

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1583
ANSWERED ON 05.08.2024

SHORTAGE OF ELECTRICITY

1583 SHRI RAGHAV CHADHA:

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

- (a) whether there is a shortage of electricity in the country due to its increased consumption as a result of heatwaves;
- (b) if so, the details thereof, State-wise;
- (c) whether the country witnessed lowest electricity production in the last five years due to delay in commissioning of new power plants; and
- (d) the details of steps taken/proposed to be taken by Government to increase the per capita consumption of electricity?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) & (b): There is adequate availability of power in the country. Government of India has addressed the critical issue of power deficiency by adding 2,14,237 MW of generation capacity in the last ten years transforming our country from power deficit to power sufficient.

The details of Power Supply Position during the last five years i.e., 2019-20 to 2023-24 and the current year 2024-25 (upto June, 2024) are given at **Annexure-I**. The details of State-wise/UT-wise Power Supply Position in the country for the year 2023-24 and current year 2024-25 (April,2024 to June, 2024), are given at **Annexure-II**.

The growth in Energy Supplied has been commensurate to the growth in Energy Requirement in the country. There is only a marginal gap between Energy Requirement and Energy Supplied which is generally on account of constraints in the State transmission/distribution network etc.

(c): There has been consistent growth in generation of electricity in the country except for a marginal decline in 2020-21 due to lower energy requirement in the country due to COVID-19 pandemic. The details of total quantity of power generated in the country during the last five years and the current year (upto June, 2024), are given at **Annexure-III**.

(d): The following steps have been taken to increase the per capita consumption of electricity:

(i) Under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Integrated Power Development (IPDS) and Pradhan Mantri Sahaj Bijli Har Ghar Yojana (SAUBHAGYA) schemes, 18,374 villages have been electrified and 2.86 crore household were provided electricity connections. The availability of power supply in rural areas has increased from 12.5 Hours in 2015 to 21.9 Hours in 2024. The power supply in urban areas has increased to 23.4 Hours in 2024. As a result of these measures, per capita power consumption has increased from 957 kWh in 2013-14 to 1331 kWh in 2022-23.

(ii) The Government of India has launched “Revamped Distribution Sector Scheme (RDSS) - a Reforms based and Results linked Scheme” on 20th July 2021 with the objective of improving the quality and reliability of power supply to consumers through a financially sustainable and operationally efficient distribution sector. Under RDSS, all identified Particularly Vulnerable Tribal Group (PVTG) Households under PM-JANMAN (Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan) are eligible for funding for on-grid electricity connection. Till date, 1,23,581 PVTG households have been sanctioned for electrification.

ANNEXURE-I**ANNEXURE REFERRED IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1583 ANSWERED IN THE RAJYA SABHA ON 05.08.2024**

The details of Power Supply Position during the last five years i.e., 2019-20 to 2023-24 and the current year 2024-25 (upto June, 2024).

Year	Energy [in Million Units (MU)]			
	Energy Requirement	Energy Supplied	Energy Not Supplied	
	(MU)	(MU)	(MU)	(%)
2019-20	12,91,010	12,84,444	6,566	0.5
2020-21	12,75,534	12,70,663	4,871	0.4
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 (April,2024 to June, 2024)	4,52,399	4,51,811	588	0.1

ANNEXURE REFERRED IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1583 ANSWERED IN THE RAJYA SABHA ON 05.08.2024

The details of State-wise/UT-wise Power Supply Position in the country for the year 2023-24 and current year 2024-25 (April, 2024 to June, 2024).

State/ System / Region	April, 2023 - March, 2024				April, 2024 - June, 2024			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,789	1,789	0	0.0	578	578	0	0.0
Delhi	35,501	35,496	5	0.0	11,613	11,605	8	0.1
Haryana	63,983	63,636	348	0.5	19,332	19,321	11	0.1
Himachal Pradesh	12,805	12,767	38	0.3	3,306	3,291	15	0.5
Jammu & Kashmir	20,040	19,763	277	1.4	4,815	4,791	25	0.5
Punjab	69,533	69,528	5	0.0	20,475	20,475	0	0.0
Rajasthan	1,07,422	1,06,806	616	0.6	28,940	28,738	202	0.7
Uttar Pradesh	1,48,791	1,48,287	504	0.3	48,902	48,822	80	0.2
Uttarakhand	15,644	15,532	112	0.7	4,678	4,665	14	0.3
Northern Region	4,76,852	4,74,946	1,906	0.4	1,43,040	1,42,686	354	0.2
Chhattisgarh	39,930	39,872	58	0.1	7,637	11,220	2	0.0
Gujarat	1,45,768	1,45,740	28	0.0	41,942	41,942	0	0.0
Madhya Pradesh	99,301	99,150	151	0.2	25,397	25,373	23	0.1
Maharashtra	2,07,108	2,06,931	176	0.1	53,413	53,408	5	0.0
Dadra & Nagar Haveli and Daman & Diu	10,164	10,164	0	0.0	2,697	2,697	0	0.0
Goa	5,111	5,111	0	0.0	1,441	1,441	0	0.0
Western Region	5,17,714	5,17,301	413	0.1	1,38,856	1,38,826	30	0.0
Andhra Pradesh	80,209	80,151	57	0.1	20,504	20,504	0	0.0
Telangana	84,623	84,613	9	0.0	19,292	19,292	0	0.0
Karnataka	94,088	93,934	154	0.2	23,710	23,710	0	0.0
Kerala	30,943	30,938	5	0.0	8,533	8,531	2	0.0
Tamil Nadu	1,26,163	1,26,151	12	0.0	35,675	35,675	0	0.0
Puducherry	3,456	3,455	1	0.0	970	970	0	0.0
Lakshadweep (#)	64	64	0	0.0	18	18	0	0.0
Southern Region	4,19,531	4,19,293	238	0.1	1,08,697	1,08,695	2	0.0
Bihar	41,514	40,918	596	1.4	8,086	12,565	90	0.7
DVC	26,560	26,552	8	0.0	6,764	6,762	1	0.0
Jharkhand	14,408	13,858	550	3.8	4,150	4,097	53	1.3
Odisha	41,358	41,333	25	0.1	11,990	11,980	10	0.1
West Bengal	67,576	67,490	86	0.1	20,886	20,843	43	0.2
Sikkim	544	543	0	0.0	140	140	0	0.0
Andaman- Nicobar (#)	386	374	12	3.2	109	106	2	2.0
Eastern Region	1,92,013	1,90,747	1,266	0.7	56,597	56,400	197	0.3
Arunachal Pradesh	1,014	1,014	0	0.0	245	245	0	0.0
Assam	12,445	12,341	104	0.8	3,314	3,309	5	0.1
Manipur	1,023	1,008	15	1.5	264	264	0	0.0
Meghalaya	2,236	2,066	170	7.6	491	491	0	0.0
Mizoram	684	684	0	0.0	166	166	0	0.0
Nagaland	921	921	0	0.0	233	233	0	0.0
Tripura	1,691	1,691	0	0.0	494	494	0	0.0
North-Eastern Region	20,022	19,733	289	1.4	5,208	5,204	5	0.1
All India	16,26,132	16,22,020	4,112	0.3	4,52,399	4,51,811	588	0.1

ANNEXURE-III

**ANNEXURE REFERRED IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 1583
ANSWERED IN THE RAJYA SABHA ON 05.08.2024**

The total quantity of power generated in the country during the last five years and the current year (upto June, 2024)

(All figures are in Million Units)

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25 (Upto June)
Total Power Generated	13,89,121	13,81,855	14,91,859	16,24,466	17,39,091	4,84,001
