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TNB strengthens grid for renewable energy transition

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SUSTAINABLE FUTURE

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KUALA LUMPUR: Tenaga Nasional Bhd (TNB) is already undertaking grid planning enhancements to support higher renewable energy integration in line with Malaysia's quest to achieve net-zero emissions by 2050.

This includes identifying connection points and system upgrades that enable new clean energy projects to be safely and efficiently absorbed into the grid, said TNB senior chief strategy, regulatory and sustainability officer Datuk Muhamad Nazri Pazil.

He said TNB was strengthening delivery capability by embedding system readiness into grid planning and operational decisions, drawing on its responsibility for planning and operating a power system serving more than 10 million customers.

"Ambition is being translated into delivery across the energy system," he said during conversations at a session on "Man-

aging Sustainability and Energy Transition" at the Malaysia Economic Forum 2026.

Officiated by Prime Minister Datuk Seri Anwar Ibrahim on Feb 5, the economic forum serves as a premier platform bringing together national leaders, policymakers, industry captains and strategic investors to deliberate on Malaysia's economic direction amid an evolving global landscape.

The aim is for renewables to form the backbone of the grid.

Nazri said significant effort was being directed towards grid reinforcement and modernisation to ensure the power system remains reliable and flexible as renewable variability increases and demand patterns evolve.

By strengthening system readiness today, he said the national power company was enabling an energy transition that is practical, resilient, and capable of supporting Malaysia's long-term economic growth.