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Malaysia boosts energy security amid volatility

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RESILIENCE CRITICAL

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KUALA LUMPUR: The government has made energy security a strategic national priority for Malaysia amid global market volatility and geopolitical disruptions, said Deputy Prime Minister Datuk Seri Fadillah Yusof yesterday.

Fadillah, who is energy transition and water transformation minister, said these pressures continue to weigh on energy costs and economic stability, making resilience increasingly critical.

He said Malaysia must strengthen its domestic energy base through stable, sustainable and reliable sources to ensure long-term energy security.

"Clean energy supply has also become a key determinant of investment decisions in today's global economy," he said at the Corporate Green Power Programme (CGPP) project completion ceremony.

Fadillah said the completion of the Setia Kawan Energy and Selarong Pertama Energy solar projects marks further progress in Malaysia's clean energy transition under the CGPP.

The projects carry a combined investment value of about RM300 million, underscoring growing private sector participation in renewable energy.

Together, the solar farms have a combined capacity of about 100 megawatts alternating current (MWac), with contributions of roughly 51MW and 57MW respectively.

This represents about one per cent of Malaysia's renewable energy capacity, which exceeds 12 gigawatts, and is likely the largest CGPP development completed to date.

The two solar farms, located in Manjung, Perak, and Kulim, Kedah, were developed by Tenaga Nasional Bhd via its renewable arm, TNB Renewables Sdn Bhd, in partnership with Solarvest Holdings Bhd and Savelite Engineering Sdn Bhd.

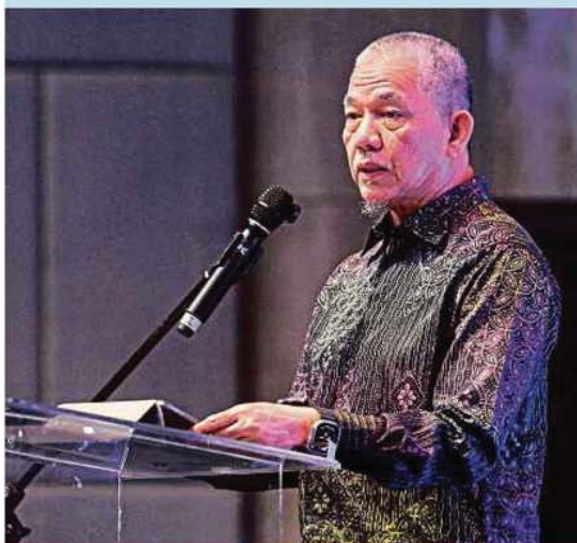
Electricity generated from the projects is supplied virtually to corporate consumers, including Micron Semiconductor Malaysia Sdn Bhd, Bursa Malaysia Bhd and NTT Global Data Centers CBJ1 Sdn Bhd.

The CGPP represents a structural shift in Malaysia's energy landscape by enabling third-party renewable energy trading, allowing developers to supply electricity directly to corporate consumers under a more flexible market structure.

Fadillah said clean energy supply is increasingly influencing investment decisions among multinational corporations, particularly in sectors such as semiconductors and data centres.

He said grid modernisation will be critical to support higher renewable energy penetration.

He said battery energy storage systems will be a key pillar in maintaining system stability as renewable energy adoption increases.



Deputy Prime Minister Datuk Seri Fadillah Yusof speaking at the Corporate Green Power Programme project completion ceremony in Kuala Lumpur yesterday. NSTP PIC BY AZIAH AZMEE