

Monthly Statistics of China Power Sector (Jan-June 2021)

Indicator	Unit	May			Jan-May		
			YOY		YOY		
			%		%	±	P.P.
Electricity Generation	TWh	686.0	7.4	3,871.7	13.7		
-- Hydro	TWh	114.2	-5.6	482.7	1.4		
-- Thermal	TWh	481.3	10.1	2,826.2	15.0		
-- Nuclear	TWh	35.9	12.9	195.1	13.7		
		703.3					
Total Electricity Consumption	TWh		9.8	3,933.9	16.2		
-- Primary Industry	TWh	8.9	16.3	45.1	20.6		
-- Secondary Industry	TWh	483.2	8.5	2,661.0	16.6		
Including: Industrial	TWh	474.7	8.5	2,612.7	16.5		
-- Tertiary Industry	TWh	122.6	17.5	671.0	25.8		
-- Residential	TWh	88.7	6.8	556.8	4.5		
Installed Generation Capacity (Year To Date)	GW			2,256.60	9.5		
-- Hydro	GW			377.85	4.7		
-- Thermal	GW			1,266.58	4.1		
-- Nuclear	GW			52.16	6.9		
-- Wind	GW			291.92	34.4		
--Solar	GW			267.61	23.7		
Average Coal Consumption of Power Supply	g/kWh			301.4		-0.8	
Line Loss	%			4.4			-0.2
Heat Supply	TJ			2,974,620	6.6		
Coal Consumption for Heat Supply	Mt			178.60	9.1		
Electricity Supply	TWh			341.55	17.7		
Electricity Sales	TWh			326.61	17.9		
Power Equipment Average Utilization Hours	Hours			1,853		119	
-- Hydro	Hours			1,496		-33	
-- Thermal	Hours			2,186		231	
-- Nuclear	Hours			3,805		286	
-- Wind	Hours			1,212		88	
--Solar	Hours			660		-3	
Auxiliary Power Rate	%			4.5			-0.1
-- Hydro	%			0.3			0.01
-- Thermal	%			5.7			-0.1
Power Generation Projects Investment	Billion CNY			189.3	8.9		
-- Hydro	Billion CNY			47.5	19.1		
-- Thermal	Billion CNY			20.2	10.3		
-- Nuclear	Billion CNY			22.6	44.3		
-- Wind	Billion CNY			82.6	-3.2		
--Solar	Billion CNY			16.5	12.2		
Power Grid Projects Investment	Billion CNY			173.4	4.7		
Newly Installed Generation Capacity	GW			51.87		14.92	
-- Hydro	GW			8.12		4.00	
-- Thermal	GW			17.57		1.25	
-- Nuclear	GW			2.27		2.27	

-- Wind	GW			10.84		4.52	
--Solar	GW			13.01		2.86	
Newly Added Substation Equipment Capacity (AC 220 kV and above)	GVA			137.33		28.39	
Newly Added Transmission Line Length (>220 kV)	km			19,882		5,317	

Source: NEA, NBS