

## ContainerPower Energy Solutions

# Kyrgyzstan Emergency Energy Storage Power Supply



## Overview

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What is Kyrgyzstan's main hydropower source?

Kyrgyzstan's major hydropower source, the Toktogul Reservoir, was constructed in Soviet times to provide a more dependable water supply for downstream irrigated agriculture as well as to generate hydropower.

How much gas does Kyrgyzstan supply per year?

Annual gas supply to Kyrgyzstan is approximately 300 million cubic metres (mcm) per year. Gas infrastructure in Kyrgyzstan needs significant refurbishment, as it is over 35 years old and is highly inefficient.

Is Kyrgyzstan a good country for hydropower?

Concerning hydropower, the potential of Kyrgyzstan's rivers is approximately ten times what is currently utilised. Kyrgyzstan's energy system is subject to supply security threats as well as other challenges. The network is old and inefficient, and losses are high.

Will Kyrgyzstan build a coal-fired power plant?

of total electricity generation. Kyrgyzstan has set plans to scale low-carbon deep electrification via the construction of the 1.9 GW Kambarata hydropower plant. Nevertheless, plans to introduce a 1.2 GW coal fired power plant highlight the country.

Does Kyrgyzstan need a CRM?

n infrastructure refurbishments. Although Kyrgyzstan's critical raw material resources are modest compared to other Central Asian countries, Kyrgyzstan's reserves of CRMs could possibly enable national economic development in.

How much CO2 does Kyrgyzstan produce?

higher than the global average. The Kyrgyzstan energy sector contributes to

roughly 60%, 9.1 MT of CO<sub>2</sub>, of its total GHG emissions, where the residential energy consumption and the production of heat & electricity account for over 70

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