



KERATAN SURAT KHABAR

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NET ZERO CARBON EMISSIONS BY 2050

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PETRONAS TO SUPPLY CLEAN ENERGY TO LOCAL BUSINESSES

National oil firm to utilise its own M+ solar solution for the installations

KUALA LUMPUR

PETROLIAM Nasional Bhd (Petronas) has launched an initiative to improve its energy efficiency and reduce carbon emissions.

Petronas' head of new energy business Dr Jay Mariyappan said the deployment of solar energy on its assets formed part of its "Net Zero Carbon Emissions by 2050" (NZCE 2050) journey.

He said while Petronas was actively involved in supplying clean energy to businesses, it recognised that transformative effort should begin at its home ground.

"In this regard, we will be using our very own M+ by Petronas solar solution for the installations, where we integrate high-quality systems and products that we have provided for our customers across the world.

"This would help power our assets with a reliable supply of solar energy for decades to come, while optimising performance using the Hawk AI Data Monitoring System that we offer."

The national oil company said four Petronas assets would be



The rooftop solar system installation at Malaysia Marine and Heavy Engineering Holdings Bhd's premises in Pasir Gudang, Johor, or MMHE West, can produce 8.33MWp of power.

equipped with ground-mounted and rooftop solar systems by year end as part of the initiative.

When completed, the solar systems will have a combined capacity of more than 66 megawatts (MWp) and will assist Petronas in achieving annual carbon emissions reductions of 58,000 tonnes of carbon dioxide equivalent.

This effort includes the recently completed 8.33MWp solar rooftop installation at Malaysia Marine and Heavy Engineering Holdings Bhd (MHB) premises in

Pasir Gudang, Johor, dubbed MMHE West.

Additionally, a 7.3MWp rooftop solar installation at Universiti Teknologi Petronas in Seri Iskandar, Perak, is on schedule to be completed by year end.

Meanwhile, it said the remaining two projects in the pipeline were a 49.0MWp ground-mounted and rooftop solar installation at the Pengerang Integrated Complex in Johor and a 1.4MWp solar rooftop installation at Institut Teknologi Petroleum

Petronas in Terengganu.

"The combined installed capacity at the four assets, for scale, can generate enough energy to power more than 20,000 households.

"Moving forward, Petronas will continue to assess the energy consumption of its assets and the group's portfolio to identify opportunities for electrifying processes and maximising renewable energy use as part of a phased approach towards achieving NZCE 2050," it added.