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TNB BOOSTS RENEWABLE CAPACITY

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4.3GW OF CLEAN ENERGY

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Major investments for modern, stronger infrastructure, says chairman

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TENAGA Nasional Bhd (TNB) has built up 4.3GW of installed renewable energy (RE) capacity, accounting for more than one-third of Malaysia's total renewable energy capacity last year.

TNB chairman Tan Sri Abdul Razak Abdul Majid said the company's major investments were focused on modernising the national grid, strengthening infrastructure and accelerating the shift towards a cleaner energy system.

The upgrades also include expanding grid connection facilities to support the growing demand from data centres.

"We are indeed grateful to the government and the Energy Transition and Water Transformation Ministry for having agreed to the commitment of RM43 billion under Regulatory Period 4 towards modernising the national grid."

He said this at the launch of the Energy Transition Conference 2026 (ETCon26) here yesterday.

Razak said TNB continued to strengthen the nation's energy transition agenda through the

implementation of its Energy Transition Plan, which reduces reliance on fossil fuels and increases the adoption of green energy sources.

At the regional level, TNB continues to play a significant role in the Asean Power Grid initiative.

He said the Laos-Thailand-Malaysia-Singapore Power Integration Project has doubled cross-border electricity trading capacity from 100MW to 200MW this year.

The company is also involved in efforts to expand regional energy connectivity through the Vietnam-Malaysia-Singapore project, the proposed second Malaysia-Singapore interconnection and the Sarawak-Peninsular Malaysia interconnection project.

On human capital development, TNB said the Malaysia Energy Literacy Programme, launched in 2023, has expanded into a national agenda and become an important learning module at higher education institutions.

Meanwhile, the continued expansion of TNB subsidiary GSPARX's solar solutions recorded 224MW of installed capacity, alongside other solar photovoltaic solution providers.

Razak said the energy transi-



Deputy Prime Minister and Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof (fourth from left) viewing TNB's exhibition booth during ETCon26. With him are Deputy Energy Transition and Water Transformation Minister Datuk Seri Abdul Rahman Mohamad (third from left), Deputy Economy Minister Mohd Shahar Abdullah (second from left), TNB chairman Tan Sri Abdul Razak Abdul Majid (second from right) and TNB senior chief strategy, regulatory and sustainability officer Datuk Muhamad Nazri Pazil (left). PIC FROM TNB

tion is also being driven by the increasing use of electric vehicles (EVs).

"To support this transition, TNB has streamlined the deployment of EV charging infrastructure through initiatives such as the EV Green Lane, enabling faster electricity supply connections for charging stations and helping accelerate the development of a nationwide EV ecosystem.

"TNB has installed 264 EV charge points nationwide, fur-

ther providing convenience and reducing range anxiety among EV users."

This has demonstrated significant progress since the inaugural ETCon in 2023.

He said ETCon 2026 could serve as an important platform to strengthen collaboration among industry players, government agencies and investors in delivering sustainable, large-scale clean energy projects.

"Today, the fundamentals in-

fluencing energy supply and demand, as well as global supply chains, are increasingly shaped by geopolitical events, particularly with the current development in the Middle East.

"Against this backdrop, the challenge before us is clear: to meet rising energy demand while ensuring our energy systems remain secure, reliable, affordable and yet able to proceed on our journey towards a low-carbon future."