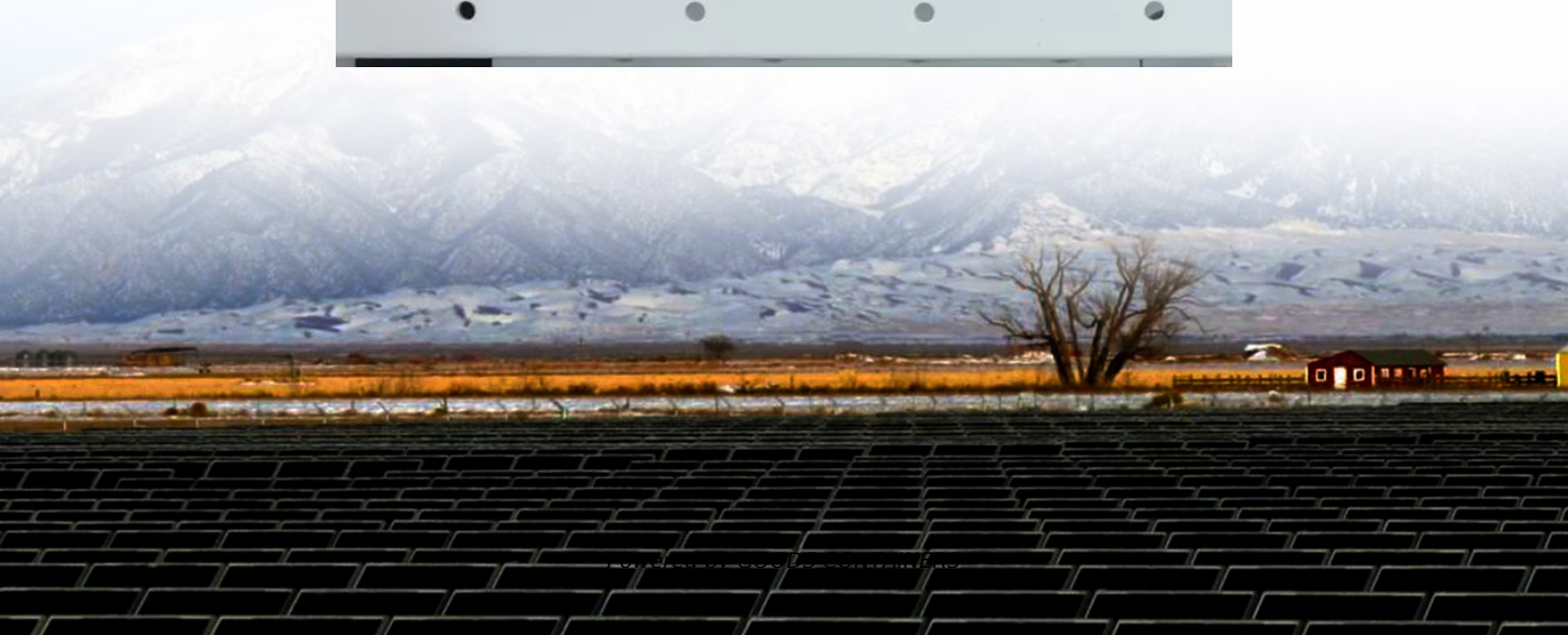


# Dubai Power Plant in the United Arab Emirates





## Overview

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Will the UAE build a nuclear power plant?

The UAE has embarked upon a nuclear power programme in close consultation with the International Atomic Energy Agency, and with huge public support. It accepted a \$20 billion bid from a South Korean consortium to build four commercial nuclear power reactors, total 5.6 GWe, by 2020 at Barakah.

What percentage of UAE electricity is produced from fossil fuels?

About 70% of electricity in the UAE is produced from fossil fuels, down significantly from over 95% prior to the commissioning of the Barakah nuclear power plant. Reactors operating in the UAE The United Arab Emirates (UAE) was founded in 1971, comprising seven states including Abu Dhabi and Dubai.

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.

Will the UAE build a nuclear power plant at Barakah?

[Back] The UAE has commenced a nuclear power programme. It accepted a bid from a South Korean consortium to build four commercial nuclear power reactors at Barakah, the first of which was connected to the grid in August 2020.



## Dubai Power Plant in the United Arab Emirates



### [Middle East's first clean coal power station connected to grid](#)

The No 1 unit of the Hassan 4x600MW Clean Coal-fired Power Plant Project -- in Dubai, in the United Arab Emirates (UAE) -- was recently successfully connected to the grid. It is the first ...

### [Hassyan Power Complex, Dubai, UAE](#)

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  
Abu Dhabi National Oil Company (ADNOC), a state-owned oil and gas company based in the UAE, signed an agreement with the Dubai Supply Authority (DUSUP) for the supply of natural gas for the Hassyan power complex in September 2022.  
See more on power-technology Emirates Nuclear Energy Corporation



## Barakah Nuclear Energy Plant

11 hours ago · The Barakah Nuclear Energy Plant (Barakah NPP), composed of four APR1400 nuclear energy reactors with an electric output of 1,400 ...

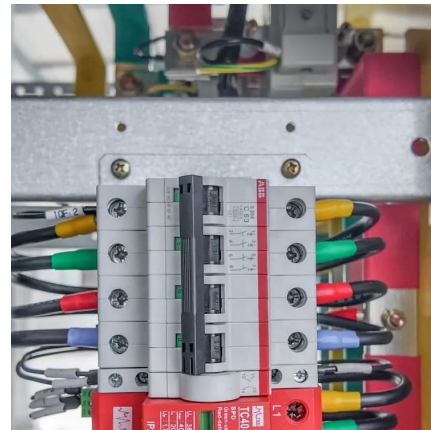
### [Hassyan Clean-Coal Power Project](#)

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



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