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## Compact power station factory in Dubai

Where is the Hassyan gas-fired power plant located?

The Hassyan gas-fired power plant is located on the Arabian Gulf coast, south of Dubai, UAE. Photo: Dubai Electricity and Water Authority (PJSC) via Business Wire. The 2.4GW Hassyan power complex is a gas-fired power plant project in Saih Shuaib, Dubai, United Arab Emirates (UAE).

Does Dubai need a power plant?

The power plant is estimated to supply Dubai with 20% of its total power needs. It will also help avoid about 30 million tonnes of carbon dioxide (CO<sub>2</sub>) emissions by 2030. The Hassyan power plant was developed on a build-own-operate (BOO) basis using the independent power producer (IPP) model.

How does Dewa finance Hassyan power plant?

According to the agreement, DEWA purchases the electricity generated at Hassyan at a tariff rate of less than \$0.05 per kilowatt-hour. The power plant was provided with limited recourse project financing comprising senior-secured financing and a protected mezzanine tranche.

What is the Hassyan power plant?

The Hassyan power plant was developed on a build-own-operate (BOO) basis using the independent power producer (IPP) model. The plant is equipped with Alstom Energy's (now GE) USC technology (boiler and steam turbine generator), which is capable of burning natural gas and sub-bituminous coal.

Hassyan Clean-Coal Power Project (???? ?????? ??????? ???????) is an operating power station of at least 2400-megawatts (MW) in Jebel Ali, Dubai, United Arab Emirates with multiple units, ...

In June 2021, the "solar-storage" integrated scientific research and demonstration project in Dubai completed its trial operational test on overall power station functions, marking the preliminary ...

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With this achievement, the construction of the Dubai Hassyan Power Station project has been smoothly concluded, ensuring the robust supply of electricity in the Dubai ...

Hassyan Power Project Details  
Technology Used at The Hassyan Power Complex  
Gas Supply  
Power Purchase Agreement For The Gas-Fired Power Plant  
Financing Details of The Hassyan Power Facility  
Contractors Involved  
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