

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**

**UNSTARRED QUESTION NO. 1608**

ANSWERED ON 15.12.2022

**BENEFIT OF INTER-LINKING OF RIVERS**

1608                      SHRI PARTHIBAN S.R

Will the Minister of JAL SHAKTI be pleased to state:-

- (a) the details of the steps being taken by the Government for inter-linking of river projects in the country, river-wise;
- (b) the projects identified, the funds sanctioned and spent thereon since 2016 till date; and
- (c) the details of the benefits in respect of irrigation, drinking water supply and hydro power generation through these projects along with the estimated cost thereof?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

**(a) to (b)** Under the National Perspective Plan (NPP), the National Water Development Agency (NWDA) has identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports. Detailed Project Reports (DPRs) of eight links have been completed. Details and current status of the proposals for inter-state linking of rivers under the Inter Linking of Rivers (ILR) Programme is furnished at **Annexure-I**.

The Government is pursuing the inter-linking of rivers (ILR) program in a consultative manner and accorded top priority. A “Special Committee on Interlinking of Rivers” has been constituted in September, 2014 for the implementation of ILR programme. Twenty meetings of the Special Committee have been held so far. Further, a Task Force for Interlinking of Rivers has been constituted by MoWR, RD & GR (now Ministry of Jal Shakti) in April, 2015 for expediting the works under ILR programme and 16 meetings of the Task Force have been held so far.

Ken-Betwa Link project (KBLP) is the first ILR project, for which implementation has been initiated. In December, 2021, Government of India approved for implementation of KBLP at an estimated cost of Rs. 44,605 crore (at year 2020-21 price level), including a central support of Rs. 39,317 crore. During the financial year 2021-22, the budget allocation made for implementation of KBLP was Rs. 4,642.03 crore, while the expenditure made was Rs. 4,639.46 crore. For financial year 2022-23, a budget allocation of Rs. 1,400 crore has been made for the purpose, while the expenditure made so far during the current financial year is Rs. 394.77 crore.

A statement of expenditure on studies, surveys and investigation works done by NWDA for ILR projects since 2016 is furnished at **Annexure-II**.

(c) The implementation of the ILR projects under NPP will give benefits of 25 million ha of irrigation from surface waters, 10 million ha by increased use of ground waters, apart from generation of 34 million Kilo Watts of hydro power and other benefits of flood control, navigation, augmentation of water supply, fisheries, salinity, pollution control and employment generation, etc. The implementation of ILR projects as per NPP will help in harnessing and transfer of 166 Billion Cubic Metres of water and would entail an estimated cost Rs. 8.44 lakh crore (at year 2015-16 price level).

KBLP, inter alia, envisages providing annual irrigation to an area of 10.62 lakh ha (8.11 lakh ha in Madhya Pradesh and 2.51 lakh ha in Uttar Pradesh). It will provide 194 Million Cubic Metre (MCM) of water for enroute drinking water supply to a population of 62 lakh (41 lakh in Madhya Pradesh and 21 lakh in Uttar Pradesh) and will have an installed power generation capacity of 103 megawatt (MW). This project entails an estimated cost of Rs. 44,605 crore (at year 2020-21 price level).

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**Details and status of the proposals for inter-state linking of rivers under the Inter Linking of Rivers Programme**

<b>S. No</b>	<b>Name</b>	<b>Rivers</b>	<b>States concerned</b>	<b>Status</b>
<b>Peninsular Component</b>				
1(a)	Mahanadi (Manibhadra)– Godavari (Dowlaiswaram) link	Mahanadi and Godavari	Jharkhand, Madhya Pradesh, Chhattisgarh, Telangana, Andhra Pradesh, Odisha, Karnataka and Maharashtra	FR Completed.
1(b)	Mahanadi (Bermul)– Godavari (Dowlaiswaram) link	Mahanadi and Godavari	do	FR Completed.
2	Godavari(Inchampall)- Krishna(Pulichintala) link	Godavari and Krishna	Odisha, Madhya Pradesh, Chhattisgarh, Telangana, Andhra Pradesh, Maharashtra and Karnataka	FR Completed.
3	Godavari(Inchampalli)- Krishna (Nagarjunasagar) link	Godavari and Krishna	-- do--	FR Completed.
				DPR Completed.
4	Godavari(Polavaram) - Krishna(Vijayawada) link	Godavari and Krishna	-- do--	FR Completed.
5	Krishna(Almatti) –Pennar link	Krishna and Pennar	Telangana, Andhra Pradesh, Maharashtra and Karnataka	FR Completed.
6	Krishna (Srisailam)– Pennar link	Krishna and Pennar	-- do--	FR Completed.
7	Krishna(Nagarjunasagar)-Pennar (Somasila) link	Krishna and Pennar	-- do--	FR Completed.
				DPR Completed.
8	Pennar (Somasila)– Cauvery(Grand Anicut) link	Pennar and Cauvery	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala and Puducherry	FR Completed.
				DPR Completed.
9	Cauvery (Kattalai)– Vaigai–Gundar link	Cauvery, Vaigai and Gundar	Karnataka, Tamil Nadu, Kerala and Puducherry	DPR Completed.

10	Ken–Betwa link	Ken and Betwa	Uttar Pradesh and Madhya Pradesh	DPR Completed. KBLP has been approved.
11	Parbati – Kalisindh – Chambal link	Parbati, Kalisindh and Chambal	Madhya Pradesh, Uttar Pradesh and Rajasthan requested to be Consulted during consensus building)	FR Completed.
(ii)	Parbati-Kuno-Sindh link	Parbati, Kuno and Sindh	Madhya Pradesh and Rajasthan	PFR completed.\$
12	Par-Tapi-Narmada link	Par, Tapi and Narmada	Maharashtra and Gujarat	DPR Completed.
13	Damanganga – Pinjal link	Damanganga and Pinjal	--do--	DPR Completed.
14	Bedti-Varada link	Bedti and Varada	Maharashtra, Andhra Pradesh and Karnataka	PFR Completed. Draft DPR completed
15	Netravati – Hemavati link	Netravati and Hemavati	Karnataka, Tamil Nadu and Kerala	PFR Completed.
16	Pamba - Achankovil – Vaippar link	Pamba, Achankovil and Vaippar	Kerala and Tamil Nadu	FR Completed.

\$ Integration of Eastern Rajasthan Canal Project of Rajasthan and Parbati – Kalisindh – Chambal link.

<b>Himalayan Component</b>				
1.	Manas-Sankosh-Tista-Ganga(M-S-T-G)link	Manas, Sankosh, Tista and Ganga	BHUTAN&INDIA (Assam, West Bengal and Bihar)	FR completed.
2.	Kosi-Ghaghra link	Kosi and Ghaghra	NEPAL&INDIA (Bihar and Uttar Pradesh)	PFR completed
3.	Gandak-Ganga link	Gandak and Ganga	--do--	FR completed (Indian portion)
4.	Ghaghra-Yamuna link	Ghaghra and Yamuna	--do--	FR completed (Indian portion)
5.	Sarda-Yamuna link	Sarda and Yamuna	NEPAL&INDIA (Bihar, Uttar Pradesh, Uttarakhand, Haryana And Rajasthan)	FR completed (Indian portion)

6.	Yamuna-Rajasthan link	Yamuna and Sukri	Gujarat, Rajasthan, Haryana and UttarPradesh	FR completed
7.	Rajasthan-Sabarmati link	Sabarmati	--do--	FR completed
8.	Chunar-Sone Barrage link	Ganga and Sone	Bihar and Uttar Pradesh	Draft FR completed
9.	Sone Dam – Southern Tributaries of Ganga link	Sone and Badua	Bihar and Jharkhand	PFR completed
10.	Ganga (Farakka)-Damodar-Subernarekha link	Ganga, Damodar and Subernarekha	West Bengal, Odisha and Jharkhand	FR completed DPR in progress
11.	Subernarekha-Mahanadi link	Subernarekha and Mahanadi	West Bengal and Odisha	FR completed
12.	Kosi-Mechi Link	Kosi and Mechi	NEPAL & INDIA (Bihar and West Bengal)	PFR completed
13.	Ganga (Farakka)-Sunderbans link	Ganga and Ichhamati	West Bengal	FR completed
14.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	Manas, Tista and Ganga	Assam, Bihar and West Bengal	Dropped

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

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**STATEMENT OF EXPENDITURE ON STUDIES, SURVEYS AND INVESTIGATION WORKS DONE BY NWDA FOR ILR PROJECTS SINCE 2016**

<b>Year</b>	<b>Expenditure ( in Rs. crore)</b>
2016-17	69.68
2017-18	74.26
2018-19	80.28
2019-20	72.32
2020-21	68.78
2021-22	67.35
2022-23 (upto November, 2022)	56.62

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