

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

UNSTARRED QUESTION NO. 2160

ANSWERED ON 20.03.2023

IRRIGATION POTENTIAL CREATED IN THE COUNTRY

2160. DR. SASMIT PATRA

Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) the total irrigation potential in terms of land area created in the country since 2017 till date, State-wise and year-wise details thereof;
- (b) the total amount of funds spent by Government in creating this irrigation potential since 2017 till present date, State-wise and year-wise details thereof; and
- (c) the total amount of funds spent by States in creating this irrigation potential since 2017 till present date, State-wise and year-wise details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) was launched during the year 2015-16, with an aim to enhance physical access of water on farm and expand cultivable area under assured irrigation, improve on-farm water use efficiency, introduce sustainable water conservation practices, etc.

PMKSY is an umbrella scheme, consisting of two major components being implemented by this Ministry, namely, Accelerated Irrigation Benefits Programme (AIBP), and Har Khet Ko Pani (HKKP). HKKP, in turn, consists of four sub-components, being Command Area Development & Water Management (CAD&WM), Surface Minor Irrigation (SMI), Repair, Renovation and Restoration (RRR) of Water Bodies, and Ground Water (GW) Development component. However, the CAD&WM sub-component of HKKP is being implemented pari-passu with AIBP.

In addition, central assistance is also being provided by this Ministry for creation/stabilization of irrigation potential for the identified special and National projects. These include Lakhwar multipurpose project, Shahpur Kandi dam project, Polavaram (National) irrigation project, Relining of Rajasthan Feeder and Sirhind Feeder of Punjab and North Koel reservoir project.

Apart from the above, in July, 2018, Government of India has approved a special package for Maharashtra whereby financial assistance is being provided to 83 surface minor irrigation (SMI) projects and 8 major / medium irrigation projects in drought prone districts in Vidarbha and Marathwada and rest of Maharashtra in phases, up to 2022-23.

Total irrigation potential created under PMKSY-AIBP with pari passu implementation of CAD&WM; SMI, RRR & GW components of PMKSY-HKKP; Lakhwar, Shahpur Kandi, and Polavaram National projects; special projects namely Relining of Rajasthan Feeder & Sirhind Feeder of Punjab and North Koel reservoir project; and Special Package of Maharashtra during 2017-18 to 2021-2022, State-wise and year-wise, is at **Annexure-I**.

(b) & (c) Central assistance provided by Government of India since financial year 2017-18 till present date, and expenditure made during 2017-18 to 2021-22 under above schemes/projects, State-wise and year-wise, is at **Annexure-II and Annexure-III**, respectively.

ANNEXURE REFERRED TO IN THE REPLY TO PART (a) OF UNSTARRED QUESTION NO 2160 TO BE ANSWERED IN RAJYA SABHA ON 20.03.2023 REGARDING “IRRIGATION POTENTIAL CREATED IN THE COUNTRY”**A. Pradhan MantriKrishiSinchaiYojana - Accelerated Irrigation Benefit Programme with paripassu implementation of Command Area Development & Water Management:**

S.No.	State/UT	Irrigation potential created (in thousand hectare)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1	Andhra Pradesh	10.41	2.03	-	-	-
2	Assam	-	1.17	-	-	7.10
3	Bihar	0.40	0.20	1.87	0.20	6.56
4	Chhattisgarh	9.96	-	0.04	0.10	-
5	Goa	-	0.18	-	-	0.09
6	Gujarat	312.18	98.64	28.69	13.91	12.29
7	Himachal Pradesh	-	-	-	-	-
8	Jharkhand	-	-	-	0.61	-
9	Karnataka	81.00	6.87	1.93	1.34	-
10	Kerala	0.24	0.80	0.95	-	-
11	Madhya Pradesh	72.28	16.18	11.22	1.74	2.64
12	Maharashtra	31.49	74.10	66.22	33.24	51.04
13	Manipur	3.24	2.39	-	3.79	0.92
14	Odisha	17.61	13.10	15.20	3.82	4.43
15	Punjab	11.62	-	-	1.44	21.93
16	Rajasthan	7.05	0.12	0.07	-	-
17	Tamil Nadu	-	-	-	-	4.12
18	Telangana	84.12	9.73	3.74	20.36	40.88
19	Uttar Pradesh	61.13	384.88	181.97	48.49	20.06
20	UT of Jammu & Kashmir	-	-	5.26	0.90	0.36
21	UT of Ladakh	-	-	-	-	-
	Total	702.73	610.39	317.16	129.94	172.42

B. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani - Surface Minor Irrigation:

S. No.	State	Irrigation potential created (in thousand hectare)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1.	Arunachal Pradesh	0.51	0.58	2.79	0.09	-
2.	Assam	15.76	9.95	6.73	-	-
3.	Bihar	14.07	9.70	8.66	1.30	-
4.	Chhattisgarh	0.80	0.50	-	-	-
5.	Himachal Pradesh	-	2.15	5.46	7.76	3.62
6.	J&K &Ladakh	2.71	12.34	2.24	-	-
7.	Jharkhand	1.08	4.60	-	-	-
8.	Manipur	0.80	0.70	-	5.79	-
9.	Meghalaya	0.88	-	3.07	3.66	4.76
10.	Mizoram	-	-	1.59	0.49	-

11.	Nagaland	-	2.02	1.98	-	-
12.	Sikkim	0.60	0.25	0.83	-	-
13.	Uttarakhand	2.16	1.96	4.61	2.58	-
	Total	39.37	44.77	37.95	21.67	8.38

C. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani - Repair, Renovation and Restoration of water bodies :

S. No.	State	Irrigation potential created (in thousand hectare)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1.	Bihar	-	-	-	17.87	-
2.	Gujarat	-	-	0.14	-	-
3.	Madhya Pradesh	8.00	-	-	-	-
4.	Meghalaya	0.27	-	0.03	-	-
6.	Odisha	-	2.51	1.46	-	-
7.	Rajasthan	0.07	2.85	-	-	-
8.	Tamil Nadu	0.72	0.74	-	0.82	0.10
9.	Telangana	2.54	8.51	3.62	0.80	-
10.	Uttar Pradesh	-	2.35	-	-	-
	Total	11.60	16.96	5.25	19.49	0.10

D. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani – Ground Water Development :

Sl. No	Projects	Irrigation potential created (in thousand hectare)			
		2017-20	2020-21	2021-22	2022-23
1	Assam	-	18.17	12.17	8.32
2	Arunachal Pradesh	-	1.67	2.07	-
3	Nagaland	-	0.015	0.65	-
4	Tripura	-	0.018	0.59	0.47
5	Manipur	-	0.50	1.56	-
6	Mizoram	-	0.03	0.10	0.20
7	U.P.	-	14.67	4.44	8.84
8	Uttarakhand	-	-	0.26	0.77
9	Gujarat	-	-	0.48	1.39
10	Tamil Nadu	-	0.37	-	0.23
	Total	-	35.443	22.32	20.22

E. National projects, Special projects and Special Package for Maharashtra

S.No.	Name of Project(s)	Irrigation potential created (in thousand hectare)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1	Lakhwar National Project	Included for funding in 2021-22				-
2	ShahpurKandi National Project	-	-	-	-	-
3	Polavaram National Project	-	-	-	-	-
4	Relining of Rajasthan Feeder & Sirhind Feeder	-	-	11.63	17.48	48.71
5	Special Package for Maharashtra	-	43.73	45.61	22.14	23.81
6	North Koelreservoir project	-	-	-	-	-
	Total	-	43.73	57.24	39.62	72.52

ANNEXURE REFERRED TO IN THE REPLY TO PART (b) & (c) OF UNSTARRED QUESTION NO 2160 TO BE ANSWERED IN RAJYA SABHA ON 20.03.2023 REGARDING “IRRIGATION POTENTIAL CREATED IN THE COUNTRY”

A. Pradhan MantriKrishiSinchaiYojana - Accelerated Irrigation Benefit Programme with paripassu implementation of Command Area Development & Water Management:

S.No.	State/UT	Central assistance (CA) released (Rupees in crore)					
		2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 (Till 02/2023)
1.	Andhra Pradesh	15.23	-	-	-	-	-
2.	Assam	-	-	-	-	-	41.98
3.	Bihar	46.32	37.82	11.98	14.12	-	-
4.	Chhattisgarh	17.25	-	4.09	6.45	3.12	-
5.	Gujarat	1410.49	1047.29	485.35	177.96	357.28	-
6.	Himachal Pradesh	Project included in 2021-22				2.25	-
7.	Jharkhand	305.10	305.88	-	-	-	-
8.	Karnataka	459.52	197.00	163.42	231.22	-	-
9.	Madhya Pradesh	181.27	81.01	26.45	19.96	59.47	66.35
10.	Maharashtra	363.02	527.54	291.68	301.85	285.55	17.61
11.	Manipur	25.42	21.93	30.50	23.51	11.75	24.87
12.	Odisha	464.71	119.38	90.65	76.39	-	-
13.	Rajasthan	216.87	95.15	7.04	93.61	41.43	-
14.	Tamil Nadu	Project included in 2021-22				9.04	-
15.	Telangana	13.24	2.00	214.04	162.82	43.95	-
16.	Uttar Pradesh	65.60	397.16	407.68	391.84	-	23.90
17.	UT of Jammu & Kashmir	8.22	16.92	5.07	9.50	-	-
18.	UT of Ladakh	1.36	-	0.81	0.81	-	-
	Total	3,593.62	2,849.08	1,738.76	1,510.04	813.84	174.71

B. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani - Surface Minor Irrigation:

S. No.	State	Central assistance (CA) released (Rupees in crore)					
		2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 (Till Feb., 2023)
1	Arunachal Pradesh	10.26	22.25	17.49	104.69	142.73	41.95
2	Assam	375.77	428.34	414.06	205.62	275.20	-
3	Bihar	-	32.28	16.14	10.65	-	-
4	Himachal Pradesh	49.28	66.20	147.91	59.80	60.31	-

S. No.	State	Central assistance (CA) released (Rupees in crore)					
		2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 (Till Feb., 2023)
5	J&K & Ladakh	104.48	31.71	68.58	97.59	-	-
6	Karnataka	-	-	-	-	-	30.00
7	Manipur	22.23	-	-	69.26	75.98	-
8	Meghalaya	44.44	31.50	22.22	57.07	100.47	37.5
9	Mizoram	8.25	-	11.34	7.65	4.66	-
10	Nagaland	9.25	35.33	20.46	35.99	40.89	1.57
11	Sikkim	9.00	16.61	9.13	9.33	9.71	-
12	Tripura	-	-	9.00	-	-	-
13	Uttarakhand	32.40	61.00	31.78	-	29.63	-
	Total	665.35	725.20	768.11	657.65	739.58	111.03

C. Pradhan Mantri Krishi Sinchai Yojana – HarKhetKoPani - Repair, Renovation and Restoration of water bodies :

S. No.	State	Central assistance (CA) released (Rupees in crore)					
		2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 (Till Feb., 2023)
1.	Andhra Pradesh	-	2.70	-	-	-	-
2.	Bihar	-	6.26	11.82	-	8.62	-
3.	Gujarat	-	8.81	-	-	-	1.58
4.	Manipur	-	-	24.26	-	-	-
5.	Meghalaya	2.66	-	-	-	-	-
6.	Odisha	3.00	-	-	34.54	-	5.10
7.	Rajasthan	14.30	-	11.96	-	-	9.30
8.	Tamil Nadu	-	7.03	16.75	1.25	17.43	-
9.	Telangana	59.68	-	-	-	-	-
	Total	79.65	24.80	64.79	35.79	26.05	15.98

D. Pradhan Mantri Krishi Sinchai Yojana – HarKhetKoPani – Ground Water Development :

Sl.No	State	Central assistance (CA) released (Rupees in crore)			
		2019-20	2020-21	2021-22	2022-23 (Till Feb., 2023)
1	Assam	132.87	23	280.09	-
2	Arunachal Pradesh	48.61	10	21.28	-
3	Gujarat	6	-	28.5	24.85
4	Nagaland	9.75	-	5.85	-
5	Manipur	-	33.306	21.09	-
6	Mizoram	-	8.66	-	-
7	Tamil Nadu	-	3.67	1.61	-
8	Tripura	7.15	-	28.48	-
9	Uttarakhand	-	1.36	12.36	-
10	Uttar Pradesh	16.69	-	-	10
	Total	221.07	80.00	399.26	34.85

E. National projects, Special projects and Special Package for Maharashtra

S. No.	Name of Project(s)	Central assistance released (Rupees in crore)					2022-23 (Till Feb., 2023)	
		2017-18	2018-19	2019-20	2020-21	2021-22		
1	Lakhwar National Project	Funding of project approved in 2021-22					-	38.58
2	ShahpurKandi National Project	-	-	60.00	147.45	49.14	33.76	
S. No.	Name of Project(s)	Central assistance released (Rupees in crore)					2022-23 (Till Feb., 2023)	
		2017-18	2018-19	2019-20	2020-21	2021-22		
3	Polavaram National Project	1,992.56	1,385.00	1,780.00	2,234.20	1,876.7	845.05	
4	Relining of Rajasthan Feeder & Sirhind Feeder	-	-	-	-	278.05	170.24	
5	Special Package for Maharashtra	-	500.00	300.00	400.00	725.00	10.77	
6	North Koel reservoir project	8.05	651.12	0.53	61.52	-	-	
	Total	2,000.61	2,536.12	2,140.53	2,843.17	2,928.89	1,098.4	

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A. Pradhan MantriKrishiSinchaiYojana - Accelerated Irrigation Benefit Programme with paripassu implementation of Command Area Development & Water Management:

S.No.	State/UT	Expenditure (Rupees in crore)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1	Andhra Pradesh	106.47	63.12	30.25	58.87	52.90
2	Assam	16.92	102.61	0.00	0.00	95.85
3	Bihar	93.32	54.97	38.37	28.84	33.89
4	Chhattisgarh	52.38	31.83	21.35	30.32	11.94
5	Goa	6.22	28.22	76.86	28.17	28.53
6	Gujarat	2,350.54	2,299.93	1,047.34	1,005.39	765.14
7	Himachal Pradesh	Project included in 2021-22				2.5
8	Jharkhand	585.17	437.13	415.15	90.31	248.96
9	Karnataka	313.16	306.09	344.38	414.09	229.15
10	Kerala	7.49	6.84	7.69	0.00	1.95
11	Madhya Pradesh	485.09	530.91	119.01	117.08	384.82
12	Maharashtra	2,703.63	3,053.70	3,125.51	1,931.96	2,135.44
13	Manipur	78.23	141.03	63.18	125.29	29.76
14	Odisha	1,432.68	924.70	785.44	629.79	538.75
15	Punjab	-	-	-	16.68	63.44
16	Rajasthan	184.30	237.50	0.78	54.22	587.72
17	Tamil Nadu	Project included in 2021-22				68.66
18	Telangana	1,028.77	1,715.47	1102.98	740.55	608.92
19	Uttar Pradesh	863.51	2,400.72	2,933.86	1,549.51	935.61
20	UT of Jammu & Kashmir	26.60	11.02	78.10	10.93	6.36
21	UT of Ladakh	7.70	1.43	0.81	0.00	0.26
	Total	10,342.18	12,347.22	10,191.06	6,832.00	6,830.55

B. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani - Surface Minor Irrigation:

S. No.	State	Expenditure (Rupees in crore)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1.	Arunachal Pradesh	11.40	0.67	43.49	-	-
2.	Assam	396.48	451.54	58.62	60.74	-
3.	Bihar	47.27	32.14	18.88	-	-
4.	Chhattisgarh	71.95	33.70	-	-	-
5.	Himachal Pradesh	54.75	76.06	164.34	93.93	32.04
6.	J&K & Ladakh	102.88	57.77	73.23	26.19	-

7.	Jharkhand	9.75	4.25	-	-	-
8.	Manipur	-	22.23	-	91.26	-
9.	Meghalaya	60.14	35.00	28.80	78.82	97.56
10.	Mizoram	10.52	0.36	13.85	7.65	-
11.	Nagaland	10.28	26.08	20.46	-	-
Expenditure (Rupees in crore)						
S. No.	State	2017-18	2018-19	2019-20	2020-21	2021-22
12.	Sikkim	14.33	16.61	9.13	9.33	-
13.	Tripura	-	-	-	7.35	1.02
14.	Uttarakhand	36.00	41.66	21.34	-	-
	Total	825.75	798.06	452.13	375.26	130.62

C. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani - Repair, Renovation and Restoration of water bodies :

		Expenditure (Rupees in crore)				
S. No.	State	2017-18	2018-19	2019-20	2020-21	2021-22
1.	Bihar	-	6.58	15.31	7.32	-
2.	Gujarat	-	3.87	4.18	-	-
3.	Madhya Pradesh	13.52	-	-	-	-
4.	Manipur	-	1.95	7.43	12.06	1.90
5.	Meghalaya	-	-	3.48	-	-
6.	Odisha	8.76	46.14	-	-	-
7.	Rajasthan	10.07	37.96	21.30	9.92	0.21
8.	Tamil Nadu	3.26	19.52	-	32.64	7.35
9.	Telangana	44.88	69.07	36.29	-	-
	Total	80.49	185.10	87.98	61.94	9.46

D. Pradhan MantriKrishiSinchaiYojana – HarKhetKoPani – Ground Water Development :

		Funds released by the States (Rupees in crore)		
S. No	Projects	2017-20	2020-21	2021-22
1	Assam	-	17.19	19.85
2	Arunachal Pradesh	-	6.51	1.25
3	Nagaland	-	-	1.08
4	Tripura	-	1.33	4.83
5	Manipur	-	6.16	-
6	Mizoram	-	1.59	-
7	Uttar Pradesh	-	1.13	5.53
8	Uttarakhand	-	-	0.95
9	Gujarat	-	4.00	19.00
10	Tamil Nadu	-	2.45	1.07
Total		-	4.36	53.56

E. National Projects, Special Projects and Special Package for Maharashtra

S.No.	Name of Project(s)	Expenditure (Rupees in crore)				
		2017-18	2018-19	2019-20	2020-21	2021-22
1	Lakhwar National Project	Funding approved in 2021-22				0.8
2	ShahpurKandi National Project	-	82.40	287.46	206.53	223.75
3	Polavaram National Project	3,669.02	2,962.60	875.29	1,089.28	2,635.29
S.No.	Name of Project(s)	Expenditure (in Rs. Cr.)				
		2017-18	2018-19	2019-20	2020-21	2021-22
4	Relining of Rajasthan Feeder & Sirhind Feeder	-	-	80.51	140.83	764.62
5	Special Package for Maharashtra	-	1,667.12	2,025.12	1,807.94	1,401.45
6	North Koel reservoir project	-	460.96	37.55	11.72	-
	Total	3,669.02	5,173.08	3,305.93	2,167.02	5,025.91
