

## ContainerPower Energy Solutions

# Myanmar outdoor power supply system



## Overview

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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.

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.

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.

How will Power outages affect Myanmar's garment industry?

Most industry, factory, and commercial buildings use their own diesel generators for operations during power outages. These outages negatively impact the competitiveness of the low-margin garment industry that dominates the country's manufactured goods exports. Myanmar's power sector will likely continue to experience significant challenges.

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.

How much power does Myanmar have in 2021?

Myanmar's maximum effective generating capacity dropped by 1,047 MW within 10 months of its May 2021 peak (Figure 11). Available capacity in the dry season has dropped from 3,500-4,000 MW to 2,400-3,000 MW.

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