

GOVERNMENT OF INDIA  
MINISTRY OF POWER

**RAJYA SABHA**  
**UNSTARRED QUESTION NO.792**  
**ANSWERED ON 02.12.2024**

**PROPOSAL TO AUGMENT POWER GENERATION CAPACITY**

**792 SHRI HARBHAJAN SINGH:**

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

- (a) whether Government is aware that with rising temperature every year during summer, power demand is touching new heights year after year;
- (b) if so, whether there is any proposal to augment power generation capacity, particularly in new and renewable sources to fulfil the demand, and the details thereof; and
- (c) the details of the steps taken by the Ministry to improve and augment power production in the State of Punjab?

**A N S W E R**

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

**(a) :** The country has experienced a highest ever Peak Demand of 2,49,854 MW in May, 2024 which was met successfully. There has been consistent growth in Peak Demand and Energy Requirement of the country due to rapid economic growth in recent years, providing new electricity connections to households and increased hours of supply in Urban and Rural areas. The details of Power Supply Position in the country for the last three years and the current year till October, 2024 are given at **Annexure**.

**(b) :** There is adequate availability of power in the country. Present installed generation capacity of the country is 4,54,452 MW. Government of India has addressed the critical issue of power deficiency by adding 2,22,500 MW of generation capacity since April, 2014 transforming our country from power deficit to power sufficient.

In order to augment the power generation capacity, the Government of India has initiated following capacity addition programme:

- (i) Ministry of Power, in consultation with States, has envisaged a plan to add thermal capacity of a minimum 80,000 MW by 2031-32. Against this target, 29,200 MW Thermal Capacity is already under construction while 51,520 MW is at various stages of planning & development.

(ii) 13,997.5 MW of Hydro Electric Projects and 6,050 MW Pumped Storage Projects (PSP) are under construction. 24,225.5 MW of hydro electric projects and 50,760 MW of PSP are under various stage of planning and targeted to be completed by 2031-32.

(iii) 7,300 MW of Nuclear Capacity is under construction and 7,000 MW is under various stages of planning and approval.

(iv) Present installed Renewable Energy (RE) capacity of the country is 2,03,215 MW. Further, 1,27,050 MW of RE is under construction and 89,690 MW is under various stages of tendering. India has committed to augment non fossil fuel based installed electricity generation capacity to over 5,00,000 MW by 2030.

(c): Electricity, being a concurrent subject, supply and distribution of electricity to the consumers in a State/ UT is within the purview of respective State Government/Power Utility. Making arrangement of appropriate quantum of power from various sources to meet the demand of various types of electricity consumers in any State/ UT is in the jurisdiction of concerned State Government and the State Electricity Regulatory Commission. The Central Government supplements the efforts of the State Governments by establishing power plants in Central Sector through Central Public Sector Undertaking (CPSUs) and allocating power from them to the various States/ UTs, as per their entitlement.

Keeping in view the power supply position of Punjab and the request of the State Government for meeting the increased power demand during paddy seasons, Ministry of Power had allocated additional power from the Central Generating Stations (CGSs) for the FY 2024-25 as per the following details:

- (i) 207 MW for the period June, 2024 to September, 2024 from Unallocated pool of Northern Region.
- (ii) 180 MW from 01.06.2024 to 15.10.2024 from Telangana STPP Unallocated power and 300 MW from 01.07.2024 to 15.10.2024 from NR Pool.
- (iii) 200 MW from 16.07.2024 to 15.09.2024 from Unallocated pool of Southern Region.

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**ANNEXURE**

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 792 ANSWERED IN THE RAJYA SABHA ON 02.12.2024**

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The details of actual Power Supply Position in the country for the last three years and the current year till October, 2024

Year	Energy [in Million Units (MU)]			
	Energy Requirement	Energy Supplied	Energy not Supplied	
	( MU )	( MU )	( MU )	( % )
2021-22	13,79,812	13,74,024	5,787	0.4
2022-23	15,13,497	15,05,914	7,583	0.5
2023-24	16,26,132	16,22,020	4,112	0.3
2024-25 (upto October, 2024)*	10,28,850	10,27,589	1,261	0.1

*\*Figures for October, 2024 are provisional*

Year	Peak [in Mega Watt (MW)]			
	Peak Demand	Peak Met	Demand not Met	
	( MW )	( MW )	( MW )	( % )
2021-22	2,03,014	2,00,539	2,475	1.2
2022-23	2,15,888	2,07,231	8,657	4.0
2023-24	2,43,271	2,39,931	3,340	1.4
2024-25 (Upto October, 2024)	2,49,856	2,49,854	2	0.001

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