

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. †976
ANSWERED ON 27.06.2019

INTER-LINKING OF RIVERS

†976. SHRI KAUSHALENDRA KUMAR

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Government proposes any special scheme to inter-link the rivers in the country;
- (b) if so, the names of the schemes and the changes made in previous schemes, if any; and
- (c) the names of the rivers in Bihar considered to be linked under the riverlinking project and the time-frame set to complete the same?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(a) & (b) The National Perspective Plan (NPP) was prepared by the then Ministry of Irrigation (now Ministry of Jal Shakti) 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 details of above river linking projects viz., rivers, States concerned is given at **Annexure**.

(c) Under the Himalayan Component of National Perspective Plan for Water Resources Development, the following 5(five) links are concerned with the State of Bihar:

- 1) Manas-Sankosh-Teesta-Ganga(MSTG) link project,
- 2) Kosi-Mechi link project(entirely lies in Nepal)
- 3) Kosi-Ghaghara link project,
- 4) Chunar-Sone Barrage link project,
- 5) Sone Dam-Southern Tributaries of Ganga link project

The Pre-Feasibility Report (PFR) of all the above 5 links have been completed and circulated to the concerned States and concerned Members of NWDA.

Further, Government of Bihar has suggested the following 7(seven) intra-state link projects for preparation of PFRs:

- 1) Kosi-Mechi link project
- 2) Barh – Nawda (Pump Scheme) link project
- 3) Kohra – Chandravat [now Kohra – Lalbegi] link project
- 4) Burhi Gandak-Noon-Baya-Ganga link project
- 5) Bagmati-Burhi Gandak (through Belwadhar) link project
- 6) Kosi (Bagmati) – Ganga link project
- 7) Kosi-Adhwara-Bagmati Link

NWDA completed the PFR of all the above seven Intra-State link projects. Subsequently, the DPRs of Kosi-Mechi and Burhi Gandak-Noon-Baya-Ganga link projects have been completed by NWDA.

The implementation of river link projects involves various steps. The stage of implementation of a project would be reached after its DPR is prepared with the consensus of concerned States (if required) and the requisite Statutory clearances are obtained. Thus, the implementation of the projects will take varying periods of time.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO.†976 TO BE ANSWERED IN LOK SABHA ON 27.06.2019 REGARDING “INTER-LINKING OF RIVERS”.

Names 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 of PFR/FR/DPR |
|-----------------------------|--|------------------------------|--|------------------------------|
| 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 (Srisailem) – 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 of PFR/FR/DPR |
|----------------------------|---|-------------------------------|---|---------------------------------------|
| 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