

## Monthly Statistics of China Power Sector (Jan-Sep 2021 )

Indicator	Unit		Sep	YOY %	Jan-Sep		
			YOY		YOY		
			%		±	P.P.	
Electricity Generation	TWh	675.1	4.9	6,072.1	10.7		
-- Hydro	TWh	140.9	-0.3	903.0	-0.9		
-- Thermal	TWh	452.1	5.7	4,327.3	11.9		
-- Nuclear	TWh	33.2	4.3	303.1	12.3		
Total Electricity Consumption	TWh	694.7	6.8	6,165.1	12.9		
-- Primary Industry	TWh	9.7	14.9	75.8	18.9		
-- Secondary Industry	TWh	445.1	6.0	4,098.0	12.3		
Including: Industrial	TWh	436.1	6.0	4,021.3	12.2		
-- Tertiary Industry	TWh	129.2	12.1	1,082.6	20.7		
-- Residential	TWh	110.7	3.7	908.8	7.0		
Installed Generation Capacity (Year To Date)	GW			2,294.83	9.4		
-- Hydro	GW			383.53	5.0		
-- Thermal	GW			1,281.83	3.9		
-- Nuclear	GW			53.26	6.8		
-- Wind	GW			297.27	32.8		
-- Solar	GW			278.35	24.6		
Average Coal Consumption of Power Supply	g/kWh			304.7		-0.9	
Line Loss	%			4.6		-0.2	
Heat Supply	TJ			4,076,750	15.3		
Coal Consumption for Heat Supply	Mt			216.48	7.6		
Electricity Supply	TWh			541.77	13.5		
Electricity Sales	TWh			516.69	13.8		
Power Equipment Average Utilization Hours	Hours			2,880		113	
-- Hydro	Hours			2,794		-100	
-- Thermal	Hours			3,339		280	
-- Nuclear	Hours			5,824		321	
-- Wind	Hours			1,640		91	
-- Solar	Hours			1,006		-4	
Auxiliary Power Rate	%			4.5		-0.2	
-- Hydro	%			0.3		0.003	
-- Thermal	%			5.8		-0.1	
Power Generation Projects Investment	Billion CNY			313.8	1.8		
-- Hydro	Billion CNY			70.1	5.3		
-- Thermal	Billion CNY			37.1	12.3		
-- Nuclear	Billion CNY			35.6	51.6		
-- Wind	Billion CNY			141.6	-12.6		
-- Solar	Billion CNY			29.3	27.3		
Power Grid Projects Investment	Billion CNY			289.1	-0.3		
Newly Installed Generation Capacity	GW			92.40		20.16	
-- Hydro	GW			14.36		6.09	
-- Thermal	GW			32.46		0.63	
-- Nuclear	GW			3.40		2.28	

-- Wind	GW		16.43	3.36
--Solar	GW		25.56	7.85
Newly Added Substation Equipment Capacity (AC 220 kV and above)	GVA		172.82	10.80
Newly Added Transmission Line Length (>220 kV)	km		23,744	-1,706

Source: NEA, NBS