

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

UNSTARRED QUESTION NO. 529

ANSWERED ON 25.07.2024

INTER-LINKING OF RIVERS

†529. SHRI DILESHWAR KAMAIT

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

- (a) whether the Government is considering interlinking of rivers under the National Perspective Plan (NPP) including the Manas-Sankosh-Tista-Ganga (MSTG) link project;
- (b) if so, the details thereof;
- (c) the present status of the implementation works of Kosi-Mechi interlinking project in Bihar; and
- (d) the time by which Kosi-Mechi interlinking project is likely to be completed and the reasons for its delay, if any?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) & (b) The Government of India has formulated a National Perspective Plan (NPP) for Inter-linking of Rivers (ILR) for transferring water from surplus basins to deficit basins/areas in 1980. National Water Development Agency (NWDA) has identified 30 links (16 under Peninsular Component and 14 under Himalayan Component) under the NPP, out of which, Detailed Project Reports (DPRs) of 11 link projects, Feasibility Reports (FRs) of 24 link projects and Pre-Feasibility Reports (PFRs) of all the 30 link projects have been completed. The status of ILR projects is attached as **Annexure**.

The Manas-Sankosh-Tista-Ganga (MSTG) link project is one of the link projects under the Himalayan Component. FR of the MSTG link project has been completed. This link project envisages diversion of surplus water from tributaries of river Brahmaputra i.e., river Manas, Sankosh, Aie, Raidak, Torsa and Jaldhaka to the Ganga River and transfer through the Ganga-Damodar-Subernarekha and the Subernarekha-Mahanadi links and further towards south to supplement the identified eight-link system under the Peninsular Component of the NPP.

(c) & (d) The PFR of the Kosi-Mechi ILR project under the Himalayan Component of the NPP was completed in the year 1997. In 2014, on the request of the Government of Bihar, NWDA prepared the DPR of the Kosi-Mechi intra-State link project. Various statutory and other necessary clearances have been subsequently obtained for the project by the Government of Bihar. The cost of project has been estimated as ₹6,282.32 crore at 2022-23 price level, with a Benefit-Cost ratio of 2.23, as approved by the Technical Advisory Committee of the Department of Water Resources, River Development & Ganga Rejuvenation. Investment clearance to the project has also been accorded by the Investment Clearance Committee (ICC).

As an intra-State project, the implementation of the Kosi-Mechi intra-State link project comes under the purview of the Government of Bihar.

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 529 TO BE ANSWERED IN LOK SABHA ON 25.07.2024 REGARDING “INTER-LINKING OF RIVERS”.

Status of ILR projects under the NPP
Peninsular Component

Sl. No	Name	States benefited	Status
1	a. Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Andhra Pradesh (AP) & Odisha	FR completed
	b. Alternate Mahanadi (Barmul) - Rushikulya – Godavari (Dowlaiswaram) link	AP& Odisha	FR completed
2	Godavari (Polavaram) - Krishna (Vijayawada) link	AP	FR completed
3	a. Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Telangana	FR completed
	b. Alternate Godavari (Inchampalli) - Krishna (Nagarjunasagar) link *	Telangana	DPR completed
4	Godavari (Inchampalli/ SSMPP) - Krishna (Pulichintala) link	Telangana & AP	DPR completed
5	a. Krishna (Nagarjunasagar) - Pennar (Somasila) link	AP	FR completed
	b. Alternate Krishna (Nagarjunasagar) - Pennar (Somasila) link *	AP	DPR completed
6	Krishna (Srisaillam) – Pennar link	AP	Draft DPR completed
7	Krishna (Almatti) – Pennar link	AP & Karnataka	Draft DPR completed
8	a. Pennar (Somasila) - Cauvery (Grand Anicut) link	AP, Tamil Nadu & Puducherry	FR completed
	b. Alternate Pennar (Somasila) - Cauvery (Grand Anicut) link *	AP, Tamil Nadu & Puducherry	DPR completed
9	Cauvery (Kattalai) - Vaigai -Gundar link	Tamil Nadu	DPR completed
10	a. Parbati –Kalisindh - Chambal link	Madhya Pradesh (MP) & Rajasthan	FR completed
	b) Modified Parbati – Kalisindh-Chambal link (duly integrated with ERCP)	MP & Rajasthan	Draft PFR completed
11	Damanganga - Pinjal link (As per DPR)	Maharashtra (only water supply to Mumbai)	DPR completed
12	Par-Tapi-Narmada link (As per DPR)	Gujarat & Maharashtra	DPR completed
13	Ken-Betwa link	Uttar Pradesh & Madhya Pradesh	DPR completed & project is under implementation
14	Pamba - Achankovil - Vaippar link	Tamil Nadu & Kerala	FR completed
15	Bedti - Varda link	Karnataka	DPR completed
16	Netravati – Hemavati link**	Karnataka	PFR completed

* 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 was 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.

** 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.

Himalayan Component

Sl. No	Name	States / Countries benefited	Status
1.	Kosi-Mechi link	Bihar & Nepal	PFR completed
2.	Kosi-Ghaghra link	Bihar, Uttar Pradesh (UP) & Nepal	FR completed
3.	Gandak - Ganga link	UP & Nepal	FR completed and circulated
4.	Ghaghra - Yamuna link	UP & Nepal	Draft FR completed
5.	Sarda - Yamuna link	UP & Uttarakhand	FR completed
6.	Yamuna-Rajasthan link	Haryana & Rajasthan	FR completed
7.	Rajasthan-Sabarmati link	Rajasthan & Gujarat	FR completed
8.	Chunar-Sone Barrage link	Bihar & UP	Draft FR completed
9.	Sone Dam - Southern Tributaries of Ganga link	Bihar & Jharkhand	Draft FR completed
10.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Assam, West Bengal (WB) & Bihar	FR completed
11.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	Assam, WB & Bihar	PFR completed (The proposal has been dropped)
12.	Farakka-Sundarbans link	WB	FR completed
13.	Ganga(Farakka) - Damodar-Subarnarekha link	WB, Odisha & Jharkhand	FR completed
14.	Subarnarekha-Mahanadi link	WB & Odisha	FR completed
