

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 5384**  
ANSWERED ON 25.07.2019

**IRRIGATION POTENTIAL**

5384. SHRI SUDHEER GUPTA                      SHRI DHAIRYASHEEL SAMABHAJIRAO MANE  
SHRI GAJANAN KIRTIKAR                      SHRI BIDYUT BARAN MAHATO

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details of existing irrigation potential/capacity in each State/UT of the country at present;
- (b) whether the Government is aware that there is a big gap between irrigation potential/capacity and its utilization;
- (c) if so, the details thereof, State/UTwise along with the reasons therefor;
- (d) the details of proposals received to bridge the gap by enhancing irrigation potential/capacity during each of the last three years and the current year, State/UTwise along with the action taken by the Government thereon by indicating the extent of increase in irrigation potential/ capacity as a result of the same; and
- (e) the quantum of funds allocated/ released/utilised for the purpose during the said period, State/UT-wise?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(a) The details of the ultimate irrigation potential and irrigation potential created as per information furnished by State Governments are given at **Annexure-I**.

(b) to (e) The Government is aware that there is gap between irrigation potential created and utilized. The reasons for the gap includes, adoption of cropping pattern different from the envisaged pattern in the project design, less inflow received in dam due to interception in catchment area or due to reduction in rainfall, water allocation for non-irrigation purpose, condition of the main canal and distribution system becomes not hydraulically unfit, non-existence/improper maintenance of water conveyances systems & field channels, change in Culturable Command Area (CCA), unauthorized utilization etc.

Irrigation being a State subject, projects are planned, executed and operated by the State Governments themselves from their own resources as per their own priority and availability of funds. To supplement the efforts of the State Governments the Govt. of India provides technical and financial support under the Accelerated Irrigation Benefits Programme (AIBP) for speedy completion of irrigation projects and Command Area Development and Water Management (CADWM) Programme to improve and achieve maximum utilization of irrigation potential created. Both AIBP & CADWM are subsumed within Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) launched in 2015 with the motto of 'Har Khet Ko Pani' ensuring access to some means of protective irrigation to all agricultural farms in the country. To expedite completion, 99 (106 including phases) projects under AIBP are prioritized and the CADWM Programme corresponding to these prioritized irrigation projects are implemented. The CADWM Programme being implemented *pari passu* the prioritized irrigation projects is to bridge the gap between Irrigation Potential Created and Irrigation Potential Utilized.

The details of CA released in 2016-17, 2017-18 & 2018-19 for the prioritized irrigation projects are given at **Annexure-II** and details of CA released in 2016-17, 2017-18 & 2018-19 for CADWM are given at **Annexure-III**.

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Annexure referred to in reply to part (a) of Unstarred Question No. 5384 to be answered in Lok Sabha on 25.07.2019 regarding "Irrigation potential"

**Details of Ultimate Irrigation Potential (UIP) and Irrigation Potential Created (IPC)**

Potential in Th. Hectars ('000 Ha)			
S.No.	State	Total UIP	IPC upto August 2018
1	2	3	4
1	Andhra Pradesh	11.26	7.57
	Telangana		
2	Arunachal Pradesh	0.17	0.15
3	Assam	2.87	1.20
4	Bihar	10.89	8.73
5	Chhattisgarh	1.72	2.70
6	Goa	0.12	0.08
7	Gujarat	6.10	4.82
8	Haryana	4.50	3.99
9	Himachal Pradesh	0.35	0.25
10	Jammu Kashmir	1.36	1.88
11	Jharkhand	2.46	1.25
12	Karnataka	5.97	3.16
13	Kerala	2.68	3.45
14	Madhya Pradesh	16.21	2.64
15	Maharastra	8.95	7.54
16	Manipur	0.60	0.23
17	Meghalaya	0.17	0.08
18	Mizoram	0.07	0.04
19	Nagaland	0.09	0.12
20	Odisha	8.80	4.14
21	Punjab	5.97	6.16
22	Rajasthan	5.13	5.68
23	Sikkim	0.07	0.04
24	Tamilnadu	5.53	5.86
26	Tripura	0.28	0.19
27	Uttar pradesh	29.64	33.59
28	Uttarakhand	0.86	0.94
29	West Bangal	6.92	6.05
	<b>Union Territories</b>	0.14	0.06
	<b>All India Total</b>	<b>139.89</b>	<b>112.57</b>

**Annexure - II**

Annexure referred to in reply to parts (b) to (e) of Unstarred Question No. 5384 to be answered in Lok Sabha on 25.07.2019 regarding "Irrigation potential"

**Details of projects under prioritized Accelerated Irrigation Benefit Programme (AIBP) under PMKSY and Central Assistance released for the years 2016-17, 2017-18 and 2018-19**

(Rs. in crore)

State	Sl. No	Project	2016-17	2017-18	2018-19
Andhra Pradesh	1	Gundlakamma	0.00	11.79	0.00
	2	Tadipudi LIS	0.00	0.00	0.00
	3	Thotapally	0.00	0.00	0.00
	4	TarakaramTeertasagaram	0.00	3.45	0.00
	5	Musurumilli	7.40	0.00	0.00
	6	Pushkara LIS	0.00	0.00	0.00
	7	Yerracalva	0.00	0.00	0.00
	8	Maddigedda	0.00	0.00	0.00
Total			7.40	15.24	0.00
Assam	1	Dhansiri	0.00	0.00	0.00
	2	Champamati	0.00	0.00	0.00
	3	Borolia	0.00	0.00	0.00
Total			0.00	0.00	0.00
Bihar	1	Durgawati	0.00	46.32	0.00
	2	Punpun	0.00	0.00	37.82
Total			0.00	46.32	37.82
Chhattisgarh	1	Maniyari Tank	0.00	3.63	0.00
	2	Kelo	13.29	13.63	0.00
	3	Kharung	0.00	0.00	0.00
Total			13.29	17.26	0.00
Goa	1	Tillari	0.00	0.00	0.00
Total			0.00	0.00	0.00
Gujarat	1	SardarSarovar	961.88	1410.49	1047.29
Total			961.88	1410.49	1047.29
Jammu & Kashmir	1	Tral Lift	0.00	0.00	10.69
	2	PrakachikKhow's Canal	0.00	1.35	0.00
	3	Restoration & Mod. of Main Ravi Canal	0.00	8.22	3.93
	4	Rajpora Lift	0.00	2.48	2.30
Total			0.00	12.05	16.92
Jharkhand	1	Subernarekha Multipurpose	145.75	305.10	305.88
Total			145.75	305.10	305.88
Karnataka	1	Karanja	4.15	15.50	0.00
	2	Sri Rameswaram	0.00	0.00	0.00
	3	NLBC System(New)	0.00	368.86	197.00
	4	Upper Tunga	108.88	75.16	0.00
	5	Bhima LIS	22.44	0.00	0.00
Total			135.47	459.52	197.00
Kerala	1	Karapuzha	0.00	0.00	0.00
	2	Muvattupuzha	0.00	0.00	0.00
Total			0.00	0.00	0.00
Madhya Pradesh	1	Sindh Project Phase II	35.52	0.00	0.00
	2	Mahi	4.70	0.00	0.00

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State	Sl. No	Project	2016-17	2017-18	2018-19
	3	Barriyarpur LBC	6.62	0.00	0.00
	4	Bansagar Unit 2	0.00	68.02	0.00
	5	Mahan	2.38	1.80	0.00
	6	Pench	0.00	4.99	0.00
	7	Sagad	2.51	0.00	0.00
	8	Singhpur	1.94	0.00	0.00
	9	Sanjay sagar (Bah)	3.00	0.00	0.00
	10	Mahuar		0.00	0.00
	11	Indira Sagar Project Canal Phase - I & II	16.35	7.34	0.00
	12	Indira Sagar Project Canal Phase - III	39.65	51.29	14.97
	13	Indira Sagar Project Canal Phase - IV	29.22	24.55	31.70
	14	Indira Sagar Project Canal Phase - V	9.51	0.00	0.00
		(Khargone Lift )			
	15	Omkareshwar Project Canal Phase-II	11.00	5.92	0.00
	16	Omkareshwar Project Canal Phase-III	14.06	12.88	2.50
	17	Omkareshwar Project Canal Phase-IV (OSP lift)	61.27	4.50	1.74
	18	Bargi Diversion Project Phase - I (km. 16 to km 63)	5.66	0.00	1.92
		Bargi Diversion Project Phase - II (km. 63 to km 104)			
	19	Bargi Diversion Project Phase - II (km. 63 to km 104)	11.65	0.00	0.00
		Bargi Diversion Project Phase - III (km. 104 to km 154)			
	20	Bargi Diversion Project Phase - III (km. 104 to km 154)	33.85	0.00	28.18
Bargi Diversion Project Phase - IV (km. 154 to km 197)					
21	Bargi Diversion Project Phase - IV (km. 154 to km 197)	11.28	0.00	0.00	
Total			300.14	181.27	81.01
Maharashtra	1	Waghur	81.70	0.00	113.32
	2	Bawanthadi (IS)	16.84	10.00	0.00
	3	Lower Dudhna	39.62	5.27	4.48
	4	Tillari	11.94	0.00	0.00
	5	Lower Wardha		0.00	38.94
	6	Lower Panzara	8.73	9.90	0.00
	7	NandurMadhmeshwarPh-II	16.04	0.25	0.95
	8	Gosikhurd (NP)		166.59	195.81
	9	Upper Pen Ganga	12.26	26.19	55.30
	10	Bembla	24.18	54.48	42.90
	11	Tarali	24.38	0.00	6.43
	12	DhomBalakwadi	5.78	13.46	7.94
	13	Arjuna	1.01	4.73	3.36
	14	Upper Kundalika	1.01	7.04	1.56
	15	Aruna		0.00	0.00
	16	Krishna Koyana Lift	23.09	29.27	22.46
	17	Gadnadi	0.10	1.12	0.81
	18	Dongargaon	1.17	2.56	2.16

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State	Sl. No	Project	2016-17	2017-18	2018-19
	19	Sangola Branch Canal	0.66	2.45	5.10
	20	Khadakpurna	2.14	12.00	26.02
	21	Warna	102.47	0.00	0.00
	22	Morna (Gureghar)	0.33	0.00	0.00
	23	Lower Pedhi	4.18	6.31	0.00
	24	Wang project	0.32	0.00	0.00
	25	Naradave (Mahammadwadi)	1.27	10.80	0.00
	26	Kudali	0.00	1.13	0.00
Total			379.22	363.52	527.55
Manipur	1	Thoubal	105.53	11.62	21.93
	2	Dolaithabi Barrage	21.47	13.80	0.00
Total			127.00	25.42	21.93
Odisha	1	Lower Indra(KBK)	89.75	0.00	0.00
	2	Upper Indravati(KBK)	18.00	0.00	0.00
	3	Rukura-Tribal	7.26	16.63	1.23
	4	Subernarekha	200.66	240.79	45.27
	5	Anandpur Barr. Ph.-I / Integrated Anandpur Barr.	16.39	0.00	0.00
	6	RET irrigation	34.40	47.12	14.60
	7	Kanupur	32.96	28.51	48.82
	8	Telengiri	58.32	131.66	9.47
Total			457.74	464.71	119.39
Punjab	1	Kandi Canal Extension (Ph.II)	45.76	0.00	0.00
	2	Rehabilitation of Ist Patiala Feeder and Kotla Branch Project	6.66	0.00	0.00
Total			52.42	0.00	0.00
Rajasthan	1	Narmada Canal	40.79	199.99	93.43
	2	Mod. of Gang Canal	5.10	16.88	1.72
Total			45.89	216.87	95.15
Telangana	1	SriKomaramBheem	0.00	0.00	0.00
	2	Gollavagu	2.18	0.00	0.00
	3	Rallivagu	0.00	0.00	0.00
	4	Mathadivagu	2.67	0.00	1.99
	5	Peddavagu @ Neelwai	0.67	0.00	0.00
	6	Palemvagu	0.00	0.00	0.00
	7	Peddavagu @ Jagannathpur	0.00	0.00	0.00
	8	SRSP St.II	17.02	13.24	0.00
	9	Rajiv Bheema L.I. Scheme	54.48	0.00	0.00
	10	J. ChokhaRao LIS	470.60	0.00	0.00
	11	Indiramma Flood Flow Canal	0.00	0.00	0.00
Total			547.63	13.24	1.99
Uttar Pradesh	1	Bansagar Canal	64.64	63.36	15.51
	2	Arjunsahayak	9.00	2.25	57.84
	3	Madhya Ganga canal PH-II	0.00	0.00	18.81
	4	SaryuNahar(NP)	62.00	0.00	305.00
Total			135.64	65.61	397.16
<b>Grand Total</b>			<b>3309.46</b>	<b>3596.61</b>	<b>2849.09</b>

**Annexure - III**

Annexure referred to in reply to parts (b) to (e) of Unstarred Question No. 5384 to be answered in Lok Sabha on 25.07.2019 regarding "Irrigation potential"

**State-Wise Central Assistance released for Command Area Development and Water Management (CADWM) under PMKSY for the years 2016-17, 2017-18 and 2018-19**

(Rs. in crore)

Sl. No.	State	2016-17	2017-18	2018-19
1	Andhra Pradesh	0.00	0.00	69.18
2	Arunachal Pradesh	0.00	0.00	0.00
3	Assam	0.00	0.00	3.55
4	Bihar	12.64	8.76	14.42
5	Chhattisgarh	0.00	11.78	9.93
6	Goa	0.00	0.00	0.00
7	Gujarat	681.64	690.48	347.04
8	Haryana	0.00	0.00	0.00
9	Himachal Pradesh	0.00	0.00	0.00
10	Jammu & Kashmir	0.00	0.00	1.70
11	Jharkhand	0.00	0.00	0.00
12	Karnataka	31.42	15.24	13.49
13	Kerala	0.00	0.00	0.00
14	Madhya Pradesh	77.75	102.79	70.91
15	Maharashtra	15.17	32.83	25.79
16	Manipur	0.00	0.00	0.00
17	Meghalaya	0.00	0.00	0.00
18	Mizoram	0.00	0.00	0.00
19	Nagaland	0.00	0.00	0.00
20	Orissa	35.28	58.57	3.65
21	Punjab	0.00	0.00	0.00
22	Rajasthan	0.00	2.48	7.43
23	Sikkim	0.00	0.00	0.00
24	Tamil Nadu	0.00	0.00	0.00
25	Telangana	0.00	10.22	26.12
26	Tripura	0.00	0.00	0.00
27	Uttar Pradesh	0.00	0.00	0.00
28	Uttarakhand	0.00	0.00	0.00
29	West Bengal	0.00	0.00	0.00
	<b>TOTAL</b>	<b>853.90</b>	<b>933.13</b>	<b>593.21</b>

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