

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
RAJYA SABHA
UNSTARRED QUESTION NO. 73
ANSWERED ON 19.07.2021

SPECIAL SCHEME FOR INTER-LINKING OF RIVERS

73 Shri Y. S. Chowdary

Will the Minister of **Jal Shakti** be pleased to state:

- (a) whether Government is contemplating any special scheme for inter-linking of rivers in the country;
- (b) if so, the details thereof and the manner in which the new schemes are different from the earlier schemes which are already being implemented; and
- (c) the rivers which are likely to be inter-linked under river inter-linking scheme in Southern part of India, especially Narmada, Godavari, Krishna and the time by which it is likely to be completed?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI AND TRIBAL AFFAIRS

(SHRI BISHWESWAR TUDU)

(a) & (b) 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 & 14 under Himalayan Component) for preparation of Feasibility Reports (FRs). The details of above river linking projects viz., rivers, States concerned is given at **Annexure**.

(c) Under the Peninsular Component of NPP, the following 14 links are envisaged in the Southern part of India:

1. Mahanadi (Manibhadra) -Godavari (Dowlaiswaram) link
2. Godavari (Inchampalli) - Krishna (Pulichintala) link
3. Godavari (Inchampalli) - Krishna (Nagarjunasagar) link
4. Godavari (Polavaram) - Krishna (Vijayawada) link
5. Krishna (Almatti) – Pennar link
6. Krishna (Srisailem) – Pennar link
7. Krishna (Nagarjunasagar) - Pennar (Somasila) link
8. Pennar (Somasila) - Cauvery (Grand Anicut) link
9. Cauvery (Kattalai) - Vaigai -Gundar link
10. Par-Tapi-Narmada link

11. Damanganga - Pinjal link
12. Bedti - Varda link
13. Netravati – Hemavati link
14. Pamba - Achankovil - Vaippar link

Out of the above 14 links, the following 8 link projects involve Narmada, Godavari and Krishna rivers.

1. Mahanadi (Manibhadra) – Godavari (Dowlaiswaram) link
2. Godavari (Polavaram)–Krishna (Vijayawada) (Implemented by Govt. of AP)
3. Godavari (Inchampalli) –Krishna (Pulichintala) link
4. Godavari (Inchampalli)– Krishna (Nagarjunasagar) link
5. Krishna (Nagarjunasagar)– Pennar (Somasila) link
6. Krishna (Srisailem) – Pennar link
7. Krishna (Almatti) – Pennar link
8. Par-Tapi –Narmada link project

The Pre-Feasibility Reports (PFRs) and FRs of the links under SI no. 1 to 8 above including the Detailed Project Report (DPR) of Par-Tapi-Narmada link project were already completed and circulated to party States. Pending consensus on Manibhadra and Inchampalli dams due to large submergence, alternate study to divert unutilized waters of Indravati sub-basin of Godavari basin have been carried out and the DPR viz. Godavari (Inchampalli barrage)-Cauvery (Grand Anicut) link project has also been completed and circulated to party States. The details of rivers to be linked are already included in Annexure. The Special committee for Interlinking of Rivers (ILR), after considering the views of all the stakeholders, is proceeding ahead to expedite the objectives of the interlinking of rivers in a consultative and cooperative manner. The implementation of the ILR projects involves various steps such as preparation of PFRs/FRs of links, negotiation and consensus among concerned States, preparation of DPRs of the projects, clearance from appraisal agencies which includes clearance by Ministry of Environment & Forests and Climate Change and Ministry of Tribal Affairs, techno-economic clearance by Advisory Committee on Irrigation, Flood control & Multipurpose Projects of Ministry of Jal Shakti, investment clearance and the construction time required for the completion of the projects as per the DPR.

Thus, the implementation of the projects will take varying periods of time. An ILR project would reach the implementation stage when all the statutory clearances are taken and an agreement is reached amongst party states from the implementation of the project.

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 73 TO BE ANSWERED IN RAJYA SABHA ON 19.07.2021 REGARDING “SPECIAL SCHEME FOR INTER-LINKING OF RIVERS”.

Names of Inter Basin Water Transfer Links, the States involved, name of rivers and status of Feasibility Reports/Detailed Project Report

S. No	Name	Rivers	States concerned	Present Status
Peninsular Component				
1	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Mahanadi & Godavari	Odisha, Maharashtra, AP, MP, Telangana, Jharkhand, Karnataka, Chhattisgarh	FR Completed*
2	Godavari (Inchampalli) - Krishna (Pulichintala) link	Godavari & Krishna	Odisha, Maharashtra, AP, MP, Telangana, Karnataka, Chhattisgarh	FR Completed
3	Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Godavari & Krishna	-do-	FR Completed # DPR Completed
4	Godavari (Polavaram) - Krishna (Vijayawada) link	Godavari & Krishna	-do-	FR Completed
5	Krishna (Almati) – Pennar link	Krishna & Pennar	Maharashtra, Andhra Pradesh, Karnataka & Telangana	FR Completed
6	Krishna (Srisailem) – Pennar link	Krishna & Pennar	-do-	FR Completed
7	Krishna (Nagarjunasagar) - Pennar (Somasila) link	Krishna & Pennar	-do-	FR Completed # DPR Completed
8	Pennar (Somasila) - Cauvery (Grand Anicut) link	Pennar & Cauvery	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala & Puducherry	FR Completed # DPR Completed
9	Cauvery (Kattalai) - Vaigai - Gundar link	Cauvery, Vaigai & Gundar	Karnataka, Tamil Nadu, Kerala & Puducherry	DPR Completed
10	Ken-Betwa link	Ken & Betwa	Uttar Pradesh & Madhya Pradesh	DPR (Phase-I, II & Comprehensive report) Completed
11 (i)	Parbati -Kalisindh- Chambal link	Parbati, Kalisindh & Chambal	Madhya Pradesh, Rajasthan & Uttar Pradesh (UP requested to be consulted during consensus building)	FR Completed
(ii)	Parbati-Kuno-Sindh link	Parbati, Kuno and Sindh	MP and Rajasthan	PFR completed\$
12	Par-Tapi-Narmada link	Par, Tapi & Narmada	Maharashtra & Gujarat	DPR Completed
13	Damanganga - Pinjal link	Damanganga & Pinjal	Maharashtra & Gujarat	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

S. No	Name	Rivers	States concerned	Present Status
16	Pamba - Achankovil - Vaippar link	Pamba, Achankovil & Vaippar	Kerala & Tamil Nadu,	FR Completed
<p>* FR of alternate Mahanadi (Barmul) – Rushikulya – Godavari (Dowlaiswaram) link project completed</p> <p># Pending consensus on Manibhadra and Inchampalli dams, alternate study to divert unutilised waters of Godavari river carried out and DPR of Godavari (Inchampalli) – Pennar (Somasila)- Cauvery (Grand Anicut) link project completed.</p> <p>\$ Integration of Eastern Rajasthan Canal Project of Rajasthan and Parbati- Kalisindh-Chambal link.</p>				
Himalayan Component				
1.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Manas, Sankosh, Tista and Ganga	Assam, West Bengal, Bihar& Bhutan	FR completed
2.	Kosi-Ghaghra link	Kosi&Ghaghra	Bihar , Uttar Pradesh & Nepal	PFR completed
3.	Gandak-Ganga link	Gandak&Ganga	-do-	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-	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	FR completed
11.	Subernarekha-Mahanadi link	Subernarekha&Mahanadi	West Bengal & Odisha	FR completed
12.	Kosi-Mechi link	Kosi&Mechi	Bihar , West Bengal & Nepal	PFR completed
13.	Ganga (Farakka)-Sunderbans link	Ganga & Ichhamati	West Bengal	FR completed
14.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	Manas, Tista&Ganga	-do-	Dropped

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