

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

UNSTARRED QUESTION NO. 580

ANSWERED ON 06.02.2025

RIVER LINKING PROJECTS IN ANDHRA PRADESH

580. SHRI PUTTA MAHESH KUMAR

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

- (a) the details of the total number of river-linking projects under construction, completed and presently functional across the country, State-wise, especially in Andhra Pradesh;
- (b) the total amount of funds allocated and utilised for the said purpose during the last five years and the current year, project-wise, especially in Andhra Pradesh;
- (c) the proposed timeline for completion of pending river linking projects across the country, especially those in Andhra Pradesh; and
- (d) the details of the total benefits that would be derived on the completion of all river-linking projects across the country?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) The Government of India formulated a National Perspective Plan (NPP) for the Inter-linking of Rivers (ILR) for transferring water from surplus basins to deficit basins/areas in 1980. National Water Development Agency (NWDA) has been entrusted with the work of Interlinking of Rivers under the NPP. 30 link projects have been identified under the NPP with two components, viz; Himalayan Component (14 ILR projects) and Peninsular Component (16 ILR projects). Detailed Project Reports (DPRs) of 11 ILR projects, Feasibility Reports (FRs) of 26 ILR projects, and Pre-Feasibility Reports (PFRs) of 30 ILR projects have been completed.

(b) As this rigorous process demands a consensus among the party States; therefore, out of 30 ILR projects under the NPP, the implementation of only one project i.e. Ken-Betwa Link Project (KBLP) has been started so far. No ILR Project involving the State of Andhra Pradesh has reached the stage of implementation.

The status of funds allocated and utilized for KBLP is given at **Annexure I**. A total expenditure of Rs. 8023.37 crore has been incurred by the Government of India on KBLP till 31.12.2024.

(c) The Memorandum of Agreement (MoA) for KBLP were signed by the party States in March, 2021 and subsequently in December, 2021 the Union Cabinet approved the proposal for implementation of the project at an estimated cost of Rs. 44,605 crore, with a Central Support of Rs. 39,317 crore. The project is planned to be completed in by March 2030.

For other ILR projects, the schedule of completion would depend upon the party States arriving at a consensus for the respective link projects and signing the link specific MoAs for their implementation.

(d) Status and benefits of ILR Projects is given at **Annexure-II**.

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 580 TO BE ANSWERED IN LOK SABHA ON 06.02.2025 REGARDING “RIVER LINKING PROJECTS IN ANDHRA PRADESH”.

THE STATUS OF FUNDS ALLOCATED AND UTILIZED FOR KBLP

Year	Budget allocated (Rs. in crore)	Expenditure (Rs. in crore)
2021-22	4644.46	4639.46
2022-23	1400	622.42
2023-24	3500	1392.37
2024-25	4000	1369.12 (till 31.12.2024)

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 580 TO BE ANSWERED IN LOK SABHA ON 06.02.2025 REGARDING “RIVER LINKING PROJECTS IN ANDHRA PRADESH”.

DETAILS OF BENEFITS FROM ILR PROJECTS UNDER THE NPP

Peninsular Component

Sl.No	Name	States benefited	Annual Irrigation (Lakh ha)	Domestic & Industrial (Mm ³)	Hydropower (MW)	Status
1	a. Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Andhra Pradesh (AP) and Odisha	4.43	802	445	FR completed
	b. Alternate Mahanadi (Barmul) - Rushikulya – Godavari (Dowlaiswaram) link	AP and Odisha	6.25 (0.91 + 3.52 + 1.82**)	700 +125**	210 + 240**	FR completed
2	Godavari (Polavaram) - Krishna (Vijayawada) link****	AP	2.1	162	--	FR completed
3	a.) Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Telangana	2.87	237	975+ 70= 1045	FR completed
	b.) Alternate Godavari (Inchampalli) - Krishna (Nagarjunasagar) link*	Telangana	2.38	232	26	DPR completed
4	Godavari (Inchampalli/SSMPP) - Krishna (Pulichintala) link	Telangana and AP	4.74 (0.36+ 4.38)	346	90	DPR completed
5	a.) Krishna (Nagarjunasagar) - Pennar (Somasila) link	AP	5.81	124	90	FR completed
	b.) Alternate Krishna (Nagarjunasagar) - Pennar (Somasila) link*	AP	1.71	236	40	DPR completed
6	Krishna (Srisailam) – Pennar link	AP	1.79	58	11	Draft DPR completed
7	Krishna (Almatti) – Pennar link	Karnataka	0.69	467	--	Draft DPR completed
		AP	1.57	29.83		
8	a.) Pennar (Somasila) - Cauvery (Grand Anicut) link	AP, Tamil Nadu & Puducherry	4.91 (0.49+ 4.36 +0.06)	1105	--	FR completed
	b.) Alternate Pennar (Somasila) - Cauvery	AP Tamil Nadu	0.51 1.14	43 618		DPR completed

	(Grand Anicut) link *	Puducherry	--	62		
9	Cauvery (Kattalai) - Vaigai - Gundar link	Tamil Nadu	4.48	218	--	DPR completed
10	a. Parbati -Kalisindh - Chambal link	Madhya Pradesh (MP) and Rajasthan	Alt.I = 2.30 Alt.II = 2.20	- 13.2	--	FR completed
	b. Modified Parbati -Kalisindh-Chambal link (duly integrated with ERCP)	MP and Rajasthan	3.38 (as per draft PFR) MP - 2.58 Rajasthan-0.8	Rajasthan-1723 MCM Industrial-286 MCM MP-Domestic-36 MCM	-	Draft PFR completed
11	Damanganga - Pinjal link	Maharashtra (only water supply to Mumbai)	--	895	5	DPR completed
12	Par-Tapi-Narmada link	Gujarat	2.28	76	21	DPR completed
		Maharashtra	0.04	--	--	
13	Ken-Betwa link	Uttar Pradesh(UP) &Madhya Pradesh	10.62 (2.51 +8.11)	194	103 MW (Hydro) & 27MW (Solar)	DPR completed & implementation started
14	Pamba - Achankovil - Vaippar link	Tamil Nadu	0.91	--	3.87	FR completed
		Kerala			504.5	
15	Bedti - Varda link@	Karnataka	1.05	38	----	DPR completed
16	Netravati - Hemavati link***	Karnataka	0.34	--	--	PFR completed

**Benefit to Odisha from Six Projects of Govt. of Odisha

For PKC links at Serial no.10 (a): Alt I- Linking with Gandhi sagar Dam, Alt. II- Linking with Rana Pratap Sagar Dam

* Due to pending consensus on Manibhadra and Inchampalli dams, an Alternate study to divert unutilized waters of the Godavari River was carried out, and DPR of Godavari (Inchampalli/ Janampet) – Krishna (Nagarjunasagar) - Pennar (Somasila) – Cauvery (Grand Anicut) link projects completed. Godavari-Cauvery (Grand Anicut) link project has been prepared comprising of Godavari (Inchampalli / Janampet) - Krishna (Nagarjunasagar), Krishna (Nagarjunasagar)- Pennar (Somasila) and Pennar (Somasila)-Cauvery (Grand Anicut) link projects. The report was further updated terminating the link canal at Manimukhta Nadi, a tributary of the Vellar River flowing adjacent to the Cauvery basin.

@ Bedti –Varda Link- DPR was prepared directly after the preparation of its PFR, no FR was prepared.

**** Godavari (Polavaram)- Krishna (Vijayawada) Link- the project has been taken up by Govt. of Andhra Pradesh.

*** Further studies have not been taken up since after the implementation of the Yettinahole project by Govt. of Karnataka, no surplus water is available in the Netravati basin for diversion through this link.

Himalayan Component

Sl. No	Name	States / countries benefited	Annual Irrigation (Lakh ha)	Domestic & Industrial (Mm ³)	Hydropower (MW)	Status
1.	Kosi-Mechi link	Bihar and Nepal	4.74 (2.99+1.75)	24	3180	PFR completed
2.	Kosi-Ghaghra link	Bihar, UP and Nepal	8.35 (6.05+1.20+1.10)	0	--	FR completed
3.	Gandak - Ganga link	UP and Nepal	34.58 (28.80+5.78)	700	4375 (Dam PH) & 180 (Canal PH)	FR completed and circulated
4.	Ghaghra - Yamuna link	UP and Nepal	27.84 (25.30 + 2.54)	1391	10884	Draft FR completed
5.	Sarda - Yamuna link	UP and Uttarakhand	2.95 (2.65 + 0.30)	3054	6620	FR completed
6.	Yamuna-Rajasthan link	Haryana and Rajasthan	2.51 (0.11+ 2.40)	30	--	FR completed
7.	Rajasthan-Sabarmati link	Rajasthan and Gujarat	11.53 (11.21+0.32)	102	--	FR completed
8.	Chunar-Sone Barrage link	Bihar and UP	0.67 (0.13 + 0.54)	--	--	Draft FR completed
9.	Sone Dam -Southern Tributaries of Ganga link	Bihar and Jharkhand	3.07 (2.39 + 0.68)	360	95	Draft FR completed
10.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Assam, WB and Bihar	3.41 (2.05 + 1.00 + 0.36)	--	--	FR completed
11.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	Assam, WB and Bihar	3.559 (0.975+ 1.564+ 1.02)	265	360	PFR completed (The proposal has been dropped)
12.	Farakka-Sundarbans link	WB	1.50	184	--	FR completed
13.	Ganga(Farakka) Damodar-Subarnarekha link	WB, Odisha and Jharkhand	12.30 (11.18+ 0.39+ 0.73)	432	--	FR completed
14.	Subarnarekha-Mahanadi link	WB and Odisha	2.16 (0.18+ 1.98)	198	20	FR completed
