

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.

How will a Siemens substation help Iraq?

When fully commissioned, the substations will help to deliver enough power to the national grid equivalent to the electricity needs of more than two million citizens. In 2019, Siemens and the Iraqi Ministry of Electricity agreed on a roadmap to stabilize electricity transmission and distribution nationwide.

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.

Where in Iraq will new electricity transmission substations be built?

By next summer, Basra, Amara, Dywania, Kut, Hilla, Nassriya and other areas in Iraq, will house new electricity transmission substations that will bring reliable power to millions of people and help industries grow. Vice President, Grid Stabilization, Siemens Energy Middle East.

How will substations affect Iraq's power infrastructure?

The substations will strengthen the country's power infrastructure as part of an agreed roadmap for the electrification of the New Iraq. When fully commissioned, the substations will help to deliver enough power to the national grid equivalent to the electricity needs of more than two million citizens.

How much oil does Iraq produce a day?

It also takes a detailed look at the country's oil and gas sector, projecting that Iraq's oil production will grow by 1.3 million barrels a day by 2030, becoming the world's fourth-largest oil producer behind the United States, Saudi Arabia and Russia.

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In this report, the authors present an overview of the status of the electricity sector in federal Iraq with a focus on the key challenges it is facing, before discussing a roadmap towards energy transition, and the major steps ...

