

IRAQ IS PREPARING TO STORE ENERGY



LIQUID COOLING
INTELLIGENT INTEGRATION
PROTECTION FEATURES
BATTERY MANAGE COOL



Why do Iraqis still need electricity? In human terms, Iraqis continue to bear a heavy price for this situation. In a country where temperatures are 50°C in the summer, electricity provision is fundamental to social stability and security, said Majid Jafar, CEO of Crescent Petroleum, which has been developing gas for domestic use in Iraq since 2007.



LIQUID COOLING
INTELLIGENT INTEGRATION
PROTECTION FEATURES
BATTERY MANAGE COOL



Does Iraq have a 24-hour electricity supply? Even with the imports, Iraq cannot guarantee 24-hour electricity supplies across the country, particularly during the peak summer demand periods. Iraq's electricity demand in the summer exceeds 35GW, at least 10GW more than can be provided. The result is frequent blackouts and the overuse of pricey private diesel generators.



LIQUID COOLING
INTELLIGENT INTEGRATION
PROTECTION FEATURES
BATTERY MANAGE COOL



Is gas a key to Iraq's Energy Independence? Even LNG exports are an option. Iraq has not even begun to really explore gas developments in a major way, said Jafar. Gas will be fundamental to Iraq's ambitions towards energy independence, since it is considered a transition fuel, as the COP28 summit in Dubai in late 2023 designated it.



LIQUID COOLING
INTELLIGENT INTEGRATION
PROTECTION FEATURES
BATTERY MANAGE COOL



Will natural gas replace imported electricity in Iraq? Natural gas will replace other sources as well as the share of imported electricity in the short-to-medium term. But Iraq will need twice the amount of gas in the coming years to be able to supply demand for electricity, and our projects will help fill a portion of that need, said Qadi.



LIQUID COOLING
INTELLIGENT INTEGRATION
PROTECTION FEATURES
BATTERY MANAGE COOL



Why is Energy Independence important in Iraq? The challenge of developing Iraq's prodigious domestic gas resources has thrown the issue of energy independence into sharp relief. For the government of Prime Minister Mohammed Shia al-Sudani, the need is to improve electricity services that could support economic development, improve government services and build better security.

IRAQ IS PREPARING TO STORE ENERGY



Is Iraq a good place to invest in energy? Iraq faces a stark energy conundrum. The country holds the world's fifth-largest proved crude oil reserves at 145b bl, equivalent to 8% of the global total and is twelfth in terms of global gas reserves at 131tcf. Renewables are another potential strength, with plans to install 12GW of solar capacity by 2030.



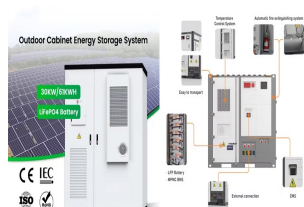
Iraq is largely dependent on its energy imports from Iran. "We are working closely with the ministry of oil to compensate the affected plants with alternative fuel and ensure that there is no



Iraq has signed memoranda of understanding (MOUs) with the US to develop power plants and an integrated solar energy project in Iraq, according to the Iraqi prime minister's media office announcement. This development a?



Once considered self-sufficient, the country's energy production is now faltering under growing demand and dwindling supplies, with experts warning that the situation could escalate into an even greater disaster by next summer. a?



Iraq on Wednesday signed a memorandum of understanding with US energy firm GE Vernova to produce 24,000 megawatts of electricity, the government said, during a visit by an American trade delegation.

IRAQ IS PREPARING TO STORE ENERGY



Iraq has signed agreements with two American companies to produce 27,000 megawatts of electricity a month after the US refused to renew a sanctions waiver that allowed Baghdad to purchase energy from Iran. The a?|



The next years will be crucial for Iraq's journey to energy independence and the roadmap to delivering on those ambitions is promising. Looking beyond the power sector, the Iraqi government knows it needs local a?|