

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

Indicator	Unit		Mar	YOY %	Jan-Mar		
					YOY		
			%		±	P.P.	
Electricity Generation	TWh	657.9	17.4	1,905.1	19.0		
-- Hydro	TWh	67.0	-11.5	195.9	0.5		
-- Thermal	TWh	495.3	25.7	1,437.9	21.1		
-- Nuclear	TWh	34.2	11.7	92.6	18.8		
Total Electricity Consumption	TWh	663.1	19.4	1,921.9	21.2		
-- Primary Industry	TWh	6.8	26.5	21.0	26.4		
-- Secondary Industry	TWh	461.5	21.2	1,262.5	24.1		
Including: Industrial	TWh	454.7	20.8	1,238.8	23.9		
-- Tertiary Industry	TWh	101.8	42.9	333.1	28.2		
-- Residential	TWh	93.0	-5.3	305.3	4.7		
Installed Generation Capacity (Year To Date)	GW			2,228.50	9.4		
-- Hydro	GW			371.32	3.7		
-- Thermal	GW			1,260.00	4.2		
-- Nuclear	GW			51.04	4.7		
-- Wind	GW			286.61	34.9		
-- Solar	GW			259.13	24.0		
Average Coal Consumption of Power Supply	g/kWh			294.4		0.5	
Line Loss	%			3.88		0.7	
Heat Supply	TJ			2,139,730	10.8		
Coal Consumption for Heat Supply	Mt			129.27	9.8		
Electricity Supply	TWh			1,651.7	23.4		
Electricity Sales	TWh			1,587.5	22.5		
Power Equipment Average Utilization Hours	Hours			915		97	
-- Hydro	Hours			600		-21	
-- Thermal	Hours			1,116		165	
-- Nuclear	Hours			1,817		218	
-- Wind	Hours			619		69	
-- Solar	Hours			300		10	
Auxiliary Power Rate	%			4.5		-0.2	
-- Hydro	%			0.3		0.01	
-- Thermal	%			5.5		-0.2	
Power Generation Projects Investment	Billion CNY			79.5	31.3		
-- Hydro	Billion CNY			24.5	76.1		
-- Thermal	Billion CNY			8.0	26.6		
-- Nuclear	Billion CNY			7.7	18.5		
-- Wind	Billion CNY			32.5	14.5		
-- Solar	Billion CNY			6.7	25.4		
Power Grid Projects Investment	Billion CNY			54.0	48.0		
Newly Installed Generation Capacity	GW			23.51		9.96	
-- Hydro	GW			1.09		0.39	
-- Thermal	GW			10.6		3.58	
-- Nuclear	GW			1.15		1.15	

-- Wind	GW		5.26	2.90	
--Solar	GW		5.33	1.91	
Newly Added Substation Equipment Capacity (AC 220 kV and above)	GVA		57.66	1,351	
Newly Added Transmission Line Length (>220 kV)	km		8,717	4,863	

Source: NEA, NBS