

STATUS OF LARGE HYDRO ELECTRIC POTENTIAL DEVELOPMENT - BASINWISE

(In terms of Installed Capacity above 25 MW)

As on 29.02.2024

BASIN	Identified Capacity as per Reassessment Study (1978-87)	Exploitable Identified Capacity as per Reassessment Study (2017-23)	Capacity In Operation		Capacity Under Active Construction \$		Capacity on which Construction is held Up	
	(MW)	(MW)	(MW)	(%)	(MW)	(%)	(MW)	(%)
INDUS	33028	32322.23	14655.30	45.34	5703.5	17.65	48.0	0.15
GANGA	20252	15591.25	5747.15	36.86	1264.0	8.11	291.0	1.87
CENTRAL INDIAN RIVER SYSTEM	3868	4498.50	3159.80	70.24	0.0	0.00	400.0	8.89
WEST FLOWING RIVERS OF PENINSULAR INDIA	8997	7001.95	5684.35	81.18	140.0	2.00	0.0	0.00
EAST FLOWING RIVERS OF PENINSULAR INDIA	13775	11269.40	8248.95	73.20	1190.0	10.56	0.0	0.00
BRAHMAPUTRA	65400	62726.70	4687.00	7.47	5740.0	9.15	417.0	0.66
ALL INDIA	145320	133410	42182.55	31.62	14037.5	10.52	1156.0	0.87

Note:- 1. Does not include pumped storage Projects

2. In addition to above 8 PSS (4745.6 MW) are under operation, 3 PSS (2700 MW) are under active construction, 1 PSS (80 MW) on which construction is held up ,2 PSS (2350 MW) is Concurred by CEA, 42 PSS (55850 MW) are under S&I & 8 PSS (9500 MW) are under S&I Held Up

\$The above list includes 1 Multipurpose Project (MPP) namely Lakhwar MPP (300 MW) in Uttarakhand

Note -2 Multi purpose projects (International Projects) are under examination (India and Nepal) namely, Pancheshwar MPP (2400 MW) whose DPR is being revised & Rupali Garh Regulating Dam (120 MW) which is Under S&I

STATUS OF LARGE HYDRO ELECTRIC POTENTIAL UNDER DEVELOPMENT- BASIN WISE

(In terms of Installed capacity - Above 25 MW)

As on 29.02.2024

Basin	H.E. Projects concurred by CEA and yet to be taken up for construction#		H.E. Projects under Examination in CEA		H.E. Projects returned to project authorities		H.E. Projects under Survey and Investigation \$		H.E. Projects allotted for dev on which S&I is held up/ yet to be taken up		Balance Capacity*	
	(MW)	%	(MW)	%	(MW)	%	(MW)	%	(MW)	%	(MW)	(%)
INDUS	4056	12.55	0	0.00	790	2.44	2299	7.11	3070.00	9.50	2325	7.19
GANGA	815	5.23	0	0.00	1069.1	6.86	982	6.30	628.00	4.03	3203	20.54
CENTRAL INDIAN RIVER SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	951	21.14
WEST FLOWING RIVERS OF PENINSULAR INDIA	0	0.00	0	0.00	320	4.57	800	11.43	0.00	0.00	1166	16.65
EAST FLOWING RIVERS OF PENINSULAR INDIA	0	0.00	0	0.00	665	5.90	0	0.00	0.00	0.00	1770	15.71
BRAHMAPUTRA	14589	23.26	0	0.00	3583	5.71	20374	32.48	315.00	0.50	15991.7	25.49
ALL INDIA	19460	14.59	0	0.00	6427.1	4.82	24455	18.33	4013	3.01	25406.7	19.04

Note:- 1. Does not include pumped storage Projects

2.In addition to above 8 PSS (4745.6 MW) are under operation, 3 PSS (2700 MW) are under active construction, 1 PSS (80 MW) on which construction is held up ,2 PSS (2350 MW) is Concurred by CEA, 42 PSS (55850 MW) are under S&I & 8 PSS (9500 MW) are under S&I Held Up

* Balance Capacity is different from arithmetic calculation from the potential accessed due to change in capacity of the Projects, addition/deletion of the Projects and merger of two Projects into one etc.

\$ The above list includes 5 Multipurpose Projects (MPP) namely Upper Siang project (11200 MW) in Arunachal Pradesh, Bursar (800 MW) in J&K, Simsang Dam project (60 MW) in Meghalaya ,Kishau MPP(660MW) in Uttarakhand ,Drass Suru link project (95 MW) in Ladakh & Hathnikund Dam project (250 MW) in Haryana.

In addition to above , DPR of one project namely Ujh Multipurpose Project (196 MW) is accepted by 148th meeting of Advisory Committee of DOWR, RD&GR on Irrigation, Flood Control & Multipurpose on 17.01.2022 but the PIB doesn't support proposal of Department of Water Resources, River Department and Ganga Rejuvenation in respect of Ujh Multipurpose project.

And also for one project namely Sirkari Bhyol Rupsiabagar,it has been initimated by UJVNL that total cost has been estimated at Rs. 964.12crore at price level of March 2023 and as per Section 8(1) of Electricity Act ,M/S UJVNL is required to submit the DPR to State Government

Note -2 Multi purpose projects (International Projects) are under examination (India and Nepal) namely, Pancheshwar MPP (2400 MW) whose DPR is being revised & Rupali Garh Regulating Dam (120 MW) which is Under S&I