

**GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA**

UNSTARRED QUESTION NO:609

ANSWERED ON:23.07.2015

Inter-Linking of Rivers

Bohara Shri Ramcharan;Chaudhury Shri Jitendra;Chauhan Shri Devusinh Jesingbhai;Choubey Shri Ashwini Kumar;Ering Shri Ninong;Jaunpuria Shri Sukhbir Singh;Khadse Smt. Raksha Nikhil;Kothapalli Smt. Geetha;Mahajan Smt. Poonam ;Mullappally Shri Ramachandran;Rao Shri Rayapati Sambasiva;Rathod Shri Dipsinh Shankarsinh;Rawal Shri Paresh;Reddy Shri J.C. Divakar;Reddy Shri Mekapati Rajamohan;Saraswati Shri Sumedhanand;Scindia Shri Jyotiraditya Madhavrao

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

- (a) whether the Government plans to bring down the surplus water from Himalayan River to the peninsular rivers of India under the National River-linking Project and if so, the details thereof;
- (b) whether it has been finally decided to launch inter-linking river project to irrigate parched farmlands and generate power and if so, the details of the rivers to be linked in the first phase;
- (c) whether the detailed project report and other formalities have been completed and if so, the details thereof;
- (d) whether States have been consulted in the matter and if so, the details and the outcome thereof; and
- (e) the estimated expenditure to be met to complete the first phase of inter-linking of project and the time by which the project is likely to be commenced and completed?

Answer

ANSWER

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

(PROF. SANWAR LAL JAT)

(a) to (c) This Ministry has formulated a National Perspective Plan (NPP) for Water Resources Development envisaging inter-basin transfer of water from surplus basins to deficit basins/ areas. Based on surveys, investigations and detailed studies, National Water Development Agency (NWDA) has prepared pre-feasibility reports which facilitated identification of 30 links under the NPP. Details of the river links identified under NPP, River and State-wise, are given at Annexure-I. Based on the concurrence of the concerned States, Detailed Project Reports (DPR) for Ken-Betwa Link, Damanganga - Pinjal links have been completed by NWDA.

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//2//

In addition, out of 46 proposals of intra-state links received by NWDA from 9 States, the DPRs of two intra- state links i.e. Burhi Gandak- Noon-Baya-Ganga Link Project and Kosi-Mechi Link Project have been completed and sent to Government of Bihar in December, 2013 and March, 2014 respectively.

(d) The Government is pursuing the Interlinking of Rivers program in a consultative manner and has constituted a Consensus Group headed by the Chairman, Central Water Commission and Secretaries of Irrigation/Water Resource Departments of the concerned States for arriving at a consensus on various proposed links for sharing of the surplus water and preparation of DPR by NWDA. In addition, the issues on the inter-State links are also regularly discussed during the meeting of Governing Body and Society of the NWDA. The Special Committee for Interlinking of Rivers (ILR), chaired by Hon'ble Union Minister of Water resources, River Development & Ganga Rejuvenation is also reviewing the progress of river link proposals in consultation with the stakeholders for expediting these projects. In order to address various issues concerning the Inter-Linking of River Programme and to arrive at consensus on the link proposals between the States, various Sub-Committees and "Task Force for Interlinking of Rivers" have also been constituted.

(e) The expenditure on inter-linking projects can be estimated after completion of Detailed Project Report (DPR) of individual link project. The estimated expenditure of link projects for which Detailed Project Report have been completed is given at Annexure-II. The implementation of inter-linking projects is dependent upon the consensus and co-operation of the concerned States and upon obtaining various mandatory clearances from Ministry/ Departments of Central and State Governments including statutory clearances. The time limit for the completion of individual link project can be identified only after Detailed Project Reports are technologically approved.

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) to (c) OF UNSTARRED QUESTION NO. 609 TO BE ANSWERED ON 23.07.2015 IN LOK SABHA REGARDING INTER-LINKING OF RIVERS.

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 (Srisaillam) – 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 -do- FR Completed, DPR to be completed in July, 2015
- 13 Damanganga - Pinjal link # Damanganga & Pinjal Maharashtra & Gujarat FR & DPR Completed.
- 14 Bedti - Varda link Bedti & Varda Maharashtra, Andhra Pradesh & Karnataka FR Completed
- 15 Netravati – Hemavati link Netravati & Hemavati Karnataka, Tamil Nadu & Kerala FR Completed
- 16 Pamba - Achankovil - Vaippar link Pamba, Achankovil & Vaippar Kerala & Tamil Nadu, FR Completed

Himalayan Component

1. Manas-Sankosh-Tista-Ganga (M-S-T-G) link Manas-Sankosh-Tista-Ganga Assam, West Bengal, Bihar & Bhutan FR taken up
2. Kosi-Ghaghra link Kosi & Ghaghra Bihar, Uttar Pradesh & Nepal FR in Indian portion started
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 FR taken up
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 (Indian portion) 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

ANNEXURE-II REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 609 TO BE ANSWERED ON 23.07.2015 IN LOK SABHA REGARDING INTER-LINKING OF RIVERS.

S. No. Links projects for which DPR is completed Estimated expenditure as per DPR

1. Ken-Betwa (Phase-I & Phase-II) link The estimated cost of Ken-Betwa Link Project Phase-I and Phase-II are about Rs. 9392.99 crores (2007-08 price level) and about Rs.2282.94 crores (2012-13 price level) respectively.
2. Damanganga – Pinjal link The estimated cost of Damanganga-Pinjal link Project is about Rs.2746.61 crores (2013-14 price level).
3. BurhiGandak-Noon-Baya-Ganga Link Project The estimated cost of BurhiGandak-Noon-Baya-Ganga Link Project is about Rs.4213.75 crores (2012-13 price level).
4. Kosi-Mechi Link Project The estimated cost of Kosi-Mechi Link Project is about Rs.2903.25 crores (2013-14 price level)

