

ContainerPower Energy Solutions

Myanmar backup power storage investment



Overview

How can Myanmar improve its power system?

Rebuilding Myanmar's power system will require establishing trust to develop the power sector. Developing solar PV can add incremental generating capacity in a relatively fast manner.

Does Myanmar have a power supply gap?

Myanmar's power sector will likely continue to experience significant challenges. To sustain the current level of power supply would require adding 300-500 MW every year until 2030. Scenario analysis on the power supply-demand gap illustrates that available generating capacity is projected to not meet the growing demand.

Will increasing imports help ease the electricity supply shortages in Myanmar?

While increasing imports could help to ease the electricity supply shortages in Myanmar, it remains challenging under the current circumstances. Improving power sector financial viability and recovering customer confidence are critical for private sector capital mobilization to enhance the quality of electricity services.

Can Myanmar revive the development of hydropower and LNG-to-power?

In the longer term, Myanmar can revive the development of hydropower and LNG-to-power, which were planned in the past or were under construction but did not materialize. Political and macroeconomic stability is important to improve investment climate for these options on the ground.

Does Myanmar have a transmission network expansion plan?

Transmission network expansion has not made much progress since February 2021. A five hundred kilovolt (500 kV) transmission line connecting Yangon and Mandalay was planned before the military takeover. This transmission line was meant to address the bottleneck in electricity transmission between upper

and lower Myanmar and enhance grid capacity.

Is there a reliable assessment of current and future electricity demand in Myanmar?

Currently, there is no robust and credible assessment of current and future electricity demand in Myanmar.

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