

**GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA 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 GANAGA 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 15th Lok Sabha. The same was referred to the Parliamentary Standing Committee on Water Resources on 9th September, 2010 for examination. The Dam Safety Bill 2010 introduced in 15th Lok Sabha lapsed with the dissolution of the 15th Lok Sabha.

Annexure-I

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)

Sl.No. Name of state No. of Dams as per NRLD

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
 TOTAL 4862

Annexure-II

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)

Sl.No. Name of state No. of Dams as per NRLD

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
 TOTAL 312

Annexure-III

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
Total Large dams 3658