



## PRESS RELEASE

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### TNB EMPOWERS SMART MODULAR TECHNOLOGIES TO ACHIEVE 100% RENEWABLE ENERGY

- SMART Modular to be the first multinational corporation in Penang and the first US-based electronics company in Malaysia to have 100% of its electricity powered by renewable energy through GET and solar.

**Tenaga Nasional Bhd (TNB)**, via its wholly-owned subsidiary, **GSPARX Sdn Bhd (GSPARX)** has formed a strategic partnership with **SMART Modular Technologies, Inc. (SMART)** to enable the latter to meet its Environment, Social & Governance (ESG) commitment of attaining 100% electricity powered by renewable energy.

Through the collaboration, SMART, a division of SGH (Nasdaq: SGH) and a global leader in memory solutions, solid-state drives, and hybrid storage, becomes the first multinational corporation in Penang and the first US-based electronics company in Malaysia to achieve this milestone.

This will be achieved at SMART's Seberang Jaya operations, its primary manufacturing plant in the region. The ESG milestone is the result of implementing a solar rooftop solution and a Green Electricity Tariff (GET) provided by TNB.

The SARE was signed by TNB's Head of State Retail (Penang), U. Ananda Rani; SGH Chief Operating Officer & Smart Modular Technologies President, Jack Pacheco and GSPARX Sdn Bhd Managing Director, Elmie Fairul Mashuri at SMART's office in Seberang Jaya on 20 October 2022. Also present to witness the signing ceremony were Penang State Executive Councillor for Infrastructure and Transport, Zairil Khir Johari, SMART Modular Technologies Sdn Bhd Vice President Vejay Kumar and TNB Stakeholder Affairs – Penang General Manager Haji Ismail Lathifi.

According to Elmie Fairul Mashuri, TNB is always ready to help organisations in all economic sectors achieve their green agenda by forming strategic partnerships, in line with TNB's ongoing efforts to achieve its own ESG targets and ensuring continued business growth.

"We believe that the partnership with SMART in addressing its ESG goals, fully sets an example for other MNCs in Malaysia to embark on similar initiatives to reduce their own carbon footprint.

“Once we completed the solar installation, SMART will be capable of delivering 1,496 MWh of solar energy annually. With the combined solution of GET and the rooftop solar installation, the total carbon offset is 5,403 metric tonne per year, equivalent to 99,128 tree seedlings growing for 10 years.”

Zairil Khir Johari said the State Government is proud and grateful that companies operating in Penang are focusing their investments and shifting their emphasis towards a greener environment and a resilient climate change.

“This aligns with Penang’s Vision 2030, promoting the reduction of emissions across industries. Penang State Government welcomes all initiatives and efforts toward this environmental vision and also encourages initiatives and collaborations such as the one between SMART, TNB and GSPARX.”

Meanwhile, Jack Pacheco commented, “As a global technology company, we understand our responsibility to make a positive impact on our environment.

“We continuously strive to protect the environment, conserve resources and reduce our footprint on the planet in every way possible. I am proud of what we have been able to accomplish in partnership with TNB and GSPARX, and extend our sincere appreciation to the team.”

To achieve the 100% renewable energy aspiration, 80% will be achieved through SMART’s subscription to GET with a total subscription of 6.96 GWh annually. The remaining 20% to be powered by GSPARX’s rooftop solar photovoltaic (PV) installation with a capacity of 1,051kWp under a Supply Agreement of Renewable Energy (SARE).

To date, GSPARX has successfully secured 287 projects with commercial, industrial & government organisations, generating 232 MWp of solar capacity in total. Among them are Mydin Mohamed Holdings Berhad (MYDIN), Sime Darby Properties, Public Works Department (JKR), Kuala Lumpur City Hall, Johor Bahru City Council, Seremban City Council, Ipoh City Council, Universiti Putra Malaysia (UPM), Tun Hussein Onn University Malaysia (UTHM), TATI University College (TATIUC), Perak Transit Berhad, Lumileds, SKF Bearing, CJ Bio, Spirit Aerosystems and Primula Hotel Beach.

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*Kindly forward all press enquiries to*

TNB

*Hanim Idris at 019-2617617 / Grace Tan 016-6626229 / Faiq Haikal 013-3889606*

*or email us at [media@tnb.com.my](mailto:media@tnb.com.my)*

SMART Modular Technologies

*Norhida Mohd Nordin, Human Resource, SMART Modular Technologies Sdn Bhd*

*+6043880223, [Norhida.Mohdnordin@smartm.com](mailto:Norhida.Mohdnordin@smartm.com)*

### About GSPARX

GSPARX, a wholly-owned subsidiary of TNB, was established in January 2018. It actively pursues strategic partnerships with various companies, organisations and government agencies to offer its expertise in rooftop solar panel installations, a renewable energy market of great potential in Malaysia.

Through GSPARX's Zero Capex Solution, customers from government agencies, commercial and industrial sectors can now generate clean energy from rooftop solar solutions to better manage their electricity bill. For more information, please visit <http://www.tnb.com.my/solar> or <https://www.gsparx.com>

### About SMART Modular Technologies

For more than 30 years, [SMART Modular Technologies](#) (SMART) has been helping customers around the world enable high performance computing through the design, development and advanced packaging of specialty memory solutions. SMART robust portfolio ranges from today's leading edge technologies to standard and legacy DRAM and Flash storage products. SMART provide standard, ruggedized and custom memory and storage solutions that meet the needs of diverse applications in high-growth markets.



SGH Chief Operating Officer & Smart Modular Technologies President, Jack Pacheco (third left); and GSPARX Sdn Bhd Managing Director, Elmie Fairul Mashuri (third right) are holding the SARE signed documents. Together with them are SMART Modular Technologies General Manager of Finance, Foo Li Lin (extreme left); SMART Modular Technologies Vice President, Vejay Kumar (second, left); Penang State Executive Councillor for Infrastructure and Transport, Zairil Khir Johari (centre); TNB's Head of State Retail (Penang), U. Ananda Rani (second right); and General Manager (Stakeholder Affairs – Penang), Haji Ismail Lathifi (extreme right).