

## ContainerPower Energy Solutions

# Myanmar Energy Storage New Energy Prices



## Overview

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Is solar energy a sustainable solution for Myanmar?

Myanmar is increasingly prioritizing solar energy development as a sustainable solution to address its energy shortages and improve rural electrification. The solar energy market has grown significantly in recent years, driven by technological advances and declining costs.

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.

Can Myanmar achieve 100% electricity access by 2030?

The National Electrification Plan (NEP) set a goal of 100% electricity access by 2030, heavily depending on renewable energy. The Myanmar Energy Master Plan from 2015 proposed a mix dominated by hydropower (57%) and coal (30%), with only 5% from wind and solar. Later targets aimed for 8% wind and solar by 2021, and 12% by 2025.

Why is Myanmar facing a power crisis?

Myanmar's plans to expand its renewable energy sector, focusing on solar and hydropower to boost energy security and support rural development, are being hindered by severe challenges. Since the 2021 military coup, the country has faced an ongoing energy crisis, including electricity shortages, frequent blackouts, and a decline in power generation.

What energy sources are found in Myanmar?

Besides these, wind, solar, geothermal, bioethanol, biodiesel, and biogas are the potential energy sources found in Myanmar. Myanmar's proven energy reserves in 2017 comprised of 94 million barrels of oil, 4.552 trillion cubic feet

of gas, and over 500 million metric tons of coal.

Why is Myanmar's energy sector struggling?

Overall, Myanmar's energy sector faces challenges due to political instability, security risks, and environmental concerns, making its ambitious renewable goals difficult to achieve. Myanmar's National Electrification Plan (NEP) aimed to provide universal electricity access by 2030, with a strong focus on off-grid solutions for remote rural areas.

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