

PRESS RELEASE

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TENAGA NASIONAL BERHAD (TNB) AND STATE GRID CORPORATION OF CHINA (SGCC) THROUGH ITS WHOLLY-OWNED SUBSIDIARY CHINA ELECTRIC POWER EQUIPMENT AND TECHNOLOGY (CET), INK MEMORANDUM OF UNDERSTANDING (MOU) TO STRENGTHEN TECHNOLOGY COOPERATION FOR MODERN POWER SYSTEM IN MALAYSIA

Tenaga Nasional Berhad (TNB), Malaysia's leading electricity utility company, today formalised a **Memorandum of Understanding (MoU)** with the **State Grid Corporation of China (SGCC)**, the world's largest public utility company, represented by its wholly-owned subsidiary **China Electric Power Equipment and Technology Co., Ltd. (CET)**. This collaboration aims to strengthen technology cooperation in power grid and distribution network advancement, supporting Malaysia's grid modernisation and contributing to the broader ASEAN vision for enhanced regional power interconnection.

The collaboration focuses on three core areas: Power System Planning & Integration, Smart & Resilient Networks, and Digital & Artificial Intelligence (AI) Solutions, aiming to leverage SGCC and CET's expertise in energy transition and new-type power systems to enhance operation and management of TNB's power grid system and distribution network. SGCC has an extensive record of excellence in the energy industry, serving more than 1.1 billion customers and maintaining a strong international presence in over 40 countries through CET as its global business arm.

The signing ceremony was held in Shah Alam, Selangor, attended by key representatives from both parties. The MoU was signed by TNB President/Chief Executive Officer, Datuk Ir. Megat Jalaluddin Megat Hassan, and CET Chairman, Yu Jun. Witnessing the signing ceremony was Malaysia's Deputy Prime Minister and Minister of Energy Transition and Water Transformation, Datuk Amar Fadillah Yusof.

Under the MoU, TNB and SGCC_CET will establish a joint working committee to oversee collaboration progress between the two parties. Key activities include capacity building sessions, technical study reports, and conceptual design support for pilot projects – such as DC medium/low voltage distribution network architecture and agentic AI frameworks for grid operation. TNB will provide necessary technical information to support the collaboration, while CET will share advanced technologies, standards, and project experience from SGCC's global operations.

Megat Jalaluddin emphasized TNB's commitment to advancing Malaysia's energy sector through strategic partnerships, stating that: "As Malaysia's primary electricity provider, TNB is dedicated to building a more efficient, resilient, and low-carbon power system. This MoU with SGCC, through its wholly-owned subsidiary CET, enable us to leverage global best practices in power system planning, smart grid technology, and digital solutions, which are essential for integrating shares of renewable energy and strengthening our role in the ASEAN Power Grid (APG). The partnership also highlights TNB's commitment to supporting

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Malaysia's sustainable future through AI, particularly through our Smart Grid initiatives. We look forward to deepening this collaboration to support our nation's energy transition goals."

Yu Jun highlighted CET's expertise in international power projects and its alignment with Malaysia's needs. "CET, as SGCC's global platform for power project investment, construction, and operation, has completed projects in over 40 countries. We are proud to partner with TNB, a leader in Asia's power industry, to share SGCC's experience in ultra-high voltage (UHV) transmission, smart grid resilience, and AI-driven grid management. This collaboration not only strengthens China-Malaysia bilateral ties but also contributes to the broader vision of ASEAN energy security and sustainability."

The MoU marks a key milestone in China-Malaysia energy cooperation, aligning with Malaysia's National Energy Transition Roadmap and APG vision of regional energy connectivity.

About Tenaga Nasional Berhad (TNB)

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, 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 State Grid Corporation of China (SGCC)

State Grid Corporation of China (SGCC) is the world's largest electric utility company and a state-owned enterprise crucial to China's energy security. Established in 2002, SGCC constructs and operates the power grids covering 88% of China's territory, providing electricity to over 1.1 billion people. With a mission to deliver safer, cleaner, and more sustainable power, SGCC is a global leader in ultra-high-voltage (UHV) transmission technology and spearheads China's push for clean energy. Beyond its domestic operations, SGCC has expanded internationally, investing in power grids in countries across Asia, South America, and Europe.

About China Electric Power Equipment and Technology Co., Ltd. (CET)

China Electric Power Equipment and Technology Co., Ltd. (CET) is a wholly-owned subsidiary of State Grid Corporation of China (SGCC), serving as SGCC's integrated platform for overseas power grid investment, construction and operation. Its core business focuses on overseas power grid infrastructure and transnational/transregional interconnection projects. Dedicated to the "Belt and Road Initiative" and international industrial capacity cooperation, CET undertakes EPC projects (e.g., transnational interconnection, smart grids) and provides integrated solutions. It covers over 40 countries/regions across four continents, has 23

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overseas branches/representative offices, and built over 80 high-standard EPC projects. In 2024, CET ranked first in overseas power project contract value among Chinese enterprises, stayed in ENR's Top 100 Global Contractors for 9 years (unique grid-focused), and held AAA credit rating for 9 years, with total assets of 27.766 billion yuan by end-2024. Going forward, it will share China's power achievements through SGCC's technologies to support the Belt and Road and a community with a shared future.

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PHOTO 1

The Memorandum of Understanding (MoU) between Tenaga Nasional Berhad (TNB) and State Grid Corporation of China (SGCC), represented by its wholly-owned subsidiary China Electric Power Equipment and Technology Co., Ltd. (CET), was formalised at a ceremony held in Shah Alam, Selangor. Present to witness the ceremony was Malaysia's Deputy Prime Minister and Minister of Energy Transition and Water Transformation, Datuk Amar Fadillah Yusof (fourth from right). The MoU was signed by TNB President/Chief Executive Officer, Datuk Ir. Megat Jalaluddin Megat Hassan (second from left), and CET Chairman, Yu Jun (third from right).



PHOTO 2

TNB President/Chief Executive Officer, Datuk Ir. Megat Jalaluddin Megat Hassan (kiri) exchanges the MoU document with CET Chairman, Yu Jun at a ceremony in Shah Alam, Selangor. Present to witness the ceremony was Malaysia's Deputy Prime Minister and Minister of Energy Transition and Water Transformation, Datuk Amar Fadillah Yusof (centre).