

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2496
ANSWERED ON 03.08.2023**

GENERATION OF HYDRO POWER IN TELANGANA

**2496. SHRI VENKATESH NETHA BORLAKUNTA:
DR. G. RANJITH REDDY:**

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

- (a) the total Megawatt (MW) of power generated in the country on an average, since 2014, year-wise;**
- (b) whether it is true that Telangana has potential of generating 1100 MW of hydro power;**
- (c) if so, the details of hydro power being generated from Telangana so far; and**
- (d) the efforts made by the Government to exploit the maximum potential of Telangana in generating hydropower?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The power generated in the country, since 2014, year-wise is enclosed at Annexure-I.

(b) & (c) : As per study conducted by the Central Electricity Authority (CEA) during the period 2017-2023, the assessed hydropower potential of Telangana from major/medium schemes (i.e. schemes having capacity above 25 MW) is 1302 MW. Out of this, Hydro Electric Projects (HEPs) having a capacity of 800 MW have been developed so far, details of which are enclosed at Annexure-II.

(d) : Government of India has taken a number of policy measures to exploit the hydro power potential of the country, including Telangana. Some of the measures taken are as under:

- i. Declared Large Hydro Power (LHPs) (> 25 MW projects) as Renewable Energy source.**
- ii. Notification of Hydro Purchase Obligation (HPO).**
- iii. Waiver of Inter State Transmission System (ISTS) charges for Hydro Power Projects and Pumped Storage projects (PSPs).**
- iv. Tariff rationalization measures for bringing down the tariff.**
- v. Budgetary Support for Flood Moderation component of Hydro Power Projects.**
- vi. Budgetary Support for construction of Enabling Infrastructure, i.e. roads/bridges.**

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION
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YEAR WISE TOTAL GENERATION IN THE COUNTRY

Year	Total Generation (Billion Units)	Peak Met (GW)
2014-15	1110.4	141.2
2015-16	1173.6	148.5
2016-17	1241.7	156.9
2017-18	1308.1	160.8
2018-19	1376.1	175.5
2019-20	1389.1	182.5
2020-21	1381.9	189.4
2021-22	1491.9	200.4
2022-23	1624.5	207.2
2023-24 (upto-May 23)	287.9	221.4

**ANNEXURE REFERRED IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION
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DETAILS OF HEPs DEVELOPED IN TELANGANA

Sl. No.	Stations	Capacity (MW)
1	Priyadarshni Jurala	234
2	Pochampad	36
3	Nagarjuna Sagar	110
4	Nagarjuna Sagar LBC	60
5	Lower Jurala	240
6	Pulinchinthala	120
	TOTAL	800
