

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2431
ANSWERED ON 03.08.2023**

POWER GENERATION

2431. SHRI THIRUNAVUKKARASAR SU:

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

- (a) the status of power generation, its demand and supply in the country and the details of the sources and their capacity in total power production in the country at present;**
- (b) whether the Government has any proposal to import huge quantity of power from Nepal;**
- (c) if so, the details along with the estimated cost of the same; and**
- (d) the extent to which the proposal would help in bridging the gap between demand and supply of electricity in the country?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The details of All-India power generation, its demand and supply in terms of energy and peak in the country during the last year i.e. 2022-23 and the current year 2023-24 (upto June, 2023) are given at Annexure-I. The details of source-wise installed capacity till June, 2023 is given at Annexure-II.

(b) to (d) : India and Nepal have finalised an agreement for Long-Term Power Trade to increase the quantum of Export of power from Nepal to India to 10,000 MW within a time frame of 10 years. The import of power from Nepal would be based on commercial transactions by entities concerned.

This proposal would realize mutual benefits to both countries from Trade in Hydro power which is clean, green and sustainable source of energy. The Hydro power would help in mitigating issues arising from large scale renewable integration in the grid.

ANNEXURE-I**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2431 ANSWERED IN THE LOK SABHA ON 03.08.2023**

The details of All-India electricity generation, its demand and supply in terms of energy and peak in the country during the last year i.e. 2022-23 and the current year 2023-24 (upto June, 2023)

Year	Power Generation	Energy Requirement	Energy Supplied	Energy Not Supplied	
	(MUs)	(MUs)	(MUs)	(MUs)	(%)
2022-23	1,624,466	1,511,847	1,504,264	7,583	0.5
2023-24 (till June, 2023)	436,474	408,621	407,762	858	0.2

Year	Peak Demand	Peak Met	Demand Not Met	
	(MW)	(MW)	(MW)	(%)
2022-23	215,888	207,231	8,657	4.0
2023-24 (till June, 2023)	223,254	223,235	19	0.0

ANNEXURE-II**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2431 ANSWERED IN THE LOK SABHA ON 03.08.2023**

The details of Installed Generation Capacity as on 30.06.2023 :

Source wise breakup (All Figures in MW)									Grand Total (MW)
Thermal					Nuclear	Renewable			
Coal	Lignite	Gas	Diesel	Total		Hydro	RES	Total	
2,05,895	6,620	24,824	589	2,37,929	7,480	46,850	1,29,643	1,76,493	4,21,902

The details of Electricity Generation during 2022-23 :

Source wise breakup (All Figures in MU)										Grand Total (MU)
Thermal					Nuclear	Renewable				
Coal	Lignite	Gas	Diesel	Total		Hydro	Bhutan Import	RES	Total	
11,45,908	36,188	23,885	230	12,06,211	45,861	1,62,099	6,742	2,03,552	3,72,393	16,24,465

The details of Electricity Generation during 2023-24 (Upto June) :

Source wise breakup (All Figures in MU)										Grand Total (MU)
Thermal					Nuclear	Renewable				
Coal	Lignite	Gas	Diesel	Total		Hydro	Bhutan Import	RES	Total	
3,15,310	8,517	8,357	106	3,32,291	10,178	34,322	851	58,832	94,005	4,36,474
