

Singapore's Energy Transition Strategy

63rd EGEE&C

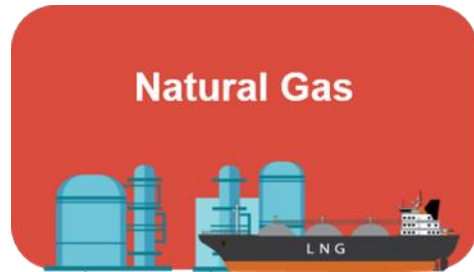
November 2024

Singapore International Energy Week (SIEW)

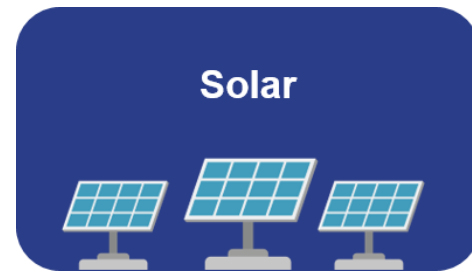


- SIEW is an annual event that brings together government, business leaders and policy experts. This year focused on the theme of “A Connected and Sustainable Energy World”.
- 18000 attendees from 70 countries across the week
- Key announcements at SIEW:
 - Launch of the IEA Regional Cooperation Centre in Singapore
 - Launch of the second phase of the Singapore-US Feasibility Study on Regional Energy Connectivity
 - Launch of Singapore’s Second LNG Terminal
 - Industry Consultation and Request for Proposal for Virtual Power Plants
 - Launch of the Future Grid Capabilities Roadmap

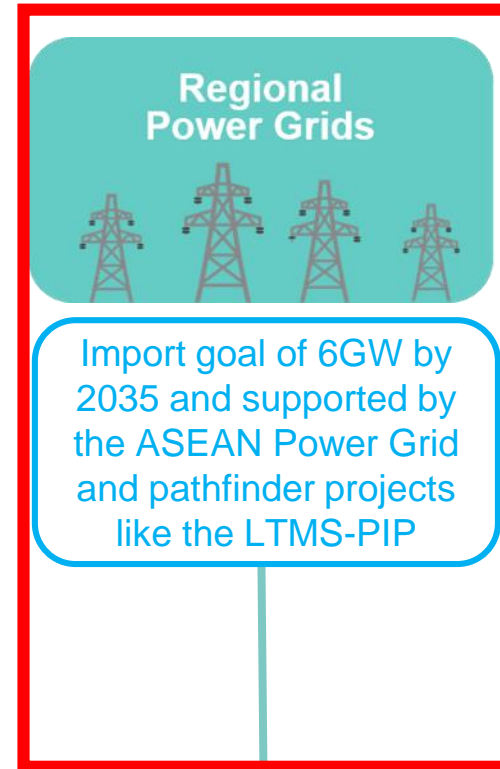
Singapore's Energy Transition Is Guided By 4 Switches And Underpinned By Energy Efficiency



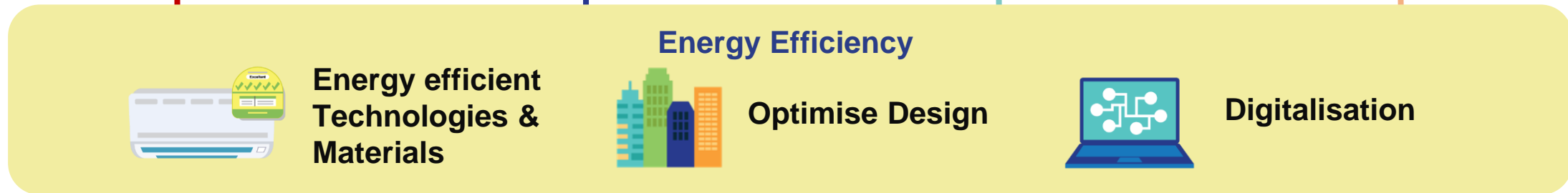
Continue diversifying our gas sources and improve power generation efficiency



Deploy at least 2 GWp of solar by 2030



Explore Low-Carbon Alternatives such as CCS, Hydrogen, Geothermal, and Nuclear



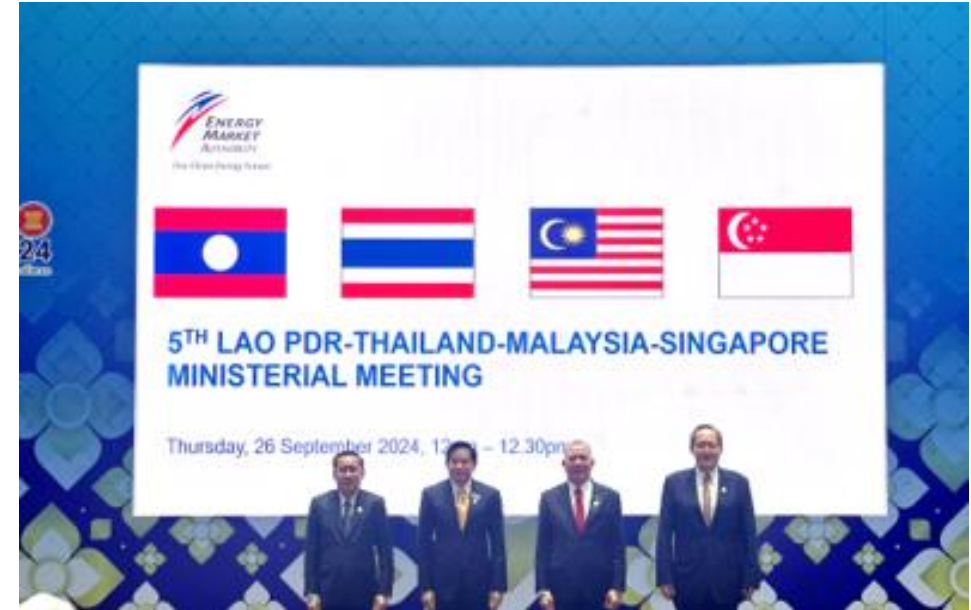
Regional Power Grids

- Singapore plans to import 6GW of electricity, or around 30% of Singapore's electricity supply, by 2035.
- This is part of Singapore's efforts to develop regional power grids and support regional decarbonisation, while meeting our climate goals and diversifying energy supply sources.
- To date, EMA has granted Conditional Licenses and Conditional Approvals to import up to 7.35 GW of low-carbon electricity from Australia, Cambodia, Indonesia and Vietnam.
- EMA has prepared a Guide to Electricity Imports, which sets out the policy and regulatory approach for electricity imports into Singapore.



Lao PDR-Thailand-Malaysia-Singapore Power Integration Project (LTMS-PIP)

- The Lao PDR-Thailand-Malaysia-Singapore Power Integration Project (LTMS-PIP) successfully commenced on 23 Jun 2022. The project successfully established multilateral cross-border power trade among four ASEAN Member States.
- The 5th LTMS Ministers Meeting was held in Vientiane, Lao PDR on 26 September where LTMS Ministers had adopted the 5th LTMS Joint Ministerial Statement.
- The project has since been enhanced with an increase to the total capacity to up to 200MW, and the commencement of the Malaysia-Singapore flow brings us closer to realising the ASEAN Power Grid vision of multilateral and multidirectional power trading.



Thank You