

Present status of Inter Basin Water Transfer Links

Sl. No	Name	States concerned	States benefited	Annual Irrigation (Lakh ha)	Domestic and Industrial supply (MCM)	Hydro power (MW)	Status
Peninsular Component							
1	Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link	Orissa, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh,	Andhra Pradesh & Orissa	0.91+3.52 = 4.43	802	445	Feasibility Report Completed
2	Godavari (Inchampalli) - Krishna (Pulichintala) link	-do-	-do-	6.13	413	--	Feasibility Report Completed
3	Godavari (Inchampalli) - Krishna (Nagarjunasagar) link	Orissa, Maharashtra, Madhya Pradesh, Andhra Pradesh, Karnataka & Chattisgarh,	-do-	2.87	237	975	Feasibility Report Completed
4	Godavari (Polavaram) - Krishna (Vijayawada) link	Orissa, Maharashtra, Andhra Pradesh, Karnataka, & Chattisgarh,	Andhra Pradesh	5.82	162	--	Feasibility Report Completed
5	Krishna (Almatti) – Pennar link	-do-	Andhra Pradesh & Karnataka	1.90+0.68 = 2.58	56	--	Feasibility Report Completed
6	Krishna (Srisailam) – Pennar link	-do-	--	--	--	17	Feasibility Report Completed
7	Krishna (Nagarjunasagar) - Pennar (Somasila) link	Maharashtra, Andhra Pradesh & Karnataka,	-do-	5.81	124	90	Feasibility Report Completed
8	Pennar (Somasila) - Cauvery (Grand Anicut) link	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala & Puducherry	Andhra Pradesh, Tamil Nadu & Puducherry	0.49+4.36 + 0.06 = 4.91	1105	--	Feasibility Report Completed

ANNEX – I (contd..)

Sl. No	Name	States concerned	States benefited	Annual Irrigation (Lakh ha)	Domestic and Industrial supply (MCM)	Hydro power (MW)	Status
9	Cauvery (Kattalai) - Vaigai - Gundar link	Karnataka, Tamil Nadu, Kerala & Puducherry	Tamil Nadu	3.38	185	--	Feasibility Report Completed
10	Ken-Betwa link a) Ken-Betwa Link Phase-I b) Ken-Betwa link Phase-II	Uttar Pradesh & Madhya Pradesh - do-	Uttar Pradesh & Madhya Pradesh Madhya Pradesh	2.66 + 3.69 = 6.35 0.99	49 6	78	DPR Phase-I completed in April 2010 & DPR Phase-II Completed in January 2014.
11	Parbati -Kalisindh- - Chambal link	Madhya Pradesh, Rajasthan & Uttar Pradesh (UP requested to be consulted during consensus building)	Madhya Pradesh & Rajasthan	*Alt.I: 2.05+0.25 = 2.30 (Alt.II : 1.77 + 0.43 = 2.20)	13.2	--	Feasibility Report Completed
12	Par-Tapi-Narmada link	Maharashtra & Gujarat	Gujarat	1.69	--	32.50	FR Completed DPR under progress
13	Damanganga - Pinjal link (As per DPR)	Maharashtra & Gujarat	Maharashtra (only water supply to Mumbai)	--	895	--	DPR Completed in March 2014.
14	Bedti - Varda link	Maharashtra, Andhra Pradesh & Karnataka	Karnataka	0.60	--	4	Pre-Feasibility Report Completed
15	Netravati – Hemavati link	Karnataka, Tamil Nadu & Kerala	Karnataka	0.34	--	--	Pre-Feasibility Report Completed
16	Pamba - Achankovil - Vaippar link	Kerala & Tamil Nadu,	Tamil Nadu	0.91	--	508	Feasibility Report Completed

ANNEX – I (contd..)

S.L No.	Name of the Link	States/Country concerned	States benefited	Annual Irrigation (Lakh ha)	Domestic and Industrial supply (MCM)	Hydro power (MW)	Status
Himalayan Component							
1.	Manas-Sankosh-Tista-Ganga (M-S-T-G) link	Assam, West Bengal, Bihar & Bhutan	Assam, West Bengal & Bihar	2.08 + 1.82 + 2.64 = 6.54	--	5287	FR in progress
2.	Kosi-Ghaghra link	Bihar, Uttar Pradesh & Nepal	Bihar & Uttar Pradesh	8.17 + 0.67 + 1.74 (Nepal) = 10.58	48	--	FR in Indian portion in progress
3.	Gandak-Ganga link	-do-	Uttar Pradesh	37.99 + 2.41 (Nepal) = 40.40	700	--	Draft FR completed (for Indian portion)
4.	Ghaghra-Yamuna link	-do-	Uttar Pradesh	25.30 + 1.35 (Nepal) = 26.65	1391	10884	FR completed (for Indian portion)
5.	Sarda-Yamuna link	Bihar, Uttar Pradesh, Haryana, Rajasthan, Uttarakhand & Nepal	Uttar Pradesh & Uttarakhand	3.45 + 0.30 = 3.75	6250	3600	FR completed (for Indian portion)
6.	Yamuna-Rajasthan link	Uttar Pradesh, Gujarat, Haryana & Rajasthan	Haryana & Rajasthan	0.435 + 2.442 = 2.877	57	--	Draft FR completed
7.	Rajasthan-Sabarmati link	-do-	Rajasthan & Gujarat	5.35 + 2.04 = 7.39	282	--	Draft FR completed
8.	Chunar-Sone Barrage link	Bihar & Uttar Pradesh	Bihar & Uttar Pradesh	0.30 + 0.37 = 0.67	--	--	Draft FR completed
9.	Sone Dam – Southern Tributaries of Ganga link	Bihar & Jharkhand	Bihar & Jharkhand	2.99 + 0.08 = 3.07	360	95	FR in progress
10.	Ganga(Farakka)-Damodar-Subernarekha link	West Bengal, Orissa & Jharkhand	West Bengal, Orissa & Jharkhand	7.63 + 0.30 + 0.55 = 8.47	484	-	Draft FR completed
11.	Subernarekha-Mahanadi link	West Bengal & Orissa	West Bengal & Orissa	0.18 + 0.365 = 0.545	--	9	Draft FR Completed

ANNEX – I (contd..)

12.	Kosi-Mechi link	Bihar , West Bengal & Nepal	Bihar	2.99 + 1.75 (Nepal) = 4.74	24	3180	PFR completed. FR to be taken up Entirely lies in Nepal
13.	Farakka-Sunderbans link	West Bengal	West Bengal	1.50	184	--	Draft FR completed
14.	Jogighopa-Tista-Farakka link (Alternative to M-S-T-G)	-do-	Assam, West Bengal & Bihar	----	216	1115	Alternative to M- S-T-G Link. Not to be taken up.

FR -- Feasibility Report

PFR – Pre feasibility Report

DPR – Detailed Project Report

S&I -- Survey and Investigation

MCM -- Million Cubic Meters

Intra – State link proposals received from the State Governments

S. No.	Name of intra-state link	Rivers	Present status / Target of Completion of PFR
	<u>Maharashtra</u>		
1.	Wainganga (Goshikurd) – Nalganga (Purna Tapi) [Wainganga – Western Vidarbha & Pranhita – Wardha links merged and extended through Kanhan – Wardha link]	Wainganga & Nalganga	Completed
2.	Wainganga – Manjra Valley	Wainganga & Manjra	Completed (Not found feasible)
3.	Upper Krishna – Bhima (system of Six links)	Krishna & Bhima	Completed
4.	Upper Ghat – Godavari Valley (Damanganga (Ekdare)- Godavari Valley)	Damanganga & Godavari	Completed
5.	Upper Vaitarna – Godavari Valley	Vaitarna & Godavari	Completed
6.	North Konkan – Godavari Valley	Patalganga & Godavari	Completed
7.	Koyna – Mumbai city	Koyna	Completed
8.	Sriram Sagar Project (Godavari) – Purna – Manjira	Godavari, Purna & Manjira	Completed
9.	Wainganga (Goshikurd) – Godavari (SRSP)	Wainganga & Godavari	Withdrawn by Govt. of Maharashtra
10.	Middle Konkan – Bhima Valley	Savitri, Kundalika, Amba & Bhima	Completed
11.	Koyna – Nira	Koyna & Nira	Completed
12.	Mulsi – Bhima	Mulsi & Bhima	Completed
13.	Savithri – Bhima	Savithri & Bhima	Completed
14.	Kolhapur – Sangli – Sangola	Krishan & Bhima	Completed
15.	Riverlinking projects of Tapi basin and Jalgaon District	Tapi	Completed
16.	Nar – Par - Girna valley	Nar, Par & Girna	Completed
17.	Narmada – Tapi	Narmada & Tapi	Completed
18.	Khariagutta – Navatha Satpura foot hills	Dropped	Ground water recharge schemes to be studied by CGWB. Consequently not accepted by TAC of NWDA for PFR studies.
19.	Kharia Ghuti Ghat – Tapi	Dropped	
20.	Jigaon – Tapi – Godavari Valley	Tapi & Godavari	Completed

S. No.	Name of intra-state link	Rivers	Present status / Target of Completion of PFR
	Gujarat		
21.	Damanganga – Sabarmati – Chorwad	Damanganga, Sabarmati & Chorwad	Completed
	Odisha		
22.	Mahanadi – Brahmani	Mahanadi & Brahmani	Completed
23.	Mahanadi – Rushikulya (Barmul Project)	Mahanadi & Rushikulya	Completed
24.	Vamsadhara – Rushikulya (Nandini Nalla project)	Vamsadhara & Rushikulya	Completed
	Jharkhand		
25.	South Koel – Subernarekha	South Koel & Subernarekha	Completed
26.	Sankh – South Koel	Sankh & South Koel	Completed
27.	Barkar – Damodar – Subernarekha	Barkar, Damodar & Subernarekha	Completed
	Bihar		
28.	Kosi – Mechi [entirely lie in India]	Kosi & Mechi	DPR also Completed
29.	Barh – Nawada	Ganga & Kiul	Completed
30.	Kohra – Chandravat (now Kohra-Lalbegi)	Kohra & Chandravat	Completed
31.	Burhi Gandak – Noon – Baya - Ganga	Burhi Gandak, Noon, Baya & Ganga	DPR also Completed
32.	Burhi Gandak – Bagmati [Belwadhar]	Burhi Gandak & Bagmati	Completed
33.	Kosi – Ganga	Kosi & Ganga	Completed
34.	Development of Bagmati Irrigation & Drainage Project-Phase-II (Barrage near Kataunjha in Muzaffarpur District) and Adhwara Multipurpose Project with Kosi-Adhwara-Bagmati Link	Kosi, Adhwara & Bagmati	Preparation of PFR is under progress
35.	Transfer of Ganga water to South Bihar through pump Canal Scheme at Buxer	Ganga	Initially, NWDA consented to take up the work but after receiving the details from Govt. of Bihar, it was found that these are not intra-state links therefore not taken up.
36.	Development of Badua-Chandan Basin	Badua & Chandan	

S. No.	Name of intra-state link	Rivers	Present status / Target of Completion of PFR
	Rajasthan		
37.	Mahi – Luni link	Mahi & Luni	Completed
38.	Wakal – Sabarmati – Sei – West Banas – Kameri link	Wakal, Sabarmati, Sei, West Banas & Kameri	Completed
	Tamil Nadu		
39.	Ponnaiyar – Palar link	Ponnaiyar & Palar	Completed
	Karnataka		
40.	Almatti (Bagalkot)-Malaprabha Sub-basin	Almatti & Malaprabha	The proposals received are being technically examined
41.	Malaprabha-Tungabhadra Sub-basin	Malaprabha & Tungabhadra	
42.	Bedti-Dharma and Varada link	Bedti, Dharma & Varada	
43.	Bhadra-Vedavathi (V.V.Sagar link)	Bhadra & Vedavathi	
44.	Diversion of west flowing rivers schemes		
45.	Diversion of Aghanashini to Varada	Aghanashini & Varada	
	Chhattisgarh		
46.	Pairy-Mahanadi link	Pairy & Mahanadi	Preparation of PFR is under progress