

TECHNICAL GLOSSARY AND DEFINITIONS

“auxiliary power”	electricity consumed by a power plant in the course of generation.
“average utilization hours”	for a specified period, the amount of electricity produced in such period (in MWh) divided by the average capacity in such period.
“Changshu Power Plant”	江蘇常熟發電有限公司 (Jiangsu Changshu Electric Power Generating Company Limited*).
“CPDL”	China Power Development Limited (中國電力發展有限公司*).
“CPI Group”	中國電力投資集團公司 (China Power Investment Corporation*).
“CPI Holding”	中國電力國際有限公司 (China Power International Holding Limited).
“equivalent availability factor”	for a specified period, the ratio (usually expressed as a percentage) of the number of available hours in that period (reduced, in the case of hours in which the attainable generating capacity of such plant is less than the installed capacity, by the proportion of installed capacity not so attainable) to the total number of hours in that period.
“gross generation”	for a specified period, the total amount of electrical power produced by a power plant in that period including auxiliary power.
“Guixi Power Plant”	江西貴溪火力發電廠 (Jiangxi Guixi Coal-Fired Power Plant*).
“GW”	gigawatt. One million kilowatts.
“GWh”	gigawatt-hour. One million kilowatt-hours. GWh is typically used as a measure for the annual energy production of large power plants.
“Hongze Power Plant”	中電洪澤熱電有限公司 (Zhongdian Hongze Thermal Company Limited*).
“Huanggang Dabieshan Power Plant”	黃岡大別山發電有限責任公司 (Huanggang Dabieshan Power Generating Company Limited*).
“installed capacity”	the manufacturers’ rated power output of a generating unit or a power plant, usually denominated in MW.
“kWh”	kilowatt-hour. The standard unit of energy used in the electric power industry. One kilowatt-hour is the amount of energy that would be produced by a generator producing one thousand watts for one hour.

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“MW”	megawatt. One million watts. The installed capacity of power plants is generally expressed in MW.
“MWh”	megawatt-hour. One thousand kWh.
“Pingwei Power Plant”	安徽淮南平圩發電有限責任公司 (Anhui Huainan Pingwei Electric Power Generating Company Limited*).
“Pingwei Power Plant II”	淮南平圩第二發電有限責任公司 (Huainan Pingwei No.2 Electric Power Generating Company Limited*).
“Qinghe Power Plant”	遼寧清河發電有限責任公司 (Liaoning Qinghe Electric Power Generating Company Limited*).
“Shanghai Power”	上海電力股份有限公司 (Shanghai Electric Power Co., Ltd.*).
“Wuhu Shaoda Power Plant”	蕪湖兆達電力開發有限公司 (Wuhu Shaoda Power Development Company Limited*).
“Shaxikou Power Plant”	福建沙溪口水力發電廠 (Fujian Shaxikou Hydro-Power Plant*).
“Shentou I Power Plant”	山西神頭第一發電廠 (Shanxi Shentou No.1 Power Plant*).
“standard coal”	coal with an energy content of 7,000 kilocalories per kilogram.
“super-critical”	a thermodynamic expression describing the state of a substance where there is no clear distinction between the liquid and the gaseous phase. Water reaches this state at a pressure above 22.1 megapascals (MPa).
“total output” or “net generation”	the actual amount of electricity sold by a power plant in a particular period of time, which equals gross generation less auxiliary power and losses incurred during the transmission from the power plant to the power grid.
“Yaomeng Power Plant”	平頂山姚孟發電有限責任公司 (Pingdingshan Yaomeng Power Generating Company Limited*).
“Yaomeng Power Plant II”	平頂山姚孟第二發電有限公司 (Pingdingshan Yaomeng No.2 Power Generating Company Limited*).

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