



KEMENTERIAN PERALIHAN TENAGA DAN
TRANSFORMASI AIR

SPEECH

YB TUAN HAJI AKMAL NASRULLAH BIN MOHD NASIR
DEPUTY MINISTER OF ENERGY TRANSITION AND WATER
TRANSFORMATION (PETRA)

MPIA SOLAR ROADSHOW 2025

KUALA LUMPUR

22th APRIL 2025 (TUESDAY) 9.00 AM

Bismillahirrahmanirrahim

Mr. Davis Chong

President, Malaysian Photovoltaic Industry Association (MPIA)

Mr. Ahmad Shadzli bin Abdul Wahab

Advisor, Malaysian Photovoltaic Industry Association (MPIA)

Distinguished guests, ladies and gentlemen,

Assalamualaikum WBT, Salam Sejahtera & Salam Malaysia MADANI

INTRODUCTION

1. Energy is not just about power generation — it is about empowerment. It is about lighting up classrooms where dreams begin, powering small businesses and big ideas, and keeping hope alive for a cleaner, greener tomorrow. The world today is facing the threat of global warming, driven in part by the use of non-renewable energy sources. In Peninsular Malaysia, our energy mix is still dominated by fossil fuels, with coal accounting for approximately 55%, natural gas 35%, and renewable sources like hydropower and solar contributing just 10%. This reflects the critical need for us to accelerate our transition to cleaner and more sustainable sources of energy.

2. In line with this, the Large Scale Solar (LSS) programme has been one of Malaysia's most impactful initiatives to boost renewable energy uptake. First introduced in 2016, the LSS programme was designed to drive utility-scale solar deployment through a competitive bidding process. Since then, it has progressed through several cycles — from LSS1 and most recently LSS5. Moving forward, the government has announced plans for LSS5+ and LSS6, which are expected to further expand Malaysia's clean energy footprint and create more opportunities for industry players.

3. To further empower industries and households to embrace renewable energy, the Ministry of PETRA has also enhanced the Net Energy Metering (NEM) programme. NEM enables both commercial and residential users to install solar PV systems and generate their own energy, with the option to export any excess energy to the grid and receive credit on their electricity bills — significantly reducing monthly expenses.

4. In December last year, we announced two major enhancements to the NEM programme:

- For domestic users, the NEM Rakyat quota has been increased by 150 MW, bringing the total to 600 MW. This expansion allows even more households to benefit from rooftop solar installations.
- For commercial and industrial users, the NEM NOVA quota was increased by 300 MW, raising the total allocation to 1,700 MW — giving businesses greater capacity to manage energy costs while contributing to sustainability goals.

Ladies and gentlemen,

5. The government remains fully committed to driving the national energy transition under the National Energy Transition Roadmap (NETR).

Among the flagship initiatives introduced are:

- **Corporate Renewable Energy Supply Scheme (CRESS):** A mechanism that enables energy consumers to purchase RE directly from generators through the national grid, leveraging the Third-Party Access (TPA) framework.
- **Energy Exchange Malaysia (ENEGEM):** A platform that facilitates cross-border RE trading to Singapore beginning in December 2024. This effort supports Malaysia's aspiration for energy transition and strengthens regional integration through the ASEAN Power Grid (APG) initiative.
- **Community Renewable Energy Aggregation Mechanism (CREAM):** CREAM enables the aggregation of residential rooftop spaces for solar PV development. Homeowners can lease their rooftops to solar developers, who can then install systems and

supply clean energy to the grid — expanding access to green energy at the community level.

6. These initiatives are designed to stimulate RE demand, increase investment, and strengthen the role of solar energy in the national grid system — while creating a vibrant and competitive marketplace for renewable energy.

Esteemed guests,

7. To realise transformational change, we must embrace new ideas, collaborate across sectors, and turn ambition into action. Let us be the generation that made the change — not someday, but today. Let us be the builders of a new energy legacy — one that our children will look back on with pride and gratitude.

8. To all of you in this room — developers, consultants and innovators, you are not just participants in this industry. You are the spark that lights the path toward our energy future.

9. I encourage all players in the solar industry to continue working hand-in-hand with the government in pursuit of a more resilient and sustainable energy future.

10. I extend my sincere appreciation to the Malaysian Photovoltaic Industry Association (MPIA) for organising this important event and for the invitation to officiate the MPIA Solar Roadshow 2025 here in Kuala Lumpur.

11. With that, I hereby officially launch the MPIA Solar Roadshow 2025. May this gathering spark new collaborations, inspire bold innovations, and strengthen our collective resolve towards a cleaner, greener future for Malaysia.

Thank you.

Wabillahi taufiq wal hidayah, Wassalamualaikum warahmatullahi wabarakatuh.