

Title: Electricity generation iran

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Iran's economy consumed an estimated 13.5 quadrillion British thermal units (quads) of primary energy in 2022 (Table 1), making it the highest energy consumer in the Middle East.

Trends of Iran's Energy System Updated November 2025. This page steps through Iran's energy system, from fossil fuel emissions, to fossil fuel production, primary energy, final energy, and electricity generation. Charts ...

In 2008, the highest growth in generation of electricity belonged to gas and combined-cycle power plants, with a 9.3% growth rate while, the amount of electricity generated by hydroelectric power plants declined by 1.7%.

TEHRAN - Iran's nominal electricity generation capacity reached 94,649 megawatts by the end of the first months of the current Iranian calendar year (late April 2025), nearing the 95,000-megawatt threshold, ...

Iran's largest source of clean electricity is hydro (6%). Its share of wind and solar (0.5%) is well below the global average (15%). Iran relied on fossil fuels for 92% of its electricity in 2024. Its emissions per ...

Iran's electricity mix includes 85% Gas, 7% Oil and 6% Hydropower. Low-carbon generation peaked in 2019.

Iran's electricity generation relies heavily on petroleum and natural gas, with 94 % of power in 2018 produced from these fuels (Slocum and Gessel, 2022). This over-reliance contributes to CO 2 ...

Electricity Production in Iran reached 386,000 GWh in Mar 2024, compared with 367,433 GWh in the previous year. See the table below for more data. Explore the most complete set of 6.6 million time ...

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