

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

Indicator	Unit	Apr			Jan-Apr		
			YOY %		YOY		
					%	±	P.P.
Electricity Generation	TWh	623.0	11.0	2,527.6	16.8		
-- Hydro	TWh	77.6	3.3	272.7	1.1		
-- Thermal	TWh	451.7	12.5	1,890.1	18.9		
-- Nuclear	TWh	32.4	5.2	125.0	14.9		
Total Electricity Consumption	TWh	636.1	13.2	2,558.1	19.1		
-- Primary Industry	TWh	72.0	16.4	28.3	23.8		
-- Secondary Industry	TWh	445.1	12.3	1,707.4	20.7		
Including: Industrial	TWh	437.1	12.1	1,675.7	20.5		
-- Tertiary Industry	TWh	104.6	31.3	437.9	29.0		
-- Residential	TWh	79.2	-0.9	384.5	3.8		
Installed Generation Capacity （Year To Date）	GW			2,234.83	9.5		
-- Hydro	GW			373.30	4.2		
-- Thermal	GW			1,261.61	4.2		
-- Nuclear	GW			51.04	4.7		
-- Wind	GW			287.44	34.6		
--Solar	GW			260.97	24.3		
Average Coal Consumption of Power Supply	g/kWh			297.1		0.3	
Line Loss	%			3.75			0.5
Heat Supply	TJ			2,485,000	7.8		
Coal Consumption for Heat Supply	Mt			150.77	8.4		
Electricity Supply	TWh			2,206.9	21.2		
Electricity Sales	TWh			2,124.2	20.5		
Power Equipment Average Utilization Hours	Hours			1,214		107	
-- Hydro	Hours			843		-22	
-- Thermal	Hours			1,465		193	
-- Nuclear	Hours			2,450		220	
-- Wind	Hours			823		76	
--Solar	Hours			409		-12	
Auxiliary Power Rate	%			4.5			-0.2
-- Hydro	%			0.3			0.00
-- Thermal	%			5.6			-0.2
Power Generation Projects Investment	Billion CNY			111.6	23.8		
-- Hydro	Billion CNY			30.4	40.3		
-- Thermal	Billion CNY			11.5	15.9		
-- Nuclear	Billion CNY			13.3	66.7		
-- Wind	Billion CNY			46.8	8.0		
--Solar	Billion CNY			9.5	31.9		
Power Grid Projects Investment	Billion CNY			85.2	27.2		
Newly Installed Generation Capacity	GW			29.72		9.63	
-- Hydro	GW			1.52		0.38	
-- Thermal	GW			13.28		2.50	
-- Nuclear	GW			1.15		1.15	

-- Wind	GW			6.60		3.05
--Solar	GW			7.08		2.53
Newly Added Substation Equipment Capacity (AC 220 kV and above)	GVA			70.84		21.46
Newly Added Transmission Line Length (>220 kV)	km			9,867		5,169

Source: NEA, NBS