



05 DEC, 2025

Speeding up shift to green energy

The Star, Malaysia



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Petra also aims to strengthen national water resource management

PUTRAJAYA: The Energy Transition and Water Transformation Ministry (Petra) will focus on accelerating the shift towards renewable energy (RE) and strengthening national water resource management, says Datuk Seri Fadillah Yusof (*pic*).

The Deputy Prime Minister said the government remains committed to achieving its target of generating 70% of the country's electricity from renewable sources by 2050 as outlined in the National Energy Transition Roadmap.

He said Malaysia has reached 31% installed RE capacity as of October and the target will be raised to 35% by 2030 under the 13th Malaysia Plan.

"To reach this target, the government will expand several strategic initiatives, including the launch of the Large-Scale Solar Programme (LSS 6) in early 2026, an additional 300-megawatt quota for biogas, biomass and small hydro under the Feed-In

Tariff scheme and the introduction of the Corporate Renewable Energy Supply Scheme.

"This will enable consumers to source green energy directly from producers," he

told *Bernama* in conjunction with the "Rancangan Madani Bersama Malaysiaku" programme and the 2025 National Public Service Reform Convention, which takes place from today until Dec 7 at Dataran Putrajaya.

Fadillah, who is also the Energy Transition and Water Transformation Minister, said the implementation of the Solar Atap (Accelerated Transition Action Programme) scheme will also be expanded to allow more consumers to generate their own power.

Meanwhile, the Community Renewable Energy Aggregation Mechanism programme will ena-



ble communities to generate energy collectively through aggregated rooftop solar systems while the Low Carbon Energy Generation Programme aims to diversify non-solar RE sources such as biogas, biomass and small hydropower.

For the water sector, Fadillah said Petra will prioritise strengthening the National Water Policy through an integrated strategy to ensure long-term water security and to position the sector as a new economic driver.

He said Petra aims to shift the national view of water from a social resource to a dynamic economic asset capable of generating high value.

"The ministry's main focus is to ensure more integrated water management by strengthening the National Water Council (MAN)

as the key platform to coordinate policies, strategies and implementation between the federal and state governments," he said.

Fadillah said MAN, chaired by Prime Minister Datuk Seri Anwar Ibrahim, will help bridge jurisdictional gaps and drive water diplomacy in resolving cross-border resource conflicts.

He said Petra will also establish a National Hydrology Data Centre to consolidate all water resource data under one central hub, enabling policies and decisions to be based on scientific data and more accurate hydrological forecasts.

Fadillah said Petra is also exploring alternative water sources such as conjunctive use of groundwater, rainwater harvesting and desalination to reduce reliance on surface water.

"We are also mainstreaming climate adaptation measures to ensure land-use planning in water catchment areas is standardised and strictly protected to

preserve the natural ecosystem's role as a flood absorber and water storage system," he said.

In terms of water supply services, Fadillah said Petra will strengthen industry governance through Phase II amendments to the Water Services Industry Act 2006 (Act 655), focusing on enforcement, reclaimed water management and the application of circular economy principles.

On financing, Fadillah said Petra is reviewing alternative funding models for the water sector under the 2040 Water Sector Transformation Plan, including public-private partnerships through the Private Finance Initiative to reduce dependence on government funding.

"This approach aims to strengthen financial resilience and enhance the competitiveness of water operators to ensure continuity of quality water supply and sewerage services for consumers."