

STATUS OF LARGE HYDRO ELECTRIC POTENTIAL DEVELOPMENT - BASINWISE

(In terms of Installed Capacity above 25 MW)

As on 01.01.2025

BASIN	Identified Capacity as per Reassessment Study (1978-87)	Exploitable Identified Capacity as per Reassessment Study (2017-23)	Capacity In Operation		Capacity Under Construction \$	
	(MW)	(MW)	(MW)	(%)	(MW)	(%)
INDUS	33028	32322.23	14655.32	45.34	5703.5	17.65
GANGA	20252	15591.25	5747.15	36.86	1264.0	8.11
CENTRAL INDIAN RIVER SYSTEM	3868	4498.50	3159.80	70.24	0.0	0.00
WEST FLOWING RIVERS OF PENINSULAR INDIA	8997	7001.95	5724.35	81.75	100.0	1.43
EAST FLOWING RIVERS OF PENINSULAR INDIA	13775	11269.40	8248.95	73.20	1190.0	10.56
BRAHMAPUTRA	65400	62726.70	4687.00	7.47	5740.0	9.15
ALL INDIA	145320	133410	42222.57	31.65	13997.5	10.49

Note:- 1. Does not include pumped storage Projects

2. In addition to above 8 PSS (4745.6 MW) are under operation, 6 PSS (7970 MW) are under construction ,4 PSS (4100 MW) are Concurred by CEA & 47 PSS (62510 MW) are under S&I

\$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 01.01.2025

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 \$		Balance Capacity*	
	(MW)	%	(MW)	%	(MW)	%	(MW)	%	(MW)	(%)
INDUS	4056	12.55	0	0.00	790	2.44	1155	3.57	5881	18.19
GANGA	815	5.23	0	0.00	1069.1	6.86	660	4.23	4256	27.30
CENTRAL INDIAN RIVER SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	1351	30.03
WEST FLOWING RIVERS OF PENINSULAR INDIA	0	0.00	0	0.00	320	4.57	800	11.43	1166	16.65
EAST FLOWING RIVERS OF PENINSULAR INDIA	0	0.00	0	0.00	665	5.90	0	0.00	1770	15.71
BRAHMAPUTRA	14589	23.26	1990	3.17	3583	5.71	17966	28.64	16590.7	26.45
ALL INDIA	19460	14.59	1990	1.49	6427.1	4.82	20581	15.43	31014.7	23.25

Note:- 1. Does not include pumped storage Projects

2. In addition to above 8 PSS (4745.6 MW) are under operation, 6 PSS (7970 MW) are under construction ,4 PSS (4100 MW) are Concurred by CEA & 47 PSS (62510 MW) are under S&I

* 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

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 intimated by UJVNL that total cost has been estimated at Rs. 964.12 crore 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