

How can Iraq address its current electricity shortfall & growing power needs?

BAGHDAD - Iraq, one of the world's biggest energy producers, can address its current electricity shortfall and growing power needs through immediate action to relieve pressure on the system, according to an in-depth report published Thursday by the International Energy Agency.

What is the future of electricity supply in Iraq?

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, putting captured gas to use in efficient power plants, and increasing the share of renewables in the mix.

Is foreign help enough to fix Iraq's energy problems?

Foreign help is not enough to fix energy issues, domestic reform is necessary. This past July, Iraq and France's TotalEnergies finalized the Gas Growth Integrated Project, a \$27 billion energy deal aimed at Iraq's natural resources and improving the country's electricity supply.

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.<sup>62</sup> 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.<sup>63</sup>

How can Iraq improve electricity supply during the summer peak?

Promoting the more efficient use of electricity, including by introducing more progressive tariffs, would play an important role in ensuring that the growth in demand during the summer peak does not continue to outpace supply. Iraq also needs to take advantage of its abundant renewable energy potential.

Why did TotalEnergies sign a \$27 billion deal with Iraq?

(Reuters) Iraq and French oil major TotalEnergies on Monday signed a long-delayed \$27 billion agreement to build four oil, gas and renewables projects. The deal was signed in 2021 with an initial investment of \$10 billion in southern Iraq over 25 years, but it was delayed amid disputes between Iraqi politicians over terms.

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developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

The new IEA report, Iraq's Energy Sector: A Roadmap to a Brighter Future, maps out immediate practical actions and medium-term measures to tackle the most pressing problems in Iraq's electricity sector. The analysis finds Iraq has huge potential to cut its electricity network losses, which are among the highest in the world.

o Iraq consumed an estimated 2 quadrillion British thermal units of total primary energy in 2021, making it the fifth-largest energy consumer in the Middle East behind Iran, Saudi Arabia, the United Arab Emirates, and Qatar.

Iraq's Energy Sector: A Roadmap to a Brighter Future is the International Energy Agency's first in-depth analysis of the country's energy sector since 2012. It examines the problems affecting Iraq's power sector and offers recommendations for how to address the situation, including the potential role of renewables.

The challenge of developing Iraq's prodigious domestic gas resources has thrown the issue of energy independence into sharp relief. For the government of Prime Minister Mohammed Shia al-Sudani, the need is to improve electricity services that could support economic development, improve government services and build better security.

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