

## PRESS RELEASE

S.A. 2025/10/17\_18 (HQ)

### MALAYSIA AND SINGAPORE TO CONDUCT FULL FEASIBILITY STUDY FOR SECOND POWER INTERCONNECTION

**Tenaga Nasional Berhad (TNB), SP Group and Singapore Energy Interconnections (SGEI)**, signed a Joint Development Agreement (JDA) today to conduct a full feasibility study for the development of a second electricity interconnection between Peninsular Malaysia and Singapore. This second interconnection, with a potential capacity of up to 2,000 megawatts (MW), aims to enhance energy cooperation between the two countries and expand the capacity for cross-border electricity trade. The interconnection is targeted to commence operations by 2030.

The signing ceremony was held on the sidelines of the 43<sup>rd</sup> ASEAN Ministers on Energy Meeting (AMEM) in Kuala Lumpur, Malaysia. The JDA was signed by TNB President/Chief Executive Officer, Datuk Ir. Megat Jalaluddin Megat Hassan; SP PowerGrid Chief Executive Officer, Jimmy Khoo; and SGEI Chief Executive Officer, Ong Teng Koon. Witnessing the signing ceremony were Malaysia's Deputy Prime Minister and Minister of Energy Transition and Water Transformation, Datuk Amar Fadillah Yusof, and Singapore's Minister-in-Charge of Energy and Science & Technology, Dr. Tan See Leng.

With the JDA, all three parties will commence a full feasibility study to ascertain the technical and commercial viability of the second interconnection. The study will build on the successful pre-feasibility study conducted by SP Group and TNB that was completed in May 2025, which established that there were no technical barriers in implementing a second interconnection.

"TNB, Malaysia's leading electricity utility, is committed to strengthening regional energy cooperation in support of the ASEAN Power Grid (APG). The upcoming feasibility study for the second Malaysia–Singapore interconnection is a crucial step towards expanding cross-border electricity trade. This initiative not only strengthens energy security but also supports Malaysia's National Energy Transition Roadmap by enabling greater integration of renewable energy," said Megat Jalaluddin.

"As Singapore's grid operator, SP Group remains committed to strengthening our power infrastructure to support regional grid connectivity. This study will be the conduit for closer collaboration with Malaysia to enhance energy security through diversified low carbon energy sources," said Chief Executive Officer of SP Group Stanley Huang.

"SGEI is pleased to partner with TNB and SP Group to conduct a full feasibility study for a second interconnection to strengthen energy connectivity between Singapore and Malaysia. This collaboration reflects our shared commitment to enable electricity trade and greater grid resilience between both countries," said Ong Teng Koon.

The JDA marks strong progress in the collaboration between Malaysia and Singapore to strengthen bilateral ties and regional power connectivity. The first interconnection between

the two countries was established in 1983 with the primary purpose of mutual support, and upgraded in 2022, accommodating bi-directional electricity flows to 1,000 MW. It currently supports two cross-border electricity trade projects – the Lao PDR-Thailand-Malaysia-Singapore Power Integration Project (LTMS-PIP) and the Energy Exchange Malaysia (ENEGEM) pilot project. The second interconnection will advance the APG vision by strengthening regional grid connectivity and greater cross-border electricity trade.

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### **About Tenaga Nasional Berhad (TNB)**

Tenaga Nasional Berhad ([www.tnb.com.my](http://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, TNB has a total gross portfolio of 3.3GW in Peninsular Malaysia (including 2.5GW of large hydro) and 1.2GW 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 2025, TNB supplies electricity to over 11 million customers.

### **About SP Group**

SP Group is a leading utilities provider in Asia Pacific, empowering the future of energy through low-carbon, smart solutions. It owns and operates electricity and gas transmission and distribution networks in Singapore and Australia. As Singapore's national grid operator, SP Group serves approximately 1.7 million industrial, commercial, and residential customers with world-class transmission, distribution, and market support services.

Beyond traditional utilities, SP Group delivers integrated sustainable energy solutions across Singapore, China, Thailand, and Vietnam. These solutions include district cooling and heating, renewable energy, EV charging infrastructure, and digital energy platforms tailored for districts, communities, and commercial and industrial customers.

For more information, please visit [spgroup.com.sg](http://spgroup.com.sg) or follow us on Facebook, LinkedIn and Instagram.

### **About Singapore Energy Interconnections Pte Ltd (SGEI)**

Singapore Energy Interconnections (SGEI) is appointed by the Singapore Government to specialise in developing and operating cross-border electricity interconnections to enable power imports into Singapore. As a key enabler of Singapore's energy transition, SGEI works closely with industry partners and government stakeholders to ensure the technical and commercial viability of regional power infrastructure. For more information, visit [www.sgei.com.sg](http://www.sgei.com.sg) and connect with SGEI on LinkedIn at [www.linkedin.com/company/singapore-energy-interconnections/](https://www.linkedin.com/company/singapore-energy-interconnections/)

**Released in Kuala Lumpur on 17 October 2025 at 1:00 pm**



S.A. 2025/05/17\_18 (HQ)

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