

Malaysia new outdoor solar power hub



Overview

Launched on 12 July 2025, the project demonstrates how Malaysia's largest lake – spanning 36,900 hectares – holds immense potential for floating solar, with up to 10% of its surface deployable to generate an estimated 2,200 MW without affecting the lake's ecology. UEM Group Bhd said today that its subsidiary UEM Sunrise Berhad has entered a strategic partnership with Itramas Corporation Sdn Bhd and China Machinery Engineering Corporation (CMEC) to develop a 40-acre Renewable Energy (RE) Industrial Park in Gerbang Nusajaya, Iskandar Puteri, Johor. These initiatives aim to position Malaysia as a regional leader in the green hydrogen value chain while supporting the. A \$6 billion hybrid solar and battery hub in Malaysia validates the model for integrated clean power systems serving Asia's industrial and data center boom. The Malaysian state of Johor has launched the \$6 billion Southern Johor Renewable Energy Corridor (SJREC), a massive hybrid solar and battery. ALOR STAR: Kedah is well-positioned to emerge as a solar energy hub, with several locations in the state receiving some of the most optimal annual sun exposure for renewable energy (RE) generation. Malaysia marked a significant step in its clean energy journey with the official launch of the Hybrid Hydro Floating Solar (HHFS) and the Green.

Article Content

Malaysia's National Energy Transition Roadmap Advances with Green ...

Malaysia reached a major milestone in its energy transition roadmap with the launch of the Hybrid Hydro Floating Solar (HHFS) and Green Hydrogen Hub in Terengganu on 12 July 2025.

Kedah poised to be regional solar power hub

"Kedah will emerge as a solar energy hub with the steady growth of investments in several locations, namely Kuala Muda, Kuala Ketil, Bukit Selambau and Bukit Kayu Hitam.

Malaysia Launches Floating Solar and Hydrogen Hub

Malaysia has launched a Hybrid Hydro Floating Solar (HHFS) and Green Hydrogen Hub in Terengganu. The hub is a collaboration between Petroliam Nasional Berhad (Petronas) and ...

Malaysia's 4 GW / 5.12 GWh solar-plus-storage complex gets World ...

The Southern Johor Renewable Energy Corridor (SJREC) will be developed as part of a \$6 billion project for a 2,000 kilometer-squared hybrid solar and battery energy storage system zone ...

Malaysian utility unveils hydro-floating solar, hydrogen hubs

Tenaga Nasional Berhad says the newly-announced hybrid hydro floating solar hub and green hydrogen hub will position Malaysia as a regional leader in the green hydrogen value chain.

Malaysia Launches Massive Solar Battery Hub for Regional Power Trade

The Malaysian state of Johor has launched the \$6 billion Southern Johor Renewable Energy Corridor (SJREC), a massive hybrid solar and battery storage system zone.

UEM Sunrise announces development of 40-acre renewable energy ...

This RE Industrial Park is a part of the one-gigawatt hybrid solar power plant project, a key initiative under Malaysia's National Energy Transition Roadmap (NETR) announced by the government in ...

Malaysia's 4 GW / 5.12 GWh solar-plus-storage complex gets ...

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TNB, PETRONAS & Terengganu Inc Drive Malaysia's Energy ...

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PRESS RELEASE

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Green Hydrogen Hub Launch In Terengganu Accelerates Malaysia's ...

On August 19, 2025, Malaysia pulled back the curtain on its Hybrid Hydro Floating Solar (HHFS) and Green Hydrogen Hub in the Kenyir-Kertih Corridor, Terengganu.

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