

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1453**  
ANSWERED ON 24.11.2016

**SURVEY ON INTER-LINKING OF RIVERS**

1453. SHRI K.N. RAMACHANDRAN

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

- (a) the location-wise number of surveys conducted under the river linking projects in various States and Union Territories in the country;
- (b) the amount allocated/released/spent for the said surveys during the last three years, State/UT-wise;
- (c) whether any survey has been conducted in Tamil Nadu; and
- (d) if so, the details thereof and the action taken thereon?

**ANSWER**

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION  
(DR. SANJEEV KUMAR BALYAN)

(a) Under the National Perspective Plan for water resources development through inter basin transfer of water prepared by the then Ministry of Irrigation, now Ministry of Water Resources, RD & GR, NWDA has identified 30 links (16 under Peninsular Component & 14 under Himalayan Component) for preparation of Feasibility Reports (FRs). The pre-feasibility report of the all 30 links have been prepared and circulated to the concerned State Govts. by the NWDA. After survey and investigations, Feasibility Reports of 14 links under Peninsular Component and Feasibility Reports of 2 links and draft Feasibility Reports of 7 links (Indian portion) under Himalayan Component have been completed. Present status, States concerned and States benefiting from Inter Basin Water Transfer Links are given in **Annex-I**. After completion of FRs, preparation of the Detailed Project Report (DPR) is taken up based on consensus amongst the States concerned. Preparation of DPR of the ILR project also includes surveys and investigations in detail.

Four priority links for preparation of Detailed Project Report (DPR) under Peninsular Rivers Component have been identified viz; Ken-Betwa Link, Phase –I & II, Damanganga-Pinjal Link, Par-Tapi-Narmada link and Mahanadi-Godavari link. Detailed Project Report (DPR) of

Ken – Betwa Link Project has already been prepared, appraised by CWC and accepted by Advisory Committee of this Ministry and its various statutory clearances are in the advance stages. The Detailed Project Report (DPR) of Damanganga-Pinjal link has also been prepared, appraised by CWC and accepted by Advisory Committee of this Ministry. Detailed Project Report (DPR) of Par-Tapi-Narmada link project has also been completed by NWDA and submitted to the concerned States of Gujarat and Maharashtra in August 2015.

b) The Grants-in-aid released to NWDA by MOWR/ Expenditure by NWDA in the last three years for surveys and investigations including salaries of NWDA staff are as follows:

Rs. in Lakh

<b>Year</b>	<b>Grants-in-aid Released to NWDA by MOWR</b>	<b>Expenditure by NWDA</b>
2013-14	5029.90	5030.00
2014-15	6200.00	6200.75
2015-16	6900.00	6901.00

(c) & (d) The surveys and investigations in Tamil Nadu for preparation of feasibility report of three links i.e. Pennar (Somasila) - Cauvery (Grand Anicut) link, Cauvery (Kattalai) - Vaigai - Gundar link and Pamba - Achankovil - Vaippar link under Peninsular Component of National Perspective Plan (NPP) have been carried out. The feasibility reports of these three links have been prepared and circulated to the concerned States.

Surveys and investigations of one intra-State link i.e. Ponnaiyar – Palar link of Tamilnadu has also been carried out for preparation of Detailed Project Report (DPR).

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**ANNEXURE-I**

Annexure referred to in reply to part (a) of Unstarred Question No. 1453 due for answer in Lok Sabha on 24.11.2016 regarding “Survey on Inter-Linking of Rivers”.

Present status 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
<b>Peninsular Component</b>				
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

Sl. No	Name	Rivers	States concerned	Status
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
<b>Himalayan Component</b>				
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