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TAJUK ARTIKEL	TNB IN MULTI-PRONGED APPROACH TOWARDS RE		
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TNB in multi-pronged approach towards RE

KUALA LUMPUR: Tenaga Nasional Bhd (TNB) is intensifying its sustainability journey under its Net Zero 2050 plan, spearheading renewable energy (RE) initiatives, including hybrid hydro-floating solar projects, hydrogen partnerships and a flexible cross-border grid for renewable integration.

For its renewable projects, such as hybrid hydro-floating solar and hydrogen, TNB has partnered with Petroliam Nasional Bhd (PETRONAS) and Terengganu Inc, said its chief sustainability officer Leo Pui Yong.

The Hybrid Hydro Floating Solar and Green Hydrogen Hub in Terengganu, launched in July this year, is part of TNB's broader 2.5 gigawatts hybrid solar-hydro initiative.

Other initiatives include Asean connectivity through the Asean Power Grid (APG) and empowering cross-sector electrification via electric vehicle or EV ecosystems

and customer energy solutions under the National Energy Transition Roadmap, she said at the Sustainable Action Conference or SAC held recently.

Among others, under the APG initiative, the utility company is strengthening cross-border interconnections to ensure a more robust supply of green electricity across the region.

There are at least five projects in the pipeline involving a combined capacity of over 6,000MW of RE to be transmitted through Malaysia.

One of the key initiatives is the Vietnam-Malaysia-Singapore interconnection project, which entails RE development in Vietnam and transmission to Peninsular Malaysia and Singapore.

The collaboration involves TNB, PETRONAS, Sembcorp and Petrovietnam in support of the APG.

Meanwhile, under its carbon manage-

ment strategy, TNB targets a 5% reduction in emission intensity starting in 2025, helping consumers reduce their Scope 2 emissions, said Leo.

Scope 2 emissions are indirect greenhouse gas emissions from the generation of purchased electricity, steam, heat, or cooling that an organisation consumes.

Although the emissions occur at the utility provider's facilities, they are reported by the purchasing organisation because they are a result of their energy use.

To date, she said TNB continues to drive Malaysia's energy transition forward by advancing collaboration, strengthening governance and powering a sustainable future for all.

"But a secure and future-ready energy system isn't just about physical infrastructure. It's also about the intelligence, connectivity and people who power it." — Bernama