

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1962
TO BE ANSWERED ON 05.05.2016**

HYDRO POWER GENERATION

**†1962. SHRIMATI VEENA DEVI:
SHRI R. GOPALAKRISHNAN:**

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

- (a) whether vast potential is available for generating hydro electric power in the country;**
- (b) if so, the details thereof, State-wise;**
- (c) whether the Government has fixed any target for increasing power generation capacity in hydro-electric sector in the country during the current five year plan;**
- (d) if so, the details of the target fixed and the steps being taken to achieve the targets;**
- (e) whether there is any proposal for setting up of new hydro projects and for renovating/refurbishing the existing hydro projects in the country; and**
- (f) if so, the details thereof and if not, the reasons therefor?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL AND NEW & RENEWABLE ENERGY**

(SHRI PIYUSH GOYAL)

(a) & (b) : As per the assessment done by the Central Electricity Authority (CEA), the identified hydro power potential of the country has been estimated as 1,48,701 MW (1,45,320 MW above 25 MW). The State-wise details are given in the Annex.

(c) & (d) : During the current Five Year Plan (2012-17), a target has been fixed for hydro capacity addition of 10,897 MW as per details given below:-

Central Sector	-	6004 MW
State Sector	-	2808 MW
Private Sector	-	<u>2085 MW</u>
Total	-	<u>10897 MW</u>

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In order to coordinate the country's hydro capacity addition programme and to ensure that targets are achieved, progress of ongoing hydro projects are reviewed regularly at the level of CEA and the Ministry of Power also monitors the progress of these projects.

(e) & (f) : 47 new Hydro Electric Projects (above 25 MW) totalling 13,502 MW are presently under construction in the country. During the XII Plan, a total of 22 hydro Renovation & Modernisation Schemes (2 in Central Sector and 20 in State Sector) having an installed capacity of about 3042 MW through uprating, life extension and restoration are expected to be completed at an estimated cost of about Rs.1353 Crores.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1962 TO BE ANSWERED IN THE LOK SABHA ON 05.05.2016.

STATUS OF HYDRO ELECTRIC POTENTIAL AS ON 31.03.2016

Region / State	Identified Capacity as per reassessment study	
	Total(MW)	Above 25 MW
NORTHERN		
Jammu & Kashmir	14146	13543
Himachal Pradesh	18820	18540
Punjab	971	971
Haryana	64	64
Rajasthan	496	483
Uttarakhand	18175	17998
Uttar Pradesh	723	664
Sub Total (NR)	53395	52263
WESTERN		
Madhya Pradesh.	2243	1970
Chhattisgarh	2242	2202
Gujarat	619	590
Maharashtra	3769	3314
Goa	55	55
Sub Total (WR)	8928	8131
SOUTHERN		
Andhra Pradesh	2366	2341
Telangana	2058	2019
Karnataka	6602	6459
Kerala	3514	3378
Tamil Nadu	1918	1693
Sub Total (SR)	16458	15890
EASTERN		
Jharkhand	753	582
Bihar	70	40
Odisha	2999	2981
West Bengal	2841	2829
Sikkim	4286	4248
Sub Total (ER)	10949	10680
NORTH EASTERN		
Meghalaya	2394	2298
Tripura	15	0
Manipur	1784	1761
Assam	680	650
Nagaland	1574	1452
Arunachal Pd	50328	50064
Mizoram	2196	2131
Sub Total (NER)	58971	58356
ALL INDIA	148701	145320
