricity demand increasing in the MENA region?

line with large-scale reactors and further expand the market. Electricity demand in the MENA region is set to grow rapidly, increasing at an average annual rate of 3.6% from 2023 to 2035 in the STEPS, driven by growing populations, rising GDP and increasing electrification of energy end uses.

What are the key drivers of energy demand in the MENA region?

Renewables now represent 1% of total energy demand, led by bioenergy, hydro and solar. Nuclear power also represents 1% of total energy demand in the MENA region. IEA. CC BY 4.0. Note: PJ = petajoule. The electricity sector has been a key driver of total energy growth in the MENA region.

Which countries emit the most electricity in the MENA region?

Saudi Arabia and Iran are the two largest emitters, together accounting for roughly half of the MENA region total. While these two countries dominate in absolute terms, emissions have risen significantly across most of the region, driven by rapid electricity demand growth and continued reliance on fossil fuels for power generation.

Which end-use sector has the highest electricity consumption in the MENA region?

IEA. CC BY 4.0. In the MENA region, the buildings sector is the end-use sector with the highest total electricity consumption and also the highest electrification rate, at almost 40%. However, behind these numbers lies a more diverse picture across end uses and countries.

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The World Bank and affiliated organisations such as the International Finance Corporation (IFC) are also active in the region. In June 2021, the World Bank Group provided \$465 million to expand energy ...

How countries across the region meet this increased demand will have profound implications for the region's economic future but also for global energy markets. This report also explores the challenges and ...

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