

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

RAJYA SABHA

UNSTARRED QUESTION NO. 1994

ANSWERED ON 07.08.2023

INTERLINKING OF RIVERS

1994. DR. C.M. RAMESH

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

- (a) the details and status of interlinking of rivers undertaken by Government in recent past;
- (b) whether concerned State Governments are cooperating in this regard; and
- (c) the timeline for completion of the projects, project-wise, and likely expenditure, projectwise, and details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

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

Consensus and cooperation among the party States is crucial for implementation of the ILR projects. DPRs of the ILR projects after completion, are sent to the concerned States for obtaining their consensus on water sharing and other related issues, as mentioned in the DPRs, so as to take these ILR projects to the stage of implementation. Government of India has made vigorous efforts at various levels for consensus building among the States.

A Special Committee on Interlinking of Rivers (SCILR) has been constituted in September, 2014 for implementation of the ILR programme. 20 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 17 meetings of the same have been held so far. States have wide representation and participation in these meetings, wherein concerted efforts are made for building consensus and signing of Memorandum of Agreements (MoAs) among the party States and for setting out road maps for implementation of the ILR projects.

The Ken-Betwa Link Project (KBLP) is the first ILR project under the NPP, that is under implementation. The MoA for implementation of this link project was signed on 22.03.2021 amongst the State Governments of Madhya Pradesh and Uttar Pradesh and the Government of India. Subsequently, the Government of India approved the implementation of this project in December, 2021 with an estimated cost of Rs. 44,605 crores (at year 2020-21 price level) with central support of Rs. 39,317 crores through a Special Purpose Vehicle, viz; Ken-Betwa Link Project Authority (KBLPA). Initial focus is on land acquisition, Rehabilitation and Resettlement and fulfilling the conditions of forest clearance of the project.

A total expenditure of Rs.8,335.63 crore has so far been incurred for the KBLP, which includes Rs. 2,609.74 crore from the budget of State Government of MP, and Rs.4,639.46 crore during Financial Year (FY) 2021-22 and Rs. 622.43 crore during FY 2022-23 from the Union Budget. A budgetary allocation of Rs.3,500 crore has been made for the current FY 2023-24 in the Union budget for the KBLP, out of which, Rs. 464.00 crore has been utilized up to 30.06.2023. This ILR project is planned to be completed in a period of 8 years.

Timeline of completion of other ILR projects can be estimated, once the consensus among the party States is reached.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (C) OF UNSTARRED QUESTION NO. 1994 ANSWERED IN RAJYA SABHA ON 07.08.2023 REGARDING “INTER-LINKING OF RIVERS”.

Details and current status of the ILR Projects under the NPP

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 (Srisailam) – 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	PFR completed (Phase-I)
11	Damanganga - Pinjal link	Maharashtra (only water supply to Mumbai)	DPR completed
12	Par-Tapi-Narmada link	Gujarat	DPR completed
13	Ken-Betwa link	Uttar Pradesh (UP) & MP	DPR completed & project is under implementation
14	Pamba - Achankovil - Vaippar link	Tamil Nadu and 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 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 Government of Karnataka, no surplus water is available in Netravati basin for diversion through this link.**

Himalayan Component

Sl. No.	Name of the Link	Country/ States benefited	Status
1.	Kosi-Mechi link	Bihar & Nepal	PFR completed
2.	Kosi-Ghaghra link	Bihar, UP & Nepal	Draft FR completed
3.	Gandak - Ganga link	UP & Nepal	FR completed (Indian portion)
4.	Ghaghra - Yamuna link	UP & Nepal	FR completed (Indian portion)
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	PFR completed
9.	Sone Dam - Southern Tributaries of Ganga link	Bihar & Jharkhand	PFR 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
