



# State Power Investment Corporation photovoltaic panel parameter table

How many photovoltaic modules are used in SIPC headquarters building?

The headquarters building of the China State Power Investment Corporation (SIPC) makes full use of photovoltaic (PV) modules for green energy harvesting on the effective area of the building's facade and roof, and the data show that a total of 1858 BIPV modules are used in the building.

How much solar power does SPIC have?

Of this installed power, around 10.28 GW was for solar installations and approximately 11.58 GW for wind farms. At the end of last year, SPIC reached a cumulative clean energy capacity of 98.88 GW, of which 60.49 GW is solar, which makes the company the largest PV asset owner in the world.

How many square meters of photovoltaic panels are used?

Firstly, 5000 square meters of CdTe photovoltaic thin-film glass and 600 square meters of crystalline silicon photovoltaic panels are used on the facade and roof of the pavilion, which allow for both light harvesting and power generation.

Who owns China Power Investment Corporation (CPI) & SNPTC?

In 2015 China Power Investment Corporation (also known as CPI Group) and State Nuclear Power Technology Corporation (abbr. SNPTC) merged. Before the deal, they were both directly owned by and majority controlled by the State-owned Assets Supervision and Administration Commission of the State Council respectively.

How efficient is a photovoltaic system?

In order to adapt to a high proportion of photovoltaic access conditions and reverse power flow to ensure the safe and reliable operation of the distribution network, the photovoltaic system's integrated power generation efficiency reaches higher than 80%.

Can photovoltaic building integration work in China?

Thirdly, a variety of photovoltaic building integration modules are used, with a total solar power generation power of about 400 kWp, making it a benchmark project for photovoltaic building integration in China, as shown in Table 10.

According to the State Power Investment Corporation's 2020 development plan, this year plans to increase the proportion of clean energy to more than 54%. To achieve this goal, SPIC plans to invest in about 300 new projects in 2020, with ...



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