

All new energy small container sites in South Asia





Overview

Are small modular reactors a transitional energy solution in Southeast Asia?

As part of their energy transition efforts, many ASEAN countries view small modular reactors (SMRs), which have a lower electricity output, as a transitional energy solution. Indonesia has made the most progress, with 29 potential sites already confirmed. However, the overall development of SMRs in Southeast Asia still faces three major challenges.

What is the energy transition in Southeast Asia?

The Southeast Asia Energy Transition is gaining speed, with solar and wind capacity growing by 20% in 2023. That brings the total to over 28 GW, making up 9% of all electricity generation capacity in the region. Vietnam stands out as a leader.

Which countries are developing SMRs in Southeast Asia?

Indonesia has made the most progress, with 29 potential sites already confirmed. However, the overall development of SMRs in Southeast Asia still faces three major challenges. Driven by economic and technological factors, Southeast Asia is expected to account for a quarter of global energy demand growth.

What will Southeast Asia's Energy Outlook look like in 2024?

The International Energy Agency's Southeast Asia Energy Outlook 2024 projects a robust 4% annual increase in electricity demand, surging from over 1,300 TWh today to more than 2,000 TWh by 2035.



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