

Is Southeast Asia a good place to invest in energy storage?

Image: ACEN. There has been an uptick in energy storage investment in Southeast Asia, a region still largely powered by coal and experiencing high growth in population and energy demand. Andy Colthorpe speaks with companies working to establish a framework of opportunities in the region.

How much energy does Southeast Asia Invest in a year?

Between 2016 and 2020, annual average energy investment in Southeast Asia was around USD 70 billion, of which around 40% went to clean energy technologies - mostly solar PV, wind and grids. Energy investment in the STEPS reaches an annual average of USD 130 billion by 2030 and in the SDS it reaches USD 190 billion.

Is energy access improving in Southeast Asia?

Energy access has been improving in Southeast Asia in recent years: around 95% of households today have electricity and 70% have clean cooking solutions such as liquefied petroleum gas and improved cook stoves. However, these shares remain very low in Cambodia and Myanmar, and the recent surge in commodity prices threatens to set back progress.

Is energy demand increasing in Southeast Asia?

Energy demand in Southeast Asia has increased on average by around 3% a year over the past two decades, and this trend continues to 2030 under today's policy settings in the STEPS. Southeast Asian countries are in different stages of their development, but almost all of their economies have more than doubled in size since 2000.

How has ASEAN Energy Policy changed over time?

Energy policy has gained much public attention and support. It has gradually evolved from power sector policy to broader energy policies supporting the development of a sustainable and environmentally friendly energy sector. Close cooperation amongst ASEAN members can be credited for this improvement.

How much electricity does ASEAN produce?

In 1990, natural gas and coal accounted for 18% each, around 28.5 TWh and 28 TWh, respectively of electricity generation in ASEAN. However, in 2019, natural gas supplied 34% (403 TWh) of the region's electricity and coal supplied 43% (493 TWh).

3 ???· EMA awards S\$7.8 million in research grants to explore battery energy storage solutions. With many South-east Asian nations committed to transitioning to cleaner energy and rolling out roadmaps to guide their plants and goals, ...

This study contributes to the discussions around achieving the goal of 100% renewable energy in East Asia as follows: 1. It provides a summary of available wind and solar ...

energy outlook and saving potential in each East Asia Summit country to predict the medium- to long-term growth (2019-2050) of energy demand and supply. The report contributes to ...

Energy Prices. The energy prices dataset comprises end-user energy prices in four files for three sectors. Products included: Electricity, Natural gas, Kerosene, LPG, Fuel oil, Coal. Countries coverage up to: 57 for weekly, 89 for monthly, ...

The Economic Research Institute for ASEAN and East Asia (ERIA)-East Asia Summit (EAS) Energy Outlook was updated in 2019-2020 based on a revision of macro assumptions, such as economic and population ...

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Southeast Asia Energy Outlook 2022 - Analysis and key findings. ... especially for projects at early stages of development, new technologies (e.g. CCUS, or carbon capture, utilisation and ...

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