

Power Stations	Year	Type	Head (m)	Unit Discharge (cum/s)	Installed Capacity (MW) No.s of Unit x Unit Capacity	Design Generation (GWh)	Max. generation in a year till date (GWh)	Runner type	Generator Capacity (MVA)	Generator Voltage (kV)	No.of Poles/RPM	Transmission Voltage (kV)	Power Transmitted to
Kaligandaki 'A'	2002	Peaking ROR	130/115	47	3 X 48 = 144	974.8	974.8 (2078/79)	Francis (vertical)	56.5	13.8	20/300	132	Butwal- 2 Ckt, Syangja-1 Ckt
Mid-Marsyangdi	2008	Peaking ROR	110/98	42.4	2 X 35 = 70	471.3	471.3 (2075/76)	Francis (vertical)	39	11	18/333.3	132	Markhichowk-1 Ckt, Damauli-1 Ckt
Marsyangdi	1989	Peaking ROR	90.5(Net head)	30.5	3 X 23 = 69	483.9	483.9 (2052/53)	Francis (vertical)	30	11	20/300	132	Syuchatar-1 Ckt, Markhichowk-2 Ckt, Bharatpur- 2 Ckt
Upper Trishuli 3A	2019	ROR	144.5 (Gross head)	25.5 m ³ /s based on 70% exceedance flow	2 X 30 = 60	432.8	432.8 (2076/77)	Francis (vertical)	36	11	14/428.6	132	Trishuli 3B Hub- 2 Ckt
Kulekhani I	1982	Seasonal Storage	550 (Rated head)	6.05	2 X 30 = 60	249.7	249.7 (2056/57)	Pelton (vertical)	35	11	10/600	66	Hetauda-2 Ckt, Suichatar-2 Ckt
Kulekhani II	1986	Cascade plant of Kulekhani I HPP	310/284.1	8.325	2 X 16 = 32	122.8	122.8 (2056/57)	Francis (vertical)	18.8	6.6	8/750	132	Matatirtha-2 Ckt, Hetauda-2 Ckt
Chameliya	2018	Peaking ROR	103.70/ 94	17.5	2 X 15 = 30	161.4	161.4 (2075/76)	Francis (vertical)	16.2	11	14/428.6	132	Syule Substation-2 Ckt
Trishuli	1967	Peaking ROR	51.4	7.8(3 Units) & 8.35(4 Units)	6 X 3.5 + 1 X 3 = 24	154.4	154.4 (2053/54)	Francis (horizontal)	3.889	6.6	12/500	66	Chilime-1 Ckt,Devighat-1 Ckt, Balaju-2 Ckt
Gandak	1979	Canal Drop	7.59 / 6.09	103.84	3 X 5 = 15	52.3	52.3 (2043/44)	Kaplan	5.9	6.6	56/107	132	Bardaghat-1 Ckt
Modi	2000	ROR	66.96 (Net head)	12.5	2 X 7.4 = 14.8	79.6	79.6 (2078/79)	Francis	8.26	6.6	14/428.6	132	Pokhara- 1 Ckt, Lower Modi-1 Ckt
Devighat	1984	Cascade of Trishuli HPP	40.5/ 39	15.1	3 X 5 = 15	106.3	106.3 (2056/57)	Francis (vertical)	6.25	6.6	18/333.33	66	Trishuli-1 Ckt, Chapali-2 Ckt
Kulekhani III	2019	Cascade plant of Kulekhani I HPP & Kulekhani II HPP	109.8/103.17	16	2 X 7 = 14	36.2	36.2 (2078/79)	Francis (vertical)	8.56	6.6	10/600	132	Hetauda-1 Ckt
Sunkoshi	1972	ROR	30.5 (Designed head)	13.3	3 X 3.35 =10.05	66.4	66.4 (2068/69)	Francis (vertical)	3.35	6.3	20/300	66	Panchkhal- 1 Ckt
Puwa	1999	ROR	304 (Net head)	1.25	2 X 3.1 = 6.2	37.7	37.7 (2078/79)	Pelton	3.7	6.6	10/600	33	Godak, Illam- 1 Ckt
Chatara	1996	Canal Drop	5.38	33.63	2 X 1.6 = 3.2	5.2	5.2 (2063/64)	Kaplan (Beverl Gear Bulb)	1.752	11	8/750-Rotor,165-Runner	33	Dharan-1 Ckt,
Panauti	1965	ROR	66/ 60	1.61	3 X 0.8 = 2.4	4.7	4.7 (2058/59)	Francis (horizontal)	1	6.3	6/1000	33	Bhaktapur-1 Ckt
Seti	1985	ROR	22.5 (Net head)	1.61	3 X 0.5 = 1.5	11.7	11.7 (2077/78)	Francis (horizontal)	0.625	6.3	12/500	11	Kuder-1 Ckt
Fewa	1969	Canal Drop	74.68 (Net head)	-	4 X 0.25 = 1	3.9	3.9 (2034/35)	Francis (horizontal)	0.272	0.4	6/1000	11	Kuder-1 Ckt
Sundarijal	1934	ROR	216 (Net head)	0.76	2 X 0.485 = 0.97	6.1	6.1 (2078/79)	Pelton (horizontal)	6	3.3	8/750	11	Chahbil- 1 Ckt
Pharping	1911	Pondage	208	-	2 X 0.25 = 0.5	-	(2064/65)	Pelton (horizontal)	0.313	3.3	10/600	11	
Multifuel	1990	Thermal (Furnace Oil & Diesel Fueled)	-	-	6 X 6.5 = 39	-	86.2 (2055/56)		7.5 (4 Units)& 8.144 (2 Units)	11	8/750	33	Duhabi-2 Ckt
Hetauda Diesel	1963	Thermal (Diesel Fueled)	-	-	4 X 2.5+3 X 1.47	-	24.2 (2055/56)		3.125 & 1.8625	11	0	11	Hetauda-1 Ckt