

STATUS OF LARGE HYDRO ELECTRIC POTENTIAL DEVELOPMENT

(In terms of Installed capacity - Above 25 MW)

As on 30.06.2025

Region/ State	Identified Capacity as per Reassessment Study (1978-87)	Exploitable Identified Capacity as per Reassessment Study (2017-23)	Capacity In Operation		Capacity Under Construction \$		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 & Investigation \$\$		Balance Capacity*	
	(MW)	(MW)	(MW)	%	(MW)	(%)	(MW)	(%)	(MW)	(%)	(MW)	(%)	(MW)	(%)	(MW)	(%)
NORTHERN																
Jammu & Kashmir	11567	12264.5	3360.0	27.40	3051.5	24.88	3379	27.55	0.00	0.00	390.00	3.18	800.00	6.52	1088.00	8.87
Ladakh	2046	707.0	89.0	12.59	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.00	13.44	618.00	87.41
Himachal Pradesh	18470	18305.0	11181.02	61.08	1546.0	8.45	937.00	5.12	0.00	0.00	400.00	2.19	0.00	0.00	4259.00	23.27
Punjab	971	1300.73	1096.30	84.28	206.0	15.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haryana	64	0.0	0.0	0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rajasthan	483	411.0	411.0	100.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Uttarakhand	17998	13481.35	4035.35	29.93	1264.0	9.38	815.00	6.05	0.00	0.00	939.00	6.97	660.00	4.90	3988.00	29.58
Uttar Pradesh	664	501.6	501.60	100.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub Total (NR)	52263	46971.18	20674.27	44.01	6068	12.92	5131.00	10.92	0.00	0.00	1729.00	3.68	1555.00	3.31	9953.00	21.19
WESTERN																
Madhya Pradesh	1970	2819.0	2235.0	79.28	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	584.00	20.72
Chhattisgarh	2202	1311.0	120.0	9.15	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1191.00	90.85
Gujarat	590	550.0	550.0	100.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maharashtra	3314	3144.0	2647.0	84.19	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	497.00	15.81
Goa	55	0.0	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub total (WR)	8131	7824.0	5552.0	70.96	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2272.00	29.04
SOUTHERN																
Andhra Pradesh	3261	2596.0	1610.0	62.02	1190.0	45.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	1.00
Telangana	1099	1302.0	800.0	61.44	0.0	0.00	0.00	0.00	0.00	0.00	320.00	24.58	0.00	0.00	240.00	18.43
Karnataka	6459	4414.4	3689.20	83.57	0.0	0.00	0.00	0.00	0.00	0.00	665.00	15.06	0.00	0.00	747.00	16.92
Kerala	3378	2472.75	1964.15	79.43	40.0	1.62	0.00	0.00	0.00	0.00	0.00	0.00	800.00	32.35	419.00	16.94
Tamil Nadu	1693	1785.2	1778.20	99.61	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub Total (SR)	15890	12570.4	9841.55	78.29	1230.0	9.78	0.00	0.00	0.00	0.00	985.00	7.84	800.00	6.36	1432.00	11.39
EASTERN																
Jharkhand	582	300.0	210.0	70.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	90.00	30.00
Bihar	40	130.1	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	130.10	100.00	0.00	0.00	0.00	0.00
Odisha	2981	2824.50	2154.55	76.28	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677.00	23.97
West Bengal	2829	809.2	441.20	54.52	120.0	14.83	0.00	0.00	0.00	0.00	0.00	0.00	90.00	11.12	196.00	24.22
Sikkim	4248	6051.0	2282.0	37.71	620.0	10.25	520.00	8.59	0.00	0.00	0.00	0.00	0.00	0.00	2629.00	43.45
Sub Total (ER)	10680	10114.8	5087.75	50.30	740.0	7.32	520.00	5.14	0.00	0.00	130.10	1.29	90.00	0.89	3592.00	35.51

NORTH EASTERN																
Meghalaya	2298	2026.0	322.0	15.89	0.0	0.00	85.00	4.20	210.00	10.37	0.00	0.00	60.00	2.96	1488.00	73.45
Tripura	0	0.0	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manipur	1761	615.0	105.0	17.07	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	510.00	82.93
Assam	650	643.0	350.0	54.43	120.0	18.66	0.00	0.00	0.00	0.00	60.00	9.33	0.00	0.00	143.00	22.24
Nagaland	1452	325.0	75.0	23.08	0.0	0.00	186.00	57.23	0.00	0.00	0.00	0.00	0.00	0.00	64.00	19.69
Arunachal Pradesh	50064	50394.0	1115.0	2.21	5306.0	10.53	15092.00	29.95	1875.00	3.72	3523.00	6.99	15234.00	30.23	10389.00	20.62
Mizoram	2131	1926.7	60.0	3.11	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1866.70	96.89
Sub Total (NER)	58356	55929.7	2027.0	3.62	5426.0	9.70	15363.00	27.47	2085.00	3.73	3583.00	6.41	15294.00	27.35	14460.70	25.86
ALL INDIA	145320	133410	43182.57	32.37	13463.5	10.09	21014	15.75	2085	1.56	6427.1	4.82	17739	13.3	31709.7	23.77

Note:- 1. Does not include pumped storage Projects

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

\$\$ 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.

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

* 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.