

# East Asia Energy Storage Power





## Overview

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How can the ASEAN region secure energy supply?

The ASEAN region should consider adopting regional energy networks, such as the Trans-ASEAN Gas Pipeline, with virtual pipelines of liquefied natural gas, and the ASEAN Power Grid to maintain energy supply security. Nuclear power generation is another option for securing energy supply.

Which energy technologies should be included in ASEAN's Energy Outlook modelling?

Thus, the Economic Research Institute for ASEAN and East Asia has considered including commercially available energy technologies such as carbon capture, utilisation, and storage; hydrogen; and ammonia fuels into the region's energy outlook modelling. Professor Tetsuya Watanabe President, Economic Research Institute for ASEAN and East Asia.

What is the potential energy supply in East Asia 2023?

114Potential East Asia 2023 3.3.3. Primary Energy Supply In 2050, total primary energy supply will register at 27.35 Mtoe, much higher than in APS5 at 21.76 Mtoe. TPES recorded AAGR at 4.4% per year in 2019–2050 in LCET and 3.6% per year in APS5.

How will electricity consumption change in East Asia 2023?

Electricity consumption will rise from 729 Mtoe to 905 Mtoe in BAU, from 729 Mtoe to 882 Mtoe in APS, and from 722 Mtoe to 830 Mtoe in LCET, which is attributed to the attention recently paid to electricity development by the government. Energy Outlook and Energy Saving 124 Potential East Asia 2023



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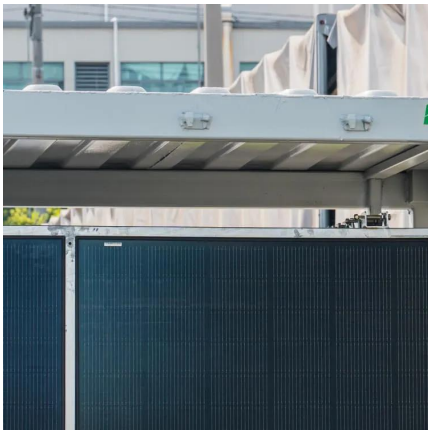
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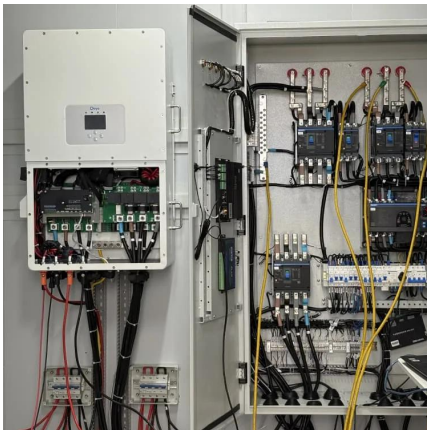
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