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TNB boosts cross-border renewable energy links

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ASEAN POWER GRID

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KUALA LUMPUR: Under the Asean Power Grid (APG) initiative, Tenaga Nasional Bhd (TNB) 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 renewable energy to be transmitted through Malaysia.

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

The collaboration involves TNB, Petroliaam Nasional Bhd



Tenaga Nasional Bhd is in the final stages of forming a consortium to develop the Sarawak-Peninsular Malaysia renewable energy interconnection. NSTP FILE PIC

(Petronas), Sembcorp Industries Ltd and Vietnam National Industry-Energy Group (Petrovietnam) in support of the Asean Power Grid.

In addition, TNB is in the final stages of forming a consortium to develop the Sarawak-Peninsular Malaysia interconnection, which will enable large-scale transmission of renewable hydroelectric power from East Malaysia to West Malaysia.

TNB chief grid officer Hasmarizal Hassan said a pre-feasibility study for the 700km project, linking Sampadi near Kuching to

Sedili in Johor, was completed earlier this year, paving the way for the formation of a consortium involving domestic and international partners.

“We completed our pre-feasibility study earlier this year, and we are finalising the potential consortium partners. This will be a major undertaking.

“We are targeting a majority of local equity participation, with the remaining shares to be opened to international players as well,” he said at the Asean Energy Business Forum 2025 here yesterday.