

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA
REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 3602
ANSWERED ON 24.03.2022
STUDY ON DAM SAFETY

3602. SHRI Y.S. AVINASH REDDY

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) whether the Government has conducted any study on dam safety in the country;
- (b) if so, the details thereof and the strength of ageold dams in the country, State-wise;
- (c) whether any periodical verification is being carried out on the safety of check dams in the State of Andhra Pradesh, if so, the details thereof; and
- (d) the steps taken by the Government in this regard?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) & (b) Responsibility for safety of dams, including its operation and maintenance, rests primarily with dam owners, which are mostly the State Governments and Central/State Public Sector Units. Details regarding dam safety assessment, maintenance, repair and renovations are available with the concerned dam owners. Further, generally dam owners themselves carry out the safety audit (in terms of periodical pre-monsoon and post-monsoon inspection) of their dams. Some States have also constituted the Dam Safety Review Panel for comprehensive inspection of their dams.

Under the World Bank funded Dam Rehabilitation and Improvement Project (DRIP) Phase-I programme implemented during April 2012 to March 2021, 223 existing large dams located in 7 States have been comprehensively audited and rehabilitated at a cost of Rs. 2,567 crore. Further, as part of preparatory activities for DRIP Phase-II & III, comprehensive safety inspections of 351 large dams have been conducted by the Dam Safety Review Panels. State-wise details in this regard are placed at **Annexure-I**. In addition, as per National Register of Large Dams 2019 compiled by the Central Water Commission under this Ministry, there are 227 numbers of operational large dams in the country which are more than 100 years old (i.e., constructed in or before 1921). State-wise list of these 100 years old dams is placed at **Annexure-II**.

(c) & (d) Water being a State subject, construction, operation and maintenance of water resources projects including check dams is primarily States' responsibility. The information related to number of check dams, their functionality and their upkeep etc. lies with the respective State Governments.

ANNEXURE – I**ANNEXURE AS REFERRED TO IN PART (a) & (b) OF REPLY OF LOK SABHA USQ NO. 3602 FOR ANSWER ON 24.03.2022 REGARDING “STUDY ON DAM SAFETY”****State-wise details of Dam Safety Review Panel (DSRP) Inspections of Dams carried out in Dam Rehabilitation and Improvement Projects (DRIP) I and II & III**

Sl.No.	State / Agency		No. of DSRP inspections	
			Under DRIP I	Under DRIP II & III
1.	Andhra Pradesh		-	7
2.	Chhattisgarh		-	15
3.	Goa		-	-
4.	Gujarat		-	7
5.	Jharkhand		-	2
6.	Karnataka		22	11
7.	Kerala	WRD	16	25
		KSEB	37	
8.	Madhya Pradesh		25	25
9.	Maharashtra		-	12
10.	Manipur		-	5
11.	Meghalaya		-	4
12.	Odisha		26	21
13.	Punjab		-	4
14.	Rajasthan		-	119
15.	Tamil Nadu	WRD	69	11
		TANGEDCO	20	25
16.	Telangana		-	2
17.	Uttar Pradesh		-	29
18.	Uttarakhand		5	6
19.	West Bengal		-	11
20.	BBMB		-	4
21.	DVC		3	6
Total			223	351

ANNEXURE – II**ANNEXURE AS REFERRED TO IN PART (a) & (b) OF REPLY OF LOK SABHA USQ NO. 3602 FOR ANSWER ON 24.03.2022 REGARDING “STUDY ON DAM SAFETY”****State wise list of 100 years Old Dams as per National Register of Large Dams (NRLD) 2019**

S.N.	State/UT	Total No. of Constructed Large Dams	No. of large dams more than 100 years old (constructed in or before 1921)
1.	Adman and Nicobar	2	-
2.	Andhra Pradesh	149	5
3.	Arunachal Pradesh	1	-
4.	Assam	3	-
5.	Bihar	24	1
6.	Chhattisgarh	249	7
7.	Goa	5	-
8.	Gujarat	620	30
9.	Haryana	1	-
10.	Himachal Pradesh	19	0
11.	Jammu and Kashmir	15	0
12.	Jharkhand	55	0
13.	Karnataka	230	15
14.	Kerala	61	1
15.	Madhya Pradesh	899	62
16.	Maharashtra	2117	42
17.	Manipur	3	-
18.	Meghalaya	8	0
19.	Mizoram	1	-
20.	Nagaland	1	-
21.	Odisha	200	3
22.	Punjab	14	0
23.	Rajasthan	204	25
24.	Sikkim	2	-
25.	Tamil Nadu	118	1
26.	Tripura	1	-
27.	Uttar Pradesh	117	17
28.	Uttarakhand	17	0
29.	West Bengal	30	0
30.	Telangana	168	18
	Total	5334	227
