

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.1922
ANSWERED ON 28.07.2022**

ASSESSMENT OF POWER LOAD

**†1922. SHRI DULAL CHAND GOSWAMI:
SHRI CHANDRA PRAKASH CHOUDHARY:**

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

- (a) whether the Government has assessed the demand of electricity in Bihar and Jharkhand after the completion of Pradhan Mantri Sahaj Bijli Har Ghar Yojana-Saubhagya;**
- (b) if so, the details of estimated power load at the time of peak power demand in the said States;**
- (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) : The Central Government had launched the Pradhan Mantri Sahaj Bijli Har Ghar Yojana-Saubhagya in October,2017 with the objective to achieve universal household electrification for providing electricity connections to all willing un-electrified households in rural areas and all willing poor households in urban areas in the country identified before 31.03.2019. As on 31.03.2021, all the States including Bihar and Jharkhand have reported 100% electrification of all the willing un-electrified households, identified before 31.03.2019. The Saubhagya scheme has been closed in March, 2021.

Central Electricity Authority (CEA) conducts Electric Power Survey (EPS) of the country every five years for estimating the electricity demand of the country on medium and long term basis as obligated under Section 73(a) of the Electricity Act-2003. The 19th EPS report, published in January 2017, covers electricity demand projection for the years upto 2026-27 as well as perspective electricity demand projection for the year 2031-32 and 2036-37 for each State/UTs with the consideration of impact of Pradhan Mantri Sahaj Bijli Har Ghar Yojana – Saubhagya Scheme.

The details of Estimated Peak Demand for the States of Bihar and Jharkhand for the years 2022-23 to 2026-27 and for perspective years 2031-32 & 2036-37 are given at Annexure.

(c) to (f) : India has robust transmission Grid capacity. Power can be transmitted from one State to another State through Regional Grids. India has five Regional Grids and all the five grids are now interconnected through synchronous links forming One Nation - One Grid - One Frequency system, thereby enabling smooth flow of power from surplus regions to deficit regions. The cumulative inter regional transmission capacity of the National Grid as on 30.06.2022 is 1,12,250 MW, which is likely to get enhanced to 1,18,050 MW by the end of the year 2023.

There is adequate installed capacity for generation in the country. As on 30.06.2022, the installed generation capacity of India is 403.76 Giga Watt (GW) which is sufficient to meet the Peak Power Demand of the country of around 215.89 Giga Watt (GW) which had occurred in the month of April, 2022 during the current year 2022-23 (period April, 2022 to June, 2022).

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1922 ANSWERED IN THE LOK SABHA ON 28.07.2022

The details of Estimated Peak Demand for the states of Bihar and Jharkhand for the years 2022-23 to 2026-27 and for perspective years 2031-32 & 2036-37.

Peak Electricity Demand (in MW) (Ex Bus)

State/UTs	2022-23	2023-24	2024-25	2025-26	2026-27	2031-32	2036-37
Bihar	7054	7521	8003	8681	9308	11944	14495
Jharkhand	5450	5733	6013	6326	6626	8155	9913
