

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
STARRED QUESTION NO. †*77
ANSWERED ON 21.07.2016

INTERLINKING OF RIVERS

†*77. SHRI HARISHCHANDRA CHAVAN
 SHRI DHARAMBIR

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

- (a) the salient features of the policy for interlinking of Rivers in the country;
- (b) the details of the River linking proposals/projects initiated by the Government along with the current status of each of them, particularly the Sharda-Ganga project;
- (c) the budgetary allocation made under the River linking initiative of the Government since its inception and the actual utilization of funds so far;
- (d) whether the work of interlinking of rivers is being adversely affected due to various disputes particularly the inter-State disputes on several rivers; and
- (e) if so, the details thereof and the steps being taken/proposed to be taken by the Government to overcome such hindrances for smooth execution of the river linking project?

ANSWER

THE MINISTER OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(SUSHRI UMA BHARTI)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (e) OF STARRED QUESTION NO. *77 TO BE ANSWERED ON 21.07.2016 REGARDING INTERLINKING OF RIVERS.

(a) & (b) The inter-basin transfer of water, through interlinking of rivers (ILR), is considered to be essential for addressing the twin problems of water scarcity and floods. Under the National Perspective Plan (NPP) for ILR prepared by this Ministry, 30 links (16 under Peninsular Component & 14 under Himalayan Component) have been identified for preparation of Feasibility Reports. After survey and investigations, Feasibility Reports of 14 links under Peninsular Component and Feasibility Reports of 2 links & draft Feasibility Reports of 7 links (Indian portion) under Himalayan Component have been completed. Present status of ILR Projects is given at **Annexure**.

The Sharda- Yamuna link is one of the links identified by National Water Development Agency (NWDA) under the Himalayan Component of NPP. The Sharda-Yamuna link originates from the Pancheshwar Dam - a multipurpose project, which is located on river Sharda (known as Mahakali in Nepal) on the international border between India and Nepal. The Feasibility Report of Sharda – Yamuna link project (Indian portion) was prepared by NWDA in the year 2003. On the basis of the balance water available at tail end of the link, the draft Feasibility Report for subsequent connecting links i.e. Yamuna - Rajasthan link and Rajasthan – Sabarmati link (in Gujarat), which covers U.P., Haryana, Rajasthan, and Gujarat, was also prepared by NWDA. The Detailed Project Report (DPR) of the Pancheshwar multipurpose project is being prepared and finalised by the Pancheshwar Development Authority - recently constituted jointly by Governments of India and Nepal, by considering the latest hydrological and other relevant data. The DPR of Pancheshwar Project as and when finalized and agreed by the two countries will have a bearing on planning of Sharda – Yamuna and subsequent links.

(c) The projects under the ILR Programme are at various stages of planning. As such, till date no expenditure has been incurred on the execution of the projects. However, NWDA has incurred an expenditure of Rs. 588.8 crores during the period for preparation of Preliminary Water Balance Studies, Pre Feasibility Reports, Feasibility Reports and Detailed Project Reports related to ILR programme.

(d) & (e) The Government is pursuing the Interlinking of Rivers programme in a consultative manner. Its implementation is dependent upon the consensus and co-operation of the concerned States and upon obtaining various mandatory clearances from Ministry/ Departments of Central and State Governments including statutory clearances. In order to speed up the implementation of Inter-Linking of River Programme and to arrive at a consensus on the link proposals between the States, a 'Special Committee for Interlinking of Rivers', has been constituted by the Ministry of Water Resources, River Development & Ganga Rejuvenation in September, 2014. Nine meetings of the Special Committee for Interlinking of River (ILR) have been held so far, wherein State Irrigation/ Water Resources Ministers along with the Secretaries of various States remained present. The Committee after considering the views of all the stakeholders is taking all necessary steps for expediting the objectives of interlinking rivers programme as per terms of reference of the Committee.

Annexure referred to in reply to parts (a) & (b) of Starred Question No. *77 due for answer in Lok Sabha on 21.07.2016 regarding Interlinking of Rivers.

Sl. No	Name	States concerned	States benefited	Status
Peninsular Component				
1	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Orissa, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh,	Andhra Pradesh & Orissa	Feasibility Report Completed
2	Godavari (Inchampalli) - Krishna (Pulichintala) link	Orissa, Maharashtra, Madhya Pradesh, Andhra Pradesh, Telangana, Karnataka & Chattisgarh,	Telangana & Andhra Pradesh	Feasibility Report Completed
3	Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	-do-	Telangana	Feasibility Report Completed
4	Godavari (Polavaram) - Krishna (Vijayawada) link	Orissa, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh,	Andhra Pradesh	Feasibility Report Completed
5	Krishna (Almatti) – Pennar link	-do-	Andhra Pradesh & Karnataka	Feasibility Report Completed
6	Krishna (Srisailem) – Pennar link	-do-	--	Feasibility Report Completed
7	Krishna (Nagarjunasagar) - Pennar (Somasila) link	Maharashtra, Andhra Pradesh & Karnataka,	-do-	Feasibility Report Completed
8	Pennar (Somasila) - Cauvery (Grand Anicut) link	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala & Puducherry	Andhra Pradesh, Tamil Nadu & Puducherry	Feasibility Report Completed
9	Cauvery (Kattalai) - Vaigai - Gundar link	Karnataka, Tamil Nadu, Kerala & Puducherry	Tamil Nadu	Feasibility Report Completed
10	Ken-Betwa link a) Ken-Betwa Link Phase-I b) Ken-Betwa link Phase-II	Uttar Pradesh & Madhya Pradesh - do -	Uttar Pradesh & Madhya Pradesh Madhya Pradesh	DPR Phase-I completed in April 2010 & DPR Phase-II Completed in January 2014.
11	Parbati -Kalisindh- - Chambal link	Madhya Pradesh, Rajasthan & Uttar Pradesh (UP requested to be consulted during consensus building)	Madhya Pradesh & Rajasthan	Feasibility Report Completed
12	Par-Tapi-Narmada link	Maharashtra & Gujarat	Gujarat	DPR completed in August 2015
13	Damanganga - Pinjal link (As per DPR)	Maharashtra & Gujarat	Maharashtra (only water supply to Mumbai)	DPR Completed in March 2014.
14	Bedti - Varda link	Maharashtra, Andhra Pradesh & Karnataka	Karnataka	Pre-Feasibility Report Completed
15	Netravati – Hemavati link	Karnataka, Tamil Nadu & Kerala	Karnataka	Pre-Feasibility Report Completed
Sl.	Name	States concerned	States benefited	Status

No				
16	Pamba - Achankovil - Vaippar link	Kerala & Tamil Nadu,	Tamil Nadu	Feasibility Report Completed
Himalayan Component				
1.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Assam, West Bengal, Bihar & Bhutan	Assam, West Bengal & Bihar	FR in progress
2.	Kosi-Ghaghra link	Bihar, Uttar Pradesh & Nepal	Bihar & Uttar Pradesh	FR in Indian portion in progress
3.	Gandak-Ganga link	-do-	Uttar Pradesh	Draft FR completed (for Indian portion)
4.	Ghaghra-Yamuna link	-do-	Uttar Pradesh	FR completed (for Indian portion)
5.	Sarda-Yamuna link	Bihar, Uttar Pradesh, Haryana, Rajasthan, Uttarakhand & Nepal	Uttar Pradesh & Uttarakhand	FR completed (for Indian portion)
6.	Yamuna-Rajasthan link	Uttar Pradesh, Gujarat, Haryana & Rajasthan	Haryana & Rajasthan	Draft FR completed
7.	Rajasthan-Sabarmati link	-do-	Rajasthan & Gujarat	Draft FR completed
8.	Chunar-Sone Barrage link	Bihar & Uttar Pradesh	Bihar & Uttar Pradesh	Draft FR completed
9.	Sone Dam – Southern Tributaries of Ganga link	Bihar & Jharkhand	Bihar & Jharkhand	FR in progress
10.	Ganga(Farakka)-Damodar-Subernarekha link	West Bengal, Orissa & Jharkhand	West Bengal, Orissa & Jharkhand	Draft FR completed
11.	Subernarekha-Mahanadi link	West Bengal & Orissa	West Bengal & Orissa	Draft FR Completed
12.	Kosi-Mechi link	Bihar, West Bengal & Nepal	Bihar	PFR completed. FR to be taken up Entirely lies in Nepal
13.	Farakka-Sunderbans link	West Bengal	West Bengal	Draft FR completed
14.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	-do-	Assam, West Bengal & Bihar	Alternative to M-S-T-G Link. Not to be taken up.

FR -- Feasibility Report

PFR – Pre feasibility Report

DPR – Detailed Project Report

S&I -- Survey and Investigation

MCM -- Million Cubic Meters