AUTHOR: No author available SECTION: BUSINESS PAGE: A6 PRINTED SIZE: 165.00cm² REGION: KL
MARKET: Malaysia PHOTO: Black/white ASR: MYR 460.00 ITEM ID: MY0061701006

07 DEC, 2024

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Borneo Post (KK), Malaysia

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**KUALA LUMPUR:** Cypark Resources Bhd and Terengganu Inc Sdn Bhd have entered into a partnership to develop a 500 megawatt (MW) hybrid hydro floating solar (HHFS) plant at Tasik Kenyir, Terengganu.

Malaysia's leading renewable energy (RE) solutions provider and the strategic investment arm of the Terengganu state government have signed a heads of agreement to establish a joint venture yesterday.

TNB Power Generation Sdn Bhd will design, build, and operate the plant, further showcasing Malaysia's leadership in green energy innovations.

Cypark executive chair Datuk Hamidah Moris said the project reflects its ambition to make an impact by helping to advance a circular economy that aligns with the United Nations' (UN) Sustainable Development Goals (SDGs), specifically SDG7 for affordable and clean energy and SDG12 for responsible consumption and production.

"By combining Cypark's renewable energy experience with Terengganu Inc's strategic vision, we have created a powerful blueprint for sustainable progress. With its unique ecosystem and vast potential, Tasik Kenyir provides the ideal setting for this groundbreaking initiative.

"The integration of HHFS technologies will not only enhance energy efficiency, but also set new benchmarks for RE solutions in the region," she said in her opening speech at the signing ceremony yesterday.

Hamidah said hydropower generation combined with Tasik Kenyir's 370 square kilometres water surface area holds great potential for energy generation and storage, supporting Malaysia's grid system.

Additionally, the project also represents a tremendous opportunity for job creation, especially in a domain that would require a long-term, skilled workforce that would be highly exportable and in demand, she said.

The groundbreaking project is set to begin in 2025, with hybrid hydro and floating solar photovoltaic technologies, marking a major milestone in Malaysia's transition to renewable energy.

Meanwhile, Terengganu Inc president and group chief executive officer Burhanuddin Hilmi Mohamed @ Harun emphasised the importance of the initiative, which would underscore its commitment to leveraging Terengganu's natural capital responsibly while driving inclusive and sustainable growth for the state and nation

"The 500MW HHFS project is the first of its kind in Malaysia and will harness Tasik Kenyir's vast water body for clean energy generation.

"It will be the single largest site in Malaysia that combines solar energy production, battery storage as well as unlocking the potential of Malaysia's extensive bodies of water," he said. — Bernama

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