

Monthly Statistics of China Power Industry (Jan-October 2020)

		Jan		Jan to Oct	
			Year-on-Year Change (±, %)		Year-on-Year Change 2019 (±, %, pp)
Electricity Generation	TWh	609.5	4.6	6028.8	1.4
---- Hydro	TWh	134.9	25.4	1044.4	4.2
---- Thermal	TWh	399.1	-1.5	4233.3	-0.4
---- Nuclear	TWh	28.7	-0.3	298.7	5.7
---- Wind	TWh	40.9	21.8	373.9	15.0
Electricity Consumption	TWh	617.2	6.6	6030.6	1.8
---- Primary Industry	TWh	7.3	10.9	71.0	9.7
---- Secondary Industry	TWh	431.5	7.7	4034.0	1.2
Including: Industrial	TWh	423.9	7.6	3960.4	1.2
---- Tertiary Industry	TWh	98.4	3.9	995.8	0.2
---- Residential	TWh	80.0	4.0	929.8	5.9
Generating Capacity of Power Plants over 6000kW	GW			1981.97	6.1

---- Hydro	GW		320.46	3.8
---- Thermal	GW		1220.68	4.0
---- Nuclear	GW		49.89	2.4
---- Wind	GW		229.75	15.3
Average Coal Consumption of Power Supply	g/kWh		306.2	-3.6
Line loss	%		4.96	-0.3
Heat Supply	TJ		3700440	4.8
Coal Consumption for Heat Supply	Million Tons		212.31	4.6
Electricity Supply	TWh		5281.7	1.6
Electricity Sales	TWh		5019.9	1.9
Power Equipment Average Utilization Hour	Hour		1405	-93
---- Hydro	Hour		3064	80
---- Thermal	Hour		3324	-137
---- Nuclear	Hour		3358	59
---- Wind	Hour		6099	39
Auxiliary Power Ratio	%		1727	-0.1
---- Hydro	%		4.6	-0.02
---- Thermal	%		0.2	0.03

Power Generation Projects Investment	Billion RMB			347.1	47.1
---- Hydro	Billion RMB			71.2	10.9
---- Thermal	Billion RMB			37.7	-25.4
---- Nuclear	Billion RMB			25.9	-0.4
---- Wind	Billion RMB			183.5	126.7
Power Grid Projects Investment	Billion RMB			337.1	-1.3
Newly Installed Generation Capacity	GW			85.4	14.22
---- Hydro	GW			8.89	5.98
---- Thermal	GW			34.96	2.59
---- Nuclear	GW			1.12	-2.97
---- Wind	GW			18.29	3.63
Newly Installed Substation Equipment Capacity of 220kV and Above	GVA			171.95	-9.03
Newly Added Transmission Line Length of 220kV and Above	km			25952	358

Source: NEA, NBS