

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

**STARRED QUESTION NO. \*211**

ANSWERED ON 03.08.2023

**INTER-LINKING OF RIVERS**

† \*211      SHRI RAJIV RANJAN SINGH ALIAS LALAN SINGH  
                 SHRI DHARAMBIR SINGH

Will the Minister of JAL SHAKTI be pleased to state:

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

**ANSWER**

**THE MINISTER OF JAL SHAKTI**

(SHRI GAJENDRA SINGH SHEKHAWAT)

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

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. \*211 TO BE ANSWERED ON 03.08.2023 REGARDING “INTER-LINKING OF RIVERS”.**

**(a)** Under the National Perspective Plan (NPP) prepared in year 1980 for inter-basin water transfer, National Water Development Agency (NWDA) has identified 30 links (16 under the Peninsular River Development Component and 14 under the Himalayan River Development Component). Out of 30 identified link projects, Pre-Feasibility Reports (PFRs) of all the 30 links, Feasibility Reports (FRs) of 24 links and Detailed Project Reports (DPRs) of 11 links have been completed. 5 links under NPP have been identified as priority links, viz; Ken-Betwa Link Project (KBLP), Modified Parbati-Kalisindh-Chambal Link Project and 3 links under Godavari-Cauvery Link project. Sharda-Yamuna Link Project is a part of the Himalayan River Development Component of the NPP and its alignment crosses the river Ganga and also provides benefits in the Ganga basin. Latest status of the Inter-Linking of Rivers (ILR) projects is given at **Annexure-1**.

KBLP is the first ILR project under the NPP which is under implementation. A tripartite agreement was signed amongst the States of Madhya Pradesh (MP), Uttar Pradesh (UP) and the Government of India for implementation of KBLP in March, 2021. The Government of India approved the implementation of KBLP with an estimated cost of Rs. 44,605 crore at year 2020-21 price level with central support of Rs. 39,317 crore {90 (Centre): 10(State)} through a Special Purpose Vehicle, viz., Ken-Betwa Link Project Authority.

**(b)** The budgetary allocation has been made under the river linking initiative of the Government for India for KBLP only, as this is the first ILR project which is under implementation. A total expenditure of Rs. 8,335.63 crore has so far been incurred for the project, which includes Rs. 2,609.74 crore from the budget of State Government of MP, and Rs. 4,639.46 crore during Financial Year (FY) 2021-22 and Rs. 622.43 crore during FY 2022-23 from the Union Budget. A budgetary allocation of Rs. 3,500 crore has been made for the current FY 2023-24 in the Union budget for KBLP, out of which, Rs. 464.00 crore has been utilized up to 30.06.2023.

**(c) & (d)** The Government has been pursuing the ILR programme in a consultative manner. Consensus building among the party States is crucial for implementation of the ILR projects. Government of India has made vigorous efforts at various levels for consensus building among the States for implementation of ILR projects. A Special Committee on Interlinking of Rivers (SCILR) has been constituted in September, 2014 for the implementation of ILR programme. 20 meetings of the SCILR have been held so far. Further, a Task Force for Interlinking of Rivers (TFILR) has been constituted in April, 2015 and 17 meetings of the same have been held so far. States have wide representation and participation in these meetings, wherein concerted efforts are made for building consensus among the party States and for setting out road maps for implementation of the ILR projects. It is, however, for the party States to reach a consensus for implementation of an ILR project.

**(e)** The current status of Renuka, Kishau and Lakhwar dams is given at **Annexure-II**.

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA STARRED  
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**STATUS OF INTER BASIN WATER TRANSFER LINK SCHEMES UNDER**

**Peninsular Component**

Sl. No	Name	States benefited	Status
1	a. Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	AP& Odisha	FR completed
	b. Alternate Mahanadi (Barmul) - Rushikulya – Godavari (Dowlaiswaram) link	AP& Odisha	FR completed
2	Godavari (Polavaram) - Krishna (Vijayawada) link	AP	FR completed
3	a. Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Telangana	FR completed
	b. Alternate Godavari (Inchampalli) - Krishna (Nagarjunasagar) link *	Telangana	DPR completed
4	Godavari (Inchampalli/ SSMPP) - Krishna (Pulichintala) link	Telangana & AP	DPR completed
5	a. Krishna (Nagarjunasagar) - Pennar (Somasila ) link	AP	FR completed
	b. Alternate Krishna (Nagarjunasagar) - Pennar (Somasila ) link *	AP	DPR completed
6	Krishna (Srisailem) – Pennar link	AP	Draft DPR completed
7	Krishna (Almatti) – Pennar link	AP & Karnataka	Draft DPR completed
8	a)Pennar (Somasila) - Cauvery (Grand Anicut) link	AP, Tamil Nadu & Puducherry	FR completed
	b)Alternate Pennar (Somasila) - Cauvery (Grand Anicut) link *	AP, Tamil Nadu & Puducherry	DPR completed
9	Cauvery (Kattalai) - Vaigai -Gundar link	Tamil Nadu	DPR completed
10	a. Parbati –Kalisindh - Chambal link	MP & Rajasthan	FR completed
	b. Modified Parbati – Kalisindh-Chambal link ( duly integrated with ERCP)	MP & Rajasthan	PFR completed (Phase-I)
11	Damanganga - Pinjal link (As per DPR )	Maharashtra (only water supply to Mumbai)	DPR completed
12	Par-Tapi-Narmada link (As per DPR)	Gujarat	DPR completed
13	Ken-Betwa link	Uttar Pradesh & Madhya Pradesh	DPR completed & project is under implementation
14	Pamba - Achankovil - Vaippar link	Tamil Nadu and Kerala	FR completed
15	Bedti - Varda link	Karnataka	DPR completed
16	Netravati – Hemavati link **	Karnataka	PFR completed

\* Due to pending consensus on Manibhadra and Inchampalli dams, alternate study to divert unutilized waters of Godavari river was carried out and DPR of Godavari (Inchampalli/ Janampet) – Krishna (Nagarjunasagar) - Pennar (Somasila) – Cauvery (Grand Anicut) link projects completed. Godavari-Cauvery (Grand Anicut) link project has been prepared comprising Godavari (Inchampalli / Janampet) - Krishna (Nagarjunasagar), Krishna (Nagarjunasagar) - Pennar (Somasila) and Pennar (Somasila) - Cauvery(Grand Anicut) link projects.

\*\* Further studies are not taken up since after implementation of Yettinahole project by Govt. of Karnataka as no surplus water is available in Netravati basin for diversion through this link.

### **Himalayan Component**

Sl. No.	Name of the Link	Country/ States benefited	Status
1.	Kosi-Mechi link	Bihar & Nepal	PFR completed
2.	Kosi-Ghaghra link	Bihar & U.P & Nepal	Draft FR completed
3.	Gandak - Ganga link	U.P & Nepal	FR completed (Indian portion)
4.	Ghaghra - Yamuna link	U.P & Nepal	FR completed (Indian portion)
5.	Sarda - Yamuna link	U.P & Uttarakhand	FR completed
6.	Yamuna-Rajasthan link	Haryana & Rajasthan	FR completed
7.	Rajasthan-Sabarmati link	Rajasthan & Gujarat	FR completed
8.	Chunar-Sone Barrage link	Bihar & U.P	PFR completed
9.	Sone Dam - Southern Tributaries of Ganga link	Bihar & Jharkhand	PFR completed
10.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Assam, W.B & Bihar	FR completed
11.	Jogighopa-Tista-Farakka (Alternative to M-S-T-G) link	Assam, W.B & Bihar	PFR completed (The proposal has been dropped)
12.	Farakka-Sundarbans link	W.B	FR completed
13.	Ganga(Farakka) - Damodar-Subarnarekha link	W.B., Odisha& Jharkhand	FR completed
14.	Subarnarekha-Mahanadi link	W.B. & Odisha	FR completed

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

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF LOK SABHA STARRED QUESTION NO. \*211 TO BE ANSWERED ON 03.08.2023 “INTER-LINKING OF RIVERS”**

**CURRENT STATUS OF RENUKA, KISHAU AND LAKHWAR DAMS**

**RENUKA DAM:** Renukaji Dam Project, conceived as a storage project on Giri river (a tributary of river Yamuna) in Sirmour District of Himachal Pradesh, has been declared as a National Project in 2008. An agreement for construction of this project was signed amongst the six basin States of Himachal Pradesh, Uttarakhand, Uttar Pradesh, Haryana, NCT of Delhi and Rajasthan on 11.01.2019. Investment Clearance for the project has been accorded on 07.08.2020 for an estimated cost of Rs. 6,946.99 crore (price level 2018), as accepted by the Advisory Committee of Department of Water Resources, River Development and Ganga Rejuvenation (DoWR, RD & GR) on 09.12.2019. Approval of for its funding under Pradhan Mantri Krishi Sinchai Yojana (PMKSY) has been accorded in December, 2021. Implementation of the project has been started by the Himachal Pradesh Power Corporation Limited, Government of Himachal Pradesh. Investigations and pre-construction activities have been initiated.

**KISHAU DAM:** Kishau Multi-Purpose Project is a storage scheme located on river Tons (tributary of river Yamuna) in Dehradun district of Uttarakhand & Sirmour district of Himachal Pradesh. Efforts have been made for consensus building with the six basin States, and it is for them to reach an agreement for implementation of this project.

**LAKHWAR DAM:** Lakhwar Multi-Purpose Project is situated on Yamuna river in Dehradun district of Uttarakhand. The project was declared as a National Project in 2008. An agreement was signed amongst six basin States of Himachal Pradesh, Uttarakhand, Uttar Pradesh, Haryana, NCT of Delhi and Rajasthan on the construction of this project on 28.08.2018. Investment Clearance for the project has been accorded on 02.11.2021 for an estimated cost of Rs. 5,747.17 crore (price level 2018), as accepted by the Advisory Committee of DoWR, RD & GR on 11.02.2019. Approval for its funding under PMKSY has been accorded in December, 2021. The implementation of the project has been initiated by the Uttarakhand Jal Vidyut Nigam Limited, Government of Uttarakhand. The main package of work viz. “Balance civil works for Construction of 204 m high concrete gravity dam, Intake, (3X100 MW) capacity underground Power House and appurtenant works on river Yamuna of Lakhwar Multipurpose Project in District-Dehradun/Tehri Garhwal (Uttarakhand)” has been awarded.

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