



# Average residential ESS price per 1MW in Iraq

How much does electricity cost in Iraq?

Iraq, December 2022: The price of electricity is 0.015 U.S. Dollar per kWh for households and 0.046 U.S. Dollar for businesses which includes all components of the electricity bill such as the cost of power, distribution and taxes.

How much electricity does Iraq use per capita?

Electricity consumption per capita was 1 190 kWh in 2022. It remains much lower than in neighbouring countries (1 900 kWh in Jordan and 3 300 kWh in Turkey). In 2013, Iraq published its Integrated National Energy Strategy (INES) until 2030, which could represent US\$620 bn in investments in the energy sector.

How much does a MWh system cost?

MWh (Megawatt-hour) is a measure of energy capacity (how long the system can continue delivering that power output). For example, a 1 MW /4 MWh BESS has four hours of storage capacity. So, while the system might be \$200,000 per MW, the effective cost can be \$800,000 per MWh if it has four hours duration.

What is Iraq's Integrated National Energy Strategy?

In 2013, Iraq published its Integrated National Energy Strategy (INES) until 2030, which could represent US\$620 bn in investments in the energy sector. Beside infrastructure development, the strategy noted the need for institutional reforms to foster private participation in the energy sector.

What is the main energy source in Iraq?

Oil is the country's main energy source, accounting for two thirds of total energy consumption. By 2027, the country plans to double its oil production to 8 mb/d and expand its export capacity by 50%. Saudi Arabia and Iraq will build a 1 GW transmission line by 2023-2024. Iraq's economy is mainly based on the oil industry.

How many MW of solar will Iraq have in 2020?

In 2017, the MoE launched the Renewable Energy Investment Program with a target of 2 695 MW of solar for 2020. The target was far from met as only around 40 MW was reached in 2020 (still 40 MW in 2023). In its NDC, Iraq aims to cut CO<sub>2</sub> emissions from industry by 1-2% and invest US\$100bn in green economy for both private and public sectors by 2030.



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