

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 the goal of Iraq's energy crisis?

The goal should be providing 24-hour electricity for Iraqi citizens, which is critical for stability and economic development. Once the power needs are fulfilled, the priority is to use gas for industrial development and job creation, with any surpluses being exported.

Why should the Iraqi government use renewable resources?

The depletion of oil and gas resources is another reason that should motivate the Iraqi government for utilization of renewable resources as it could provide the security and diversity in energy supply (Chen et al. 2016; Li and Yao 2020; Kazem and Chaichan 2012).

Can Iran meet Iraq's Electricity demand?

In terms of Iraq's growing demand for electricity, he also mentioned that Iran cannot meet Iraq's demand due to their own power generation needs and lack of investment. Therefore, the KRG and the Iraqi Federal Government should collaborate to resolve these issues and work with their neighbors.

Is Iraq suitable for solar energy exploitation?

Iraq geographical location is quite suitable for solar energy exploitation, as it is located in the southwestern side of the Asian continent extending between (29.50-37.22 $^{\circ}$ N) and (38.45-48.45 $^{\circ}$ E) (Shubbar et al. 2016; Jassim and Goff 2006).

How can Iraq achieve a balance between oil and gas?

Striking the right balance Iraq is fortunate to have natural resources, but the historical dominance of oil and gas creates a challenge. Eliminating gas flaring and reducing methane emissions is a welcome first step.

Energy storage resources are becoming an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable ...

Senior Turkish officials are visiting the Iraqi capital today for security consultations and discussions over energy co-operation, the Turkish ministry of foreign affairs said. The visit ...

Renewable generation will be used in the short term to supply remote off-grid demand locations. In the medium- to long-term, solar and wind power capacity will be developed for connection ...

The losses in the Iraqi system are around 40 TWh, four times the total neighbourhood generation in Iraq - addressing this could boost supply quickly. There are also options with increase available capacity by increasing the ...

Baghdad, Iraq; June 28, 2021: GE has announced a comprehensive "Energy Transition Plan" for Iraq, presenting its transformative strategies to support the country's evolution to a cleaner energy future. The plan includes several key ...

By John Lee. Prime Minister Mohammed Shiaa Al-Sudani has approved the recommendations of the committee responsible for establishing a fixed platform for imported gas at the large Al-Faw Port. This platform is the ...

BAGHDAD, March 27, 2024 - The Iraqi government has signed a deal for the supply of up to 50 mcm (1.77 bcf) per day of gas from Iran, local media reported on Wednesday. The gas will be directed to Iraq's power generation and ...

On April 24, 2023, the Atlantic Council's Iraq Initiative convened a hybrid panel discussion to examine Iraq's current economic and energy landscape, and their future trajectory. The panel discussed Iraq's significant ...

Establish an independent energy market and transmission system operator, and encourage a gradual move to cost recovery tariffs through full commercialization of the electricity sector; and. Develop funding policies ...

OPEC's second-largest producer signed its largest foreign investment in July 2023 worth USD 27 billion with French energy giant TotalEnergies to enhance oil and gas production and build downstream and ...