

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.2870  
ANSWERED ON 08.08.2024**

**SHORTAGE OF ELECTRICITY IN METRO CITIES**

**2870 SHRI S JAGATHRATCHAKAN:**

**Will the Minister of POWER  
be pleased to state:**

- (a) whether the Government has taken cognizance of the fact that all major metros like Delhi, Chennai, Mumbai, Kolkata and Bengaluru are facing shortage of electricity due to lack of adequate coal supply to thermal plants, redevelopment and infrastructure projects;
- (b) if so, the details thereof; and
- (c) the steps taken/proposed to be taken by the Government to ensure that the electricity supply is able to keep up with the demand growth?

**A N S W E R**

**THE MINISTER OF STATE IN THE MINISTRY OF POWER**

**(SHRI SHRIPAD NAIK)**

(a) & (b) : The coal stock available at coal based power plants in the country has increased from 25.63 Million Tonnes (MT) (sufficient for about 9 days) as on 31.03.2022 to 36.95 Million Tonnes (MT) (sufficient for about 13 days) as on 31.03.2023 to 50.69 MT (sufficient for about 18 days) as on 31.03.2024. The coal stock has increased from sufficiency of about 9 days to about 18 days during last 24 months. The coal stock available at the power plants as on 31.07.2024 is about 45.8 MT, which is sufficient for about 16 days.

(c) : The following steps are being taken by Govt. of India to ensure Electricity supply to keep up with demand growth:

- (i) Installed generation capacity has increased from 2,48,554 MW in March 2014 to 4,46,190 MW in June 2024.

Further, as against minimum 80,000 MW thermal capacity targeted to be added by 2031-32, 28,400 MW Thermal Capacity is under construction. In addition, 18,087.50 MW Hydro Capacity and 7,300 MW Nuclear Capacity are also expected to be operationalized by 2031-32.

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- (ii) **1,95,181 circuit kilometer (ckm) of transmission lines, 7,30,794 MVA of Transformation capacity and 82,790 MW of Inter-Regional capacity has been added since 2014 with capability of transferring 1,18,740 MW from one corner of the country to another.**

**Further, addition of 21,766 ckm transmission line and 1,77,755 MVA transformation capacity is targeted to be completed by 2026-27.**

- (iii) **Waiver of ISTS charges on transmission of electricity generated from Solar, Wind, Pumped Storage Plants and Battery Energy Storage Systems.**
- (iv) **Renewable Purchase Obligations (RPOs) and Energy Storage obligations Trajectory till 2029-30.**
- (v) **Construction of Green Energy Corridors and putting in place of 13 Renewable Energy Management Centres.**
- (vi) **Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to Renewable Energy (RE) developers for installation of RE projects at large scale.**
- (vii) **India has committed to augment non fossil fuel based installed electricity generation capacity to over 5,00,000 MW by 2031-32.**
- (viii) **Under RDSS, projects worth Rs. 2.62 lakh crore for distribution infrastructure works and smart metering works have been sanctioned at National level.**
- (ix) **Under Power System Development Fund (PSDF), a total of 188 projects have been approved for improvement of State, Regional and National Power System.**
- (x) **Introduction of Real Time Market (RTM), Green Day Ahead Market (GDAM), Green Term Ahead Market (GTAM), High Price Day Ahead Market (HP-DAM) in Power Exchanges. Also, DEEP Portal (Discovery of Efficient Electricity Price) for e-Bidding and e-Reverse for procurement of short-term power by DISCOMs was introduced.**

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