

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 4224
ANSWERED ON 18.07.2019

RIVER INTER-LINKING

4224. PROF. SAUGATA RAY

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the present status of river inter-linking in the country;
- (b) the expected tenure of the completion of the ongoing linking projects;
- (c) whether the river inter-linking will help to face drought and flood in the country, if so, the details thereof;
- (d) whether any State opposed to the project; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT
(SHRI RATTAN LAL KATARIA)

(a) 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). The details of above river linking projects viz., rivers, States concerned are given at **Annexure-I**.

Under the NPP, four priority links have also been identified for preparation of Detailed Project Reports (DPRs) under the Peninsular Rivers Component viz; Ken-Betwa link project (KBLP), Damanganga-Pinjal link project, Par-Tapi-Narmada link project and Godavari-Cauvery link project. Based on the concurrence of the concerned States, DPRs of KBLP, Damanganga-Pinjal link project and Par-Tapi-Narmada link project have been completed and sent to concerned States.

Various statutory clearances except Stage-II forest clearance & clearance from Central Empowered Committee (CEC) of Hon'ble Supreme Court have been accorded for components under KBLP Phase-I. The clearances for the projects proposed under KBLP Phase-II are in advanced stages. The comprehensive DPR of the KBLP has been completed and circulated to Governments of Uttar Pradesh (UP) and Madhya Pradesh (MP). Draft Memorandum of Agreement for implementation of KBLP has been sent to Governments of MP and UP for concurrence.

The techno-economic clearance to the Damanganga-Pinjal link project has also been accorded subject to statutory clearances. The DPR of Par-Tapi-Narmada has been sent to Central Water Commission for appraisal. Draft Memorandum of Understanding (MoU) for implementation of Damanganga-Pinjal and Par-Tapi-Narmada link projects has also been sent to Governments of Maharashtra and Gujarat for concurrence.

The Draft DPR of Godavari-Cauvery link project consisting of three projects viz; Godavari (Inchampalli/Janampet)-Krishna(Nagarjunasagar), Krishna (Nagarjunasagar) - Pennar(Somasila), Pennar(Somasila)-Cauvery(Grand Anicut) link projects has been completed and circulated to party States.

(b) 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 estimated time for implementation will depend upon the construction schedule as per DPR.

(c) The interlinking of rivers (ILR) project envisages diversion of waters from surplus basins to deficit basins through inter basin water transfer links. The interlinking of rivers project will provide benefits to irrigation, domestic and industrial needs, hydropower apart from the incidental benefits of flood control, drought mitigation, navigation, water supply, fisheries, salinity and pollution control etc.

(d) & (e) Some of the States have certain views/observations regarding ILR Projects and the link-wise details of views/observations raised by these State Governments are given at **Annexure-II**.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4224 TO BE ANSWERED IN LOK SABHA ON 18.07.2019 REGARDING “RIVER INTER-LINKING”.**Names of Inter Basin Water Transfer Links, the States involved, name of rivers and status of Feasibility Reports/Detailed Project Report**

Sl. No	Name	Rivers	States concerned	Status of PFR/FR/DPR
Peninsular Component				
1	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Mahanadi & Godavari	Odisha, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh	FR Completed
2	Godavari (Inchampalli) - Krishna (Pulichintala) link	Godavari & Krishna	-do-	FR Completed
3	Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Godavari & Krishna	Odisha, Maharashtra, Madhya Pradesh, Andhra Pradesh, Karnataka & Chattisgarh,	FR Completed
4	Godavari (Polavaram) - Krishna (Vijayawada) link	Godavari & Krishna	Odisha, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh	FR Completed
5	Krishna (Almatti) – Pennar link	Krishna & Pennar	-do-	FR Completed
6	Krishna (Srisailem) – Pennar link	Krishna & Pennar	-do-	FR Completed
7	Krishna (Nagarjunasagar) - Pennar (Somasila) link	Krishna & Pennar	Maharashtra, Andhra Pradesh & Karnataka,	FR Completed
8	Pennar (Somasila) - Cauvery (Grand Anicut) link	Pennar & Cauvery	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala & Puducherry	FR Completed
9	Cauvery (Kattalai) - Vaigai -Gundar link	Cauvery, Vaigai & Gundar	Karnataka, Tamil Nadu, Kerala & Puducherry	FR Completed
10	Ken-Betwa link	Ken & Betwa	Uttar Pradesh & Madhya Pradesh	FR & DPR (Ph-I&II) Completed
11	Parbati -Kalisindh- Chambal link	Parbati, Kalisindh & Chambal	Madhya Pradesh, Rajasthan & Uttar Pradesh (UP requested to be consulted during consensus building)	FR Completed
12	Par-Tapi-Narmada link	Par, Tapi & Narmada	Maharashtra & Gujarat	FR & DPR Completed
13	Damanganga - Pinjal link	Damanganga & Pinjal	Maharashtra & Gujarat	FR & DPR Completed
14	Bedti - Varda link	Bedti & Varda	Maharashtra, Andhra Pradesh & Karnataka	PFR Completed
15	Netravati – Hemavati link	Netravati & Hemavati	Karnataka, Tamil Nadu & Kerala	PFR Completed
16	Pamba - Achankovil - Vaippar link	Pamba, Achankovil & Vaippar	Kerala & Tamil Nadu,	FR Completed

Sl. No	Name	Rivers	States concerned	Status of PFR/FR/DPR
Himalayan Component				
1.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Manas-Sankosh-Tista-Ganga	Assam, West Bengal, Bihar & Bhutan	PFR completed
2.	Kosi-Ghaghra link	Kosi & Ghaghra	Bihar, Uttar Pradesh & Nepal	PFR completed
3.	Gandak-Ganga link	Gandak & Ganga	-do-	Draft FR completed (Indian portion)
4.	Ghaghra-Yamuna link	Ghaghra & Yamuna	-do-	FR completed (Indian portion)
5.	Sarda-Yamuna link	Sarda & Yamuna	Bihar, Uttar Pradesh, Haryana, Rajasthan, Uttarakhand & Nepal	FR completed (Indian portion)
6.	Yamuna-Rajasthan link	Yamuna & Sukri	Uttar Pradesh, Gujarat, Haryana & Rajasthan	Draft FR completed
7.	Rajasthan-Sabarmati link	Sabarmati	-do-	Draft FR completed
8.	Chunar-Sone Barrage link	Ganga & Sone	Bihar & Uttar Pradesh	Draft FR completed
9.	Sone Dam – Southern Tributaries of Ganga link	Sone & Badua	Bihar & Jharkhand	PFR completed
10.	Ganga(Farakka)-Damodar-Subernarekha link	Ganga, Damodar & Subernarekha	West Bengal, Odisha & Jharkhand	Draft FR completed
11.	Subernarekha-Mahanadi link	Subernarekha & Mahanadi	West Bengal & Odisha	Draft FR Completed
12.	Kosi-Mechi link	Kosi & Mechi	Bihar, West Bengal & Nepal	PFR completed Entirely lies in Nepal
13.	Ganga (Farakka)-Sunderbans link	Ganga & Ichhamati	West Bengal	Draft FR completed
14.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	Manas, Tista & Ganga	-do-	(Alternative to M-S-T-G Link) dropped

- PFR- Pre Feasibility Report
- FR- Feasibility Report
- DPR- Detailed Project Report

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (d) & (e) OF UNSTARRED QUESTION NO. 4224 TO BE ANSWERED IN LOK SABHA ON 18.07.2019 REGARDING “RIVER INTER-LINKING”.

LINK-WISE DETAILS OF VIEWS/OBSERVATIONS RAISED BY VARIOUS STATE GOVERNMENTS

S.No.	Name of Link Project	Concerned States	Views/Observations
1	Pamba - Achankovil - Vaippar link	Tamil Nadu & Kerala	Kerala Assembly has passed a resolution against taking up of the Link Project (2003).
2	Parbati – Kalisindh – Chambal link	Madhya Pradesh & Rajasthan	Government of MP has prepared and submitted the DPRs of Mohanpura Multipurpose Project and Kundaliya dam as a major intra-State link project (important components of Parbati-Kalisindh-Chambal link) to CWC.
3	Mahanadi (Manibhadra) – Godavari link	Odisha, Maharashtra, AP, Karnataka, & Chattisgarh,	Govt. of Odisha is not agreeable to this link Project due to large submergence of Manibhadra dam/reservoir and to the water balance and quantum of water to be diverted.
4	Godavari (Inchampalli) - Krishna link Projects	Odisha, Maharashtra, MP, AP, Telangana, Karnataka, & Chattisgarh,	Govt. of Telangana is not agreeable to the water balance at Inchampalli dam site in Godavari basin.
5	Netravati – Hemavati link	Karnataka, TamilNadu & Kerala	Govt. of Karnataka intends to utilize Netravati water as per its own plan.

- DPR- Detailed Project Report
