

Region-wise/Sector-wise Installed Capacity of H.E. Stations in the Country
(Above 25 MW Capacity)

(As on 30.11.2021)

Region	Design Energy (MU)	Conventional H.E. Stations			Pumped Storage Schemes (PSS)			Conventional+ Pumped Storage schemes(PSS)		
		No. of Stations	No. of Units	Installed Capacity (MW)	No. of Stations	No. of Units	Installed Capacity (MW)	No. of Stations	No. of Units	Installed Capacity
Northern	75721.26	74	253	19378.25	0	0	0.00	74	253	#####
Western	16607.21	24	88	5552	4	13	1840	28	101	#####
Southern	33900.85	67	229	9734	3	17	2006	70	246	#####
Eastern	20204.86	23	82	5075	1	4	900	24	86	#####
North-Eastern	9412.73	14	38	2027	0	0	0.00	14	38	#####
Total	155846.91	202	690	41766.60	8	34	4745.60	209 *	724	#####

NOTE:

Note: Following one Hydro Station have conventional as well as PSS capacity:

Sl. No.	Station	State/Region	Installed Capacity (MW)	
			Conventional	PSS
1	N J Sagar	Telangana/ Southern	1X110=110	7X100.8=705.60

Sector-wise Installed Capacity of H.E. Stations in the Country
(Above 25 MW Capacity)

Sector	Design Energy (MU)	No. of Utilities	No. of Stations	No. of Units	Installed Capacity (MW)
Central	60609.82	8	42	163	15646.70
State	80266.23	23	146	504	27114.50
Private	14970.86	16	21	57	3751.00
Total	155846.91	47	209	724	46512.20

1350

* Total number of HE Stations are 209 as NJ Sagar HE Station (Southern Region) is having one Conventional unit and remaining seven units are PSS. .

Categorisation of HE Stations (Installed Capacity)**1. Operation-wise**

(As on 30.11.2021)

Sector	RoR		RoR (P)		Storage (S)						Total	
	No.	MW	No.	MW	S(P)		S(MPP)		PSS		No.	MW
					No.	MW	No.	MW	No.	MW		
Central	8	2115.50	19	7263.00	6	1725.00	9	4543.20	0	0.00	42	15646.70
State	15	892.15	50	7590.00	32	6479.65	43	7557.10	7	4595.60	147	27114.50
Private	4	712.00	13	2592.00	3	297.00	0	0.00	1	150.00	21	3751.00
Total (Nos./MW Capacity)*	27	3719.65	82	17445.00	41	8501.65	52	12100.30	9	4745.60	209*	46512.20
% of Total	13.5	8.36	41	39.22	20.5	19.11	26	27.20	4.5	10.67	100	100

* Total number of HE Stations are **209** as NJ Sagar HE Station (Southern Region) is having one Conventional unit and remaining seven units are PSS.

2. Power House Construction-wise

Sector	Surface		Underground		Total	
	No.	MW	No.	MW	No.	MW
Central	29	9548.5	13	6098.2	42	15646.7
State	124	17942.5	23	9172	147	27114.5
Private	13	1448	8	2303	21	3751
Total (Nos./MW Capacity)*	166	28939.00	44	17573.20	208	46512.20
% of Total	79.81	62.22	21.15	37.78	100	100

Abbreviations:

RoR - Run of River type

RoR(P) – Run of River with Pondage

S(P) – Storage (Conventional) for Power Generation purpose only

S(MPP) – Storage (Conventional) for Multipurpose Project

PSS – Pumped Storage Scheme

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(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
Conventional H E Stations								
Northern Region								
BBMB								
HIMACHAL PRADESH								
1	Bhakra Left	1	5	MP	(2X108+3X126)	594.00	3924.00	1960 (108 MW) 1961 (486 MW)
2	Bhakra Right	1	5	MP	(5X157)	785.00		1966 (314 MW) 1967 (314 MW) 1968 (157 MW)
3	Dehar	1	6	R(P)	(6X165)	990.00	3110.00	1977 (165 MW) 1978 (165 MW) 1979 (330 MW) 1983 (330 MW)
4	Pong	1	6	MP	(6X66)	396.00	1123.00	1978 (198 MW) 1979 (66 MW) 1982 (66 MW) 1983 (66 MW)
Sub-Total BBMB (HP)		4	22			2765.00	8157.00	
NHPC								
5	Baira Siul	1	3	R(P)	(3X60)	180.00	779.28	1980 (132 MW) 1981 (66 MW)
6	Chamera-I	1	3	S	(3X180)	540.00	1664.56	1994 (540 MW)
7	Chamera-II	1	3	R(P)	(3X100)	300.00	1499.89	2003 (200 MW) 2004 (100 MW)
8	Chamera-III	1	3	R(P)	(3X77)	231.00	1108.00	2012 (231 MW)
9	Parbati-III	1	4	R(P)	(4X130)	520.00	1977.23	2014 (520 MW)
Sub-Total HP		5	16			1771.00	7028.96	
SJVNL								
10	Nathpa Jhakri	1	6	R(P)	(6X250)	1500.00	6612.00	2003 (500 MW) 2004 (1000 MW)
11	Rampur	1	6	R	(6X68.67)	412.00	1878.08	2014 (412 MW)
Total SJVNL		2	12			1912.00	8490.08	
NTPC LTD.								
12	Koldam	1	4	S	(4X200)	800.00	3054.79	2015 (800 MW)
Total NTPC LTD.		1	4			800.00	3054.79	
Total Central Sector-HP		12	54			7248.00	26730.83	
HPSEBL								
13	Bassi	1	4	R(P)	(4X16.5)	66.00	346.77	1970 (33 MW) 1971 (16.5 MW) 1981 (16.5 MW)
14	Giri Bata	1	2	R(P)	(2X30)	60.00	240.00	1978 (60 MW)
15	Larji'	1	3	R(P)	(3X42)	126.00	586.85	2006 (126 MW)
16	Sanjay	1	3	R(P)	(3X40)	120.00	518.00	1989 (120 MW)
Total HPSEBL		4	12			372.00	1691.62	
HPPCL								

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Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
17	Integrated Kashang	1	3	R (P)	(3X65)	195	245.80	2016 (130 MW) 2017 (65 MW)
18	Sainj	1	2	R(P)	(2X50)	100	323.23	2017 (100 MW)
19	Sawra Kuddu	1	3	R	(3X37)	111	386.00	2020 (111 MW)
	Total HPPCL	3	8			406	955.03	
	PSPCL							
20	Shanan	1	5	R(P)	(1X50)+(4X15)	110.00	585.00	1932 (60 MW) 1982 (50 MW)
	Sub Total PSPCL-HP	1	5			110.00	585.00	
	Total State Sector	8	25			888.00	3231.65	
	Private Sector							
	MPCL							
21	Malana	1	2	R(P)	(2X43)	86.00	370.93	2001 (86 MW)
	Total MPCL	1	2			86.00	370.93	
	GBHPPL							
22	Budhil	1	2	R(P)	(2X35)	70.00	291.73	2012 (70 MW)
	Total GBHPPL	1	2			70.00	291.73	
	EPPL							
23	Malana-II	1	2	R(P)	(2X50)	100.00	403.00	2011 (100 MW)
	Total EPPL	1	2			100.00	403.00	
	IA Energy							
24	Chanju-I	1	3	R(P)	(3X12)	36.00	157.82	2017 (12 MW)
	Total IA Energy	1	3			36.00	157.82	
25	Allain Duhangan	1	2	R(P)	(2X96)	192.00	678.18	2010 (192 MW)
	Total ADHPL	1	2			192.00	678.18	
	HBPCL							
26	Baspa	1	3	R(P)	(3X100)	300.00	1213.00	2003 (300 MW)
27	Karcham Wangtoo	1	4	R(P)	(4X261.25)	1045.00	4131.06	2011 (1000 MW)
	Total HBPCL	2	7			1345.00	5344.06	
	HSPPL							
28	Sorang	1	2	R	(2x50)	100.00	524.00	2021 (100 MW)
	Total HSPPL	1	2			100.00	524.00	
	Total PVT	8	20			1929.00	7769.72	
	Total Himachal Pradesh	28	99			10065.00	37732.20	
	JAMMU & KASHMIR							
	JKSPDC							
29	Baglihar-I	1	3	R(P)	(3X150)	450.00	2643.00	2008 (450 MW)
30	Baglihar-II	1	3	R(P)	(3X150)	450.00	1302.30	2015 (450 MW)
31	Lower Jhelum	1	3	R(P)	(3X35)	105.00	533.00	1978 (35 MW) 1979 (70 MW)
32	Upper Sindh-II	1	3	R(P)	(3X35)	105.00	355.00	2000 (35 MW) 2001 (35 MW) 2002 (35 MW)

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Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
	Total JKSPDC	4	12			1110.00	4833.30	

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Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
	NHPC							
33	Dulhasti	1	3	R(P)	(3X130)	390.00	1907.00	2007 (390 MW)
34	Salal-I&II	1	6	R	(3X115)	690.00	3082.00	1987 (345 MW) 1993 (115 MW) 1994 (115 MW) 1995 (115 MW)
35	Uri-I	1	4	R	(4X120)	480.00	2587.38	1996 (120 MW) 1997 (360 MW)
36	Uri-II	1	4	R	(4X60)	240.00	1124.00	2013 (180 MW) 2014 (60 MW)
37	Sewa-II	1	3	R(P)	(3X40)	120.00	533.52	2010 (120 MW)
38	Keshanganga	1	3	R(P)	(3X110)	330.00	1705.62	2018 (330 MW)
	Sub-Total NHPC	6	23			2250	10939.52	
	Total Jammu & Kashmir	10	35			3360	15772.82	
	LADAKH							
	NHPC							
39	Chutak	1	4	R	(4X11)	44.00	213.00	2012 (33 MW) 2013 (11 MW)
40	Nimoo Bazgo	1	3	R(P)	(3X15)	45.00	239.00	2013 (45 MW)
	Sub-Total NHPC	2	7			89.00	452.00	
	Total Ladakh	2	7			89	452	
	PUNJAB							
	PSPCL							
41	Anandpur Sahib-I	1	2	R	(2X33.5)	67.00	909.00	1985 (67 MW)
42	Anandpur Sahib-I	1	2	R	(2X33.5)	67.00		1985 (67 MW)
43	Mukerian-I	1	3	R	(3X15)	45.00	1206.00	1983 (45 MW)
44	Mukerian-II	1	3	R	(3X15)	45.00		1988 (30 MW) 1989 (15 MW)
45	Mukerian-III	1	3	R	(3X19.5)	58.50		1989 (58.50 MW)
46	Mukerian-IV	1	3	R	(3X19.5)	58.50		1989 (58.50 MW)
47	Ranjit Sagar	1	4	S	(4X150)	600.00	1507.00	2000 (600 MW)
	Total PSPCL	7	20			941.00	3622.00	
	BBMB							
48	Ganguwal	1	3	R	(2X24.2)+(1X29.25)	77.65	1358	1955 (48.4 MW) 1962 (29.25 MW)
49	Kotla	1	3	R	(2X24.2)+(1X29.25)	77.65		1956 (48.4 MW) 1961 (29.25 MW)
	Sub-Total BBMB (Punjab)	2	6			155.30	1358.00	
	Total Punjab	9	26			1096.30	4980.00	
	Rajasthan							
	RRVUNL							
50	Jawahar Sagar	1	3	R(P)	(3X33)	99.00	298.00	1973 (99 MW)
51	Mahi Bajaj-I	1	2	MP	(2X25)	50.00	289.00	1986 (50 MW)
52	Mahi Bajaj-II	1	2	R(P)	(2X45)	90.00		1989 (90 MW)

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53	R P Sagar	1	4	MP	(4X43)	172.00	459.00	1968 (129 MW) 1969 (43 MW)
	Total RRVUNL	4	11			411.00	1046.00	
	Total Rajasthan	4	11			411.00	1046.00	
	UTTARAKHAND							
	NHPC							
54	Dhauli Ganga	1	4	R(P)	(4X70)	280.00	1134.69	2005 (280 MW)
55	Tanakpur	1	3	R	(3X31.4)	94.20	452.19	1992 (94.2 MW)
	Sub-Total NHPC	2	7			374.20	1586.88	
	THDC							
56	Tehri St-I	1	4	MP	(4X250)	1000.00	2797.00	2006 (500 MW) 2007 (500 MW)
57	Koteshwar	1	4	R(P)	(4X100)	400.00	1155.00	2011 (200 MW) 2012 (200 MW)
	Total THDC	2	8			1400.00	3952.00	
	Sub Total Central	4	15			1774.20	5538.88	
	State Sector							
	UJVNL							
58	Chibro (Yamuna)	1	4	R(P)	(4X60)	240.00	750.00	1975 (180 MW) 1976 (60 MW)
59	Chilla	1	4	R	(4X36)	144.00	725.00	1980 (108 MW) 1981 (36 MW)
60	Dhakrani	1	3	R	(3X11.25)	33.75	169.00	1965 (11.25 MW) 1966 (11.25 MW) 1970 (11.25 MW)
61	Dhalipur	1	3	R	(3X17)	51.00	192.00	1965 (17 MW) 1966 (17 MW) 1970 (17 MW)
62	Khatima	1	3	R	(3X13.8)	41.40	208.00	1955 (13.8 MW) 1956 (27.6 MW)
63	Khodri	1	4	R(P)	(4X30)	120.00	345.00	1984 (120 MW)
64	Kulhal	1	3	R	(3X10)	30.00	164.00	1975 (30 MW)
65	Maneri Bhali-I	1	3	R(P)	(3X30)	90.00	395.00	1984 (90 MW)
66	Maneri Bhali-II	1	4	R(P)	(4X76)	304.00	1566.10	2008 (304 MW)
67	Ramganga	1	3	MP	(3X66)	198.00	334.00	1975 (66 MW) 1976 (66 MW) 1977 (66 MW)
	Total UJVNL	10	34			1252.15	4848.10	
	Private Sector							
	AHPC							
68	Shrinagar	1	4	R(P)	(4X82.50)	330.00	1396.84	2015 (330 MW)
	JPPVL							
69	Vishnu Prayag	1	4	R	(4X100)	400.00	1774.42	2006 (400 MW)
	ReNew Power Private Limited							
70	Singoli Bhatwari	1	3	R	(3x33)	99.00	473.00	2020 (33 MW)

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	Sub Total Private	3	11			829.00	3644.26	
	Total Uttarakhand	17	60			3855.35	14031.24	
	UPJVNL							
	UTTAR PRADESH							
71	Khara	1	3	R(P)	(3X24)	72.00	385.00	1992 (72 MW)
72	Matatila	1	3	MP	(3X10.2)	30.60	123.00	1965 (30.6 MW)
73	Obra	1	3	MP	(3X33)	99.00	279.00	1970 (66 MW) 1971 (33 MW)
74	Rihand	1	6	MP	(6X50)	300.00	920.00	1962 (250 MW) 1966 (50 MW)
	Total UPJVNL	4	15			501.60	1707.00	
	Total Northern Region	74	253			19378.25	75721.26	
	Western Region							
	MADHYA PRADESH							
	NHDC							
75	Indira Sagar	1	8	MP	(8X125)	1000.00	1980.00	2004 (875 MW) 2005 (125 MW)
76	Omkareshwar	1	8	MP	(8X65)	520.00	1166.57	2007 (520 MW)
	Sub-Total NHDC	2	16			1520.00	3146.57	
	Total Central	2	16			1520.00	3146.57	
	MPPGCL							
77	Bansagar Tons-I	1	3	R(P)	(3X105)	315.00	900.00	1991 (105 MW) 1992 (210 MW)
78	Bansagar Tons-III	1	2	R	(2X15)	30.00	113.00	2002 (30 MW)
79	Bansagar Tons-II	1	3	MP	(3X20)	60.00	143.00	2000 (20 MW) 2001 (20 MW) 2002 (20 MW)
80	Bargi	1	2	MP	(2X45)	90.00	508.08	1988 (90 MW)
81	Gandhi Sagar	1	5	MP	(5X23)	115.00	420.48	1960 (69 MW) 1963 (23 MW) 1966 (23 MW)
82	Madhikhera	1	3	MP	(3X20)	60.00	74.12	2006 (40 MW) 2007 (20 MW)
83	Rajghat	1	3	MP	(3X15)	45.00	87.60	1999 (45 MW)
	Sub-Total MPPGCL	7	21			715.00	2246.28	
	Total Madhya Pradesh	9	37			2235.00	5392.85	
	MAHARASHTRA							
	MAHAGENCO							
84	Bhira Tail Race	1	2	R(P)	(2X40)	80.00	75.00	1987 (40 MW) 1988 (40 MW)
85	Koyna DPH	1	2	S	(2X18)	36.00	146.00	1980 (18 MW) 1981 (18 MW)

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86	Koyna-I&II	1	8	S	(4X70)+(4X80)	600.00	3030.00	1962 (140 MW) 1963 (140 MW) 1966 (240 MW) 1967 (80 MW)
87	Koyna-III	1	4	R(P)	(4X80)	320.00		1975 (160 MW) 1977 (80 MW) 1978 (80 MW)
88	Koyna-IV	1	4	S	(4X250)	1000.00		1999 (500 MW) 2000 (500 MW)
89	Tillari	1	1	R(P)	(1X60)	60.00	133.00	1986 (60 MW)
90	Vaitarna	1	1	S	(1X60)	60.00	144.00	1976 (60 MW)
	Sub-Total MAHAGENCO	7	22			2156.00	3528.00	
	MPPGCL							
91	Pench	1	2	MP	(2X80)	160.00	315.36	1986 (80 MW) 1987 (80 MW)
	Sub-Total MPPGCL	1	2			160.00	315.36	
	Total State SECTOR	8	24			2316.00	3843.36	
	Private Sector							
	Dodson-Lindblom Hydro Power Pvt. Ltd.(DLHP)							
92	Bhandardhara St-II	1	1	R(P)	(1X34)	34.00	50.00	1996 (34 MW)
	Sub-Total DLHP	1	1			34.00	50.00	
	Tata Power Company							
93	Bhira	1	6	S	(6X25)	150.00	775.00	1927 (125 MW) 1949 (25 MW)
94	Bhivpuri	1	5	S	(3X24) + (2X1.5)	75.00	220.00	1997 (3 MW) 1998 (48 MW) 1999 (24 MW)
95	Khopoli	1	3	S	(3X24)	72.00	225.00	2001 (24 MW) 2002 (24 MW) 2003 (24 MW)
	Sub-Total TPCL	3	14			297.00	1220.00	
	Total Pvt. (Maharashtra)	4	15			331.00	1270.00	
	Total Maharashtra	12	39			2647.00	5113.36	
	CHHATISGARG							
	CSPGCL							
	State Sector							
96	Hasdeobango	1	3	MP	(3X40)	120.00	245.00	1994 (80 MW) 1995 (40 MW)
	Total CSPGCL	1	3			120.00	245.00	
	Total Chhatisgarh	1	3			120.00	245.00	
	GUJARAT							
	State Sector							
	GSECL							

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97	Ukai	1	4	MP	(4X75)	300.00	1080.00	1974 (150 MW) 1975 (75 MW) 1976 (75 MW)
	Sub-Total GSECL	1	4			300.00	1080.00	
	SSNNL							
98	Sardar Sarovar CHPH	1	5	R(P)	(5X50)	250.00	213.00	2004 (250 MW)
	Sub-Total SSNNL	1	5			250.00	213.00	
	Total Gujarat	2	9			550.00	1293.00	
	Total Western Region	24	88			5552.00	12044.21	
	Southern Region							
	ANDHRA PRADESH							
	APGENCO							
	State Sector							
99	Lower Sileru	1	4	S	(4X115)	460.00	1070.00	1976 (230 MW) 1977 (115 MW) 1978 (115 MW)
100	N J Sagar RBC & EXT.	1	3	MP	(3X30)	90.00	156.00	1990 (30 MW) 1992 (60 MW)
101	Srisaillam	1	7	MP	(7X110)	770.00	2900.00	1982 (220 MW) 1983 (110 MW) 1984 (110 MW) 1986 (220 MW) 1987 (110 MW)
102	Upper Sileru-I&II	1	4	S	(4X60)	240.00	529.00	1994 (60 MW) 1995 (60 MW)
103	N J Sagar TPD	1	2	R(P)	(2X25)	50.00	177.00	2017 (50 MW)
	Total APGENCO	5	20			1610.00	4832.00	
	Total Andhra Pradesh	5	20			1610.00	4832.00	
	TELANGANA							
	TSGENCO							
	State Sector							
104	Priyadarshni Jurala	1	6	R(P)	(6X39)	234.00	404.00	2008 (78 MW) 2009 (39 MW) 2010 (78 MW) 2011 (39 MW)
105	Pochampad	1	4	MP	(4X9)	36.00	147.00	1987-1988, 2010
106	N J Sagar	1	1	MP	(1X110)	110.00		1978 (110 MW)
107	N J Sagar LBC	1	2	R	(2X30)	60.00	104.00	1983 (60 MW)
108	Lower Jurala	1	6	R(P)	(6X40)	240.00	534.43	2015 (80 MW) 2016 (160 MW)
109	Pulinchinthala	1	4	R(P)	(4X30)	120.00	219.42	2016 (60 MW) 2017 (60 MW)
	Total TSGENCO	6	23			800.00	1408.85	
	Total Telangana	6	23			800.00	1408.85	
	KARNATAKA							
	KPCL							

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
	State Sector							
110	Almatti	1	6	MP	(5X55)+(1X15)	290.00	483.00	2004 (70 MW) 2005 (220 MW)
111	Gerusoppa(Sharavathy Tail Race)	1	4	R(P)	(4X60)	240.00	622.00	2001 (180 MW) 2002 (60 MW)
112	Ghat Prabha	1	2	MP	(2X16)	32.00	131.00	1992 (32 MW)
113	Mahatma Gandhi (Jog)	1	8	S	(4X21.6)+(4X13.2)	139.20	118.00	1949 (26.4 MW) 1950 (13.2 MW) 1952 (65 MW) 2001 (13.2 MW) 2002 (21.6 MW)
114	Kadra	1	3	S	(3X50)	150.00	570.00	1997 (50 MW) 1999 (100 MW)
115	Kalinadi (Nagjhari)	1	6	S	(6X150)	900.00	3385.00	1979 (135 MW) 1980 (135 MW) 1981 (135 MW) 1982 (135 MW) 1983 (135 MW) 1984 (135 MW)
116	Kalinadi (Supa)	1	2	S	(2X50)	100.00	542.00	1985 (100 MW)
117	Kodasali	1	3	S	(3X40)	120.00	512.00	1998 (40 MW) 1999 (80 MW)
118	Lingnamakki	1	2	S	(2X27.5)	55.00	254.00	1979 (27.5 MW) 1980 (27.5 MW)
119	Munirabad	1	3	MP	(2X9)+(1X10)	28.00	66.00	1962 (18 MW) 1965 (10 MW)
120	Sharavathy	1	10	S	(10X103.5)	1035.00	4932.00	1964 (103.5 MW) 1965 (103.5 MW) 1967 (207 MW) 1968 (311 MW) 1971 (103.5 MW) 1976 (103.5 MW) 1977 (103.5 MW)
121	Sivasamundrum	1	10	R(P)	(4X6)+(6X3)	42.00	183.00	1922 (3 MW) 1923 (3 MW) 1924 (9 MW) 1925 (3 MW) 1928 (18 MW) 1934 (6 MW)
122	Varahi	1	4	R(P)	(4X115)	460.00	1060.00	1989 (115 MW) 1990 (115 MW) 2009 (230 MW)
123	Bhadra	1	3	MP	(2x12)+(1x2)	26.00	123.00	1965 (26 MW)
	Total KPCL	14	66			3617.20	12981.00	
	APGENCO							
124	T B Dam	1	4	MP	(4X9)	36.00	236.00	1957 (18 MW) 1964 (18 MW)
125	Hampi	1	4	MP	(4X9)	36.00		1958 (18 MW) 1964 (18 MW)
	Sub-Total APGENCO	2	8			72.00	236.00	
	Total Karnataka	16	74			3689.20	13217.00	

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
	KERALA							
	KSEB							
	State Sector							
126	Idamalayar	1	2	MP	(2X37.5)	75.00	380.00	1987 (75 MW)
127	Idukki	1	6	MP	(6X130)	780.00	2398.00	1976 (390 MW) 1985 (130 MW) 1986 (260 MW)
128	Kakkad	1	2	R(P)	(2X25)	50.00	262.00	1999 (50 MW)
129	Kuttiyadi	1	3	MP	(3X25)	75.00	323.00	1972 (75 MW)
130	Kuttiyadi Extn.	1	1	MP	(1X50)	50.00		2001 (50 MW)
131	Kuttiyadi Additional Extn.	1	2	MP	(2X50)	100.00		2010 (100 MW)
132	Lower Periyar	1	3	R(P)	(3X60)	180.00	493.00	1997 (180 MW)
133	Nariamangalam	1	3	S	(3X15)	45.00	237.00	1961 (30 MW) 1963 (15 MW)
134	Pallivasal	1	6	S	(3X5)+(3X7.5)	37.50	284.00	1948 (7.5 MW) 1949 (7.5 MW) 1951 (7.5 MW) 2001 (15 MW)
135	Panniar	1	2	S	(2X15)	30.00	158.00	1963 (15 MW) 2001 (15 MW)
136	Poringalkuttu	1	4	S	(4X8)	32.00	170.00	1957 (8 MW) 1958 (8 MW) 1959 (8 MW) 1960 (8 MW)
137	Sabirigiri	1	6	S	(6X50)	300.00	1338.00	1960 (150 MW) 1967 (150 MW)
138	Sengulam	1	4	S	(4X12)	48.00	182.00	1954 (24 MW) 2001 (24 MW)
139	Sholayar	1	3	S	(3X18)	54.00	233.00	1956 (18 MW) 1968 (36 MW)
	Total KSEB	14	47			1856.50	6458.00	
	Total Kerala	14	47			1856.50	6458.00	
	TAMILNADU							
	TANGEDCO							
140	Aliyar	1	1	MP	(1X60)	60.00	175.00	1970 (60 MW)
141	Bhavani Kattalai Barrage-I	1	2	R(P)	(2X15)	30.00	90.00	2006 (30 MW)
142	Bhavani Kattalai Barrage-II	1	2	R(P)	(2X15)	30.00	100.00	2013 (30 MW)
143	Bhavani Kattalai Barrage-III	1	2	R(P)	(2X15)	30.00	80.00	2012 (15 MW) 2013 (15 MW)
144	Kodayar-I	1	1	MP	(1X60)	60.00	165.00	1970 (60 MW)
145	Kodayar-I	1	1	MP	(1X40)	40.00		1971 (40 MW)

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country
(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
146	Kundah-I	1	3	S	(3X20)	60.00	1387.00	1960 (40 MW) 1964 (20 MW)
147	Kundah-II	1	5	S	(5X35)	175.00		1960 (35 MW) 1961 (105 MW) 1964 (35 MW)
148	Kundah-III	1	3	S	(3X60)	180.00		1965 (120 MW) 1978 (60 MW)
149	Kundah-IV	1	2	S	(2X50)	100.00		1966 (50 MW) 1978 (50 MW)
150	Kundah-V	1	2	S	(2X20)	40.00		1964 (20 MW) 1988 (20 MW)
151	Lower Mettur-I	1	2	R(P)	(2X15)	30.00	252.00	1988 (30 MW)
152	Lower Mettur-II	1	2	R(P)	(2X15)	30.00		1988 (30 MW)
153	Lower Mettur-III	1	2	R(P)	(2X15)	30.00		1987 (15 MW) 1988 (15 MW)
154	Lower Mettur-IV	1	2	R(P)	(2X15)	30.00		1989 (15 MW) 1988 (15 MW)
155	Mettur Dam	1	4	MP	(4X12.5)	50.00	541.00	1937 (25 MW) 1938 (12.5 MW) 1946 (12.5 MW)
156	Mettur Tunnel	1	4	MP	(4X50)	200.00		1965 (50 MW) 1966 (150 MW)
157	Moyar	1	3	S	(3X12)	36.00	115.00	1952 (24 MW) 1953 (12 MW)
158	Papanasam	1	4	MP	(4X8)	32.00	105.00	1944 (16 MW) 1945 (8 MW) 1951 (8 MW)
159	Parson's Valley	1	1	S	(1X30)	30.00	53.00	2000 (30 MW)
160	Periyar	1	4	MP	(3X42)+(1X35)	161.00	409.00	1958 (35 MW) 1959 (70 MW) 1965 (35 MW)
161	Pykara	1	6	S	(3X7)+(2X13.6)+(1X11)	59.20	274.00	1932 (14 MW) 1933 (7 MW) 1939 (11 MW) 1954 (27.2 MW)
162	Pykara Ultimate	1	3	S	(3X50)	150.00	30.00	2005 (150 MW)
163	Sarakarpathy	1	1	R(P)	(1X30)	30.00	162.00	1966 (30 MW)
164	Sholayar-I	1	2	S	(2X35)	70.00	254.00	1971 (70 MW)
165	Suruliyar	1	1	S	(1X35)	35.00	79.00	1978 (35 MW)
	Total TANGEDCO	26	65			1778.20	4271.00	
	Total Tamilnadu	26	65			1778.20	4271.00	
	Total Southern Region	67	229			9733.90	30186.85	
	Eastern Region							
	WEST BENGAL							
	DVC							
166	Maithon	1	3	MP	(1X23.2)+(2X20)	63.20	137.00	1957 (20 MW) 1958 (43.2 MW)
	Sub-Total DVC	1	3			63.20	137.00	
	NHPC							
167	Teesta Low Dam-III	1	4	R(P)	(4X33)	132.00	594.00	2013 (132 MW)

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
168	Teesta Low Dam-IV	1	4	R(P)	(4X40)	160.00	719.67	2016 (120 MW)
	Sub Total NHPC	2	8			292.00	1313.67	
	Sub-Total Central	3	11			355.20	1450.67	
	WBSEDCL							
169	Jaldhaka	1	4	R(P)	(4X9)	36.00	165.00	1967 (18 MW) 1972 (9 MW)
170	Rammam	1	4	R	(4X12.5)	50.00	210.00	1995 (25 MW) 1996 (25 MW)
	Sub-Total WBSEDCL	2	8			86.00	375.00	
	Total West Bengal	5	19			441.20	1825.67	
	SIKKIM							
	NHPC							
171	Rangit	1	3	R(P)	(3X20)	60.00	338.61	2000 (60 MW)
172	Teesta-V	1	3	R(P)	(3X170)	510.00	2572.70	2008 (510 MW)
	Sub-Total NHPC	2	6			570.00	2911.31	
	State Sector							
	Teesta Urja Ltd.							
173	Teesta-III	1	6	R(P)	(6X200)	1200.00	5214.00	2017 (1200 MW)
	Sub-Total TUL	1	6			1200.00	5214.00	
	Private							
	GIPL (Gati Infra Pvt. Ltd.)							
174	Chujachen	1	2	R(P)	(2*55)	110.00	537.81	2013 (110 MW)
	Sneha Kinetic Power Projects Pvt. Ltd.(SKPPPL)							
175	Dikchu	1	2	R(P)	(2*48)	96.00	431.00	2017 (96 MW)
	Shiga Energy Pvt. Ltd.(SEPL)							
176	Tashiding	1	2	R(P)	(2*48.50)	97.00	425.05	2017 (97 MW)
	DANS Energy Pvt. Ltd. (DEPL)							
177	Jorethang Loop	1	2	R(P)	(2*48)	96.00	459.02	2015 (96 MW)
	MBPC							
178	Rongnichu	1	2	R	(2*56.5)	113.00	434.00	2021 (113 MW)
	Sub-Total Private	5	10			512.00	2286.88	
	Total Sikkim	8	22			2282.00	10412.19	

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
	JHARKHAND							
179	Panchet	1	2	MP	(2X40)	80.00	237.00	1959 (40 MW) 1991 (40 MW)
	Sub-Total DVC	1	2			80.00	237.00	
	JUUNL							
180	Subernrekha-I	1	1	MP	(1X65)	65.00	149.00	1977 (65 MW)
181	Subernrekha-II	1	1	R(P)	(1X65)	65.00		1980 (65 MW)
	Total JUUNL	2	2			130.00	149.00	
	Total Jharkhand	3	4			210.00	386.00	
	ODISHA							
	OHPC							
182	Balimela	1	8	MP	(6X60)+(2X75)	510.00	1183.00	1973 (60 MW) 1974 (120 MW) 1975 (60 MW) 1976 (60 MW) 1977 (60 MW) 2008 (150 MW)
183	Hirakud (Burla)	1	7	MP	(3X37.5)+(2X49.5)+(2X32)	275.50	684.00	1956 (32 MW) 1957 (81.5 MW) 1958 (49.5 MW) 1962 (37.5 MW) 1963 (37.5 MW) 1990 (37.5 MW)
184	Hirakud (Chiplima)	1	3	R(P)	(3X24)	72.00	490.00	1962 (48 MW) 1964 (24 MW)
185	Rengali	1	5	MP	(5X50)	250.00	525.00	1985 (50 MW) 1986 (50 MW) 1989 (50 MW) 1990 (50 MW) 1992 (50 MW)
186	Upper Indravati	1	4	MP	(4X150)	600.00	1962.00	1999 (300 MW) 2000 (150 MW) 2001 (150 MW)

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
187	Upper Kolab	1	4	MP	(4X80)	320.00	832.00	1988 (160 MW) 1990 (80 MW) 1993 (80 MW)
	Total OHPC	6	31			2027.50	5676.00	
	APGENCO							
188	Machkund	1	6	S	(3X17)+(3X21.25)	114.75	670.00	1955 (34 MW) 1956 (17 MW) 1959 (63.75 MW)
	Sub-Total APGENCO	1	6			114.75	670	
	Total Odisha	7	37			2142.25	6346	
	Total Eastern Region	23	82			5075.45	18969.86	
	North Eastern Region							
	ARUNACHAL PRADESH							
	NEEPCO							
189	Ranganadi	1	3	R(P)	(3X135)	405.00	1509.66	2002 (405 MW)
190	Pare	1	2	R (P)	(2X55)	110.00	506.42	2018 (110 MW)
191	Kameng	1	4	R (P)	(3X150)	600.00	3353.00	2020 (300 MW) 2021 (300 MW)
	Sub-Total NEEPCO Ar.P	3	9			1115.00	5369.08	
	Total Arunachal Pradesh	3	9			1115.00	5369.08	
	ASSAM							
	NEEPCO							
192	Kopoli	1	4	S	(4X50)	200.00	1186.14	1988 (100 MW) 1996 (50 MW) 1997 (50 MW)
193	Khondong	1	2	S	(2X25)	50.00	363.95	1984 (50 MW)
	Sub-Total NEEPCO Assam	2	6			250.00	1550.09	
	APGCL							
194	Karbi Langpi	1	2	R(P)	(2X50)	100.00	390.00	2007 (100 MW)
	Sub-Total APGCL	1	2			100.00	390.00	
	Total Assam	3	8			350.00	1940.09	
	MIZORAM							
	NEEPCO							
195	Tuirial	1	2	S	(2X30)	60.00	250.63	2017 (60 MW)
	Total NEEPCO Mizoram	1	2			60.00	250.63	
	Total Mizoram	1	2			60.00	250.63	
	NAGALAND							
	NEEPCO							
196	Doyang	1	3	S	(3X25)	75.00	227.24	2000 (75 MW)
	Total-NEEPCO Nagaland	1	3			75.00	227.24	
	Total Nagaland	1	3			75.000	227.240	
	MANIPUR							
	NHPC							
197	Loktak	1	3	MP	(3X35)	105.00	448.00	1983 (105 MW)

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
	Sub-Total NHPC	1	3			105.00	448.00	
	Total Manipur	1	3			105.000	448.000	
	MEGHALAYA							
	MePGCL							
198	Kyrdemkulai	1	2	R(P)	(2X30)	60.00	118.00	1979 (60 MW)
199	Umiam St. I	1	4	S	(4X9)	36.00	128.00	1965 (36 MW)
200	New Umetru	1	2	R(P)	(2X20)	40.00	235.00	2017 (20 MW)
201	Umiam St. IV	1	2	R(P)	(2X30)	60.00	324.00	1992 (60 MW)
202	Myntdu St-I	1	3	R(P)	(3X42)	126.00	372.69	2011 (84 MW) 2013 (42 MW)
	Total MePGCL	5	13			322.00	1177.69	
	Total Meghalaya	5	13			322.00	1177.69	
	Total NE Region	14	38			2027.00	9412.73	
	Total	202	690			41766.60	146334.91	
	Pumped Storage Schemes							
	Western Region							
	GUJARAT							
	State Sector							
	GSECL							
1	Kadana	1	4	PSS	(4X60)	240.00	518.00	1990 (120 MW) 1998 (120 MW)
	SSNNL							
2	Sardar Sarovar RBPH	1	6	PSS	(6X200)	1200.00	3635.00	2005 (800 MW) 2006 (400 MW)
	Total Gujarat	2	10			1440.00	4153.00	
	MAHARASHTRA							
	State Sector							
	MAHAGENCO							
3	Ghatgarh	1	2	PSS	(2X125)	250.00	410.00	2008 (250 MW)
	Private Sector							
	Tata Power Company							
4	Bhira	1	1	PSS	(1X150)	150.00		1927 (125 MW) 1949 (25 MW)
	Sub-Total Maharashtra	2	3			400.00	410.00	
	Total Western Region	4	13			1840.00	4563.00	
	Southern Region							
	TELANGANA							
	State Sector							
	TSGENCO							

State-wise/Station-wise Installed Capacity of H.E. Stations in the Country

(Above 25 MW Capacity)

(As on 30.11.2021)

Sl No.	Utilities/Stations	No. of Stations	No. of Units	Type of Project	No. of Units X Capacity(MW)	Capacity (MW)	Design Energy (MU)	Year of Commissioning
5	N J Sagar	1	7	PSS	(7X100.8)	705.60	2237.00	1980 (100.8 MW) 1981 (100.8 MW) 1982 (100.8 MW) 1983 (100.8 MW) 1984 (100.8 MW) 1985 (202 MW)
6	Srisaïlam LBPG	1	6	PSS	(6X150)	900.00	1400.00	2001 (300 MW) 2002 (450 MW) 2003 (150 MW)
	Sub-Total TELANGANA	2	13			1605.60	3637.00	
	TAMIL NADU							
7	Kadamparai	1	4	PSS	(4X100)	400.00	77.00	1987 (100 MW) 1988 (200 MW) 1989 (100 MW)
	Sub-Total TAMIL NADU	1	4			400.00	77.00	
	Total Southern Region	3	17			2005.60	3714.00	
	Eastern Region							
	WEST BENGAL							
	State Sector							
	WBSEDCL							
8	Purulia	1	4	PSS	(4X225)	900.00	1235.00	1995 (25 MW) 1996 (25 MW)
	Sub-Total	1	4			900.00	1235.00	
	Total- PSS	8	34			4745.60	9512.00	
	Total (Conventional+PSS)	209.00	724			46512.20	155846.91	

NOTE: a. R-Runof river, R(P)-Run of river with Pondage, MP-Multipurpose and S-Storage

b. The Total No. of HE Stations are 209 as following One Hydro Station have conventional as well as PSS capacity.

Sl. No.	Station	State/Region	Installed Capacity (MW)	
			Conventional	PSS
1	N J Sagar	Telangana/ Southern	1X110 =110	7X100.8=705.60