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TNB DOUBLES CAPEX TO RM42.9B

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BOOSTING DECARBONISATION EFFORT

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Company aims to use it to support Malaysia's energy transition infrastructure

KUALA LUMPUR

TENAGA Nasional Bhd (TNB) has more than doubled its budgeted capital expenditure (capex) to RM42.9 billion — comprising RM26.6 billion in base capex and RM16.3 billion in contingent capex — to support infrastructure development for Malaysia's energy transition.

Its president and chief executive officer, Datuk Megat Jalaluddin Megat Hassan, said of the contingency capex, 64 per cent would be to upgrade infrastructure to support renewable energy (RE), the National Energy Tran-

sition Roadmap and interconnection projects, while 30 per cent was to meet potential demand growth and six per cent to maintain security of supply.

"Our priority will be to accelerate decarbonisation.

"We plan to ramp up investments in solar (LSS5+, LSS6), battery storage (BESS), corporate renewable energy supply scheme (CRESS) and community-based renewables.

"We will push forward on green hydrogen, carbon capture, electric mobility and smart grid interconnections, all vital pieces of the Asean Power Grid vision," he said in TNB's 2024 annual report, filed

with Bursa Malaysia yesterday.

Energy Transition Efforts

Megat Jalaluddin said TNB had 3.3 gigawatt (GW) of RE in Peninsular Malaysia and 1.1 GW abroad, mainly in the United Kingdom and Ireland.

"In 2024, we secured over 700 megawatt-peak (MWp) of solar projects in large solar capacity through LSS5 and LSS6.

"We achieved financial close for a 45MWp solar plant in Kulim under the Corporate Green Power Programme," he said.

Internationally, TNB operate a combined capacity of 927 megawatt (MW) comprising solar and wind assets in the UK, Ireland and Australia.

It has started the construction of two new solar farms in the UK, totaling 102MWp.



Tenaga Nasional Bhd says it will focus on green hydrogen, carbon capture, electric mobility and smart grid interconnections. NSTP FILE PIC

Under the NETR, Megat Jalaluddin said TNB was making progress on three flagship projects — floating solar, centralised solar parks and hydrogen.

"On the floating solar project, there is a 2.5 gigawatt (GW) floating solar photovoltaic development across our hydro reservoirs. This includes a successful installation of 154kWp at Kenyir Dam. For centralised solar parks, we are developing five 150MWp solar parks in Malaysia with domestic partners.

"We have secured to supply 150MWp of green energy to Bridge Data Centres via CRESS."

Megat Jalaluddin said TNB are

was working with Petroliaam Nasional Bhd on green hydrogen using solar power from its Kenyir project, where a pilot system is in place with 500kWp solar panels and 1MWh battery storage.

Outlook

Going forward, he said the company was optimistic about 2025, with economic growth projected at 4.5-5.5 per cent, with electricity demand rising by up to 4.5 per cent.

"With the launch of the Regulatory Period 4 and a promising 7.3 per cent return on investment, we are provided with strong confidence to scale up." **Bernama**