

Myanmar Energy Storage Power Generation System





Overview

What is the Myanmar power system efficiency and Resilience Project?

The Myanmar Power System Efficiency and Resilience Project will finance the upgrade to the Ywama gas-fired power plant, improving the availability and reliability of electricity services to consumers in the Yangon region.

What is the main energy source in Myanmar?

Biomass is the major energy source consumed in Myanmar. Total biomass consumption increased from around 7,000 ktoe in 2000 to 9,000 ktoe in 2016 at an average rate of 1.6% per year. The residential sector is the largest consumer of biomass, followed by charcoal processing, industry, and electricity generation (Figure 4.11).

What are the energy units used in Myanmar?

The existing installed capacity is also included in the questionnaire in megawatts (MW). The Myanmar EBT 2000–2016 adopted the energy unit of ton of oil equivalent (toe). One unit of toe is defined as 107 kl (41.868 GJ). There are two heat values: one is NCV and the other is gross calorific value (GCV).

Can LNG be used for power generation in Myanmar?

VPower noted that LNG has been used as fuel for power generation in Myanmar for the first time. The power station, with an installed capacity of 477.1 MW, was built on a fast-track basis for one of the Myanmar government's shortlisted critical projects to boost power supply for summer 2020.



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