

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1589
ANSWERED ON 05.08.2024

HYDROELECTRIC POWER PLANTS IN HIMACHAL PRADESH

1589 DR. SIKANDER KUMAR:

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

- (a) the number of hydroelectric power plants in Himachal Pradesh along with their capacity, and fuel-wise;
- (b) whether Government plans to undertake renovation of old hydro power plants;
- (c) if so, the status thereof along with the norms laid down in this regard; and
- (d) the measures taken by Government to modernise hydroelectric power plants in Himachal Pradesh?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : Presently, there are 29 Hydroelectric Power Plants with aggregate Installed Capacity of 10281 MW (capacity more than 25 MW) in Himachal Pradesh. The details are at **Annexure-I**. The details of installed capacity (other than Hydroelectric Power Plants of capacity more than 25 MW) in Himachal Pradesh is at **Annexure-II**.

(b) to (d) : Hydroelectric Power Plants Utilities in the country undertake Renovation & Modernisation (R&M) of old and inefficient generating units to improve efficiency, life extension of old plants and to augment capacity. In this regard, Central Electricity Authority (CEA) has published “Guidelines for Renovation & Modernisation of Hydro Power Stations” in July 2020. The status of R & M of Hydroelectric Power Plants in Himachal Pradesh are attached at **Annexure- III**.

ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION
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Sector-wise/Developer-wise Installed Capacity of Hydroelectric Power Plants in
Himachal Pradesh (capacity more than 25 MW Capacity)

Sl. No.	Utilities/Stations	Capacity (MW)
	Central Sector	
A	Bhakra Beas Management Board (BBMB)	
1	Bhakra Left	630
2	Bhakra Right	785
3	Dehar	990
4	Pong	396
	Sub-Total BBMB	2801
B	NHPC Limited	
5	Baira Siul	180
6	Chamera-I	540
7	Chamera-II	300
8	Chamera-III	231
9	Parbati-III	520
	Sub-Total NHPC	1771
C	SJVN Limited	
10	Nathpa Jhakri	1500
11	Rampur	412
	Sub-Total SJVNL	1912
D	NTPC Limited	
12	Koldam	800
	Sub-Total NTPC	800
	Total Central Sector	7284
State Sector		
A	Himachal Pradesh State Electricity Board Limited (HPSEBL)	
1	Bassi	66
2	Giri Bata	60
3	Larji	126
4	Sanjay	120
	Sub-Total HPSEBL	372
B	Himachal Pradesh Power Corporation Limited (HPPCL)	
5	Integrated Kashang	195
6	Sainj	100
7	Sawra Kuddu	111
	Sub-Total HPPCL	406
C	Punjab State Power Corporation Limited (PSPCL)	
8	Shanan	110
	Sub-Total PSPCL	110
	Total State Sector	888

Private Sector		
A	Malana Power Company Limited (MPCL)	
1	Malana	86
B	Greenko Budhil Hydro Power Private Limited (GBHPPL)	
2	Budhil	70
C	Everest Power Private Limited (EPPL)	
3	Malana-II	100
D	IA Energy Private Limited (IA Energy)	
4	Chanju-I	36
E	AD Hydro Power Limited (ADHPL)	
5	Allain Duhangan	192
F	Himachal Baspa Power Company Limited (HBPCL)	
6	Baspa	300
G	JSW Energy	
7	Karcham Wangtoo	1045
H	Himachal Sorang Power Pvt. Ltd. (HSPPL)	
8	Sorang	100
I	GMR Energy Ltd. (GMR)	
9	Bajoli Holi	180
	Total Private Sector	2109
	Grand Total	10281

ANNEXURE-II

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1589
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**Installed capacity (other than hydro power [capacity more than 25 MW])
in Himachal Pradesh**

(As on 30.06.2024)

Renewable Energy Sources (RES)*		Installed Capacity (MW)
Small Hydro Power		970
Bio-Power	Biomass Cogeneration (Non-Bagasse)	9
	Waste to Energy (Off-grid)	1
	Bio-Power Total	10
Solar Power	Ground Mounted Solar	74
	PM-Surya Ghar Yojna	20
	Off-grid Solar/ KUSUM	35
	Solar Power Total	129
Total Capacity of RES		1248

*Source: MNRE website.

There is no Thermal (Coal, Lignite, Gas, Diesel) and Nuclear Power Plant under operation in Himachal Pradesh.

ANNEXURE-III

ANNEXURE REFERRED IN REPLY TO PARTS (b) TO (d) OF UNSTARRED QUESTION NO. 1589 ANSWERED IN THE RAJYA SABHA ON 05.08.2024

Status of Renovation & Modernisation of Hydroelectric Power Plants in Himachal Pradesh

Sr. No.	Name of Project, Organization	Installed Capacity (in MW)	Completion Schedule
1.	Giri HEP, HPSEBL.	60	2025-26
2.	Pong Power House, BBMB.	396	2028-29
