



Electric grid dhaka

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DHAKA, Feb. 9 (Xinhua) -- The Chinese-built 1st transmission line of Power Grid Upgrading and Renovation Turnkey Project in Bangladesh has been put into operation, boosting the transmission capacity of power grid in the northwestern Rajshahi region.

The project covers the construction, expansion, upgrading and renovation of about 99 substations and about 1,000 km of transmission lines operated by the Power Grid Company of Bangladesh. The 1st transmission line is a 132kV double circuit line from Niyamatpur to Rahanpur.

Shen Jianlong, chief representative of FEPEC, told Xinhua that after the operation, it will effectively improve Bangladesh weak power grid, make the power grid of 132kV connected and synchronized with 230 kV ring networks, and help Bangladesh power grid achieve stable operation.

According to rough calculation, installed capacity of power constructed in form of general contract or subcontract by Chinese companies reaches more than 9,038MW, accounting for 35 percent of total installed capacity in Bangladesh, which secures stable power supply for rapid economic and social development of the country. ?

The Asian Development Bank (ADB) is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. It assists its members and partners by providing loans, technical assistance, grants, and equity investments to promote social and economic development.

Power Grid Bangladesh PLC abbreviated as Power Grid is the sole organization of Government of Bangladesh entrusted with transmission of power throughout the country. It is a government owned Public Limited Company which is listed at the Dhaka and Chittagong Stock Exchange. It was previously known as Power Grid Company of Bangladesh Ltd and was abbreviated as PGCB.

Mission: Efficient and effective management of national power grid for reliable and quality transmission of electricity throughout the country.

The main operating function of Power Grid Bangladesh is wheeling of energy from power stations owned by BPDB, Government Generation Companies, IPP & Adani-Power-India etc. to Distribution entities utilizing transmission network. Power Grid gets its energy wheeling charge from its clients(distribution entities) at the rate fixed by Bangladesh Electricity Regulatory Commission (BERC). Power Grid also gets a huge revenue by giving rent its reliable optical fiber to ISP.

All the distribution Company of Bangladesh are the customer of Power Grid. They take power mostly at 33



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KV Voltage level. Some of them take power at 132 KV Voltage level. The name of these company are BPDB, all PBS, NESCO, WZPDCL, DESCO & DPDC. In addition, Some industries like BSRM, KSRM etc. take power from Power Grid directly at 132KV & 230 KV Voltage level.

Power Grid Bangladesh is an Organization holding certificate of latest version ISO 9001:2015 of International Standard of Quality Management. Moreover, It has achieved internationally recognized standard BS ISO 45001:2018 related to professional security management in workplace.

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