

# Abu Dhabi solar Panel Power Generation Scheme





## Overview

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Who owns Abu Dhabi power plant?

The project is developed under a public-private partnership (PPP) scheme and is jointly owned by Abu Dhabi National Energy Company (TAQA, 40%), Masdar (20%), EDF Renewables (20%), and Jinko Power (20%). The construction of the power project began in 2020 and the plant was commissioned in June 2023.

What is 2GW Al Dhafra solar project?

The 2GW Al Dhafra solar project is a photovoltaic power plant in Abu Dhabi, UAE. Credit: Masdar/ PRNewswire. The electricity generated by the plant is supplied to Emirates Water and Electricity Company (EWEC) under a 30-year power purchase agreement. Credit: ABB.

Where is Al Dhafra solar project located?

The solar power project is in line with the UAE Energy Strategy 2050, which aims to increase the share of renewable energy in the total energy mix from 25% to 50% by 2050. The Al Dhafra solar project is located approximately 35km south of Abu Dhabi. The project is constructed in an area of approximately 20km<sup>2</sup>.

Who provided automation and optimisation solutions for Al Dhafra solar project?

ABB, a technology company, provided automation and optimisation solutions for the project. Al Dhafra solar project is a 2GW photovoltaic (PV) independent power producer (IPP) project, which will be located in Al Dhafra region in the UAE.



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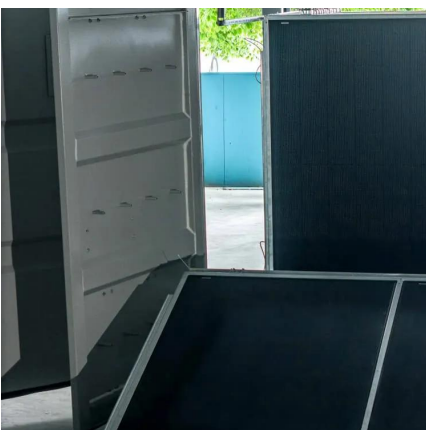


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Al Dhafra Solar Project Location  
Al Dhafra Solar Project Details  
Details of The Bifacial Solar Modules  
Power Purchase Agreement  
Financing Details  
Contractors Involved  
The Al Dhafra solar project is located approximately 35km south of Abu Dhabi. The project is constructed in an area of approximately 20km<sup>2</sup>. The region is also home to the 1.17GW (previously known as the Sweihan solar photovoltaic power plant), which is one of the world's biggest solar power plants. See more on power-technology



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