

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †3377
ANSWERED ON 15.03.2018

WORKS UNDER INTER-LINKING OF RIVERS PROJECT

†3377. SHRI SUBHASH CHANDRA BAHERIA

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

- (a) the current status of the ambitious project of the Government regarding interlinking of rivers in the country;
- (b) the details of States where work has been initiated thereunder; and
- (c) the status of the said project in the State of Rajasthan along with the achievements made in this regard so far?

ANSWER

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

(SHRI ARJUN RAM MEGHWAL)

(a) & (b) 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 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 Pre-Feasibility Report (PFR) of the all 30 links have been prepared and circulated to the concerned State Governments by the NWDA. After survey and investigations, Feasibility Reports of 14 links under Peninsular Component and Feasibility Reports of 2 links and draft Feasibility Reports of 7 links (Indian portion) under Himalayan Component have been completed. Present status, States concerned with Inter Basin Water Transfer Links are given in **Annexure**.

Four priority links under Peninsular Rivers Component have been identified for preparation of Detailed Project Reports (DPR) viz; Ken-Betwa link project (KBLP) Phase –I & II, Damanganga-Pinjal link project, Par-Tapi-Narmada link project and Mahanadi-Godavari 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. Based on the request of Government of M.P., the DPRs of projects included under KBLP Phase-II viz., Lower Orr dam, Bina complex projects and Kotha barrage have been completed by NWDA/ Government of M.P. and have been submitted for techno-economical appraisal in Central Water Commission (CWC). 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 submitted for technical appraisal in CWC. The DPR of the Mahanadi – Godavari link could not be taken up as the Government of Odisha was not agreeable for Mahanadi – Godavari link, a mother link of 9 link system viz., Mahanadi – Godavari – Krishna – Pennar – Palar – Cauvery – Vaigai – Gundar linkage due to large submergence involved in Manibhadra Dam. Based on the suggestions of WRD, Govt. of Odisha, NWDA has prepared a preliminary revised proposal of Mahanadi- Godavari Link Project with reduced submergence and submitted to the State Govt. of Odisha for consideration.

(c) Three links under NPP namely i) Parbati -Kalisindh- - Chambal link, ii) Yamuna-Rajasthan link and iii) Rajasthan-Sabarmati link are benefitting to the Rajasthan State.

The FRs of Parbati -Kalisindh- Chambal link were completed in March, 2004 and circulated to the concerned States. The consensus for preparation of DPR for Parbati-Kalisindh-Chambal link from concerned States of Rajasthan and Madhya Pradesh could not be reached.

The draft FR for Yamuna - Rajasthan link and Rajasthan – Sabarmati link were also prepared by NWDA. These two links are dependent on water from the Sardar-Yamuna (S-Y) link. The S-Y link is one of the link identified by NWDA under the Himalayan Component of NPP which originates from the Pancheshwar Dam - a multipurpose project which is located on river Sarada (known as Mahakali in Nepal) at international border between India and Nepal. The FR of S-Y 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 FR for subsequent connecting links i.e. Yamuna - Rajasthan link and Rajasthan – Sabarmati link (in Gujarat) was also prepared by NWDA. The work of DPR of the Pancheshwar multipurpose project was entrusted to Pancheshwar Development Authority - constituted jointly by Governments of India and Nepal, by considering the latest hydrological data as per requirement of power generation and other relevant data. The DPR of Pancheshwar Project as and when finalized and agreed by the two countries will have bearing on planning of S-Y link and subsequent links.

ANNEXURE

Annexure referred to in reply to parts (a) & (b) of Unstarred Question No. †3377 to be answered in Lok Sabha on 15.03.2018 regarding “Works Under Inter-Linking of River Project”.

Present status 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
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 (Srisaïlam) – 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
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