

How much electricity is available in Iraq in 2022?

Federal Iraq's available peak electricity generation supply was nearly 23 GW for 2022. The available supply in 2022 was much lower than the 34 GW needed to meet peak summer demand.<sup>66</sup> Iraq's electricity use is very seasonal and reaches peak capacity in the summer months.

Does Iraq still use oil?

Iraq will continue to mostly use oil to meet energy demand until it develops more natural gas processing capacity and pipeline infrastructure. Federal Iraq refers to the political entity that is governed by the central government of Iraq in Baghdad.

Is Iraq oil production up in July?

<sup>23</sup> Kate Dourian, Iraq Oil Report, "Iraq crude oil production up in July as KRG oil trickles back online," August 21, 2023. <sup>24</sup> U.S. Energy Information Administration, Short-Term Energy Outlook, September 2023. <sup>25</sup> Facts Global Energy, Middle East Oil Databook 4, Middle East Refined Product Balances, Fall 2023, page 84, and Spring 2023, page 88.

Is Iraq pursuing solar power goals?

<sup>65</sup> Iraq Oil Report, "Iraq pursues solar power goals, but hurdles remain," August 25, 2022; Middle East Economic Survey, "Baghdad Approves Solar Projects", June 2, 2023; Middle East Economic Survey, "Iraq's 2030 'Sustainable Transition' Plan: Gas & Renewables To The Fore", December 3, 2021.

How much oil did Iraq export in 2022?

Iraq's total seaborne-traded crude oil exports averaged nearly 3.6 million b/d in 2022, which was more than 230,000 b/d above the previous year, based on tanker loadings data.<sup>76</sup> The rise in exports reflects Iraq's higher crude oil production as the OPEC+ cuts gradually reversed through 2022.

How much natural gas is flared in Iraq?

According to the World Bank, Iraq flared more than 630 Bcf of natural gas in 2022, ranking as the second-largest source country of flared natural gas in the world, behind Russia.<sup>47</sup> Natural gas is flared because of insufficient pipeline capacity and other midstream infrastructure to move the natural gas from crude oil production areas.

You know, Iraq's been grappling with electricity shortages for decades - rolling blackouts still plague 43% of urban areas according to 2024 World Bank estimates. But here's the kicker: the ...

In an effort to neutralize an energy dominant, cash rich, and globally influential Iran, U.S. companies and the government are trying to make Iraq energy independent.

Why Energy Storage Matters for These Two Unlikely Allies Let's face it - when you think about energy storage policy, Baghdad and Seoul aren't exactly the first cities that ...

Meeting the national renewable energy targets requires scaling up and systematic integration of variable renewable energy (VRE) systems into the power grid, which in turn necessitates ...

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However, as has been the case in Lebanon and South Africa, this crisis is forging a vibrant, yet highly volatile, market for distributed solar and energy storage--particularly for residential ...

Why Energy Storage Inverters Are Iraq's New Power Play Let's face it: Iraq's energy grid has been playing a frustrating game of catch-up for decades. With daily blackouts ...

Let's face it - Iraq's electricity grid has been playing hide-and-seek with its citizens for decades. With peak demand often exceeding supply by 5GW [1], the country's energy storage needs ...

Iraq's Energy Storage Revolution: Case Studies The IRAQ-ESS-2024-01 national project aims to install 500MWh storage capacity by 2027 [5]. But what does this mean for car ...

Why This Event Matters for Energy Professionals If you're even remotely connected to the Middle East's energy sector, circle November 15-17 on your calendar. The Iraq Energy Storage ...

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, ...

Why Iraqi Energy Storage is the Next Big Thing (and Who's Leading the Charge) Let's face it--when you think of energy innovation, Iraq might not be the first country that ...

In 2024, Iraq stands poised to rebuild and revitalize its energy infrastructure, balancing the crucial role of hydrocarbons with reducing emissions and flaring while improving ...

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In an effort to neutralize Iran, which is becoming more energy dominant, cash rich, and globally influential, the U.S. government and American multinationals are accelerating efforts under Iraq ...

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solutions, featuring smart energy management and renewable ...

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