



# Iraq outdoor energy storage program public announcement

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.

Why is there a power outage in Iraq?

Power outages in Iraq remain a daily occurrence for most households, as increasing generating capacity has been outrun by the increasing demand for electricity, spurred by greater cooling needs in the peak summer months.

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.

How has war affected Iraq's power infrastructure?

Despite the extraordinary challenges of war in recent years, Iraq has made impressive gains, nearly doubling the country's oil production over the past decade. But the turmoil has also undermined the country's ability to maintain and invest in its power infrastructure.

Why does Iraq have a gas deficit?

As oil production has soared, so has the amount of associated gas produced alongside. 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.

Will Iraq's oil production increase if water availability increases?

One impeding barrier is the availability of water, as planned oil production will require a level of water production above what has been achieved so far. Assuming an increase in water availability, Iraq's production to 2030 grows by around 1.3 mb/d, making it the third largest contributor to global oil supply in that time.



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