

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.3584  
ANSWERED ON 24.03.2022**

**DEMAND OF ELECTRICITY IN GUJARAT**

**†3584. SHRI JASWANT SINGH BHABHOR:**

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

- (a) whether the Government has assessed the demand of electricity in Gujarat after the completion of the Pradhan Mantri Sahaj Bijli Har Ghar Yojana-Saubhagya;**
- (b) if so, the details of the estimated power load at the time of peak power demand;**
- (c) whether the grid capacity is likely to be sufficient to meet the estimated power load;**
- (d) if so, the details thereof;**
- (e) if not, whether the Government has made any plans to increase power generation and grid capacity accordingly; and**
- (f) if so, the details thereof?**

**A N S W E R**

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY**

**(SHRI R.K. SINGH)**

**(a) & (b) : As reported by the States, a total of 2.817 crore households have been electrified in the country including 41,317 households in Gujarat up to its closure as on 31.03.2021, since the launch of Saubhagya scheme.**

**The power demand of Gujarat is manifested as part of the Energy Requirement and the Peak Demand of the State. As per the information given by the State, the details of Power Supply Position of Gujarat, in terms of Energy and Peak, during the years 2017-18, 2018-19, 2019-20 and 2020-21 and the current year i.e. 2021-22 (period April, 2021 to February, 2022) are given at Annexure-I.**

**(c) to (f) : Adequate grid capacity is available in the country to meet the demand of power. The details of All India Power Supply position, in terms of Energy and Peak, during the years 2017-18, 2018-19, 2019-20 and 2020-21 and the current year i.e. 2021-22 (period April, 2021 to February, 2022) are given at Annexure-II.**

**As on 28.02.2022, the installed generation capacity is around 395.6 GW which is sufficient to meet the demand of electricity in the country. The peak demand experienced during the current year was only 203 GW.**

**India has robust transmission grid capacity with five Regional Grids interconnected through synchronous links forming One Nation - One Grid - One Frequency system, thereby enabling smooth flow of power from surplus regions to deficit regions, as is reflected by the marginal gap between demand and supply of power. The expansion of grid capacity is planned commensurate with the requirement of meeting the growing demand of electricity. A total of 63,570 cKms of transmission lines, transformation capacity of 2,68,102 MVA have been added in the country since FY 2018-19 till 28.02.2022 for evacuation of power from generating stations to load centres. The Inter-regional transmission capacity has also been increased by 25,800 MW since FY 2018-19 to a total capacity of 1,12,250 MW as on 28.02.2022. The measures taken to increase the power generation are given at Annexure-III.**

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**ANNEXURE-I****ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3584 ANSWERED IN THE LOK SABHA ON 24.03.2022**

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The details of actual Power Supply Position of Gujarat, in terms of Energy and Peak, during the years 2017-18, 2018-19, 2019-20 and 2020-21 and the current year i.e. 2021-22 (period April, 2021 to February, 2022)

Year	ENERGY [in Million Units (MU)]				PEAK [in Mega Watt (MW)]			
	Energy Requirement	Energy Supplied	Energy Not Supplied		Peak Demand	Peak Met	Demand not Met	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
2017-18	109,984	109,973	12	0.0	16,590	16,590	0	0.0
2018-19	116,372	116,356	15	0.0	17,053	16,963	90	0.5
2019-20	113,940	113,939	1	0.0	18,437	18,424	13	0.1
2020-21	111,622	111,622	0	0.0	18,528	18,483	45	0.2
2021-22 (upto February 2022)*	112,485	112,127	358	0.3	19,451	19,431	20	0.1

\* *Provisional*

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**ANNEXURE-II****ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (f) OF UNSTARRED QUESTION NO. 3584 ANSWERED IN THE LOK SABHA ON 24.03.2022**

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The details of actual All India Power Supply Position, in terms of Energy and Peak, during the years 2017-18, 2018-19, 2019-20 and 2020-21 and the current year i.e. 2021-22 (period April, 2021 to February, 2022)

Year	ENERGY [in Million Units (MU)]				PEAK [in Mega Watt (MW)]			
	Energy Requirement	Energy Supplied	Energy Not Supplied		Peak Demand	Peak Met	Demand not Met	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
2017-18	1,213,326	1,204,697	8,629	0.7	164,066	160,752	3,314	2.0
2018-19	1,274,595	1,267,526	7,070	0.6	177,022	175,528	1,494	0.8
2019-20	1,291,010	1,284,444	6,566	0.5	183,804	182,533	1,271	0.7
2020-21	1,275,534	1,270,663	4,871	0.4	190,198	189,395	802	0.4
2021-22 (upto February 2022)*	1,251,314	1,246,170	5,144	0.4	203,014	200,539	2,475	1.2

\* Provisional

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**ANNEXURE-III**

**ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (f) OF UNSTARRED QUESTION NO. 3584 ANSWERED IN THE LOK SABHA ON 24.03.2022**

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**The following measures are taken to increase the power generation:**

- i. Thermal Projects totaling to 28460 MW are under construction in the country.**
- ii. Presently, there are 36 Large Hydro Projects (above 25 MW) totaling to 12663.5 MW which are under implementation in the country. Out of which, 27 projects totaling to 11427.5 MW are under active construction and 9 projects totaling to 1236 MW are presently stalled.**
- iii. Nuclear projects of capacity amounting to 8700 MW are under construction capacity and 7000 MW nuclear power projects have been accorded Administrative Approval and Financial Sanction.**
- iv. Hon'ble Prime Minister at Glasgow COP26 Summit has set a target to achieve 500 GW installed capacity from non-fossil fuel based capacity (Hydro, Nuclear, Solar PV, Wind, Biomass etc.) by 2030.**

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