

Salient details of Intra – State links as per PFR/DPR completed by NWDA

S. No.	Name of link	Benefits	Cost (Rs. in Crores)	B.C. Ratio	Status
Maharashtra					
1.	Wainganga (Goshikurd)– Nalganga(Purna Tapi)	Annual Irrigation of 3,71,277 ha (1286 MCM) +429 MCM domestic & industrial use	53,752	1.74	DPR completed
2.	Wainganga – Manjra Valley	Total water transfer=1527 MCM. Annual irrigation of 2,67,500 ha utilizing 1188 MCM water +207 MCM domestic & industrial use +132 MCM transmission losses	14,149	0.66	PFR completed (Not found feasible)
3.	Upper Krishna – Bhima	Annual irrigation 672706 ha	13576	1.16	PFR completed
4.	Damanganga (Ekdare)- Godavari Valley link project (Upper Ghat – Godavari Valley)	Total water transfer = 143 MCM, 15,625 ha Annual Irrigation + 43 MCM for Domestic and Industrial use	459	1.44	Draft DPR is completed
5. (i)	Vaitarna (Upper Vaitarna) – Godavari (Mukarne link project (Upper Vaitarana-Godavari Valley)	15,484 ha Annual Irrigation 40 MCM for Municipal and Industrial use	817	1.00	PFR completed
5 (ii)	Damanganga-Vaitarna-Godavari (Kadva Dev) Valley	11480 ha irrigation (additional 16840 ha by use of regenerated D&I waters), 23 MCM for 4.59 lakh human & 2.91 lakh livestock population 73 MCM for Delhi- Mumbai Industrial Corridor and 41 MCM for other industries	202	-	Draft DPR is completed
6.	North Konkan – Godavari Valley link project	41,000 ha Annual Irrigation + 27 MCM for Municipal and Industrial use	4126	0.44	PFR completed (Not found feasible)
7.	Mulsi-Bhima	Annual irrigation 40,000 ha	2815	1.46	PFR completed
8.	Nar – Par – Girna valley	Annual irrigation 95760 ha	10053.1	0.54	PFR completed (Not found feasible)
9.	Koyna – Mumbai city	Water Supply Scheme for Mumbai City 1912 MCM	2238.51	1.89	PFR completed
10.	Kolhapur – Sangli – Sangola	Total Transfer of water 2472 MCM Annual irrigation 4.00	7003.04	1.45	PFR completed

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		Lakh ha Water Supply 255 MCM			
11.	Koyna – Nira	Water Transfer=195 MCM Annual Irrigation =21000 ha	9130.30	0.37	PFR completed
12.	Sriram Sagar Project (Godavari) – Purna – Manjira	Water balance at SRSP is deficit by 10008 MCM	Diversion is not feasible	-	PFR completed (Not found feasible)
13.	Middle Konkan – Bhima Valley	Water transfer 425 MCM Annual Irrigation 0.52 lakh ha	3192.14	0.85	PFR completed
14.	Savithri – Bhima	Water transfer: 708MCM Annual Irrigation: 0.87 lakh ha Water supply: 495 MCM	4744.21	1.15	PFR completed
15.	Riverlinking projects of Tapi basin and Jalgeon District	Annual Irrigation =0.06 lakh ha	120.49	1.50	PFR completed
16.	Narmada – Tapi	PFR prepared by States. State Govt. requested to drop the link	-		PFR completed
17.	Jigaon – Tapi – Godavari Valley	Water deficit	-		PFR completed (Not found feasible)
18.	Kariagutta-Navatha Satpura foot hilts	Groundwater recharge scheme to be studied by CGWB. Consequently, not accepted by TAC of NWDA for PFR studies	Dropped		Not accepted by TAC of NWDA for PFR studies
19.	Kharia Ghuti Ghat – Tapi				
20.	Wainganga (Gosikurd) – Godavari (SRSP)	Withdrawn by Govt. of Maharashtra	-		-
Odisha					
21.	Mahanadi (Hirakund)– Brahmani (Rengali)	Annual Irrigation of 11,000 ha (7000 ha stabilization of Rengali command and 4000 ha new area)Power Generation 145 MW	2793	0.46	PFR completed (Not found feasible)
22.	Vamsadhara – Rushikulya (Nandini Nalla project)	7225 ha Annual irrigation +13.92 MW Annual Energy Generation	195.80	1.62	PFR completed
23.	Mahanadi (Barmul) Rushikulya	Water Transfer =1663 MCM Annual Irrigation=1.0 Lac Ha	3806.61	1.03	PFR completed
24.	Nagavali-Vamsadhara–Rushikulya Link	Annual Irrigation : 45472 ha Annual Energy Generation: 43.98 MU	11275.00 (at 2020-21 price level)	0.47	PFR completed (Not found feasible)
Jharkhand					

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25.	South Koel - Subernarekha	Annual Irrigation 4320 ha in Jharkhand Power Generation 100 MW	1399	4.09	PFR completed
26.	Sankh - South Koel Link Project	6.221 ha Annual Irrigation in Jharkhand + 30 MCM for domestic use. Power Generation 169 MW	519	2.78	PFR completed
27.	Barkar - Damodar - Subernarekha	40,800 ha Annual Irrigation in Jharkhand +30 MCM for domestic use	1148	1.23	PFR completed
Bihar					
28.	Kosi - Mechi	Annual Irrigation=2.15 lakh ha	4900.00	2.40	DPR completed Environment & Investment clearance accorded. Preparation of working DPR under progress.
29.	Barh - Nawada (Pump Scheme)	Annual Irrigation of 7.0 Lakh ha, water supply 1206 MCM for Domestic & Industrial use	12298	0.92	PFR completed (Not found feasible)
30.	Kohra - Chandravat (now Kohra-Lalbegi)	Flood moderation of 80 cumecs in lower reaches of Kohra and Burhi Gandak rivers.	169	0.033	PFR completed (Not found feasible)
31.	Burhi Gandak - Noon - Baya - Ganga	Flood Moderation =492 Cumecs Annual Irrigation=1.26 Lakh ha	4213.15	1.54	DPR completed. CWC opined that the project may be considered as Flood Moderation project. Informed to Govt. of Bihar.
32.	Bagmati-Burhi Gandak [through Belwadhar]	Diversion of partial quantity of flood of Bagmati river	126	1.25	PFR completed (Not found feasible)
33.	Kosi (Bagmati)-Ganga	Diversion of partial quantity of flood of Bagmati to Ganga	89	1.17	PFR completed
34.	Kosi-Adhwara-Bagmati Link	Annual Irrigation of 100800 ha, deficit water	-	-	PFR completed (Not found feasible)
35.	Transfer of Ganga water to South Bihar through pump Canal Scheme at Buxer	Initially, NWDA consented to take up the work. But after receiving the details from Govt. of Bihar, it was found		-	

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36.	Development of Badua Chandari Basins	that these are not intra-state links therefore not taken up			
37.	Sone-Falgu Link	To be worked out			Preliminary study was taken up (Not found feasible)
Rajasthan					
38.	Wakal – Sabarmati – Sei – West Banas – Kameri link	Water balance is deficit at diversion point	-	-	PFR completed (Not found feasible)
39.	Mahi – Luni link	Deficit in Mahi river Basin Annual Irrigation 2.33 lac ha	20555.31	0.29	PFR completed (Not found feasible)
Tamil Nadu					
40.	Ponnaiyar – Palar link	Diversion of 86 MCM of flood water annually from Nedungal Anicut (d/s of existing Krishnagiri dam) for irrigation of 9850 ha (enroute irrigation : 1900 ha and 7950 ha through ground water recharge at tail end)	648.23	1.79	DPR completed
Gujarat					
41.	Damanganga – Sabarmati – Chorwad	Diversion of 2071 MCM at 75% dependability, Annual Irrigation 3.46 lakh ha	6262	1.53	PFR completed
Chhatisgarh					
42.	Paury-Mahanadi Link	Diversion of 780.70 Mm ³ . Annual irrigation 97720 ha	1337.36	1.96	PFR completed
Karnataka					
43.	Almati (Bagalkot)-Malaprabha sub-basin	Prima Facie found not feasible	-	-	-
44.	Malaprabha-Tungabhadra sub-basin	Prima Facie found not feasible	-	-	-
45.	Bedti-Dharma-Varda Link	Diversion of 551 MCM for irrigation of 52900 ha besides supplementation of Singatalur LIS.	2500.11	1.24	PFR completed
46.	Diversion of west flowing rivers scheme (Barapore-Upper Cauvery link)	Govt. of Karnataka withdrew these two proposals during 11 th meeting of Special Committee for ILR			
47.	Bhadra-Vedavathi (Vani Vilasa Sagar link)				
48.	Diversion from Bedti & Aghanashini to Varada	PFR was already prepared and circulated during August 1999. TAC of NWDA has also accepted the report in its	-	-	-

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		33 rd meeting.			
<u>Uttar Pradesh</u>					
49	Sharda-Gomti Link	Objective of the link to facilitate the diversion of Sarda water to river Gomti for its rejuvenation as well as supply of drinking water to the towns situated on or near to river Gomti.	-	-	PFR completed

Note :The benefits and cost indicated above are tentative as per Pre-Feasibility Reports otherwise as mentioned.