

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 2692
ANSWERED ON 27.12.2018

INTER-LINKING OF RIVERS PROJECTS

2692. SHRI NAGENDRA KUMAR PRADHAN

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) the present status of each of the inter-linking of rivers projects in the country; and
- (b) the steps the Government is taking to go forward with these projects?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS

(SHRI ARJUN RAM MEGHWAL)

(a) The National Perspective Plan (NPP) was prepared by the then Ministry of Irrigation (now Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD & GR) in August 1980 for transferring water from water surplus basins to water-deficit basins. Under the NPP, the National Water Development Agency (NWDA) identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports (FRs). The names of Inter Basin Water Transfer Links, names of rivers and the States concerned are given in **Annexure**.

Four priority links have been identified for preparation of Detailed Project Reports (DPR) under the Peninsular Rivers Component viz; Ken-Betwa link project (KBLP) Phase –I & II, Damanganga-Pinjal link project, Par-Tapi-Narmada link project and Godavari-Cauvery link project. The preparation of DPR of a project is taken up only after consent of concerned State Governments. Based on the concurrence of the concerned States, DPRs of KBLP Phase-I & Phase-II, Damanganga-Pinjal link project and Par-Tapi-Narmada link project have been completed. The techno-economic clearance and various statutory clearances of the KBLP Phase-I have been accorded except clearance from Central Empowered Committee (CEC) of the Supreme Court. Based on the request of Government of Madhya Pradesh, Lower Orr dam, Bina complex and Kotha barrage projects have been included in KBLP Phase-II. The DPR of these projects have been completed by NWDA/ Government of Madhya Pradesh. The Environmental Clearance and Forest Land Diversion Clearances for Lower Orr dam have been recommended by Expert Appraisal Committee and Forest Advisory Committee of Ministry of Environment, Forest and Climate Change (MoEF & CC) respectively. Clearance for Resettlement and Rehabilitation plan of Project Affected Families has

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also been accorded by Ministry of Tribal Affairs (MoTA) subject to certain conditions. Environmental clearance and Stage-I&II clearances for Bina complex projects have been accorded by MoEF&CC. The draft Memorandum of Agreement (MoA) for implementation of Ken-Betwa Link Project has been sent to Uttar Pradesh and Madhya Pradesh for concurrence.

The techno-economic clearance of the Damanganga-Pinjal link project has also been accorded, subject to statutory clearances. The DPR of Par-Tapi-Narmada link project has been completed by NWDA. The combined draft MoA for implementation of Damanganga-Pinjal and Par-Tapi-Narmada Link (including the four intra-state link projects of Maharashtra State) has been sent to Maharashtra and Gujarat State Governments for concurrence.

The implementation of Inter linking of Rivers (ILR) projects involves various steps such as preparation of Pre-feasibility Reports(PFRs) /Feasibility Reports of links, negotiation and consensus among concerned States, agreement with neighbouring countries if link involves area lying in those countries, preparation of Detailed Project Report (DPRs) of the projects, clearance from appraisal agencies which includes clearance by Ministry of Environment & Forests and Climate Change (MoEF&CC) and Ministry of Tribal Affairs (MoTA), techno-economic clearance by Advisory Committee on Irrigation, Flood control & multipurpose projects of MoWR, RD & GR, investment clearance and the construction time required for the completion of the project as per the DPR.

(b) The ILR programme has been taken up on priority. The Government is pursuing the ILR program in a consultative manner. A “Special Committee on Interlinking of Rivers” has been constituted in September, 2014 under the Chairmanship of Hon`ble Minister of WR, RD&GR for the implementation of ILR programme. Fifteen meetings of the Special Committee for ILR have been held so far (last meeting held on 20.08.2018), wherein State Irrigation/ Water Resources Ministers along with Secretaries of various States participated. The Special Committee on ILR takes into consideration all the suggestions/observations of the stakeholders while planning and formulating the ILR projects. Vigorous efforts have been made for generating consensus with development of alternative plans and also setting out road maps for implementation of mature projects. Further, a Task Force for Interlinking of Rivers has been constituted by MoWR, RD & GR in April, 2015. Ten meetings of the Task Force for interlinking of rivers have been held so far and the last meeting was held on 05.10.2018.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2692 TO BE ANSWERED IN LOK SABHA ON 27.12.2018 REGARDING “INTER-LINKING OF RIVERS PROJECTS”.

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 (Srisaillam) – 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
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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