

# Solar power generation cost RMB

How much does solar power cost in China?

In particular, in the economically developed eastern provinces (e.g. Shanghai, Zhejiang, Jiangsu, Guangdong etc.), the PV electricity (mainly BIPV) is 0.67-0.86 RMB/kWh. The cost of LSPV stations ranges from 0.45 to 0.75 RMB/kWh, lower than the BIPV system owing to the scale effect and the strong solar radiation.

What is the VAT rate for solar PV electricity generation in China?

One month later, the Ministry of Finance issued the Notice for VAT (Value Added Tax) of solar PV electricity generation which guaranteed a reduced VAT rate of 8.5% for solar PV in China, half of the normal VAT.

What is the feed-in tariff for solar power generation in China?

The feed-in tariff of Hubei should be 1.15 RMB/kWh, but the actual level set by government is 1 RMB/kWh. This level is not sufficient to attract investment and should be increased. In short, compared with the situation in 2013, the current investment environment of solar PV power generation in China has undergone great change.

How much will solar electricity cost in 2020?

Also in 2020, the costs of solar electricity could be reduced by approximately 60% as compared to 2010, but would still be 11-74% higher than the current grid prices. The PV electricity costs vary significantly among provinces. In the economically developed eastern provinces, the PV electricity (mainly BIPV) is 0.67-0.86 RMB/kWh.

How much does a solar PV fit cost in China?

A national solar PV FIT (feed-in-tariff) of 1 RMB/kWh (about US\$0.16/kWh) was implemented in 2011 and adjusted in 2013 to a FIT range between 0.9, 0.95 and 1 RMB/kWh depending on the solar radiation level in different locations in China. The current solar PV FIT will be in effect for 20 years.

How is solar power generation taxed in China?

The tax expenditure of a solar PV power generation project mainly comprises value-added tax and corporate income tax. At present, the Chinese government provides tax incentives (e.g. a half reduction of value-added tax) to the investor in solar PV power generation.

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