

What is the PV power generation subsidy budget?

The PV power generation subsidy budget was scaled back to 1.5 billion CNY in 2020, with one-third earmarked to bolster the development of household PV. The feed-in tariff for LSPV and industrial and commercial DPSV was determined through market competition, not exceeding the market guide price.

Are subsidies causing overcapacity problems in photovoltaic supply chains?

In the past decade, subsidy policies aimed at demand-side of photovoltaic (PV) supply chains have created a dilemma. While they foster the growth of the PV industry, they also induce overcapacity problems to the society. As a result, many governments have cut back subsidies to PV system users.

Can commercial PV system investors get a subsidy in China?

Tighten measures are inevitable. In the background of PV subsidies reduction globally, commercial PV system investors can only obtain 0.2--0.6 CNY/W (about 5,755--17,266 USD/unit) subsidy from local government in China, according to subsidy policies for commercial PV systems in China provinces and cities in 2019 (GoodWe Solar Academy 2019 ).

What is the subsidy reduction range for commercial PV power plants?

The subsidy reduction range of latter two stages exceeds 40 percentage, highlighting the accelerated rate of subsidy reduction for the commercial power plants. In light of commercial PV power plants, we simulate four scenarios for the SEPAP program subsidy strategies.

How does the US government subsidize the PV industry?

The US government uses an investment tax credit (ITC) program to subsidize the PV industry with a 26% tax reduction for investing in equipment costs in 2020 (Pickerel 2015 ). Given the encouragement of government subsidy policies, the PV industry has experienced strong growth in recent decades.

What policies are being introduced in the solar energy industry?

A set of supportive policies have been introduced including the Feed-in Tariff Scheme, Photovoltaic Poverty Alleviation Project, and other demonstration projects. Later regulation, de-subsidization, and solar power consumption became the hot spot.

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