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The Malaysian Reserve, Malaysia

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UNIVERSITI Pertahanan Nasional Malaysia (UPNM) has entered into a renewable energy (RE) supply agreement with Tenaga Nasional Bhd (TNB) and Synergy Generated Sdn Bhd to implement a solar energy system across its campus, in a move aimed at improving operational cost efficiency and supporting the national energy sustainability agenda.

The memorandum of agreement (MOA) was signed recently by UPNM VC Lt Gen Datuk Wira Arman Rumaizi Ahmad, TNB chief customer officer for government and large business Iskandar M Hussein and Synergy Generated MD Syed Mohamed Fazilla Syed Hussain.

"Through the implementation of this project, UPNM is expected to save approximately RM1.3 million annually in electricity costs, driven by the use of solar energy at a more competitive tariff compared with



(From left) Arman Rumaizi, Iskandar and Syed Mohamed Fazilla during the signing ceremony

Pic courtesy of UPNM

conventional grid supply.

"The savings will have a direct impact on the university's financial

management and allow resources to be optimised for academic purposes, research and human

capital development," Arman Rumaizi said during his speech at the signing ceremony.

He also said that the project covers the design, supply, installation, testing, commissioning and maintenance of solar systems at several strategic locations on campus, including building rooftops, car parks and pedestrian walkways.

The agreement spans 21 years, providing long-term energy supply stability and sustainable financial returns.

In addition to cost savings, Arman Rumaizi said that the initiative includes RM50,000 in annual research funding, industrial training placements for students and technical upskilling for staff through exposure to renewable energy technologies.

He further said that the collaboration, which aligns with its UPNM30 Strategic Plan (2025-2030), brings together TNB's expertise as the national utility and Synergy Generated's experience in solar development and could serve as a reference model for other higher education institutions.