

Espay Solar Energy S.L.

Middle East Oil Solar Power



Overview

The Middle East and North Africa (MENA) region, long synonymous with oil, is emerging as a global powerhouse in solar energy. Saudi Arabia's Vision 2030 aims for 50% renewables in its energy mix by 2030, with 130 GW of capacity planned — one of the world's most ambitious clean energy targets. The UAE is investing \$54 billion in renewables and hosts some of the largest solar farms on the planet, including Dubai's 5 GW. In the United Arab Emirates, Federal Decree-Law No. 11 of 2024 (the UAE Climate Law) became effective on 30 May 2025, nine months after its issuance on 28 August 2024, while Cabinet Resolution No. 67 of 2024 establishing a National Register for Carbon Credits came into force on 28 December 2024. Several Middle Eastern countries are investing heavily in solar power projects, aiming to significantly increase the share of renewable energy in their power generation mix. Solar PV is expected to contribute over half of the Middle East's power supply by 2050, driven by increasing power demand and. By the end of the year, renewables could be displacing more than 150,000 b/d of oil from Saudi Arabia's power sector. The Middle East set new records for energy demand and emissions in 2024, according to the Energy Institute's Statistical Review of World Energy, co-authored by KPMG and Kearney.

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From Oil To Sun: MENA's Rise As A Solar Powerhouse

The Middle East and North Africa (MENA) region, long synonymous with oil, is emerging as a global powerhouse in solar energy. Countries like Morocco, Egypt, Saudi Arabia, and the UAE are driving a ...

The Middle East Is Bracing for a Solar Energy Boom

From Oman and Saudi Arabia to the United Arab Emirates and Qatar, the future of Middle East energy is appearing increasingly green.



The Middle East's Solar Shift: From Oil to Energy Powerhouse

The Middle East, long defined by its oil wealth, is now emerging as a global leader in solar power. Once considered an afterthought in a region built on hydrocarbons, solar energy is now ...

Middle East's Solar Revolution: From Oil Giant to Clean Energy

An economy that was formerly reliant on oil is now becoming a solar powerhouse, establishing itself as a major participant in the future of sustainable energy and setting lofty goals for ...



2026 Middle East Native Renewable EPC Giants Top 20: How

From the sun-drenched skyline of Dubai--where towering innovations like the Mohammed bin Rashid Al Maktoum Solar Park symbolize the region's pivot from oil dominance to solar ...

From oil to solar: Navigating the energy transition for...

The shift from oil wells to solar farms and hydrogen hubs marks the most significant strategic pivot for Middle East fossil-fuel giants in a generation. The energy transition is not simply a ...



Solar Power in the Middle East: Turning Deserts into Energy Hubs

The Middle East has long been synonymous with oil wealth, powering economies and fueling global energy demands for decades. However, the

world's growing urgency to combat climate ...



Middle East's Green Revolution: How The Region Became A Global ...

The Middle East's transition from oil dependency to renewable energy leadership marks a pivotal moment in global energy history. By leveraging abundant solar resources, ambitious ...



Solar power advances in the Middle East but fossil fuels dominate

While solar energy growth in the Middle East is encouraging, fossil fuels still dominate though there appears to be a wide gap between the IEA and OPEC as to what percentage oil and ...

DNV Report Highlights Growth of Solar and Wind Capacity in the ...

A new analysis by DNV finds that the Middle East is entering a period of rapid renewable power growth, led by very large solar projects and the increasing

use of energy storage.



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