

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3849
ANSWERED ON 23.03.2023**

CONSUMPTION AND DEMAND OF POWER

3849. DR. PON GAUTHAM SIGAMANI:

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

- (a) whether it is a fact that India's power consumption logged a year-on-year growth of more than nine per cent to 117.84 billion units in February this year;**
- (b) whether it is also true that the power consumption and demand would register a substantial increase in March due to a rise in temperature and if so, the reaction of the Government thereto;**
- (c) whether it is also a fact that many States are facing a shortage of power; and**
- (d) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The comparison of energy requirement and energy supplied for the month of February, 2023 and February, 2022 and for the period April, 2022 to February, 2023 and April, 2021 to February, 2022 is given at Annexure-I.

The growth in energy supplied/consumption in February, 2023 is 8% as compared to February, 2022 whereas growth in energy supplied/consumption for the period April, 2022 to February, 2023 is 10.4% as compared to the period April, 2021 to February, 2022.

(b) : The peak demand in the month of March, 2023 has been projected as 212 GW whereas only 209 GW has been reported till date in the month of March, 2023. The month of April, 2023 and May, 2023 have been projected as high demand period. During the current year 2023-24, the peak demand is expected to be around 229 GW during the summer period. Following steps have been taken for meeting the increased demand for power:

(i) Measures have been taken to ensure the availability of the generation capacity. The generators are directed to complete the maintenance work of their plants well before the period of high demand. No planned maintenance will be taken during the high demand period (say April & May, 2023).

- (ii) Monitoring and coordination with Ministries of Coal and Railways, on a regular basis, for increase in the production and dispatch of coal as much as possible.**
 - (iii) All generators have been asked for timely import of required coal for blending purposes so that adequate coal stock is maintained in the plant.**
 - (iv) All captive coal blocks have been asked to maximize the coal production to supplement the coal supply from domestic coal companies (CIL and SCCL).**
 - (i) Additional arrangement for gas for running gas based stations has been planned from GAIL, during high power demand months.**
 - (vi) Imported Coal Based (ICB) plants have been issued statutory directions to stock coal and generate power during high demand period.**
- (c) & (d) : The State-wise power supply position for the year 2021-22 and current year 2022-23 (upto February, 2023) is given at Annexure-II. The marginal gap between energy requirement and energy supplied is generally on account of factors such as constraints in distribution network, financial constraints, commercial reasons, etc.**

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3849 ANSWERED IN THE LOK SABHA ON 23.03.2023**

The comparison of energy requirement and energy supplied for the month of February, 2023 and February, 2022 and for the period April, 2022 to February, 2023 and April, 2021 to February, 2022

(Figures in MU net)

February, 2023		February, 2022		% Change	
Energy requirement	Energy supplied	Energy requirement	Energy supplied	Energy requirement	Energy supplied
117,209	116,697	108,362	108,032	8.2	8.0
April, 2022 - February, 2023		April, 2021 - February, 2022		% Change	
Energy requirement	Energy supplied	Energy requirement	Energy supplied	Energy requirement	Energy supplied
1,382,920	1,375,571	1,250,625	1,245,546	10.6	10.4

**ANNEXURE REFERRED TO IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO. 3849
ANSWERED IN THE LOK SABHA ON 23.03.2023**

The State-wise power supply position for the year 2021-22 and current year 2022-23 (upto February, 2023)

State/ System/Region	April, 2022 - February, 2023				April, 2021 - March, 2022			
	Energy requirement	Energy supplied	Energy not supplied		Energy requirement	Energy supplied	Energy not supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,687	1,687	0	0.0	1,606	1,606	0	0.0
Delhi	33,012	33,002	10	0.0	31,128	31,122	6	0.0
Haryana	57,564	57,061	503	0.9	55,499	55,209	290	0.5
Himachal Pradesh	11,601	11,497	104	0.9	12,115	12,088	27	0.2
UT of J&K and Ladakh	17,914	17,604	309	1.7	19,957	18,434	1,524	7.6
Punjab	65,282	64,996	286	0.4	62,846	62,411	436	0.7
Rajasthan	94,270	92,557	1,712	1.8	89,814	89,310	504	0.6
Uttar Pradesh	1,34,645	1,33,449	1,196	0.9	1,29,448	1,28,310	1,138	0.9
Uttarakhand	14,496	14,247	249	1.7	15,521	15,426	94	0.6
Northern Region	4,31,544	4,27,175	4,369	1.0	4,17,934	4,13,915	4,019	1.0
Chhattisgarh	35,450	35,381	69	0.2	31,908	31,872	35	0.1
Gujarat	1,26,657	1,26,613	44	0.0	1,23,953	1,23,666	287	0.2
Madhya Pradesh	84,434	84,105	329	0.4	86,501	86,455	46	0.1
Maharashtra	1,69,433	1,69,322	111	0.1	1,72,823	1,72,809	14	0.0
Dadra & Nagar Haveli and Daman & Diu	9,169	9,169	0	0.0	9,433	9,433	0	0.0
Goa	4,279	4,279	0	0.0	4,448	4,448	0	0.0
Western Region	4,33,746	4,33,192	553	0.1	4,29,065	4,28,683	383	0.1
Andhra Pradesh	65,604	65,194	410	0.6	68,413	68,219	194	0.3
Telangana	68,609	68,576	34	0.0	70,539	70,523	16	0.0
Karnataka	67,159	67,133	26	0.0	72,437	72,417	20	0.0
Kerala	25,028	25,007	21	0.1	26,579	26,570	9	0.0
Tamil Nadu	1,03,794	1,03,718	77	0.1	1,09,816	1,09,798	18	0.0
Puducherry	2,806	2,805	1	0.0	2,894	2,893	1	0.0
Lakshadweep #	58	58	0	0.0	56	56	0	0.0
Southern Region	3,33,043	3,32,476	567	0.2	3,50,678	3,50,421	258	0.1
Bihar	36,635	35,873	762	2.1	36,216	35,761	455	1.3
DVC	23,858	23,850	8	0.0	23,741	23,736	4	0.0
Jharkhand	12,006	11,099	907	7.6	11,148	10,590	558	5.0
Odisha	39,074	39,028	46	0.1	38,339	38,332	7	0.0
West Bengal	55,133	55,066	67	0.1	54,001	53,945	57	0.1
Sikkim	539	539	0	0.0	610	609	0	0.0
Andaman- Nicobar Islands #	318	318	0	0.0	335	327	8	2.3
Eastern Region	1,67,298	1,65,508	1,789	1.1	1,64,054	1,62,973	1,081	0.7
Arunachal Pradesh	823	803	20	2.4	875	874	1	0.1
Assam	10,619	10,612	7	0.1	10,844	10,825	19	0.2
Manipur	926	925	1	0.1	1,019	1,018	1	0.1
Meghalaya	2,050	2,050	0	0.0	2,256	2,243	13	0.6
Mizoram	592	592	0	0.0	656	644	12	1.8
Nagaland	844	802	41	4.9	852	851	1	0.1
Tripura *	1,428	1,428	0	0.0	1,578	1,578	0	0.0
North-Eastern Region	17,289	17,220	70	0.4	18,079	18,033	47	0.3
All India	13,82,920	13,75,571	7,349	0.5	13,79,812	13,74,024	5,787	0.4
# Lakshadweep and Andaman & Nicobar Islands are stand-alone systems, power supply position of these does not form part of regional requirement and supply.								
* Excludes the supply to Bangladesh.								
Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/Electricity Departments. The MU figures have been rounded off to nearest unit place.								
