



PRESS RELEASE

S.A. 2024/12/13_23 (HQ)

A HISTORIC MILESTONE:

TNB POWERS ASEAN'S ENERGY TRANSITION WITH MAIDEN RE EXPORT TO SINGAPORE

Tenaga Nasional Berhad (TNB) exported its maiden renewable energy (RE) supply to Singapore at 11:30 am this morning (13 December) in a momentous occasion that reaffirmed the national electricity corporation's strong dedication to fast-track ASEAN's energy transformation.

This historical event was witnessed by Deputy Minister of Energy Transition and Water Transformation (PETRA), Akmal Nasrullah Mohd Nasir at TNB's National Load & Despatch Centre (NLDC), TNB Headquarters in Bangsar.

The inaugural cross-border RE supply from Malaysia to the island-state came about just four days after TNB and Singapore's licensed electricity importer, Sembcorp Power Pte Ltd inked a Renewable Energy Supply Agreement (RESA) on 9th December, 2024.

Under the agreement, Singapore has agreed to import 50 megawatts (MW) of green energy issued with Renewable Energy Certificates (RECs). The 50MW is the result of a bidding process conducted through Energy Exchange Malaysia (ENEGEM) in June.

The arrangement forms part of the Cross-border Electricity Sales for Renewable Energy (CBES RE) Scheme which is aligned with the ASEAN Power Grid (APG) initiative and Malaysia's energy transition goal.

"This first-ever RE export with RECs into Singapore is part of PETRA's initiative under the CBES RE Scheme. This was made possible with the support and facilitative efforts of Energy Commission, TNB, Grid System Operator, Single Buyer the operator of ENEGEM, and Sembcorp," said Akmal Nasrullah.

"The export of this green energy to Singapore reinforces ASEAN members' ongoing efforts to realise the APG, which envisions a sustainable and interconnected energy system. As a key driver for APG, Malaysia wants to expedite the adoption of energy in the region and is actively engaging with its ASEAN counterparts to propel the APG, which will reinforce energy connectivity and security in ASEAN."

"PETRA is confident that this cross-border green power supply will support the nation's aspiration of energy transition and contribute towards Malaysia's commitment in driving the



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region's integrated electricity supply initiative through the APG which is part of the main agenda for the country as the chair of ASEAN - Malaysia in 2025," he added.

Earlier, Akmal Nasrullah was briefed on cross-border RE power supply by TNB's Head of Grid System Operator (GSO), Ir. Shanmugam Thoppalan.

TNB President/Chief Executive Officer Datuk Ir. Megat Jalaluddin Megat Hassan said, the 50MW energy exports will fortify Malaysia's decarbonisation efforts by spurring new investment in the generation of large scale RE by TNB and other energy players.

"As it is, the interconnection capacity between Malaysia and Singapore stands at 1,000MW. Of this, 300MW is allocated for the CBES RE Scheme and 200MW for the Lao PDR-Thailand-Malaysia-Singapore Power Integration Project (LTMS-PIP) Phase 2. Only 50MW is being exported under the CBES RE for now."

Stressing that TNB is at the forefront of driving the APG, he said the initial supply of 50MW to Singapore Malaysia reflects the company's determination to further advance ASEAN's RE goals and fortify the region's energy integration. "We remain steadfast in our goal to position Malaysia as ASEAN's key player in green electricity trading."

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*Kindly forward all press inquiries to Hanim Idris 019-2617617 /
Grace Tan 016-6626229 / Faiq Haikal 013-3889606
or email: media@tnb.com.my*



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About Tenaga Nasional Berhad

Tenaga Nasional Berhad (www.tnb.com.my) is a leading Malaysian utility company in Asia with an international presence in the United Kingdom (UK), Ireland, Australia, Turkiye, Saudi Arabia, Kuwait, Pakistan, and Cambodia. Within the renewable energy space, as of December 2023, TNB has a total gross portfolio of 3,119MW in Peninsular Malaysia (including 2,536.1MW of large hydro) and 1,183MW across the UK, Ireland, Australia, and Turkiye comprising mainly solar, wind, and hydro energy generation assets. In addition to being the nation's primary electricity generation enterprise, TNB also transmits and distributes all the electricity in Peninsular Malaysia, Sabah, and the Federal Territory of Labuan. As of 30 June 2024, TNB supplies electricity to over 11 million customers.

About National Load Despatch Centre

The National Load Despatch Centre (NLDC) is operated by the Grid System Operator (GSO), a ring-fenced entity within TNB. GSO oversees the real-time operation and control of Peninsular Malaysia's Grid System, ensuring reliability, security, and cost efficiency. Its responsibilities include managing the transmission network, real-time generator dispatch and rescheduling, interconnection operations, coordination with grid-connected parties, and short- to medium-term planning of transmission and generation facilities. GSO operates in compliance with the Electricity Supply Act 1990 (ESA), the Grid Code for Peninsular Malaysia (2020 Amendments), and the Transmission System Reliability Standard (TSRS).

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Tenaga Nasional Berhad (TNB) marked a historic milestone by exporting its maiden renewable energy (RE) supply to Singapore, reaffirming its commitment to accelerating ASEAN's energy transition.

The event, held at TNB's National Load Dispatch Centre (NLDC) in Bangsar, was witnessed by Deputy Minister of Energy Transition and Water Transformation (PETRA), Akmal Nasrullah Mohd Nasir, alongside representatives from PETRA, Energy Commission, TNB, Grid System Operator and Single Buyer, the operator of Energy Exchange Malaysia (ENEGEM).

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Deputy Minister of Energy Transition and Water Transformation (PETRA), Akmal Nasrullah Mohd Nasir, setting the Malaysia-Singapore interconnection, initiating the historic export of TNB's maiden renewable energy (RE) supply to Singapore at the National Load Despatch Centre (NLDC), TNB Headquarters, Bangsar, this morning, on 13 December.

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Deputy Minister of Energy Transition and Water Transformation (PETRA), Akmal Nasrullah Mohd Nasir, receiving a briefing on cross-border renewable energy (RE) power supply from TNB's Head of Grid System Operator (GSO), Ir. Shanmugam Thoppalan, during his visit to TNB's National Load Despatch Centre (NLDC), Bangsar, this morning (13 December). Starting today, 50MW of RE is flowing to Singapore.