KEMENTERIAN TENAGA DAN SUMBER ASLI

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ECONOMIC OPPORTUNITIES

FOCUS ON NEW RENEWABLE ENERGY

Solar parks, green hydrogen and power supply for data centres all in pipeline, says PM

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EXPLORATION of new renewable energy (RE) through solar parks, and electricity supply for new data centres and generation of green hydrogen, are among measures that are in the works as Malaysia accelerates its energy transition.

Prime Minister Datuk Seri Ismail Sabri Yaakob said the government had also agreed to new procurement options for green electricity through the Virtual Power Purchase Agreement (VPPA) concept.

He said it would start in the fourth quarter of this year, with a quota of 600MW. He said 14,000 jobs, with a new investment value of RM6 billion, were expected to be generated to support the development of the country's renewable energy industry.

The revised electricity supply system will be implemented through the approval and re-distribution of renewable energy quota of 1,200MW for solar.

"The new quota will be distributed for programme implementation under the existing mechanism, including the New Enhanced Dispatch Arrangement and installation of solar panels on building roofs," he said in his speech at the launch of the 5th International Sustainable Energy Summit (ISES) here, yesterday.



Prime Minister Datuk Seri Ismail Sabri Yaakob launching the International Sustainable Energy Summit 2022 at the Kuala Lumpur Convention Centre, yesterday. With him is Energy and Natural Resources Minister Datuk Seri Takiyuddin Hassan (second from left). PIC BY EIZAIRI SHAMSUDIN

Themed "Empowering Energy Transition", the summit was timely as the global community was actively discussing measures to reduce carbon footprint by undergoing energy transition, he said.

Ismail Sabri said other government initiatives include the Green Energy Island projects in Pulau Redang and Pulau Perhentian in Terengganu to generate consistent electricity supply and the development of a regulatory framework for the national Renewable Energy Certificate (REC).

He said consumers on both islands would receive 24 hours of electricity by 2025, while reducing greenhouse gases (GHG) emissions by 70 per cent.

He said the REC would help convince corporate companies to offset their carbon footprint from fossil fuel power generation.

"(The government will) establish the legal framework for the monitoring of the development of electric vehicle (EV) charging infrastructure to protect public safety.

"EV infrastructure development guidelines under the Electricity Supply Act 1990 will be enforced in the fourth quarter of this year."

Ismail Sabri said Tenaga Nasional Bhd, in cooperation with Syarikat MySuri Biz Technologies Sdn Bhd, will provide 1,000 EV taxis in support of the country's decarbonation effort.

On ISES, the prime minister said the summit would provide opportunities to policymakers, industry players and academicians in the sustainable energy sector to discuss and better understand strategies and best practices related to energy transition from around the world.

"I hope that the policies, best practices and initiatives that were proven successful can be applied, so Malaysia can also contribute in addressing climate change at the international level.

"I was made to understand that increasing electricity supply generated from renewable energy and the efficient and prudent use of energies are two key aspects in tackling climate change."

He said the two aspects for sustainable energy development was a step forward for decarbonisation, which has dominated and charted the direction of the world's geopolitical, economy and investment spheres.

Hence, Ismail Sabri said he had announced the country's aspiration to achieve net-zero GHG emissions by 2050 when tabling the 12th Malaysia Plan.

"This shows Malaysia's commitment in joining the global community in realising goals to address climate change, even though we contribute less than 0.7 per cent of the global GHG emissions."

He said the current global trend was to be aggressive in reducing carbon footprint, especially those involving development, as well as putting in investments in electricity generated from sustainable resources.

He also said there was an increase in investments and demand for environmentally-friendly electricity or green electricity.

These could lead to economic opportunities and would attract more investments for Malaysia's RE industry players.

The two-day conference was organised by the Sustainable Energy Development Authority Malaysia in collaboration with the Energy and Natural Resources Ministry.