

STATUS OF LARGE HYDRO ELECTRIC POTENTIAL DEVELOPMENT - BASINWISE

(In terms of Installed Capacity above 25 MW)

As on 31.10.2021

BASIN	Identified capacity as per Reassessment study (1978-87)	Capacity In Operation		Capacity Under Active Construction		Capacity on which Construction is held Up		Capacity yet to be taken up under Construction	
	Above 25 MW (MW)	(MW)	(%)	(MW)	(%)	(MW)	(%)	(MW)	(%)
INDUS	33028	14439.3	43.72	4013.5	12.15	898.0	2.72	13677.2	41.41
GANGA	20252	5567.2	27.49	1144.0	5.65	291.0	1.44	13249.9	65.42
CENTRAL INDIAN RIVERS	3868	3147.5	81.37	0.0	0.00	400.0	10.34	320.5	8.29
WEST FLOWING RIVERS	8997	5676.7	63.10	100.0	1.11	0.0	0.00	3220.3	35.79
EAST FLOWING RIVERS	13775	8249.0	59.88	960.0	6.97	0.0	0.00	4566.1	33.15
BRAHMAPUTRA	65400	4687.0	7.17	2860.0	4.37	417.0	0.64	57436.0	87.82
ALL INDIA	145320	41766.6	28.74	9077.5	6.25	2006.0	1.38	92469.9	63.63

Note:- 1. Does not include pumped storage Projects

2. In some states the total of the capacity developed and balance capacity is different from the potential assessed . This is due to change in capacity of the Projects, addition/ deletion of the Projects and merger of two Projects into one etc.

3. In addition to above 8 PSS (4745.6 MW) are under operation, 2 PSS (1500 MW) are under active construction, 1 PSS (80 MW) on which construction is held up and 1 PSS (1000 MW) is Concurred by CEA , 1 PSS (1200 MW) is under examination in CEA, 16 PSS (15570 MW) are under S&I, 1 PSS of I.C. 660 MW is under Held up and 4 PSS (3730 MW) are under PFR Preparation list.

STATUS OF LARGE HYDRO ELECTRIC POTENTIAL UNDER DEVELOPMENT- BASIN WISE

(In terms of Installed capacity - Above 25 MW)

As on 31.10.2021

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		H.E. Projects stuck due to Inter-state issues/ Other Issues		H.E. Projects dropped due to Basin studies/ Other reasons		Capacity yet to be allotted by the State for development*	
	(MW)	%	(MW)	%	(MW)	%	(MW)	%	(MW)	%	(MW)	(%)	(MW)	(%)	(MW)	(%)
INDUS	4238	12.83	500	1.51	790	2.39	2629	7.96	2060	6.24	50	0.15	1919	5.81	4905	14.85
GANGA	815	4.02	130.1	0.64	789	3.90	514	2.54	2402.00	11.86	380	1.88	2112	10.43	3894	19.23
CENTRAL INDIAN RIVERS	0	0.00	0	0.00	0	0.00	0	0.00	128.00	3.31	320	8.27	710	18.36	1031	26.65
WEST FLOWING RIVERS	0	0.00	0	0.00	320	3.56	0	0.00	0	0.00	455	5.06	363	4.03	3436	38.19
EAST FLOWING RIVERS	0	0.00	0	0.00	665	4.83	0	0.00	0.00	0.00	2130	15.46	60	0.44	5182	37.62
BRAHMAPUTRA	16715	25.56	0	0.00	5383	8.23	750	1.15	10279	15.72	2210	3.38	7044	10.77	24077	36.81
ALL INDIA	21768	14.98	630.1	0.43	7947	5.47	3893	2.68	14869	10.23	5545	3.82	12208	8.40	42524.5	29.26

Note:- 1. Does not include pumped storage Projects

2. In some states the total of the capacity developed and balance capacity is different from the potential assessed . This is due to change in capacity of the Projects, addition/ deletion of the Projects and merger of two Projects into one etc.

3. In addition to above 8 PSS (4745.6 MW) are under operation, 2 PSS (1500 MW) are under active construction, 1 PSS (80 MW) on which construction is held up and 1 PSS (1000 MW) is Concurred by CEA , 1 PSS (1200 MW) is under examination in CEA, 16 PSS (15570 MW) are under S&I, 1 PSS of I.C. 660 MW is under Held up and 4 PSS (3730 MW) are under PFR Preparation list.

* The capacity yet to be taken up for development 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.