

SolarInvert Energy Solutions

Prospects for Myanmar Energy Storage Projects



Overview

How can Myanmar improve its energy policy?

Expanding renewable energy sources, particularly solar, wind, and hydropower, is crucial for reducing the nation's dependency on gas and mitigating future power shortages. Moreover, Myanmar's energy policy must be reformed to attract foreign investment and improve governance.

What is the energy demand supply situation in Myanmar?

The Myanmar energy demand supply situation indicates that power generation mix must shift to more coal and hydropower, continued use of biomass, natural gas consumption, and appropriate increase of renewable energy such as solar PV and wind power generation.

How is transport energy consumption projected in Myanmar?

Source: Author's calculations. In Myanmar, transport energy consumption is projected based on the energy requirements of major sectors (industry, transport, agriculture, and households). The choice of fuel type is determined by available supply, since energy demands must be met mainly by domestic sources.

Does Myanmar need to double its energy investment?

ADB estimated that Myanmar would need to double its energy sector investments to some US\$2 billion per year, double historic levels to realize the multilateral development bank's economic growth forecast.

Should Myanmar explore regional energy cooperation?

In the longer term, Myanmar should explore regional energy cooperation, particularly with neighboring countries like Laos and Thailand, to ease supply constraints and expand the grid. For instance, Laos and Myanmar are advancing a 2024 MOU on power cooperation to supply 300-400 MW via northern grids.

How will LCET impact Myanmar's energy supply?

If Myanmar seeks an affordable energy supply, it will need to shift to more coal, hydropower, and biomass, with coal playing a key role in the future. In the LCET scenario, all sectors are expected to save energy as a result of the improving energy efficiency and the introduction of clean technologies.

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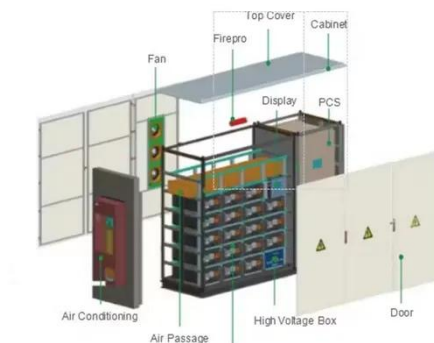
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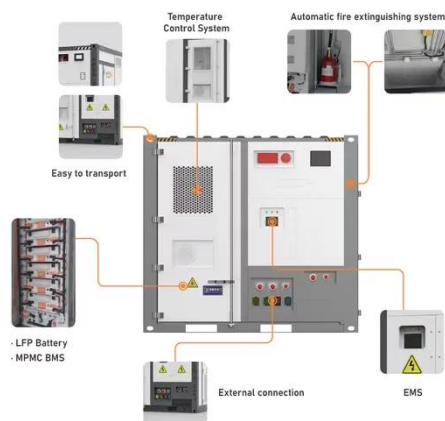
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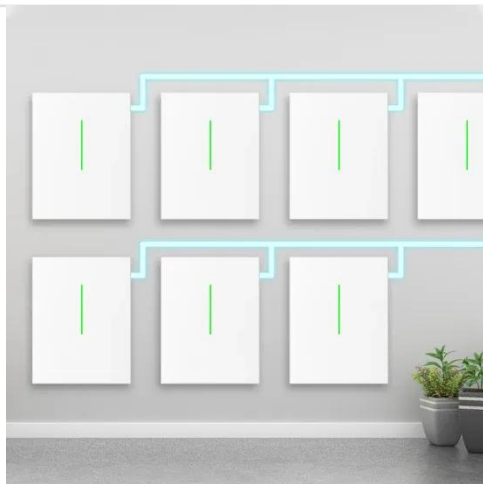
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