

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.884
ANSWERED ON 07.12.2023**

DEVELOPMENT OF HYDRO POWER PROJECTS

884. SHRI SUNIL KUMAR MONDAL:

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

- (a) whether the Government has established any new hydro power project or has developed the existing hydro power projects across the country especially in West Bengal during the last two years and the current year;**
- (b) if so, the details thereof along with action taken or being taken and futuristic plans made in this regard, State/UT-wise including West Bengal especially in Bardhaman Purba constituency; and**
- (c) if not, the reasons therefor?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : Four hydro electric projects and one Unit of Naitwar Mori totaling to 543 MW have been commissioned in the country during the last two years. State/UT-wise details are enclosed at Annexure-I. Further, 42 projects of about 18,000 MW are currently under construction. State/UT wise details are enclosed at Annexure-II.

No hydro electric project above 25 MW has been commissioned during the last 2 years in the state of West Bengal. However, Rammam-III project of 120 MW is currently under construction, Turga Pumped Storage Project of 1000 MW has been concurred by the Central Electricity Authority and is to be taken up for construction. Teesta Intermediate hydro project of 90 MW is under survey and investigation in the state of West Bengal.

The Government of India has taken various policy measures to address the issues faced by hydro projects, which would help in development of hydro power projects in the country, including in the state of West Bengal. Some of the measures taken are as under:

- i. Declaration of large hydro power projects (greater than 25 MW) as renewable energy source**
- ii. Notification of hydro purchase obligation**
- iii. Waiver of Inter State Transmission System charges for Hydro Power Projects and Pumped Storage projects**
- iv. Tariff rationalization measures for bringing down the tariff during the initial years**
- v. Budgetary support for flood moderation component of hydro power projects**
- vi. Budgetary support for construction of enabling infrastructure, i.e. roads/bridges**
- vii. Empanelment of Independent Engineer and Conciliation Committee of Independent Experts for resolution of contractual disputes in hydro power projects**
- viii. Issuance of guidelines on 10.04.2023 for promotion of Pumped Storage Projects**

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 884 ANSWERED IN THE LOK SABHA ON 07.12.2023

HYDRO CAPACITY ADDITION DURING THE YEAR 2021-22

Sl. No	Name of Project (Developer)	Sector	State	Unit No.	Capacity (MW)	Date of Commissioning
1	Rongnichu HEP (Madhya Bharat Corp. Ltd)	Private	Sikkim	1	56.5	25.06.2021
				2	56.5	30.06.2021
2	Sorang HEP (Himachal Sorang Power Corp. Ltd.)	Private	Himachal Pradesh	1	50	23.09.2021
				2	50	21.09.2021
3	Bajoli Holi HEP (GMR Bajoli Holi Hydro Power Pvt. Ltd)	Private	Himachal Pradesh	1	60	25.03.2022
				2	60	27.03.2022
				3	60	28.03.2022
Total: (2021-22)					393	

HYDRO CAPACITY ADDITION DURING THE YEAR 2022 - 23

Sl. No.	Name of Project (Developer)	Sector	State	Unit No.	Capacity (MW)	Date of Commissioning
4	Vyasi HEP (Uttarakhand Jal Vidyut Nigam Ltd)	State	Uttarakhand	1	60	24.05.2022
				2	60	22.04.2022
Total: (2022-23)					120	

HYDRO CAPACITY ADDITION DURING THE YEAR 2023 - 24

Sl. No.	Name of Project (Developer)	Sector	State	Unit No.	Capacity (MW)	Date of Commissioning
5	Naitwar Mori HEP (SJVN Ltd) (2X30 MW)	Central	Uttarakhand	1	30	24.11.2023
Total: (2023-24)					30	
Grand Total (2021-22 to 2023 -24-till Dec 23)					543	

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 884 ANSWERED IN THE LOK SABHA ON 07.12.2023

List of Hydro Electric Projects (above 25 MW) under construction			
Sl. No.	Name of Project (Executing Agency)	Sector	Capacity (MW)
Andhra Pradesh			
1	Polavaram (APGENCO/ Irrigation Dept., A.P.)	State	960
2	Lower Sileru Extension (APGENCO)	State	230
3	Pinnapuram (Greenko AP01 IREP Private Limited)	Private	1200
	Sub-total: Andhra Pradesh		2390
Arunachal Pradesh			
4	Subansiri Lower (NHPC)	Central	2000
5	Dibang Multipurpose Project (NHPC)	Central	2880
	Sub-total: Arunachal Pradesh		4880
Assam			
6	Lower Kopli (APGCL)	State	120
	Sub-total: Assam		120
Himachal Pradesh			
7	Parbati St. II (NHPC)	Central	800
8	Luhri-I (SJVN)	Central	210
9	Dhulasidh (SJVN)	Central	66
10	Sunni Dam (SJVN)	Central	382
11	Uhi-III (BVPCL)	State	100
12	Shongtong Karcham (HPPCL)	State	450
13	Chanju-III (HPPCL)	State	48
14	Tidong-I (Statkraft IPL)	Private	150
15	Kutehr (JSW Energy Ltd)	Private	240
16	Tangnu Romai (TRPG)	Private	44
	Sub-total: Himachal Pradesh		2490
Jammu & Kashmir			
17	Pakal Dul (CVPPPL)	Central	1000
18	Kiru (CVPPPL)	Central	624
19	Ratle (RHEPPL / NHPC)	Central	850
20	Kwar (CVPPPL)	Central	540
21	Parnai (JKSPDC)	State	38
22	Lower Kalnai (JKSPDC)	State	48
	Sub-total: Jammu & Kashmir		3100
Kerala			
23	Pallivasal (KSEB)	State	60
24	Thottiyar (KSEB)	State	40
25	Mankulam (KSEB)	State	40
	Sub-total: Kerala		140

Madhya Pradesh			
26	Maheshwar (SMHPCL)	Private	400
Sub-total: Madhya Pradesh			400
Maharashtra			
27	Koyna Left Bank (WRD,MAH)	State	80
Sub-total: Maharashtra			80
Punjab			
28	Shahpurkandi (PSPCL/ Irrigation Deptt., Pb.)	State	206
Sub-total: Punjab			206
Sikkim			
29	Teesta St. VI NHPC	Central	500
30	Rangit-IV (NHPC)	Central	120
31	Bhasmey (Gati Infrastructure)	Private	51
32	Rangit-II (Sikkim Hydro)	Private	66
33	Panan (Himagiri)	Private	300
Sub-total: Sikkim			1037
Tamil Nadu			
34	Kundah Pumped Storage Phase-I,II&III)	State	500
Sub-total: Tamil Nadu			500
Uttarakhand			
35	Vishnugad Pipalkoti (THDC)	Central	444
36*	Naitwar Mori (SJVNL)	Central	30
37	Tapovan Vishnugad (NTPC)	Central	520
38	Tehri PSS (THDC)	Central	1000
39	Lakhwar Multipurpose Project (UJVNL)	State	300
40	Lata Tapovan (NTPC)	Central	171
41	Phata Byung (LANCO)	Private	76
Sub-total: Uttarakhand			2541
West Bengal			
42	Rammam-III (NTPC)	Central	120
Sub-total: West Bengal			120
Total:			18004
* 1 unit (30 MW) of Naitwar Mori HEP has achieved its CoD on 24.11.23			
