



# Quote for wind power base station of UAE power plant

Where is Abu Dhabi's wind program located?

It spans the following four locations: Al Halah in the emirate of Fujairah. Developed by Abu Dhabi Future Energy Company (Masdar), the Wind Program marks a new milestone in introducing utility-scale wind power to the UAE's energy mix. It leverages advances in technology, material science and aerodynamics to capture low wind speeds on utility scale.

How many homes will a wind project power in the UAE?

A wind programme launched in the UAE will power more than 23,000 homes a year, it was announced on Thursday. The 103.5-megawatt (MW) project developed by Abu Dhabi Future Energy Company PJSC - Masdar will displace 120,000 tonnes of carbon dioxide. This is equivalent to removing more than 26,000 petrol-powered cars from the roads annually.

What does a 103.5 MW wind project mean for the UAE?

The 103.5-megawatt (MW) landmark project will introduce cost-effective, large-scale, utility wind power to the UAE's electricity grid, further diversifying the country's energy mix and advancing its energy transition.

Why is the UAE launching a wind turbine project?

The project is also creating a foundation of critical scientific wind data, which will form the basis of the UAE's next phase of development.

Where are UAE's wind farms located?

The other wind farm locations include Delma Island (27MW), and Al Sila in Abu Dhabi (27MW), as well as Al Halah in Fujairah (4.5MW). Previously, wind energy was not viable at utility scale due to low wind speeds in the UAE, but innovations within climate technology and UAE-led expertise have made power generation using wind possible.

What is the UAE wind program?

On behalf of the UAE President, Khaled bin Mohamed bin Zayed, Crown Prince of Abu Dhabi, has inaugurated the UAE Wind Program. Developed by Masdar, the project further strengthens decarbonisation efforts and accelerates progress towards achieving UAE net zero emissions by 2050. [pic.twitter.com/nwEDRxMX5u](https://pic.twitter.com/nwEDRxMX5u)



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