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RM430 million hybrid solar farm for Malacca

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➤ First dam-based project in state to support renewable energy targets with 90MW capacity and cleaner power generation

MALACCA: Malacca's first hybrid solar project, valued at RM437 million, is set to be developed on a 122.08ha site at Jus Dam in Jasin by the end of this year.

State senior executive councillor for Housing, Local Government, Drainage, Climate Change and Disaster Management Datuk Rais Yasin said the floating solar farm project, with a capacity of 90 megawatts (MW) alternating current, would involve the installation of 190,000 solar panels across land

and water surfaces.

He said the project, a strategic collaboration between the state government through Melaka Green Technology Corporation and Jus Power Sdn Bhd, is expected to be fully completed by the end of 2027.

"The energy generated will be channelled to the Tenaga Nasional Berhad grid for use across Peninsular Malaysia over a 21-year operational period.

"The project is expected to generate about 206 gigawatt-hours (GWh) of energy annually, sufficient for approximately 35,000 homes, while reducing carbon dioxide emissions by 125,000 tonnes a year."

Rais was speaking after witnessing the exchange of documents on the project between the Malacca government, represented by State Secretary Datuk Azhar Arshad and Jus Power Sdn Bhd chairman Datuk Seri Ong Ah Hwa, Bernama reported.

He said the project was the first to be

implemented at a dam area in Malacca and if it achieved its targets over the 21-year operational period, it could be expanded to two other dams in the state, namely the Durian Tunggul Dam in Alor Gajah and Asahan Dam in Jasin.

He added that the project is also expected to strengthen the clean energy transition and green development agenda in Malacca.

"The development of this project is in line with the National Energy Transition Roadmap to achieve 70% renewable energy by 2050.

"For Malacca, under the Melakaku Maju Jaya 2035 Strategic Plan, the state government is targeting renewable energy capacity of 300MW and so far, we have achieved around 200MW, which is nearly 70% of the target," he said.

Earlier solar farm developments in Ayer Keroh, Rembia, Bemban and Masjid Tanah had generated about 102GWh of energy annually, capable of supplying electricity to more than 28,000 homes.