

Electricity consumption iran



Overview

In 2025, Iran's electricity consumption is overwhelmingly dependent on fossil fuels, with more than 95% of its electricity generated from these sources. This interactive chart shows the average energy consumption per person each year. 17 billion kilowatthours, an increase from 322. Natural gas and oil accounted for almost all of Iran's total primary energy consumption, and hydropower, coal, nuclear. Electricity can be generated in two main ways: by harnessing the heat from burning fuels or nuclear reactions in the form of steam (thermal power) or by capturing the energy of natural forces such as the sun, wind or moving water. Electricity production tends to closely match demand, which in turn. TEHRAN- The managing director of Iran's Power Generation and Distribution Company (known as TAVANIR) has announced the power grid's readiness for the summer peak load, the development of renewable energy sources, and the implementation of a restriction program for high-consumption subscribers.



Article Content

Iran war: What is the Strait of Hormuz and why does it

In Africa, South Sudan and Mauritius both announced measures restricting electricity consumption. In Europe, Slovenia became the first EU

Global Oil Market Implications of U.S.-Israel Attack on Iran

Executive Summary The U.S.-Israel attacks on Iran and the subsequent Iranian retaliatory strikes have triggered a de facto closure of the

Data Centers and Water Consumption | Article | EESI

Besides on-site water consumption, a significant portion of data center water usage originates from the power facilities where they obtain their energy. Because 56% of the electricity

Electricity Consumption In Iran Breaks All-Time Records

Iran's electricity sector is in dire need of significant investment, and the country has been struggling to attract foreign investment in recent years. Iran has failed to realize its annual electricity

US inflation tops 4% for first time in three years as oil prices jump

US inflation hit 4.2% in May, the highest rate in three years, driven largely by energy costs linked to the US-Israeli war with Iran. The Strait of Hormuz remains effectively shut, choking off oil ...

Iran: Electricity consumption

Historically, the average for Iran from 1980 to 2023 is 136.63 billion kilowatthours. The minimum value, 19.68 billion kilowatthours, was reached in 1980 while the maximum of 335.17 billion kilowatthours

Electric power consumption (kWh per capita)

Electric power consumption (kWh per capita) - Iran, Islamic Rep. from The World Bank: Data

Country Analysis Brief: Iran

Iran's natural gas consumption averaged 8.9 Tcf in 2023, about 3% higher than in 2022 (Figure 6).⁴³ Growth in natural gas consumption accelerated in 2023 because of greater natural gas production;

Iran war's energy impact forces world to pay up, cut

Iran war's energy impact forces world to pay up, cut consumption By Alex Lawler and Arathy Somasekhar March 21, 2026 2:06 AM PDT Updated

Iran: primary energy supply 2024 | Statista

In 2024 and 2023, supply of primary energy in Iran amounted to some 12.82 exajoules, up from approximately 12.49 exajoules in 2022.

Electricity consumption | Iran (1980–2024) – Data, Charts & Analysis

Official data of Iran for all years of statistics, in an easy-to-read format. Electricity consumption: Historical data, charts and comparisons. Explore trends, growth rates, and changes over time.

Iran Energy Information

- Iran's Energy Use & Price by Sector: Iran's energy demand growth has slowed since 2019, with gas as the primary source. Residential, services, and agriculture sectors lead consumption, followed by

Energy in Iran

In 2010, Iran held 10% of the world's proven oil reserves and 15% of its gas. It is OPEC 's second largest exporter and the world's fourth largest oil producer.

Iran Electricity Generation Mix 2025 | Low-Carbon

In 2025, Iran's electricity consumption is overwhelmingly dependent on fossil fuels, with more than 95% of its electricity generated from these sources. Of this fossil

Iran: Electricity consumption

Iran: Electricity consumption, billion kilowatthours: The latest value from 2023 is 335.17 billion kilowatthours, an increase from 322.23 billion kilowatthours in 2022. In comparison, the world

Country Analysis Brief: Iran

Natural gas and oil accounted for almost all of Iran's total primary energy consumption, and hydropower, coal, nuclear, and non-hydropower renewables accounted for the remaining shares (Figure 2).⁹

Iran Electricity Generation Mix 2025 | Low-Carbon Power Data

Iran's electricity mix includes 75% Gas, 21% Unspecified Fossil Fuels and 3% Hydropower. Low-carbon generation peaked in 2019.

Oil Market Report

Oil Market Report - April 2026 - Analysis and key findings. A report by the International Energy Agency.

Energy and CO₂ in Iran

Energy budget, consumption and production capacities in Iran, including a comparison with the USA. CO₂ emissions, share of renewable energies

Iran electricity consumption

Iran electricity consumption 2026-05-19 14:46 Power grid ready for summer with focus on consumption management TEHRAN- The managing director of Iran's Power Generation and

ENERGY PROFILE Iran (Islamic Republic of)

reported emissions from the power sector. This assumes that, if renewable power did not exist, fossil fuels would be used in its place to generate the same amount of power

Energy Prices Drive U.S. Inflation To Three-Year High

Energy accounted for roughly 60% of the monthly increase in consumer prices, underscoring the growing economic impact of oil's rally following the outbreak of hostilities involving

Iran electricity consumption

TEHRAN - Iranian Energy Ministry has connected 144 villages to the national power grid over the past year as part of the government's push to expand electricity access in rural and deprived

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