

UAE Dubai 2025 solar Energy Storage Policy





Overview

How much solar power will the UAE have by 2032?

In the region, we have gone from 10 megawatts (MW) of solar photovoltaic power in the UAE in 2009 to over 60 gigawatts (GW) by 2032 from announced projects across all six Gulf countries. The UAE made a bet on this transition. Our leaders recognised that the times called for new thinking on energy, and that we had much to gain by being its champion.

What is the UAE Energy Strategy 2050?

Given the recent dynamic changes in the energy sector, the maturity of emerging low-emission energy technologies, and the country's commitment to the objectives of the Paris Agreement, the UAE Energy Strategy 2050 was updated, setting goals for 2030 and ambitions for 2050 to reach net zero.

Will UAE achieve net zero by 2050?

In the first phase, which runs till 2030, the strategy aims to: achieve financial saving of AED 100 billion and mobilise investments between AED 150 and 200 billion by 2030 to ensure the energy demand is met and to sustain economic growth in the UAE. The picture below highlights the UAE's journey to achieve net zero by 2050.

Is 2023 a year of sustainability?

The move aligns with the declaration of H. H. Sheikh Mohamed bin Zayed Al Nahyan marking 2023 as the Year of Sustainability, under the theme 'Today for Tomorrow'. Updates in the UAE Energy Strategy 2050



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[Dubai's 2025 Solar Energy Push: A Bold Leap Toward a ...](#)

Jun 19, 2025 · The solar park's low electricity costs, with bids as low as 1.35 U.S. cents per kilowatt-hour, rival those of fossil fuels, proving that clean energy can be economically ...

[UAE Renewable Energy: Leading the World in Sustainability 2025](#)

Sep 8, 2025 · By combining policy, investment, and innovation, the UAE has created a strong foundation for renewable energy development. Investment in Solar Power: The UAE's desert ...



UAE Powers Ahead: 2025 Solar Expansion Sets Benchmark for Global Energy

Sep 26, 2025 · With the eyes of the world still on the UAE following its hosting of COP28 in Dubai, the message is clear: the country intends to remain at the forefront of sustainable development ...

Dubai expands storage in seventh phase of world's largest solar ...

Nov 5, 2025 · The first phase of the solar park, which incorporates both ground-mounted solar and concentrated solar power technologies, was commissioned in October 2013.



[UAE plans \\$6bn solar energy storage plant](#)

Jan 14, 2025 · The scheme will be funded by private equity and debt financing, according to Alobaidli. The UAE plans to triple renewable energy capacity to 14GW by 2030, aligning with ...



Solar & Storage 2025 Dubai: Innovations in Solar Power & Energy Storage

Jun 28, 2025 · Explore Dubai's leading solar and energy storage developments in 2025, featuring major projects, events, and technologies shaping the UAE's sustainable energy future.



[Dubai Solar News: MBR Solar Park to Add 800 MW by 2025](#)

Aug 7, 2025 · DEWA is expanding the Mohammed bin Rashid Al Maktoum Solar Park with 800 MW of new capacity by 2025. Get the latest UAE solar energy news on this major clean ...





[UAE Energy Strategy 2050 . The Official Platform of the UAE ...](#)

The UAE Energy Strategy 2050 aims to triple the contribution of the renewable energy and invest AED 150 to AED 200 billion by 2030 to meet the country's increasing demand for energy as a ...



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