

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

LOK SABHA

UNSTARRED QUESTION NO. 1520

ANSWERED ON 13.02.2025

SCHEME TO CONNECT RIVERS

†1520. DR. RAJKUMAR SANGWAN

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

- (a) whether the scheme to connect rivers across the country is in its final stages;
- (b) if so, the details thereof indicating the current status and implementation of the said scheme, State-wise along with the benefits to be provided to Bagpat in Uttar Pradesh under the same; and
- (c) if not, the reasons for the delay in implementation of the said scheme?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) to (c) 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. Latest status of ILR Projects along with benefits of these projects to the various States including Uttar Pradesh is enclosed at **Annexure**.

The Government of India has given top priority to the ILR programme and has been pursuing the programme in a consultative manner. Concerted efforts have been made at various levels for consensus building amongst the party States for implementation of the matured ILR projects. A Special Committee on Interlinking of Rivers (SCILR) has been constituted in September, 2014 for the implementation of ILR programme. 21 meetings of the SCILR have been held so far. Further, a Task Force for Interlinking of Rivers (TFILR) has been constituted in April, 2015 and 20 meetings of the same have been held so far. States have wide representation and participation in these meetings, wherein concerted efforts are made for consensus building amongst the party States and for setting out road maps for implementation of the ILR projects. It is, however, for the party States to reach a consensus for implementation of an ILR project.

Ken-Betwa link project (KBLP) is the first ILR project under the NPP, implementation of which has started after the party States reached a consensus and signed a Memorandum of Agreement for its implementation in March, 2021 and subsequently the project got approved by the Government of India in December, 2021. The project is envisaged to provide an annual irrigation to an area of 10.62 lakh hectares (ha) including 8.11 lakh ha in Madhya Pradesh (MP) and 2.51 lakh ha in Uttar Pradesh (UP) . The project will also generate 103 Megawatt (MW) of hydropower and 27 MW of solar power. Initial focus is on land acquisition and Rehabilitation and Resettlement.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 1520 TO BE ANSWERED IN LOK SABHA ON 13.02.2025 REGARDING “SCHEME TO CONNECT RIVERS”

DETAILS OF BENEFITS FROM ILR PROJECTS UNDER THE NPP

Peninsular Component

Sl. No	Name	States benefited	Annual Irrigation (Lakh ha)	Domestic and Industrial (Million Cubic Metres (MCM))	Hydro power (MW)	Status
1	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Andhra Pradesh (AP) and Odisha	4.43	802	445	FR completed
	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 (Srisailem) - 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 and Puducherry	4.91 (0.49+ 4.36 +0.06)	1105	--	FR completed
	b.) Alternate Pennar (Somasila) - Cauvery (Grand Anicut) link **	AP	0.51	43	--	DPR completed
		Tamil Nadu	1.14	618		
Puducherry	--	62				
9	Cauvery (Kattalai) - Vaigai - Gundar link	Tamil Nadu	4.48	218	--	DPR completed
10	a) Parbati - Kalisindh-Chambal link	Madhya Pradesh (MP)	Alt.I = 2.30	-- = 13.2	--	FR completed

		and Rajasthan	Alt.II = 2.20			
	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	As per draft PFR: Rajasthan-Domestic-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) and Madhya Pradesh	10.62 (2.51 +8.11)	194	103 MW (Hydro) & 27MW (Solar)	DPR completed & project is under implementation
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

** Due to pending consensus on Manibhadra and Inchampalli dams, Alternate study to divert unutilized waters of 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 link canal at Manimukhtanadi, a tributary of Vellar river flowing adjacent of Cauvery basin.

@ Bedti – Varda Link- DPR was prepared directly after 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 are not taken up since after implementation of Yettinahole project by Govt. of Karnataka, no surplus water is available in Netravati basin for diversion through this link.

Note: For PKC link at Serial no.10 (a): Alt I- Linking with GandhisagarDam, Alt. II- Linking with Rana Pratapsagar Dam

Himalayan Component

Sl. No	Name	States / Countries benefited	Annual Irrigation (Lakh ha)	Domestic & Industrial (MCM)	Hydro power (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(90 Dam PH) & 5 (Canal PH)	Draft FR completed
10.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Assam, West Bengal (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
