

## Kongres Container

# Bangladesh Emergency Energy Storage Power Supply



## Overview

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What kind of energy does Bangladesh use?

Bangladesh's power generation is based on fossil fuels, with natural gas contributing 65 % of power generation and a quarter of the generation coming from liquid fuel, while the rest comes from hydropower, coal, imported power, and renewables; more recently, LNG has been introduced into the energy mix

What is a master plan for energy supply in Bangladesh?

Demand in the northern Bangladesh substantially falls in winter season and instead, the surplus of energy can be exported to India. The Master Plan was developed by assessing the need of energy and power supply for the future. The plan is not the end of product, but any future potential development can be incorporated and adopted accordingly.

Can energy storage be used in Bangladesh?

Concluded in May 2023, the assignment assessed available energy storage technologies, evaluated the role of energy storage in the current grid conditions, identified potential storage locations, analysed energy storage requirements under variable renewable energy (VRE) integration, and developed a roadmap for energy storage in Bangladesh.

What's in the Bangladesh Power Sector Roadmap?

The roadmap highlights specific use-cases for consideration in the Bangladesh power sector over three different future time horizons. It also includes a summary of indicative policy and regulation actions and interventions that may be considered to enable the deployment of energy storage within the defined time horizons.

Does Bangladesh have a long-term energy plan?

To this end, Bangladesh has developed major long-term energy plans such as

Power System Master Plan 2016 (PSMP2016) / Revisiting Power System Master Plan 2016 (Revisiting PSMP2016), Energy Efficiency and Conservation Master Plan 2016 (EECMP2016), and Gas Sector Master Plan 2017 (GSMP2017).

Who handles energy statistics in Bangladesh?

In Bangladesh, energy statistics are handled by the Hydrocarbon Unit (HCU) under EMRD, the Sustainable and Renewable Energy Development Authority (SREDA) under the Power Division (PD), and the Bangladesh Bureau of Statistics (BBS) under the Ministry of Planning. The fiscal year of Bangladesh is from July 1 to June 30.

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