

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
STARRED QUESTION NO. *74
ANSWERED ON 21.11.2019

INTER-LINKING OF RIVERS

*74. SHRI RAMDAS C. TADAS
SHRI SANGAM LAL GUPTA

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether any proposals regarding inter-linking of rivers in Karnataka, Rajasthan, Maharashtra and Uttar Pradesh are pending with the Government;
- (b) if so, the details thereof and the reasons therefor;
- (c) the details of work done so far to inter-link the waters of rivers and dams in the said States; and
- (d) whether any hindrances are being faced in completion of the said projects and if so, the details thereof?

ANSWER

THE MINISTER OF JAL SHAKTI

(SHRI GAJENDRA SINGH SHEKHAWAT)

- (a) to (d) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (d) OF STARRED QUESTION NO.*74 TO BE ANSWERED ON 21.11.2019 REGARDING “INTER-LINKING OF RIVERS” RAISED BY SHRI RAMDAS C. TADAS & SHRI SANGAM LAL GUPTA. M.Ps.

(a) to (c) The National Perspective Plan (NPP) was prepared by the then Ministry of Irrigation (now Ministry of Jal Shakti) in August 1980 for water resources development through inter basin transfer of water, for transferring water from water surplus basins to water-deficit basins. Under the NPP, the National Water Development Agency (NWDA) has identified 30 links (16 under Peninsular Component and 14 under Himalayan Component) for preparation of Feasibility Reports (FRs).

Under NPP, three inter-linking of rivers (ILR) projects namely, Krishna (Almatti)-Pennar link project, Bedti-Varda link project and Netravati-Hemavati link project have been identified benefitting Karnataka State.

Three ILR projects namely, Yamuna- Rajasthan link project, Rajasthan-Sabarmati link project and Parbati-Kalishindh – Chambal link project have been identified benefitting Rajasthan State.

Two ILR projects namely, Damanganga-Pinjal link project and Par-Tapi-Narmada link project have been identified benefitting Maharashtra State.

Six ILR projects namely, Ken-Betwa link project, Gandak - Ganga link project, Ghaghra (Karnali)-Yamuna link project, Sardar-Yamuna link project, Chunar-Sone Barrage link project and Kosi-Ghaghra (Karnali) link project have been identified benefitting Uttar Pradesh State.

The details of the above ILR projects indicating their status is given at **Annexure-I**.

Apart from the above, NWDA has received proposals of 6 intra-State link projects from Government of Karnataka, 20 intra-State link projects from Government of Maharashtra and 2 intra-State link projects from Government of Rajasthan.

The details of the above intra-State link projects indicating their status is given at **Annexure-II**.

(d) The implementation of river link projects involves various steps such as preparation of Pre Feasibility Reports/ Feasibility Reports of links, negotiation and consensus among concerned States, preparation of Detailed Project Reports (DPRs) of the projects, clearances from Ministry of Environment and Forests and Climate Change, Ministry of Tribal Affairs, techno-economic clearance by Advisory Committee on Irrigation, Flood control & multipurpose projects of Ministry of Jal Shakti, investment clearance.

The stage of implementation of a project would be reached after its DPR is prepared with the consensus of concerned States and the requisite statutory clearances are obtained.

The main problems involving implementation of the ILR projects include problem in consensus among party States, funding for implementation, implementation mechanism and international issues (projects involving other countries).

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) to (c) OF STARRED QUESTION NO. *74 TO BE ANSWERED IN LOK SABHA ON 21.11.2019 REGARDING “INTER-LINKING OF RIVERS”.**Names of Inter Basin Water Transfer Links, name of rivers, status of Feasibility Reports/Detailed Project Report**

Sl. No.	Name	Rivers	Present Status of Project
Projects benefitting Karnataka State			
1.	Krishna (Almatti) – Pennar link	Krishna & Pennar	FR Completed
2.	Bedti - Varda link	Bedti & Varda	PFR Completed
3.	Netravati – Hemavati link	Netravati & Hemavati	PFR Completed
Projects benefitting Rajasthan State			
1.	Yamuna- Rajasthan link	Yamuna & Sukri	Draft FR completed
2.	Rajasthan- Sabarmati link	Sabarmati	Draft FR completed
3.	Parbati - Kalisindh- Chambal link	Parbati, Kalisindh & Chambal	FR Completed Recently Govt. Of Rajasthan has proposed integration of Eastern Rajasthan Canal Project with Parbati -Kalisindh- Chambal link.
Projects benefitting Maharashtra State			
1.	Damanganga – Pinjal link	Damanganga & Pinjal	FR & DPR Completed. Techno-economic clearance accorded subject to Forest clearance for diversion of 1674 ha of forest land and clearance for R&R of Tribal population from MoTA.
2.	Par-Tapi- Narmada link	Par, Tapi & Narmada	FR & DPR Completed. DPR sent to CWC for technical appraisal. Combined MoU for implementation of Damanganga – Pinjal link and Par-Tapi-Narmada link has been sent to Govt. of Maharashtra and Gujarat for concurrence.
Projects benefitting UP State			
1.	Ken-Betwa link project (KBLP)	Ken & Betwa	FR & DPR (Ph-I&II) Completed. Comprehensive DPR sent to Govt. of MP and UP. KBLP Phase-I: All Statutory clearances (except Stage-II Forest clearance and clearance from CEC of Hon’ble Supreme Court) and techno-economic clearance completed. KBLP Phase-II: Stage-I Forest clearance, MoTA clearance for Lower Orr Dam, environmental & forest clearance for Bina Complex projects accorded. Draft MoU for implementation of this project has been sent to Govt. of MP and UP for their concurrence.

Sl. No.	Name	Rivers	Present Status of Project
2.	Gandak-Ganga link	Gandak & Ganga	Draft FR completed (Indian portion)
3.	Ghaghra-Yamuna link	Ghaghra & Yamuna	FR completed (Indian portion)
4.	Sarda-Yamuna link	Sarda & Yamuna	FR completed (Indian portion)
5.	Chunar-Sone Barrage link	Ganga & Sone	Draft FR completed
6.	Kosi-Ghaghra link	Kosi & Ghaghra	PFR completed

- PFR- Pre Feasibility Report
- FR- Feasibility Report
- DPR- Detailed Project Report
- CEC- Central Empowered Committee
- MoTA- Ministry of Tribal Affairs
- CWC- Central Water Commission
- R&R- Rehabilitation & Resettlement
- MoU- Memorandum of Understanding

ANNEXURE REFERRED TO IN REPLY TO PART (a) to (c) OF STARRED QUESTION NO. *74 TO BE ANSWERED IN LOK SABHA ON 21.11.2019 REGARDING “INTER-LINKING OF RIVERS”.

Names of Intra-State link projects and their status

Sl. No.	Name	Rivers	Present Status of Project
Projects submitted by Karnataka State			
1.	Almatti (Bagalkot)- Malaprabha Sub-basin	Almatti & Malaprabha	Prima facie not found feasible
2.	Malaprabha- Tungabhadra Sub-basin	Malaprabha & Tungabhadra	Prima facie not found feasible
3.	Bedti - Dharma - Varada link	Bedti, Dharma & Varada	PFR completed
4.	Bhadra-Vedavathi(Vani Vilasa Sagar) link	Bhadra &Vedavathi	Government of Karnataka withdrew the proposal during 11 th meeting of Special Committee for ILR.
5.	Diversion of west flowing rivers schemes(Barapole-upper cauvery link)	Barapole & upper cauvery	
6.	Diversion from Bedti & Aghanashini to Varada	Aghanashini & Varada	PFR completed.
Projects submitted by Rajasthan State			
1.	Mahi – Luni link	Mahi & Luni	PFR completed (Not found feasible)
2.	Wakal – Sabarmati – Sei – West Banas – Kamberi link	Wakal, Sabarmati, Sei, West Banas & Kamberi	PFR completed (Not found feasible)
Projects submitted by Maharashtra State			
1.	Wainganga (Goshikurd) – Nalganga (Purna Tapi)	Wainganga & Nalganga	PFR and DPR completed.
2.	Wainganga – Manjra Valley	Wainganga & Manjra	PFR completed (Not found feasible)
3.	Upper Krishna – Bhima (system of Six links)	Krishna & Bhima	PFR completed
4.	Damanganga (Ekdare)- Godavari Valley	Damanganga & Godavari	PFR completed
5(i)	Upper Vaitarna- Godavari valley	Vaitarna&Godavari	PFR completed
5(ii)	Damanganga-Vaitarna- Godavari (Kadva Dev) Valley	Damanganga, Vaitarna & Godavari	PFR completed
6.	North Konkan – Godavari Valley	Patalganga & Godavari	PFR completed (Not found feasible)
7.	Koyna – Mumbai city	Koyna	PFR completed

8.	Sriram Sagar Project (Godavari) – Purna – Manjira	Godavari, Purna & Manjira	PFR completed
9.	Wainganga (Goshikurd) – Godavari (SRSP)	Wainganga & Godavari	Withdrawn by Govt. of Maharashtra
10.	Middle Konkan – Bhima Valley	Savitri, Kundalika, Amba & Bhima	PFR completed (Not found feasible)
11.	Koyna – Nira	Koyna & Nira	PFR completed
12.	Mulsi – Bhima	Mulsi & Bhima	PFR completed
13.	Savithri – Bhima	Savithri & Bhima	PFR completed
14.	Kolhapur – Sangli – Sangola	Krishna & Bhima	PFR completed
15.	Riverlinking projects of Tapi basin and Jalgaon District	Tapi	PFR completed
16.	Nar – Par - Girna valley	Nar, Par & Girna	PFR completed (Not found feasible)
17.	Narmada – Tapi	Narmada & Tapi	PFR completed
18.	Khariagutta – Navatha Satpura foot hills	Dropped	Ground water recharge schemes to be studied by CGWB. Consequently, not accepted by TAC of NWDA for PFR studies.
19.	Kharia Ghuti Ghat – Tapi	Dropped	
20.	Jigaon – Tapi – Godavari Valley	Tapi & Godavari	PFR completed (Not found feasible)

- PFR- Pre-Feasibility Report
- TAC- Technical Advisory Committee
- NWDA- National Water Development Agency
- ILR- Inter Linking of Rivers
- DPR- Detailed Project Report
