

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

STARRED QUESTION NO:37
ANSWERED ON:24.02.2010
INTER-LINKING OF RIVERS
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Will the Minister of WATER RESOURCES be pleased to state:

- (a) the present status of inter-linking of rivers in the country;
- (b) the budgetary allocation made in this regard and spent so far, project-wise;
- (c) whether the viability of the same has been re-assessed;
- (d) if so, the details thereof; and
- (e) the action taken in this regard?

Answer

THE MINISTER OF PARLIAMENTARY AFFAIRS AND WATER RESOURCES (SHRI PAWAN KUMAR BANSAL)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (e) OF THE STARRED QUESTION NO. 37 TO BE ANSWERED ON 24.02.2010 IN LOK SABHA REGARDING INTER-LINKING OF RIVER

(a) The Ministry of Water Resources(MOWR) (erstwhile Ministry of Irrigation) formulated a National Perspective Plan(NPP) for Water Resources Development in 1980 envisaging inter-basin transfer of water from surplus basins to deficit basins/areas which comprises two components, namely, Himalayan Rivers Development Component and Peninsular Rivers Development Component. National Water Development Agency (NWDA) was set up under the MOWR in 1982 for carrying out various technical studies to establish the feasibility of the proposals of NPP and to give concrete shape to it. Based on various studies conducted, NWDA has identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports (FRs). Out of these, FRs of 14 links under Peninsular Component and FRs of 2 links (Indian Portion) under Himalayan Component have been completed. Detailed Project Report (DPR) of one priority link namely, Ken - Betwa has also been completed. Further, NWDA has taken up the DPRs of two more priority links after concurrence of the concerned states, namely Par - Tapi - Narmada and Damanganga - Pinjal which are planned to be completed by December, 2011. Another priority link namely, Godavari (Polavaram)- Krishna(Vijawada) link is part of the Polavaram project of the Andhra Pradesh. Planning Commission has given investment clearance to the Polavaram Project and the Government of Andhra Pradesh has taken up the above project including link component as per their proposals. The name and status of link proposals under NPP is given at Annexure-I.

(b) National Water Development Agency (NWDA) has incurred an expenditure of Rs. 277.72 crore from 1982-83 upto January, 2010 for preparation of Pre-Feasibility Reports (PFRs)/FRs/DPRs of link proposals under NPP, preparation of PFRs/FRs of intrastate links and other studies in this regard. Further, the Government has provided a budget outlay of Rs. 182.80 crore for the above works by NWDA during XI plan (2007-12) against which NWDA has incurred an expenditure of Rs. 76.52 crore upto January, 2010. The expenditure is not maintained project wise.

(c) to (e) The viability of link proposals under NPP is assessed at every stage of their formulation as is done for any other water resources project. While preparing PFRs, their techno-economic viability is established at the preliminary stage. The FRs of such link proposals which are found techno-economically viable at PFR stage are taken up. While preparing FRs various studies such as Survey and Investigation, hydrological analysis, rapid socio-economic and environment impact assessment studies, etc. are carried out. Thereafter, DPRs of such link proposals which are found viable at FR stage are taken up with the concurrence of concerned states. At DPR stage the detailed studies regarding all the aspects of the link proposal are carried out. Thereafter, such proposals along with requisite statutory clearances from other Ministries/Departments are considered by the Advisory Committee of the MOWR for approval. As present DPR of one link namely Ken-Betwa has been completed. However, stage has not yet reached for placing this link proposal before Advisory Committee of MoWR for approval.

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF THE STARRED QUESTION NO. 37 TO BE ANSWERED ON 24.02.2010 IN LOK SABHA REGARDING INTER-LINKING OF RIVERS.

LIST OF WATER TRANSFER LINKS IDENTIFIED UNDER NPP AND THEIR STATUS

Peninsular Rivers Development Component

1. Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link - FR completed
2. Godavari (Polavaram) - Krishna (Vijayawada) link - Taken up by the state as per their own proposal
3. Godavari (Inchampalli) - Krishna (Pulichintala) link - FR completed
4. Godavari (Inchampalli) - Krishna (Nagarjunasagar) link - FR completed
5. Krishna (Nagarjunasagar) - Pennar (Somasila) link - FR completed
6. Krishna (Srisaillam) - Pennar link - FR completed
7. Krishna (Almatti) - Pennar link - FR completed
8. Pennar (Somasila) - Cauvery (Grand Anicut) link - FR completed
9. Cauvery (Kattalai) - Vaigai - Gundar link - FR completed
10. Parbati - Kalisindh - Chambal link - FR completed
11. Damanganga - Pinjal link - FR completed & DPR taken up
12. Par - Tapi - Narmada link - FR completed & DPR taken up
13. Ken - Betwa link - DPR Completed
14. Pamba - Achankovil - Vaippar link - FR completed.
15. Netravati - Hemavati Link - PFR completed
16. Bedti - Varda link - FR taken up

Himalayan Rivers Development Component

1. Kosi-Mechi link - Entirely lies in Nepal
2. Kosi-Ghaghra link - S&I works taken up
3. Gandak-Ganga link - S&I works taken up
4. Ghaghra-Yamuna link - FR completed (for Indian portion)
5. Sarda-Yamuna link - FR completed (for Indian portion)

6. Yamuna-Rajasthan link -S&IWorks completed
 - 7 Rajasthan-Sabarmati link - S&I works completed
 8. Chunar-Sone Barrage link - S&I works completed
 9. Sone Dam - Southern Tributaries of Ganga link - S&I works taken up
 10. Manas-Sankosh-Tista-Ganga (M-S-T-G) link - S&I works taken up
 11. Jogighopa-Tista- Parakka
(Alternate to M-S-T-G) link - S&I works taken up
 12. Farakka-Sunderbans link -S&I work completed
 13. Ganga-Damodar-Subernarekha link - S&I work completed
 14. Subernarekha-Mahanadi link - S&I work completed
- Priority links

PFR- Pre-Feasibility Report; FR- Feasibility Report; DPR- Detailed Project Report S&I- Survey & Investigation in Indian portion.