

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2358
ANSWERED ON 03.08.2023**

HYDRO POWER PROJECTS

†2358. SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:

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

- (a) whether the Government has fixed any target for private investment in various hydro power projects in the country;**
- (b) if so, the details thereof;**
- (c) the details of pending hydro power projects in the country, State-wise; and**
- (d) the steps being taken by the Government in this regard?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d) : The Government of India is encouraging private investment in the power sector including hydro power sector. However, no specific targets have been fixed by the Government for private investment in hydro power projects in the country.

At present, 42 hydro power projects with an aggregate capacity of 18034 MW are under construction and 30 hydro power projects with an aggregate capacity of 21810 MW have received concurrence from the Central Electricity Authority (CEA) which can be taken up for construction. State wise details are attached at Annexure.

The Government of India has taken various policy measures to address the issues faced by hydro projects and improve their viability, which would help in development of the upcoming hydro power projects. 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 PARTS (a) TO (d) OF UNSTARRED QUESTION NO.2358 ANSWERED IN THE LOK SABHA ON 03.08.2023

As on 28.07.2023

A. State-wise list of Hydro Power Projects under construction

Sl. No.	Name of the Project	Sector	Developer	Installed Capacity (MW)
Andhra Pradesh				
1	Polavaram	State	APGENCO	960
2	Lower Sileru Extension	State	APGENCO	230
3	Pinnapuram	Private	Greenko	1200
			Sub-Total	2390
Arunachal Pradesh				
4	Subansiri Lower	Central	NHPC	2000
5	Dibang Mutipurpose Project	Central	NHPC	2880
			Sub-Total	4880
Assam				
6	Lower Kopli	State	APGCL	120
			Sub-Total	120
Himachal Pradesh				
7	Parbati St. II	Central	NHPC	800
8	Luhri-I	Central	SJVN	210
9	Dhaulasidh	Central	SJVN	66
10	Sunni Dam	Central	SJVN	382
11	Uhl-III	State	BVPCL	100
12	Shongtong Karcham	State	HPPCL	450
13	Chanju-III	State	HPPCL	48
14	Tidong-I	Private	Statkraft	150
15	Kutehr	Private	JSW Energy	240
16	Tangnu Romai	Private	TRPG	44
			Sub-Total	2490
UT of J&K				
17	Pakal Dul	Central	CVPPL	1000
18	Kiru	Central	CVPPL	624
19	Ratle	Central	RHEPPL	850
20	Kwar	Central	CVPPL	540
21	Parnai	State	JKSPDC	38
22	Lower Kalnai	State	JKSPDC	48
			Sub-Total	3100
Kerala				
23	Pallivasal	State	KSEB	60
24	Thottiyar	State	KSEB	40
25	Mankulam	State	KSEB	40
			Sub-Total	140

Sl. No.	Name of the Project	Sector	Developer	Installed Capacity (MW)
Madhya Pradesh				
26	Maheshwar	Private	SMHPCL	400
			Sub-Total	400
Maharashtra				
27	Koyna Left Bank	State	WRD	80
			Sub-Total	80
Punjab				
28	Shahpurkandi	State	PSPCL	206
			Sub-Total	206
Sikkim				
29	Teesta VI	Central	NHPC	500
30	Rangit-IV	Central	NHPC	120
31	Bhasmey	Private	Gati Infra	51
32	Rangit-II	Private	Sikkim Hydro	66
33	Panan	Private	Himagiri	300
			Sub-Total	1037
Tamil Nadu				
34	Kundah Pumped Storage	State	TANGEDCO	500
			Sub-Total	500
Uttarakhand				
35	Vishnugad Pipalkoti	Central	THDC	444
36	Naitwar Mori	Central	SJVN	60
37	Tapovan Vishnugad	Central	NTPC	520
38	Tehri PSS	Central	THDC	1000
39	Lakhwar Multipurpose Project	State	UJVNL	300
40	Lata Tapovan	Central	NTPC	171
41	Phata Byung	Private	LANCO	76
			Sub-Total	2571
West Bengal				
42	Rammam-III	Central	NTPC	120
			Sub-Total	120
Grand Total				18034

B. State-wise list of Hydro Power Projects concurred by Central Electricity Authority and can be taken up for construction

Sl. No.	Name of the Project	Sector	Developer	Installed Capacity (MW)
Sikkim				
1.	Teesta St-IV	Central	NHPC	520
			Sub-Total	520
Arunachal Pradesh				
2.	Tawang St-I	Central	NHPC	600
3.	Tawang St-II	Central	NHPC	800
4.	Hirong	Central	NEEPCO	500
5.	Naying	Central	NEEPCO	1000
6.	Nafra	Central	NEEPCO	120
7.	Lower Siang	Private	JAVL	2700
8.	Demwe Lower	Private	ADPL	1750
9.	Kalai-II	Private	Kalai PPL	1200
10.	Heo	Private	HHPPL	240
11.	Tato-I	Private	SHPPL	186
12.	Tato-II	Private	THPPL	700
13.	Talong Londa	Private	GLHPL	225
14.	Etalin	Private	EHEPCL	3097
15.	Attunli	Private	AHEPCL	680
			Sub-Total	13798
Meghalaya				
16.	Wah-Umiam Stage-III	Central	NEEPCO	85
			Sub-Total	85
Himachal Pradesh				
17.	Thana Plaun	State	HPPCL	191
18.	Dugar	Central	NHPC	500
19.	Chhatru	-	-	126
20.	Miyar	-	-	120
			Sub-Total	937
UT of J&K				
21.	Kirthai-II	JV	CVPPL	930
22.	Sawalkot	Central	NHPC	1856
23.	New Ganderwal	State	JKSPDC	93
24.	Uri-I Stage-II HE	Central	NHPC	240
			Sub-Total	3119
Uttarakhand				
25.	Kotlibhel Stage -IA	Central	NHPC	195
26.	Kotlibhel Stage-IB	Central	NHPC	320
27.	Alaknanda	Private	GMRL	300
			Sub-Total	815
West Bengal				
28.	Turga PSP	State	WBSEDCL	1000
			Sub-Total	1000
Nagaland				
29.	Dikhu	Private	NMPPL	186
			Sub-Total	186

Sl. No.	Name of the Project	Sector	Developer	Installed Capacity (MW)
Andhra Pradesh				
30.	Upper Sileru PSP	State	APGENCO	1350
			Sub-Total	1350
	Grand Total			21810
