

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

Indicator	Unit	Aug		Jan - Aug			
			YoY %		YoY		
					%	(±)	P.P.
<b>Electricity Generation</b>	TWh	824.8	9.9	5,597.5	2.5		
-- Hydro	TWh	122.6	-11.0	851.7	11.4		
-- Thermal	TWh	598.9	14.8	3,882.7	-0.2		
-- Nuclear	TWh	36.3	-0.6	272.3	0.9		
<b>Total Electricity Consumption</b>	TWh	852.0	10.7	5,783.9	4.4		
-- Primary Industry	TWh	13.2	14.5	76.7	11.0		
-- Secondary Industry	TWh	510.7	3.6	3,767.4	1.4		
Including: Industrial	TWh	500.7	3.7	3,700.9	1.4		
-- Tertiary Industry	TWh	161.2	15.0	1,014.3	6.1		
-- Residential	TWh	166.9	33.5	925.5	15.8		
<b>Installed Generation Capacity (Year To Date)</b>	GW			2,466.31	8.0		
-- Hydro	GW			403.07	5.5		
-- Thermal	GW			1,311.53	2.7		
-- Nuclear	GW			55.53	4.3		
-- Wind	GW			344.50	16.6		
-- Solar	GW			349.90	27.2		
<b>Average Coal Consumption of Power Supply</b>	g/kWh			302.7		-1.5	
<b>Line Loss</b>	%			4.78			0.06
<b>Heat Supply</b>	TJ			3,483,950	-1.9		
<b>Coal Consumption for Heat Supply</b>	Mt			202.47	-1.7		
<b>Electricity Supply</b>	TWh			5,012.7	4.6		
<b>Electricity Sales</b>	TWh			4,773.2	4.6		
<b>Power Equipment Average Utilization Hours</b>	Hours			2,499		-67	
-- Hydro	Hours			2,453		93	
-- Thermal	Hours			2,930		-64	
-- Nuclear	Hours			4,995		-224	
-- Wind	Hours			1,460		-40	
-- Solar	Hours			946		50	
<b>Auxiliary Power Rate</b>	%			4.5			-0.04
-- Hydro	%			0.2			-0.08
-- Thermal	%			5.8			0.05
<b>Power Generation Projects Investment</b>	Billion CNY			320.9	18.7		
-- Hydro	Billion CNY			47.4	-23.9		
-- Thermal	Billion CNY			48.0	60.1		
-- Nuclear	Billion CNY			33.3	9.1		
-- Wind	Billion CNY			82.8	-32.9		
-- Solar	Billion CNY			102.5	323.8		
<b>Power Grid Projects Investment</b>	Billion CNY			266.7	10.7		
<b>Newly Installed Generation Capacity</b>	GW			96.32		14.36	
-- Hydro	GW			13.06		0.33	
-- Thermal	GW			19.83		-9.11	
-- Nuclear	GW			2.28		-1.12	
-- Wind	GW			16.14		1.50	
-- Solar	GW			44.47		22.41	
<b>Newly Added Substation Equipment Capacity (AC220 kV and above)</b>	GVA			160.49		4.50	
<b>Newly Added Transmission Line Length (&gt;220 kV)</b>	KM			18,601		-3,853	