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## Stronger energy mix for security

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DPM Fadillah: Malaysia must diversify energy sources in face of extreme weather, global uncertainties

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**KUCHING:** Malaysia must urgently diversify its energy sources and expand its energy mix to safeguard against future uncertainties, particularly the growing threat of extreme weather, said Deputy Prime Minister Datuk Amar Fadillah Yusof.

Fadillah, who is also Minister of Energy Transition and Water Transformation, emphasised that reliance on a single energy source such as hydropower or gas is no longer sustainable, as climate variability could disrupt supply.

"For example, here at Batang Ai, the water level in the lake is quite low due to a lack of rainfall. This could affect hydroelectric supply anywhere.

"That is why we must be prepared with various energy sources – gas, biofuel, biomass, solar, and even wind – so that we have a balanced energy mix," he told reporters.

He was met during a visit to the Batang Ai Hydro Power Station yesterday in conjunction with the ministry's Skud Zon Sarawak 2026 programme.

He added that such diversification would help ensure reliable and affordable energy security for both consumers and industries, regardless of global supply disruptions.

Fadillah also noted that through collaboration between Sarawak Energy Bhd and a Chinese company, Sarawak is now developing a floating solar project capable of generating around 50 megawatts (MW) of energy.

"This will certainly expand Sarawak's energy mix. Currently,



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Datuk Amar Fadillah Yusof

about 60 to 70 per cent of Sarawak's energy comes from hydropower, but it is now being diversified with solar and gas," he said.

On hybrid solar development in Peninsular Malaysia, he said floating solar has strong potential, particularly with the availability of lakes and former mining sites.

"Under Tenaga Nasional Berhad, for example, the floating solar project at Tasik Kenyir has been completed with a capacity of 500MW.

"In Sarawak, with projects in Murum and Bakun, the total could reach about 1,500MW if fully implemented," he said, adding that rooftop solar initiatives have also been introduced across the region.