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Solar power plant set to open in Kedah Rubber City by 2028

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Solar power plant set to open in Kedah Rubber City by 2028

By CY LEE
chenyoong@thestar.com.my

A SOLAR power plant with a generation capacity of 119.7 megawatts (MW) is being developed on a 121ha site in Padang Terap, Kedah.

"It effectively addresses the escalating demand for green power, particularly from the corporate sector, while supporting the stability and reliability of the nation's electricity grid," said HLGY Energy Sdn Bhd chairman and executive director Kenneth Yap Kian Hoong.

He said site clearing has begun at the location, which is less than 1km from the Kedah Rubber City main intake substation.

Yap said Tenaga Nasional Bhd has also approved the project's stage 1 and 2 power system studies, which assess the plant's impact on the electricity grid and its compliance with technical requirements.

The plant, costing over RM400mil and expected to be completed in the first half of 2028, will also have a battery energy storage system capable of delivering 60.48MW of power for approximately four hours.

Developed under the Energy Transition and Water Transformation Ministry's (Petra) Corporate Renewable Energy Supply Scheme, which allows businesses to purchase renewable electricity directly from producers through the national grid, the project will supply power to Bridge Data Centres Malaysia IV Sdn Bhd.



Yap (second from left) with Bridge Data Centres Malaysia IV Sdn Bhd representative Dong Bin after signing the bilateral energy supply contract in Kuala Lumpur. Looking on are Tanjung Piai MP Datuk Seri Dr Wee Jeck Seng (left) and Northern Corridor Implementation Authority (NCIA) chief executive Datuk Mohamad Haris Kader Sultan. — AZLINA ABDULLAH/The Star

HLGY signed an agreement to supply renewable electricity to Bridge Data Centres Malaysia IV in Kuala Lumpur.

The company also signed agreements with AmBank Islamic Bhd for financing, Mabcon Energy Sdn Bhd for engineering and construction, U Mobile Sdn Bhd for digital connectivity and Asia Carbonx Change PLT for renewable energy certificate services.

Petra sustainable energy division undersecretary Rosmahyuddin Baharuddin said renewable energy development must also safeguard electricity supply reliability and affordability.

"Our objective is to facilitate investment and wider participation while maintaining system reliability and ensuring that the associated costs are appropriately borne without placing an unfair financial burden on other electricity consumers," he said.

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