

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 4627
ANSWERED ON 15.12.2016

AUDIT OF IRRIGATION PROJECTS/DAMS

4627. SHRIMATI RAKSHATAI KHADSE

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

- (a) whether the Government proposes to bring irrigation projects/dams older than 20 years under social and economic audit, if so, the details and the purpose thereof;
- (b) whether the Government has prepared a list in this regard, if so, the Statewise details thereof along with the time schedule fixed for their audit;
- (c) whether the drought prone areas are to be prioritized for the purpose; and
- (d) if so, the details thereof?

ANSWER

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

(DR. SANJEEV KUMAR BALYAN)

(a) to (d) Central Water Commission (CWC) carries out Post Project Performance Evaluation Studies and Water Use Efficiency Studies of completed major / medium irrigation projects to identify deficiencies and recommend measures for improving the performance of the projects to achieve envisaged objectives and targeted benefits. The scope of the studies, inter-alia, includes evaluation of system performance, agro-economic, socio-economic and economic analysis of the project. The projects which have completed at least 5 years of operation are selected for the study based on gap between Irrigation Potential Created & Utilization as well as the potential for drought proofing. CWC has completed Performance Evaluation Studies of 131 projects as listed at **Annexure-1**. Post Projects Performance Evaluation Studies of 6 projects are at various stages of study and the details are at **Annexure-2**. In addition, Water Use Efficiency Studies have been completed for 35 projects(**Annexure-3**).

**Annexure referred to in reply to parts (a) to (d) of Lok Sabha Un-starred Question No 4627 on
Audit of Irrigation Projects/Dams for answer on 15.12.2016**

List of completed Post Project Performance Evaluation Studies

S. No.	Project	State
1	Gajuladinne Medium Project	Andhra Pradesh
2	Gandipalem Project	Andhra Pradesh
3	Godavari Delta	Andhra Pradesh
4	Godavari Delta Region - Socio-economic and agro-economic survey	Andhra Pradesh
5	NagarjunaSagar Project	Andhra Pradesh
6	Sriramsagar	Andhra Pradesh
7	Dihand dam project - Evaluation of the role of on social and economic conditions in Arunachal Pradesh	Arunachal Pradesh
8	Bordikarai irrigation - Report on post-facto evaluation scheme	Assam
9	Jamuna Project	Assam
10	Kaldiya Project	Assam
11	Kaliabor Project	Assam
12	Sukla Irrigation Project	Assam
13	Badua Reservoir project - Post facto study	Bihar
14	Chandan reservoir project - Post facto study	Bihar
15	Durgawati irrigation project (OLD) - Post facto study	Bihar
16	Eastern Kosi Canal Project	Bihar
17	Gobai irrigation project - Post facto evaluation study	Bihar
18	Kamla irrigation project - Post facto study	Bihar
19	Kiul irrigation project - Post facto study of lower	Bihar
20	Kohira Project	Bihar
21	Kohira reservoir project - Post facto study	Bihar
22	Kosi CAD programme - Evaluation study	Bihar
23	Kosi Project	Bihar
24	Lower Morhar irrigation project - Post facto study	Bihar
25	Mayurakshi irrigation project - Post facto study	Bihar
26	Musakhand (Karmnasa) Irrigation project - Post facto study	Bihar
27	Oria-Danro reservoir project - Post facto study	Bihar
28	Palna reservoir - Post facto evaluation study	Bihar
29	Paras irrigation project - Post facto study	Bihar
30	Sakri irrigation project - Post facto study	Bihar
31	Upper Morhar irrigation project - Post facto study	Bihar
32	Chandan Reservoir Project - PES	Bihar
33	Aji-II irrigation project socio-economic survey of command area Rajkot Distrt	Gujarat
34	Bhadar – Modernisation of Medium irrigation project study of socio-economic aspects and irrigation management	Gujarat
35	Bhadar irrigation project panchmahal and KhedaDistt.	Gujarat
36	Bhadar(P), Gujarat	Gujarat
37	Damanganga	Gujarat
38	Damanganga irrigation project socio-economic study of command area	Gujarat
39	Dantiwada	Gujarat

S. No.	Project	State
40	Dantiwada project – A case study towards evolving criteria for planning and design of irrigation system	Gujarat
41	Demi-II irrigation project, socio-economic survey of command area Rajkot district	Gujarat
42	Deo Irrigation Project	Gujarat
43	Dharoi project – Evaluation studies for command area development programme, Gujarat	Gujarat
44	Dharvi Project	Gujarat
45	Hadaf Irrigation project, socio-economic survey of command area Panchmahals	Gujarat
46	Jhuj irrigation project socio-economic survey of command area Valsad&Surat	Gujarat
47	Kalubhar irrigation project, Bhavnagar Distt.	Gujarat
48	Karjan command area – A socio-economic study	Gujarat
49	Kelia Irrigation project, socio-economic survey of command area Valsad	Gujarat
50	Kharicut	Gujarat
51	Kharicut medium irrigation project – An impact evaluation of within the perspective of modernisation	Gujarat
52	Machhu-I	Gujarat
53	Machhu-I irrigation project socio-economic cum efficiency study	Gujarat
54	Machhu-II	Gujarat
55	Madhavpur and UNA – Socio-economic survey in south coast of saurashtra affected by ingress of salinity	Gujarat
56	Mazam irrigation project, Sabarkantha district	Gujarat
57	ModernisationBhadar	Gujarat
58	Shetrunji – Modernisation of Medium Irrigation Project,	Gujarat
59	Sipu irrigation project socio-economic survey of command area Banaskantha District	Gujarat
60	Sukhbhadar irrigation project socio-economic survey of command area, Bhavnagar	Gujarat
61	Sukhi irrigation project, socio-economic survey of command area Vadodara	Gujarat
62	Uben&Machhundri	Gujarat
63	Uren irrigation project, Socio-economic survey of command area, Junagadh& Rajkot	Gujarat
64	Zankhari Irrigation project socio-economic survey of command area Surat	Gujarat
65	UkaiKakrapar	Gujarat
66	Evaluation report on the effect of augmentation tubewells on private tubewells in district Karnal	Haryana
67	Evaluation report on the working of augmentation tubewells installed along the augmentation canal	Haryana
68	Evaluation study of lining of water courses in Haryana	Haryana
69	Evaluation study of the working of direct irrigation tubewells in Haryana	Haryana
70	Gurgaon canal system – A performance evaluation	Haryana
71	JLN – Evaluation studies for command area development programme	Haryana
72	Jui canal command area – Evaluation study of command area development programme	Haryana
73	Siwani lift irrigation project – Evaluation study, Haryana	Haryana

S. No.	Project	State
74	Balh valley	Himachal Pradesh
75	Girni	Himachal Pradesh
76	Kanchi weir Irrigation Project	Jharkhand
77	Malaprabha project – Evaluation study for command area development programme	Karnataka
78	Upper Mullamari Project	Karnataka
79	Cheerakuzhi Project	Kerala
80	Neyyar and Malampuzha irrigation project – Evaluation of the impact of CADA	Kerala
81	Pazhassi Project	Kerala
82	Barna Project	Madhya Pradesh
83	Barnai – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
84	Bundala – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
85	Chandora – Report on socio-economic of medium irrigation project	Madhya Pradesh
86	Chhirpani – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
87	Choral – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
88	Ghunghutta – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
89	Gomukh – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
90	HasdeoBango Project	Madhya Pradesh
91	Kanhargaon – Report on socio-economic survey of medium irrigation project	Madhya Pradesh
92	Tawa Irrigation Project	Madhya Pradesh
93	Samrat Ashok Sagar Irrigation Project	Madhya Pradesh
94	BOR irrigation project - Performance evaluation report	Maharashtra
95	Kukadi Project	Maharashtra
96	Mula irrigation project - Evaluation studies	Maharashtra
97	NeeraPraveera	Maharashtra
98	Nirgudi irrigation scheme - Diagnostic analysis	Maharashtra
99	Ozarked project - Report on Bench Mark socio-economic survey	Maharashtra
100	Palkhed command area - Socio-economic changes	Maharashtra
101	Pench Project	Maharashtra
102	Shahnoor Project	Maharashtra
103	Surya Project	Maharashtra
104	Waghad project - Report on bench mark socio-economic survey	Maharashtra
105	Itiadoh Irrigation Project,	Maharashtra
106	Loktak Lift Irrigation Project	Manipur
107	Salia Project	Orissa
108	Sunei Project	Orissa
109	Salki Irrigation Project	Orissa
110	Sidhwan Branch Irrigation System	Punjab
111	Sirhind Feeder canal	Punjab
112	Chambal - Evaluation study for command area development programme	Rajasthan
113	Harish Chandra Sagar Project	Rajasthan

S. No.	Project	State
114	Rajasthan canal (Indira Gandhi Nahar Project)	Rajasthan
115	Surwal Project	Rajasthan
116	Indira Gandhi Nahar Canal	Rajasthan
117	Kota Barrage	Rajasthan
118	Lower Bhawani project - Performance evaluation	Tamil Nadu
119	ParambikulamAliyar Project - Evaluation Study on the Irrigation Development	Tamil Nadu
120	PariyarVaigai Project	Tamil Nadu
121	Kodayar Irrigation Project	Tamil Nadu
122	Augasi Canal Project	Uttar Pradesh
123	Kanpur Branch Canal	Uttar Pradesh
124	Saryu Pump Canal Project	Uttar Pradesh
125	Shahzad Dam project	Uttar Pradesh
126	Sharda canal project-Evaluation of command area development	Uttar Pradesh
127	Study of water rates for irrigation Ramganga, ShardaSahayak, Gandak	Uttar Pradesh
128	Nanak Sagar Irrigation Project	Uttar Pradesh
129	Kangsabati Project	West Bengal
130	Karotowa Project	West Bengal
131	Mayurakshi – Evaluation study for CAD programme	West Bengal

**Annexure referred to in reply to parts (a) to (d) of Lok Sabha Un-starred Question No 4627 on
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List of ongoing Post Project Performance Evaluation Studies

S. No.	Project	State
1	Bhimsagar Irrigation Project	Rajasthan
2	SomKamlaAmba Irrigation Project	Rajasthan
3	Salandi Irrigation Project	Odisha
4	Jayakwadi Stage-I Irrigation Project	Maharashtra
5	Krinshnagiri reservoir Irrigation Project	Tamil Nadu
6	Giri Irrigation Project	Himachal Pradesh

**Annexure referred to in reply to parts (a) to (d) of Lok Sabha Un-starred Question No 4627 on
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List of completed Water Use Efficiency Studies

Sl No	Name of Project	State
1	KoilSagar Project	Andhra Pradesh
2	Bhairavanithippa Project	Andhra Pradesh
3	Augmentation Canal Project	Haryana
4	Matatila Dam Project	Uttar Pradesh
5	Eastern sone canal	Bihar
6	Vamsadhara Project	Andhra Pradesh
7	Durgawathi Irrigation Project	Bihar
8	Dholabaha Dam Project	Punjab
9	Kamla Irrigation Project	Bihar
10	Naugarh Dam Irrigation Project	Uttar Pradesh
11	Ahraura Dam Irrigation Project	Uttar Pradesh
12	Tungabhadra High Level Canal	Andhra Pradesh
13	Godavari Delta System (Sir Arthur Cotton Barrage)	Andhra Pradesh
14	Sri Ram Sagar Project	Andhra Pradesh
15	Rajolibanda Diversion Scheme	Andhra Pradesh
16	East Baigul Reservoir Project	Uttar Pradesh
17	Krishna Delta System (Prakasam Barrage)	Andhra Pradesh
18	Nizamsagar Project	Andhra Pradesh
19	WalmikiSarovar Project	Uttar Pradesh
20	Pili Dam Project	Uttar Pradesh
21	RanjitSagar Dam Project	Punjab
22	Tungabhadra Low Level Canal	Andhra Pradesh
23	Saran Canal Irrigation Project	Bihar
24	Upper Morhar	Bihar
25	Kurnool –Cuddapah Canal System	Andhra Pradesh
26	Gandipalem Project	Andhra Pradesh
27	Gajuladinne (SanjeevaiahSagar Project)	Andhra Pradesh
28	NagarjunaSagar Project	Andhra Pradesh
29	Somasila Project	Andhra Pradesh
30	Kaddam Project	Andhra Pradesh
31	Srisaillam Project	Andhra Pradesh
32	Narayanapuram Project	Andhra Pradesh
33	Yeleru Project	Andhra Pradesh
34	Nagal Lift Project	Haryana
35	Upper Manair Project	Andhra Pradesh