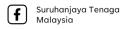


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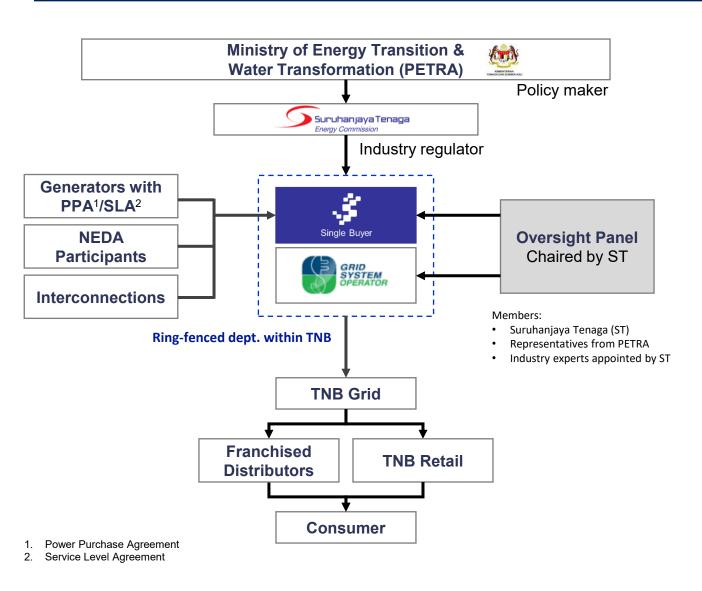


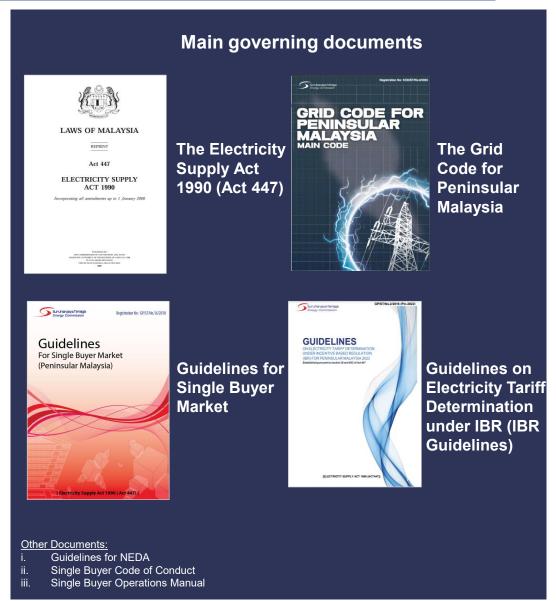
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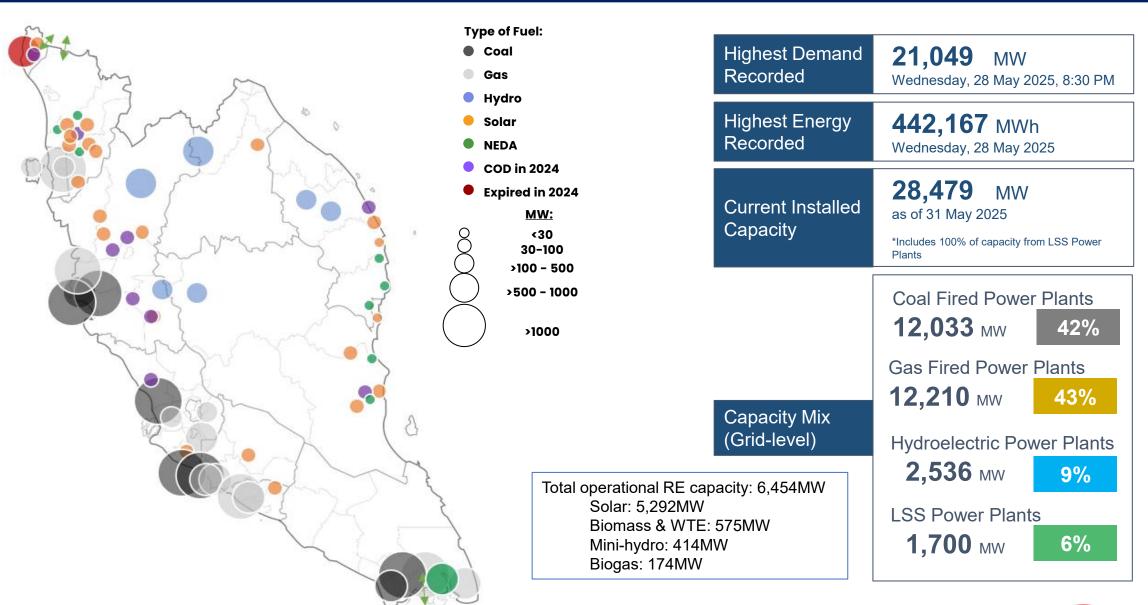
Electricity Supply Industry Structure in Peninsular Malaysia





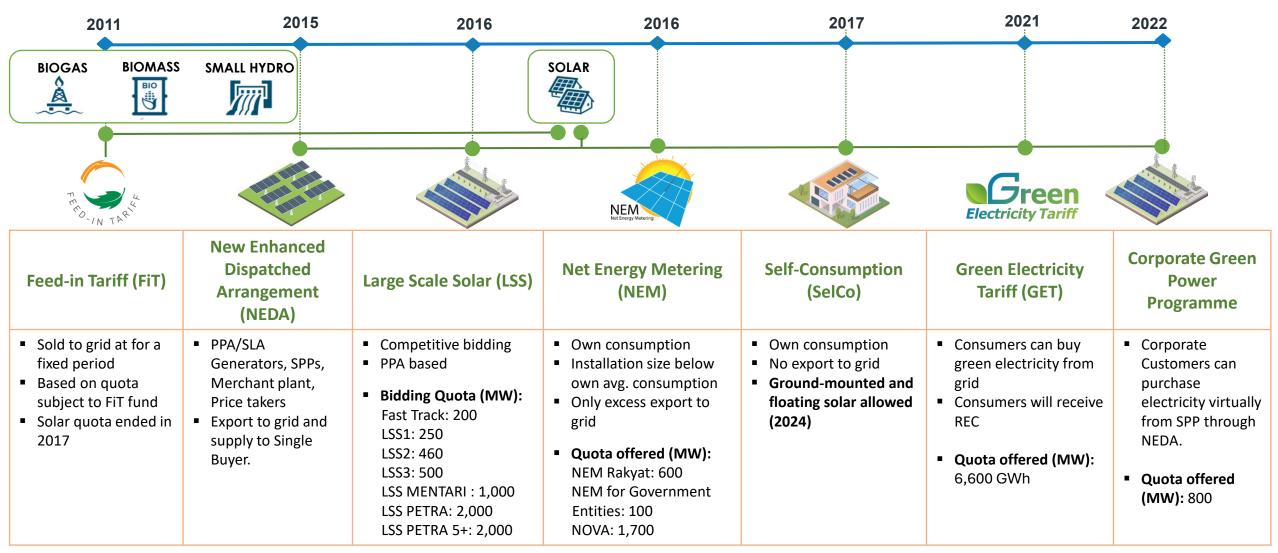


Overview of Generators and Peninsular Malaysia System





Evolution of Solar Programmes in Peninsular Malaysia





>>>> Growing end-user participation **>>>>>**

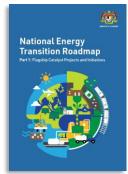


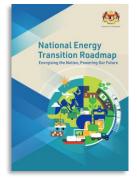


National Energy Transition Roadmap (NETR) 2023

Malaysia is committed to overcoming the challenges of the energy trilemma, and NETR demonstrates the determination to do so and seeks to scale-up investment opportunities in renewable energy.







- Increase the target for installed RE capacity from 40% in 2040 to 70% by 2050.
- Expand RE development based on the concept of a self-contained system to encourage investment in the RE value chain and diversify RE programs according to the principle of willing buyer, willing seller.
- Scale-up the installation of solar systems in government buildings
- Allow cross-border RE trade through the establishment of an electricity exchange system.



Highlight 2024

- 1. Energy Efficiency and Conservation Act (EECA) passed in June.
- Establishment of Energy Exchange Malaysia (ENEGEM) for cross-border electricity sales to neighbouring countries.
- 3. Corporate Renewable Energy Supply Scheme (CRESS) for direct procurement of electricity generated from green energy plant to consumer registered with TNB via TNB-owned electricity supply network
- **4. LSS PETRA** programme with total quota of 2,000MW (1,500MW ground-mounted, 500MW floating).
- 5. Low Carbon Energy Generation Programme under NEDA with total quota of 400MW for non-solar sources such as wind, small hydro, biogas, biomass, hydrogen etc.
- 6. Battery Energy Storage System pilot project with capacity of 100MW/400MWh followed by MyBeST open bidding with total capacity of 400MW/1,600MWh.
- 7. Green Electricity Tariff to continue with quota offering of 6,600GWh with 5 sen/kWh for subscription of 1 year, 4 sen/kWh for 2 years and 3 sen/kWh for 3 years until 2027.
- 8. Launch commercial trading of REC through Malaysia Green Attribute Trading System (mGATS).

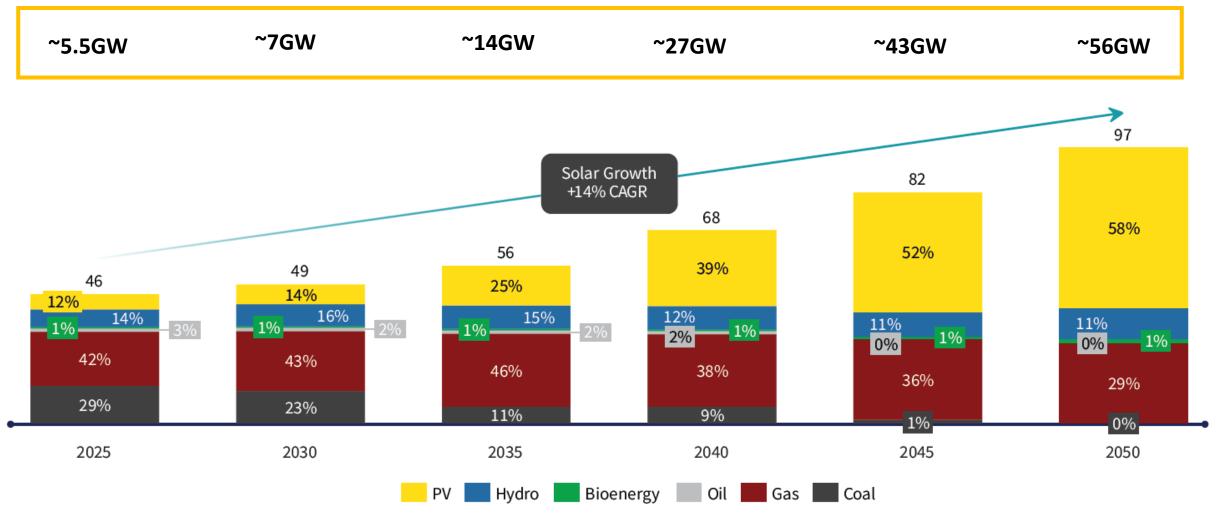


Highlight 2025

- **1. LSS PETRA 5+** programme with total quota of 2,000MW (1,500MW ground-mounted, 500MW floating).
- Community Renewable Energy Aggregation Mechanism (CREAM) programme for local
 consumers to procure green electricity directly from the aggregator/generator through open access
 to the Distribution System.
- Accelerated Transition Action Programme to continue from NEM programme that was ended in June.
- 4. Thirteenth Malaysia Plan: Introducing nuclear energy as a source of clean electricity.



Electricity Supply Outlook 2025-2050



Source: National Energy Transition Roadmap 2023





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Thank You





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Mohd Rizal Ramli

Renewable Energy Procurement Unit
Industry Planning & Development Department
Energy Commission

