

PRESS RELEASE

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TNB FORGES CRUCIAL CROSS-BORDER PARTNERSHIPS WITH PT PLN AND SPPA TO BOOST ASEAN POWER GRID VISION

- TNB, PT PLN, and ACE Collaborate on Joint Feasibility Study for Cross-Border Electricity Interconnection between Sumatra, Indonesia, and Peninsular Malaysia.
- TNB and SPPA Join Forces to Assess the Technical Feasibility of a Second Power Interconnection Linking Peninsular Malaysia and Singapore.
- Interconnection Initiatives Boost ASEAN Power Grid Aspirations and Foster Multilateral Power Trade in the Region.

In a pivotal move towards fostering responsible energy transition in the Southeast Asian region, **Tenaga Nasional Berhad (TNB)**, Malaysia's leading utility company, has inked two strategic partnerships with its counterparts from Indonesia and Singapore. These collaborations aim to accelerate efforts to create an interconnected ASEAN Power Grid, enhancing energy resilience, and security, and promoting the integration of renewable energy (RE) across the region.

Under the first Memorandum of Understanding (MoU), TNB is joining hands with PT Perusahaan Listrik Negara (PLN) and the ASEAN Centre for Energy (ACE) to undertake a joint feasibility study to explore the potential for a cross-border electricity interconnection linking Sumatra, Indonesia, and Peninsular Malaysia. The interconnection project is deemed instrumental in facilitating the seamless integration of renewable energy sources and stimulating economic development across ASEAN member countries. The scope of the joint feasibility study encompasses technical assessments, policy and regulatory reviews, economic analyses, commercial frameworks, preliminary environmental and social impact assessments, as well as an implementation plan.

In a parallel effort, TNB, in partnership with SP Power Assets (SPPA), Singapore's prominent electricity transmission and distribution company, is actively exploring the technical feasibility of a second power interconnection facility connecting Peninsular Malaysia and Singapore. This facility, upon completion, will further bolster energy trading between the two regions, enhancing energy supply reliability.

The momentous signing of these two MoUs took place during the 41st ASEAN Ministers on Energy Meeting (AMEM) held in Bali, Indonesia on August 25, 2023. The event was attended by the Malaysian Minister of Natural Resources, Environment and Climate Change, Nik Nazmi Nik Ahmad, along with other Energy Ministers from ASEAN nations.

TNB President and Chief Executive Officer, Dato' Indera Ir. Baharin Din, commented on the significance of these agreements, saying, "The signing of these MoUs is a significant milestone

in TNB's efforts to strengthen the interconnected ASEAN power grid's reliability and resilience. It will also promote the integration of renewable energy in the region." He emphasized that the interconnected ASEAN Power Grid is a critical step in the region's energy transition towards a cleaner, more sustainable future.

PT PLN (Persero) President Director, Darmawan Prasodjo said, "We are here about to enter a critical phase of transition energy that offers tremendous challenges but also magnificent opportunities. An interconnected grids offer reliable, robust, sustainable supply of green affordable energy to the region. However, we must navigate the complexities of designing and building interconnected grids. Complexities of alignment of policy. Complexities of technical challenge. Complexities of commercial feasibilities. Complexities of large capital investment."

He continued, "We build a Smart Grid to integrate the interconnection system based on digital innovation to facilitate the large scale of Variable RE to enter into our ecosystems. We build the Green Enabling Super grid to connect the sources of RE to the epicentrum of demand. We are fully committed to making The Dream of ASEAN connectivity come true. ASEAN Power Grid is more than towers, wires, and substations. It is indeed a symbol of the new strength of ASEAN. That is previously fragmented to become unified. It is the foundation of a brighter, more resilient future for our people ASEAN Family."

ASEAN Centre for Energy (ACE) Executive Director, Dr Nuki Agya Utama, expressed his optimism about this transformative initiative, stating, "The signing of this MoU marks a significant milestone for the ASEAN region. It reflects the shared dedication of multiple stakeholders in ushering in an era of sustainable energy collaboration. The envisioned cross-border interconnections hold the potential to not only enhance energy security but also unlock the vast RE resources, setting a new standard for regional cooperation."

"This progressive initiative is rooted in the culmination of the ASEAN Interconnection Masterplan Study (AIMS) III Phases 1 and 2, a result of close collaboration between ACE and Heads of ASEAN Power Utilities/Authorities (HAPUA). This study provided the roadmap for vital transmission infrastructure needed to facilitate multilateral power trade within ASEAN, coupled with the seamless integration of renewable energy into the ASEAN Power Grid", he added.

SP Group Chief Executive Officer, Stanley Huang said, "SP Group is committed to upholding network reliability while preparing the grid for integration of sustainable energy sources. In supporting the energy transition, the joint committee will study the technical feasibility of enhancing regional connectivity to meet rising energy demand and enable greater access to renewable energy."

These partnerships hold immense promise in advancing energy security, promoting RE integration, and shaping a more resilient and sustainable future for the ASEAN community.

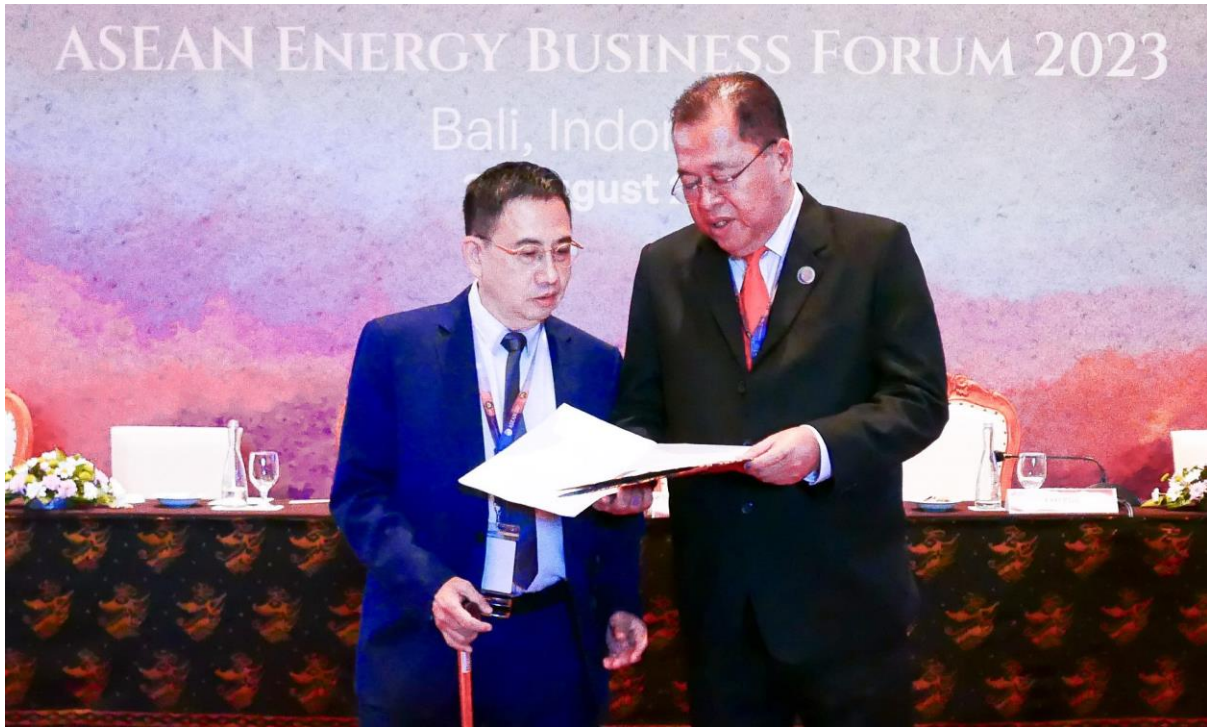
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About the Organizations:

- TNB ([Tenaga Nasional Berhad](#)) is Malaysia's leading utility company, specializing in electricity generation, transmission, and distribution.
- PT PLN ([Persero](#)) is a state-owned company in Indonesia that generates, transmits, and distributes electricity.
- ACE ([ASEAN Center for Energy](#)) is an intergovernmental organization within the ASEAN structure representing the interests of the 10 ASEAN Member States in the energy sector.
- SPPA ([SP Power Assets Limited](#)) owns and maintains Singapore's electricity transmission and distribution system.



PT PLN (PT Perusahaan Listrik Negara, Persero) President Director, Darmawan Prasodjo (centre) holding the TNB – PT PLN – ACE MoU, together with the ASEAN Centre for Energy (ACE) Executive Director, Dr Nuki Agya Utama (left) and Tenaga Nasional Berhad (TNB) President and Chief Executive Officer Dato' Indera Ir. Baharin Din (right) during the 41st ASEAN Ministers on Energy Meeting (AMEM) in Bali, Indonesia on 25 August 2023.



Tenaga Nasional Berhad (TNB) President and Chief Executive Officer Dato' Indera Ir. Baharin Din looking at the MoU document TNB – SPPA with SP PowerGrid Chief Executive Officer, Jimmy Khoo during the 41st ASEAN Ministers on Energy Meeting (AMEM) in Bali, Indonesia on 25 August 2023.