

Interlinking of rivers

2628. DR. JANARDHAN WAGHMARE: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government has prepared feasibility and detailed project report of interlinking of various rivers across the country;

(b) if so, the present status of the report's implementation; and

(c) by when the interlinking of rivers is likely to be completed?

THE MINISTER OF WATER RESOURCES (SHRI HARISH RAWAT): (a) and (b) 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 National Perspective Plan (NPP) and to give concrete shape to it. NWDA has already identified 14 links under Himalayan Component and 16 links under Peninsular Rivers Component given in the Statement (*See below*).

NWDA has completed feasibility reports of 14 Water transfer links under Peninsular Component and 2 links under Himalayan component (Indian portion).

Five Peninsular links namely (i) Ken-Betwa, (ii) Parbati-Kalisindh-Chambal, (iii) Damanganga-Pinjal, (iv) Par-Tapi-Narmada and (v) Godavari (Polavaram) – Krishna (Vijayawada) have been identified as priority links for taking up their Detailed Project Reports (DPRs). It has been decided that the DPR of K-B link will be prepared in two phases. DPR of one priority link namely Ken-Betwa (Phase-I) has been completed and NWDA has taken up the survey and investigation works of Phase-II of the K-B link project. The Ken-Betwa link project has been included in the list of National Projects.

Further, after receiving the concurrence of the concerned States, NWDA has taken up the DPRs of two more priority links namely Par-Tapi-Narmada and Damanganga-Pinjal. A tripartite MoU for preparation of DPRs of both these links was signed by the Chief Ministers of Gujarat, Maharashtra and the Union Minister for Water Resources on 3.05.2010 in august presence of Hon'ble Prime Minister. The DPRs of these two links are under progress.

Efforts are in progress to arrive at consensus on the other priority link viz. Parbati-Kalisindh-Chambal through deliberations with the concerned States of Madhya Pradesh and Rajasthan for preparation of DPR.

Another priority link namely Godavari (Polavaram) — Krishna (Vijayawada) is part of the Polavaram project of the Andhra Pradesh. The Government of Andhra Pradesh has taken up the above project including link component as per their own planning.

(c) The specific time frame for completion of the individual link project can be identified only after the DPR is techno-economically approved.

Implementation of Inter Linking of Rivers (ILR) involves various steps such as preparation of FRs of links, negotiation and consensus among concerned States, agreement with neighbouring countries if link involve area lying in other countries, preparation of DPRs of the projects and structures identified for the link, clearance from appraisal agencies which include clearance by Ministry of Environment and Forests (MoEF), clearance by Ministry of Tribal Affairs (MoTA), techno-economic clearance by Technical Advisory Committee of MoWR, investment clearance by Planning Commission and funding of the project.

Statement

*Status of water transfer links identified for preparation of
Feasibility Reports (FR) by NWDA*

Peninsular Rivers Development Component

- | | | |
|---|---|--|
| 1. Mahanadi (Manibhadra) – Godavari (Dowlaiswaram) link | — | FR completed |
| 2. Godavari (Polavaram) – Krishna (Vijayawada) link* | — | FR completed
(Taken 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 (Srisailem) – 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 and DPR started |
| 12. Par-Tapi-Narmada link* | — FR completed and DPR started |
| 13. Ken-Betwa link* | — DPR (Phase-I) completed |
| 14. Pamba-Achankovil-Vaippar link | — FR completed |
| 15. Netravati-Hemavati link | — FR completed |
| 16. Bedti-Varda link | — FR work 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 completed |
| 4. Ghaghra-Yamuna link | — FR completed (for Indian portion) |
| 5. Sarda-Yamuna link | — FR completed for Indian portion) |
| 6. Yamuna-Rajasthan link | — S&I works completed |
| 7. Rajasthan-Sabarmati link | — S&I works completed |
| 8. Chunar (at Ganga) – Sone Barrage link | — S&I works completed |
| 9. Sone Dam-Southern Tributaries of Ganga link | — S&I works completed |
| 10. Manas-Sankosh-Tista-Ganga (M-S-T-G) link | — S&I works taken up |
| 11. Jogighopa (at Brahmaputra) – Tista-Ganga at Farakka (Alternate to M-S-T-G) link | — S&I works taken up |

12. Ganga (Farakka) – Sunderbans link	—	S&I works completed
13. Ganga-Damodar-Subernarekha link	—	S&I works completed
14. Subernarekha-Mahanadi link	—	S&I works completed

*Priority links.

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

Rehabilitation of persons displaced due to Pancheshwar Dam

†2629. SHRI MAHENDRA SINGH MAHRA: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the survey of the villages likely to be affected by the construction of Pancheshwar Dam at Champawat in Uttarakhand and the assessment of the height thereof have been made;

(b) if so, the number of villages and households to be affected and the height of the Dam;

(c) whether any plan has been worked out to rehabilitate the households to be displaced; and

(d) if so, the places where the displaced are likely to be rehabilitated?

THE MINISTER OF WATER RESOURCES (SHRI HARISH RAWAT): (a) and (b) Yes, Sir. As per the Environmental Impact Assessment Study carried out by M/s WAPCOS on the proposed Pancheswar Project, a total of 8 (Eight) Nos. villages in Champawat District are likely to be affected. The village-wise household details are as under:—

Sl. No.	Name of the village	No of households
1	2	3
1.	Pathalati	22
2.	Mirtoli	56
3.	Netra	29

†Original notice of the question was received in Hindi.