

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †842
ANSWERED ON 07.02.2019

WATER MANAGEMENT

†842. SHRIMATI REKHA VERMA
 SHRI LALLU SINGH

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

- (a) whether the problem of water scarcity can be addressed by streamlining the water management in the country;
- (b) if so, the details thereof and the reaction of the Government thereto;
- (c) whether the inter-linking of rivers can play a major role in water management; and
- (d) if so, the reaction of the Government thereto along with the names of rivers selected so far for inter-linking?

ANSWER

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

(SHRI ARJUN RAM MEGHWAL)

(a) & (b) Yes, Madam. The development and management of water plays a vital role in tackling the problem of water scarcity. The National Water Policy (2012) states that water needs to be managed as a common pool community resource held by the State, under public trust doctrine to achieve food security, support livelihood, and ensure equitable and sustainable development for all. Water being a State subject, measures for management of water resources are primarily taken by respective State Governments. Central Government supplements the efforts of the State Governments by providing technical and financial assistance through various centrally funded programmes.

Central Government has formulated a National Perspective Plan (NPP) for Water Resources Development which envisages transfer of water from water surplus basins to water deficit basins to improve availability of water.

During 2016-17, ninety-nine (99) on-going Major/Medium irrigation projects under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)-Accelerated Irrigation Benefits Programme (AIBP), having ultimate irrigation potential of 76.03 lakh hectares and balance estimated cost of

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Rs.77595 crore (Central Assistance (CA) component of Rs. 31342 Crore) have been prioritized in consultation with States, for completion in phases up to December, 2019 along with their Command Area Development & Water Management (CADWM) works.

Central Government has launched the National Water Mission with the objective of conservation of water, minimizing wastage and ensuring its more equitable distribution both across and within States through integrated water resources development and management.

Some other initiatives/measures taken by the Central Government for conservation and management of water are available at the URL:http://mowr.gov.in/sites/default/files/MeasuresForGW-Depletion_1.pdf

(c) & (d) Yes, Madam. Interlinking of rivers can play a major role in Water Management in the country. The National Perspective Plan (NPP) for transferring water from water surplus basins to water-deficit basins was prepared in August 1980. The link projects under NPP are judicially planned and designed to transfer water from surplus basins to the deficit / water short basins and thus minimizing water going to sea unutilized and mitigating the effects of floods and droughts to some extent. 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 name of rivers selected for inter-linking and present status are given in **Annexure-I**.

ANNEXURE-I

Annexure referred to in reply to part (c) & (d) of Unstarred Question No. †842 to be answered in Lok Sabha on 07.02.2019 regarding “Water Management”

Details of Inter Basin Water Transfer Links

Sl. No	Name	Rivers	States concerned	Present Status
Himalayan Component				
1.	Kosi-Mechi link	Kosi & Mechi	Bihar, West Bengal & Nepal	PFR completed. Entirely lies in Nepal
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.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Manas-Sankosh-Tista-Ganga	Assam, West Bengal, Bihar & Bhutan	PFR completed
11.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	Manas, Tista & Ganga	-do-	(Alternative to M-S-T-G Link) dropped
12.	Ganga (Farakka)-Sunderbans link	Ganga & Ichhamati	West Bengal	Draft FR completed
13.	Ganga (Farakka)-Damodar-Subernarekha link	Ganga, Damodar & Subernarekha	West Bengal, Odisha & Jharkhand	Draft FR completed
14.	Subernarekha-Mahanadi link	Subernarekha & Mahanadi	West Bengal & Odisha	Draft FR Completed
Peninsular Component				
15	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Mahanadi & Godavari	Odisha, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh	FR Completed
16	Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Godavari & Krishna	Odisha, Maharashtra, Madhya Pradesh, Andhra Pradesh, Karnataka & Chattisgarh,	FR Completed
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Sl. No	Name	Rivers	States concerned	Present Status
17	Godavari (Inchampalli) - Krishna (Pulichintala) link	Godavari & Krishna	-do-	FR Completed
18	Godavari (Polavaram) - Krishna (Vijayawada) link	Godavari & Krishna	Odisha, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh	FR Completed
19	Krishna (Almatti) – Pennar link	Krishna & Pennar	-do-	FR Completed
20	Krishna (Srisailam) – Pennar link	Krishna & Pennar	-do-	FR Completed
21	Krishna (Nagarjunasagar) - Pennar (Somasila) link	Krishna & Pennar	Maharashtra, Andhra Pradesh & Karnataka,	FR Completed
22	Pennar (Somasila) – Palar-Cauvery (Grand Anicut) link	Pennar& Cauvery	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala & Puducherry	FR Completed
23	Cauvery (Kattalai)-Vaigai -Gundar link	Cauvery, Vaigai & Gundar	Karnataka, Tamil Nadu, Kerala & Puducherry	FR Completed
24	Ken-Betwa link	Ken & Betwa	Uttar Pradesh & Madhya Pradesh	FR & DPR (Phase-I&II) Completed. Comprehensive DPR sent to Govt. of MP & UP.
25	Parbati -Kalisindh-Chambal link	Parbati, Kalisindh & Chambal	Madhya Pradesh, Rajasthan & Uttar Pradesh (UP requested to be consulted during consensus building)	FR Completed
26	Par-Tapi-Narmada link	Par, Tapi & Narmada	Maharashtra & Gujarat	FR & DPR Completed.
27	Damanganga - Pinjal link	Damanganga & Pinjal	Maharashtra & Gujarat	FR & DPR Completed
28	Bedti -Varda link	Bedti & Varda	Maharashtra, Andhra Pradesh & Karnataka	PFR Completed
29	Netravati – Hemavati link	Netravati & Hemavati	Karnataka, Tamil Nadu & Kerala	PFR Completed
30	Pamba - Achankovil - Vaippar link	Pamba, Achankovil & Vaippar	Kerala & Tamil Nadu,	FR Completed

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