

What type of energy is used in Iraq?

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important energy source in lower-income settings. Iraq: How much of the country's energy comes from nuclear power?

Why is Iraq's energy system vulnerable?

However the capacity to capture and process this gas has not kept pace. The inability to utilise its gas riches means that the country's gas deficit has grown, and Iraq now relies on imports from Iran to meet increasing demand. This has introduced a number of vulnerabilities to Iraq's energy system.

Does Iraq have a power outage?

Power outages are part of daily life in Iraq, but older generations can vividly recall a bygone era under the previous regime when electricity was stable and consistent. Before the 1980s, Iraq boasted one of the most developed energy sectors in the region.

What percentage of Iraq's electricity comes from natural gas?

Nearly all (about 98%) of Iraq's electricity generation is from oil and natural gas.⁶² Natural gas use in the electric power sector increased after 2016 because Iraq began importing natural gas from Iran to increase its own supplies. Hydroelectricity accounts for most of the remaining share of electricity production.⁶³

How has Iraq's energy system changed over the years?

This has introduced a number of vulnerabilities to Iraq's energy system. For example, payment issues last summer led to Iran cutting exports, significantly exacerbating electricity shortages in Iraq during peak seasonal demand. As oil production has soared, so has the amount of associated gas produced alongside.

What is Iraq's refining capacity?

Iraq's total operating refining capacity is about 1.2 million b/d.²⁷ The Iraqi government plans to reduce petroleum product imports by rehabilitating the refining sector and building new refineries, but the government has struggled in its efforts to attract the foreign investment needed in the downstream sector.

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There are a number of pathways available for the future of electricity supply in Iraq but the most affordable, reliable and sustainable path requires cutting network losses by half at least, strengthening regional interconnections, ...