

Monthly Statistics of China Power Sector (Jan-July 2022)

Indicator	Unit	Jul		Jan - Jul			
			YoY %		YoY		
					%	(±)	P.P.
Electricity Generation	TWh	805.9	4.5	4,772.6	1.4		
-- Hydro	TWh	146.3	2.4	728.8	16.3		
-- Thermal	TWh	556.0	5.3	3,285.4	-2.5		
-- Nuclear	TWh	37.0	-3.3	236.0	1.1		
Total Electricity Consumption	TWh	832.4	6.3	4,930.3	3.4		
-- Primary Industry	TWh	12.2	14.3	63.4	11.1		
-- Secondary Industry	TWh	513.2	-0.1	3,255.2	1.1		
Including: Industrial	TWh	503.2	-0.1	3,198.7	1.2		
-- Tertiary Industry	TWh	159.1	11.5	853.1	4.6		
-- Residential	TWh	148.0	26.8	758.6	12.5		
Installed Generation Capacity (Year To Date)	GW			2,455.17	8.0		
-- Hydro	GW			401.54	5.3		
-- Thermal	GW			1,309.37	2.8		
-- Nuclear	GW			55.53	4.3		
-- Wind	GW			343.70	17.2		
-- Solar	GW			343.51	26.7		
Average Coal Consumption of Power Supply	g/kWh			301.4		-1.6	
Line Loss	%			4.63			-0.21
Heat Supply	TJ			3,187,400	-2.9		
Coal Consumption for Heat Supply	Mt			187.48	-2.5		
Electricity Supply	TWh			4,267.0	4.5		
Electricity Sales	TWh			4,069.3	4.7		
Power Equipment Average Utilization Hours	Hours			2,132		-84	
-- Hydro	Hours			2,100		168	
-- Thermal	Hours			2,476		-118	
-- Nuclear	Hours			4,340		-192	
-- Wind	Hours			1,304		-68	
-- Solar	Hours			822		43	
Auxiliary Power Rate	%			4.4			-0.1
-- Hydro	%			0.2			-0.1
-- Thermal	%			5.7			-0.1
Power Generation Projects Investment	Billion CNY			260.0	16.8		
-- Hydro	Billion CNY			41.6	-22.6		
-- Thermal	Billion CNY			40.5	70.2		
-- Nuclear	Billion CNY			29.1	8.9		
-- Wind	Billion CNY			68.4	-31.0		
-- Solar	Billion CNY			77.3	304.0		
Power Grid Projects Investment	Billion CNY			223.9	10.4		
Newly Installed Generation Capacity	GW			84.43		16.18	
-- Hydro	GW			10.67		-1.06	
-- Thermal	GW			18.35		-4.11	
-- Nuclear	GW			2.28		-1.12	
-- Wind	GW			14.93		2.36	
-- Solar	GW			37.73		19.79	
Newly Added Substation Equipment Capacity (AC220 kV and above)	GVA			148.91		0.92	
Newly Added Transmission Line Length (>220 kV)	KM			18,136		-3,087	