

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 582

ANSWERED ON 25.07.2024

INTER-LINKING OF RIVERS

582. SHRI RAVINDRA DATTARAM WAIKAR

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

- (a) the number of rivers inter-linked across the country through the network of reservoirs dams under the National River Linking Project being implemented by the Government in various States including Maharashtra during the last two years and the current year;
- (b) whether the Government has conducted any survey to increase the depth and width of the said rivers;
- (c) if so, the details thereof, State-wise including Maharashtra;
- (d) whether the Government proposes to build protection walls on the banks of the rivers to ensure the safety of small settlements/villages located near the said rivers keeping in mind the effect of the said scheme on the rivers flowing through various States so as to check the loss of life and property in future; and
- (e) if so, the details of the settlements located around the said rivers, State-wise?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) National Water Development Agency (NWDA) has been entrusted with the work of Interlinking of Rivers (ILR) under the National Perspective Plan (NPP) formulated by the Government of India in year 1980 for inter basin transfer of water from surplus basin to deficit ones and improve water availability in drought prone and rain-fed areas. Under the NPP, a total of 30 link projects have been identified, out of which 16 link projects under the Peninsular Component and 14 link projects are under the Himalayan Component. Out of 30 identified link projects under the NPP, Pre-Feasibility Reports (PFRs) of all the 30 links have been completed, Feasibility Reports (FRs) of 24 links and Detailed Project Reports (DPRs) of 11 links have been completed. The Latest status of ILR projects under the NPP is at **Annexure**.

Government of India has accorded top priority to the ILR Programme. The Ken - Betwa Link Project (KBLP) is the first and only ILR project under the NPP, which is under implementation at the ground level.

(b) & (c) During the preparation of DPRs, detailed survey and investigations are carried out for the ILR projects, which include topographical, seismic, soil, meteorological, hydrological, geological and geotechnical surveys and study of environmental impact parameters like socio-economical factors, biological, ecological and physical factors. However, these studies does not include any survey to increase the depth and width of the rivers' channel.

(d) & (e) Flood management falls within the purview of the States and therefore, flood control and drainage projects are planned & prioritized, formulated and implemented by the concerned State Governments from their own resources. The Government of India supplements the efforts of the States by providing technical guidance and also financial assistance for management of floods in critical areas.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 582 TO BE ANSWERED IN LOK SABHA ON 25.07.2024 REGARDING “INTER-LINKING OF RIVERS”.

LATEST STATUS OF ILR PROJECTS UNDER THE NPP

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 & Uttar Pradesh (UP) & Nepal	FR completed
3.	Gandak - Ganga link	UP & Nepal	FR completed
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

PENINSULAR COMPONENT

S. No	Name of the Link	Country/ 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 (Srisailem) – 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 & Rajasthan	FR completed
	b) Modified Parbati – Kalisindh-Chambal link (duly integrated with ERCP)	MP & Rajasthan	Draft PFR completed
11	Damanganga - Pinjal link	Maharashtra (only water supply to Mumbai)	DPR completed
12	Par-Tapi-Narmada link	Gujarat & Maharashtra	DPR completed
13	Ken-Betwa link	Uttar Pradesh & MP	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) – Krishna (Nagarjunasagar) - Pennar (Somasila) – Cauvery (Grand Anicut) link projects was completed. Godavari-Cauvery (Grand Anicut) link project has been prepared comprising of Godavari (Inchampalli) - 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.
