

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2245**  
ANSWERED ON 10.03.2016

**CONSTRUCTION AND RENOVATION OF DAMS**

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Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) the number of large, medium and small dams constructed/to be constructed in the country, State/UT-wise;
- (b) whether the Government is aware that certain large dams which are over 25 years old and require urgent renovation rehabilitation to ensure their safety and operational efficiency, if so, the details thereof, State/UT-wise;
- (c) whether the Government has asked the States to identify such dams and take appropriate action to ensure their safety and operational performance, if so, the details thereof; and
- (d) whether the Government proposes to bring a bill mandating their regular inspection, maintenance and rehabilitation, if so, the details thereof and the time schedule fixed in this regard?

**ANSWER**

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

(PROF. SANWAR LAL JAT)

(a) Central Water Commission (CWC) maintains a database of large dams under the name of National Register of Large Dams (NRLD). As per NRLD, presently the total number of large Dams in the country is **5174** out of which, **4862** dams are completed and **312** dams are under construction. State/UT-wise details are at **Annexure-I & II** respectively.

(b) The dam owners, who are mostly the State Governments, are responsible for safety of dams. As per National Register of Large Dams, of the completed dams, there are 3658 dams which are more than 25 years old. There is no fixed criterion as 25 years of age to require urgent rehabilitation. State wise distribution of more than 25 years old dams is given at **Annexure-III**.

(c) A National Committee on Dam Safety (NCDS) headed by Chairman, Central Water Commission and having representation from States with significant number of large dams has been constituted by this Ministry. State Governments have also been advised to establish a dam safety cell for regular inspection of dams. NCDS also guides States/Dam owners on the measures to be undertaken to ensure their safety and operational performance. In the year 2008, the States were requested to identify projects for undertaking rehabilitation of dams. CWC received proposals from 13 states, viz, Bihar, Gujarat, Maharashtra, Uttar Pradesh, Andhra Pradesh, Jharkhand, Uttarakhand, West Bengal, Chhattisgarh, Madhya Pradesh, Orissa, Kerala and Tamil Nadu for participation in the “Dam Rehabilitation and Improvement Project (DRIP)” taken up with World Bank assistance for rehabilitation of existing dams. The World Bank DRIP Preparation Mission visited India and held discussions with CWC and interested States. At present, 225 dams have been included for rehabilitation under DRIP in 7 States viz. Kerala, Odisha, Madhya Pradesh, Karnataka, Jharkhand (Damodar Valley Corporation) and Uttarakhand (Uttarakhand Jal Vidyut Nigam Ltd).

(d) A comprehensive Draft Dam Safety Bill to provide for proper surveillance, inspection, operation and maintenance of all dams in India was prepared and circulated to the State Governments, earlier for comments. Accordingly, the proposal for enactment of dam safety legislation under article 252 of the Constitution as approved was introduced in 15<sup>th</sup> Lok Sabha. The same was referred to the Parliamentary Standing Committee on Water Resources on 9<sup>th</sup> September, 2010 for examination. The Dam Safety Bill 2010 introduced in 15<sup>th</sup> Lok Sabha lapsed with the dissolution of the 15<sup>th</sup> Lok Sabha.

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Annexure referred to in reply to part (a) of Lok Sabha Unstarred Question No. 2245 due for answer on 10.03.2016 regarding Construction and Renovation of Dams.

**Number of completed dams state wise as per National Register of Large Dams (NRLD)**

<b>Sl.No.</b>	<b>Name of state</b>	<b>No. of Dams as per NRLD</b>
1	Andaman & Nicobar	2
2	Andhra Pradesh	127
3	Arunachal Pradesh	1
4	Assam	3
5	Bihar	24
6	Chhattisgarh	248
7	Goa	5
8	Gujarat	619
9	Himachal Pradesh	19
10	Haryana	1
11	Jammu & Kashmir	14
12	Jharkhand	50
13	Karnataka	230
14	Kerala	61
15	Madhya Pradesh	898
16	Maharashtra	1693
17	Manipur	3
18	Meghalaya	8
20	Nagaland	1
21	Odisha	199
22	Punjab	14
23	Rajasthan	201
24	Sikkim	2
25	Tamil Nadu	116
26	Telangana	162
27	Tripura	1
28	Uttara Pradesh	115
29	Uttarakhand	16
30	West Bengal	29
	<b>TOTAL</b>	<b>4862</b>

Annexure referred to in reply to part (a) of Lok Sabha Unstarred Question No. 2245 due for answer on 10.03.2016 regarding Construction and Renovation of Dams.

**Number of under construction large dams state wise as per National Register of Large Dams (NRLD)**

<b>Sl.No.</b>	<b>Name of state</b>	<b>No. of Dams as per NRLD</b>
1	Andhra Pradesh	24
2	Arunachal Pradesh	3
3	Assam	1
4	Bihar	2
5	Chhattisgarh	10
6	Gujarat	13
7	Himachal Pradesh	1
8	Jammu & Kashmir	3
9	Jharkhand	29
10	Karnataka	1
11	Kerala	1
12	Madhya Pradesh	8
13	Maharashtra	152
14	Manipur	1
15	Mizoram	1
16	Odisha	5
17	Punjab	2
18	Rajasthan	10
19	Telangana	20
20	Uttara Pradesh	15
21	Uttarakhand	9
22	West Bengal	1
	<b>TOTAL</b>	<b>312</b>

Annexure referred to in reply to part (b) of Lok Sabha Unstarred Question No. 2245 due for answer on 10.03.2016 regarding Construction and Renovation of Dams.

**List of 25 years old Large Dams up to, December, 2015 as per NRLD (data received from State/Dam Authorities)**

Sl.no.	Name of state	Total no. of dams
1	Andaman & Nicobar	1
2	Andhra Pradesh	62
3	Assam	2
4	Bihar	20
5	Chhattisgarh	179
6	Goa	3
7	Gujarat	513
8	Himachal Pradesh	4
9	Jammu & Kashmir	4
10	Jharkhand	47
11	Karnataka	183
12	Kerala	47
13	Madhya Pradesh	711
14	Maharashtra	1273
15	Manipur	1
16	Meghalaya	5
17	Odisha	148
18	Punjab	5
19	Rajasthan	152
20	Tamil Nadu	89
21	Telangana	74
22	Tripura	1
23	Uttar Pradesh	101
24	Uttarakhand	11
25	West Bengal	22
	<b>Total Large dams</b>	<b>3658</b>