

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

STARRED QUESTION NO. *152

ANSWERED ON 05.12.2024

AVAILABILITY OF WATER UNDER PMKSY

†*152 SHRI BHUMARE SANDIPANRAO ASARAM
SHRI RAVINDRA DATTARAM WAIKAR

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) has been introduced with an objective to increase the availability of water substantially in fields, expand cultivable area under assured irrigation, improve on-farm water use efficiency and implement sustainable water conservation practices;
- (b) if so, the details of the targets fixed and progress made so far under PMKSY, State/UTwise including Sambhaji Nagar (Aurangabad) in Maharashtra, Madhya Pradesh and Dadra and Nagar Haveli;
- (c) whether the Government proposes any measures or schemes to increase substantial water availability in fields in the States facing water shortages; and
- (d) if so, the details thereof, State/UT-wise including Sambhaji Nagar (Aurangabad) in Maharashtra, Madhya Pradesh and Dadra and Nagar Haveli?

ANSWER

THE MINISTER OF JAL SHAKTI
(SHRI C R PAATIL)

(a) to (d) : A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. *152 TO BE ANSWERED ON 05.12.2024 IN LOK SABHA REGARDING “AVAILABILITY OF WATER UNDER PMKSY”.

(a) Yes. Pradhan Mantri Krishi Sinchai Yojna (PMKSY) is an umbrella scheme, consisting of two major components being implemented by the Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, namely, Accelerated Irrigation Benefit Programme (AIBP), and Har Khet Ko Pani (HKKP). HKKP, in turn, consists of four sub-components: (i) Command Area Development & Water Management (CAD&WM); (ii) Surface Minor Irrigation (SMI); (iii) Repair, Renovation and Restoration (RRR) of Water Bodies; and (iv) Ground Water (GW) Development. In 2016, with the launching of revised AIBP format, CAD&WM sub-component of HKKP has been taken up for pari passu implementation with AIBP.

Further, in December, 2021, implementation of PMKSY for the period 2021-22 to 2025-26 has been approved by Government of India. However, approval of Ground Water component under PMKSY-HKKP has provisionally been accorded till 2021-22 only for committed liabilities, which has been extended subsequently till completion of ongoing works. Also, Per Drop More Crop component, which was earlier a component of PMKSY, is now being implemented separately by Department of Agriculture and Farmer's Welfare (DoA&FW) under Rashtriya Krishi Vikash Yojna (RKVY). In addition, Watershed Development Component (WDC) is being implemented by Department of Land Resources (DoLR)

AIBP component focuses on completion of major and medium and Extension, Renovation and Modernisation (ERM) projects for creation of new irrigation potential/restoration of irrigation potential in the country. CAD&WM is dedicated to command area development for bridging gap between irrigation potential created and its utilization and improving on-farm water use efficiency to reduce wastage. HKKP-SMI and RRR deal with minor irrigation projects for enhancement of physical access of water on the farm and expansion of cultivable area under assured irrigation. PDMC deals with adoption of precision-irrigation such as Drip and sprinkler and other water saving technologies. WDC works toward integrated development of rainfed areas towards soil and water conservation, regeneration of ground water, arresting runoff and promoting extension activities relating to water harvesting, water management and crop alignment for farmers etc.

(b) Ninety-Nine (99) ongoing Major/Medium Irrigation Projects (MMI) (and 7 phases) spread in 18 States were identified under PMKSY-AIBP during 2016-17 along with pari-passu implementation of CAD&WM in 88 projects, in consultation with States, to be completed in phases. 62 MMI projects have been reported completed under PMKSY-AIBP with creation of 25.80 lakh hectare of irrigation potential through these projects during 2016-24 against balance irrigation potential of 34.64 lakh hectare. Command area development of 19.28 lakh hectare has been achieved during 2016-24.

Nine (09) new MMI/ERM projects have been included in the scheme since 2021-22. The targeted potential to be created by these projects is 4.01 lakh hectare. The irrigation potential created from the newly included projects under PMKSY-AIBP during 2021-22 to 2023-24 is 0.31 lakh hectare.

Irrigation potential creation during 2016-17 to 2020-21 under HKKP-SMI and RRR was targeted to 3.50 lakh hectare, against which 3.89 lakh hectare irrigation potential was achieved. Further, target for irrigation potential creation during 2021-22 to 2025-26 under PMKSY-HKKP-SMI and RRR has been kept as 4.5 lakh hectare. 75.32 thousand hectare irrigation potential has been created under HKKP-SMI and RRR during 2021-22 to 2023-24.

Further, an area of 84.11 lakh hectares has been covered under Micro Irrigation under the PDMC Scheme being implemented by DoA&FW during 2016-24. Also, a total of 9,364 projects in 89.23 lakh hectare area have been taken up by Department of Land under Watershed Development Component of PMKSY.

State-wise details of physical progress made so far under various components of PMKSY is shown in **Annexure**.

Physical progress made so far in the States of Maharashtra and Madhya Pradesh under PMKSY-AIBP, CADWM and other components of PMKSY is shown as below:

Components of PMKSY	Physical progress made so far in Maharashtra	Physical progress made so far in Madhya Pradesh
PMKSY-AIBP and CADWM	Under PMKSY-AIBP, 28 projects have been included from the state of Maharashtra with balance irrigation potential to be created as 5.56 lakh hectare. 16 projects has been completed and irrigation potential of 3.77 lakh hectare have been created during 2016-17 to 2023-24 under AIBP component with command area development in 2.19 lakh hectare area under CAD&WM. One project of PMKSY-AIBP from the state of Maharashtra namely Nadur Madhmeshwar Ph-II (Major) Irrigation project is benefitting the Sambhaji Nagar (Aurangabad District), which was completed in 2018-19.	Under PMKSY-AIBP, 21 projects (14 projects and 7 phases) have been included under PMKSY-AIBP with balance irrigation potential to be created as 2.54 lakh hectare. Out of which, 17 projects (12 projects and 5 phases) has been completed as on date. An irrigation potential of 1.83 lakh hectare have been created under AIBP with command area development in 2.89 lakh hectare under CAD&WM
PMKSY-WDC	A total of 1,186 projects having area 5.128 lakh hectare were completed in Maharashtra under PMKSY1.0 i.e. till March, 2022. 140 more projects have been taken up in Maharashtra under PMKSY 2.0 covering an area of 5.26 lakh hectares.	A total of 517 projects covering an area of 2.937 lakh hectare were completed in Madhya Pradesh under PMKSY1.0. 85 more project covering an area of 5.10 lakh hectare have been taken up in Madhya Pradesh under PMKSY2.0.
PMKSY-PDMC	An area of 9.90 lakh hectare has been covered under Micro Irrigation-PDMC Scheme in Maharashtra during 2016-17 to 2023-24.	An area of 3.31 lakh hectare has been covered under Micro Irrigation-PDMC Scheme in Madhya Pradesh during 2016-17 to 2023-24.

There is no project being implemented under PMKSY in Dadra and Nagar Haveli.

(c) & (d) Extension of PMKSY for the period 2021-22 to 2025-26 has been approved by Government of India, with an overall outlay of Rs. 93,068.56 crore (central assistance of Rs. 37,454 crore, debt servicing to NABARD for Rs. 20,434.56 crore and an outlay for Rs. 35,180 crore by the State Governments towards State share). Central assistance to Renukaji dam and Lakhwar multipurpose (National) projects, in the State of Himachal Pradesh and Uttarakhand, respectively have also been approved under PMKSY-AIBP. Special provisions for inclusion and funding ratio have been kept for agrarian distressed regions of the country in some of the components of PMKSY being implemented by this Ministry.

Further, a special package has been taken up for financial assistance by Government of India in July, 2018 for completion of 83 surface minor irrigation (SMI) projects and 8 major / medium irrigation (MMI) projects with balance cost of Rs.13,651.61 crore in drought prone districts in Vidarbha and Marathwada and rest of Maharashtra in phases. Out of these, 53 SMI projects and 2 MMI projects have been reported to be completed so far. 3.77 lakh hectare irrigation potential has been targeted to be created under this scheme, out of which 1.66 lakh hectare irrigation potential has been created till March, 2024.

Five SMI projects of Maharashtra special package benefits Aurangabad district of Maharashtra. Three projects namely Banoti, Wangaon Pohari and Sawaladbara ST with total irrigation potential of 1040 hectares have been completed, whereas two projects namely Titwi and Devgaon Rangari with total irrigation potential of 1,267 hectare is ongoing.

Further, Government of India, in December, 2021, has approved Ken-Betwa link project in the States of Madhya Pradesh and Uttar Pradesh, at an estimated cost of Rs. 44,605 crore.

In 2018, Government of India has also approved financial assistance to Shahpurkandi dam (National) project benefitting J&K and Punjab and relining of Rajasthan feeder and Sirhind feeder benefitting Punjab and Rajasthan. Also, North Koel Project of Bihar and Jharkhand has been approved for financial assistance under PMKSY-AIBP.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF LOK SABHA STARRED QUESTION NO. *152 TO BE ANSWERED ON 05.12.2024 REGARDING “AVAILABILITY OF WATER UNDER PMKSY”

A. State-wise Irrigation Potential Created/command area developed during 2016-17 to 2023-24 under PMKSY-AIBP and PMKSY-HKPP

Area in thousand hectares

Sl. No.	Name of States	Irrigation Potential (IP) Created under PMKSY –AIBP	Command Area developed under CAD&WM	IP Created under PMKSY-HKPP-SMI	IP Created under PMKSY-HKPP-RRR	IP created under GW
1	Andhra Pradesh	24.33	0.93	0.00	0.00	-
2	Arunachal Pradesh	--	--	17.86	--	3.742
3	Assam	36.55	25.40	116.44	--	38.648
4	Bihar	19.69	19.13	33.8	21.79	-
5	Chhattisgarh	16.76	8.78	4.87	0.00	-
6	Goa	4.24	6.70	--	--	-
7	Gujarat	610.90	1,030.54	--	3.90	1.866
8	Himachal Pradesh	0.66	--	22.57	--	-
9	UT of Jammu & Kashmir	6.52	2.28	33.1	--	-
10	U.T. of Ladakh	0.00	--			-
11	Jharkhand	79.80	0.00	6.09	--	-
12	Karnataka	115.86	42.08	3.48	--	-
13	Kerala	2.59	1.50	--		-
14	Madhya Pradesh	182.94	289.11	31.83	8.00	-
15	Maharashtra	385.96	218.78	--	--	-
16	Manipur	24.46	8.67	17.93	0.62	2.057
17	Meghalaya	--	--	26.47	0.88	-
18	Mizoram	--	--	1.93	--	0.553
19	Nagaland	--	--	12.84	--	0.667
20	Odisha	87.44	85.49	--	27.92	-
21	Punjab	34.99	73.53	--	--	-
22	Rajasthan	16.38	82.47	--	15.33	-
23	Sikkim	--	--	4.18	--	-
24	Tamil Nadu	5.23	--	--	12.27	0.610
25	Telengana	189.52	10.68	--	16.31	-
26	Tripura	0.00	--	0.00	--	3.009
27	Uttar Pradesh	766.93	21.71	--	2.35	36.365
28	Uttarakhand	0.00	--	21.27		1.030
	Total	2611.75	1927.77	354.66	109.37	88.547

B. State Wise progress under PMKSY-PDMC & WDC**(in Lakh Hectares)**

S.No	State	Area brought under precision irrigation through PMKSY-PDMC	Area of the project covered under PMKSY-WDC
1	Andhra Pradesh	8.37	4.25
2	Arunachal Pradesh	0.13	1.98
3	Assam	0.45	2.94
4	Bihar	0.25	2.33
5	Chhattisgarh	1.40	3.70
6	Goa	0.008	0.20
7	Gujarat	9.74	6.03
8	Haryana	1.75	0.67
9	Himachal Pradesh	0.076	1.38
10	Jharkhand	0.36	2.39
11	J&K	0.01	1.30
12	Karnataka	19.41	5.47
13	Kerala	0.05	0.68
14	Madhya Pradesh	3.31	8.03
15	Maharashtra	9.90	10.39
16	Odisha	1.24	4.64
17	Punjab	0.14	0.60
18	Rajasthan	7.67	13.27
19	Tamil Nadu	11.03	2.72
20	Telangana	2.88	2.87
21	Uttarakhand	0.32	1.05
22	Uttar Pradesh	3.92	5.69
23	West Bengal	1.05	1.98
24	Manipur	0.15	1.08
25	Meghalaya	0.00	0.86
26	Mizoram	0.046	0.87
27	Nagaland	0.25	0.80
28	Sikkim	0.15	0.27
29	Tripura	0.045	0.53
30	Ladakh	0.00	0.26
	Grand Total	84.11	89.23
