

2010 Deep Research Report on China PV Power Station

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Summary:

China has become the largest Solar Cell Module producer in the world since 2008, and this figure includes the output of Taiwan, which accounted for 40% in the worldwide. Due to the short demand of photovoltaic products in the home markets, almost less than 1%, the Solar Cell Module in china are almost exported. However, this situation has changed since 2009. The construction photovoltaic subsidy policy, issued in March, 2009, was once considered optimistic in the photovoltaic industry. Although there was no great demand in the actual implementation, this indeed showed that Chinese photovoltaic market had come out. The following "Golden Sun" policy, issued in July, 2009, brought about a real demand of 640MW. Meanwhile, many project subsidies will have been allocated to the project owner before the December 31st, 2009. This phenomenon suggests that it is a government-supported industry and appropriate measures can be taken efficiently. However, the most concerned on-grid price policy has still not been issued in the end of 2009. QY research estimated that it would be promulgated in 2010. If the previous policies, such as building photovoltaic and golden sun, were a prelude, then the on-grid price policy would be the basis for explosive photovoltaic demands. Up to the end of 2009, an intention agreement for solar power plant project of more than 13GW has been signed; meanwhile, the first phase project of more than 1 GW has commenced. These are the arrival signs of on-grid price policy. According to the estimates from QY research and strategies from the senior government officials, QY research is optimistic about this policy; furthermore, it is estimated that the accumulated installation capacity of China PV industry will reach 20 GW by 2020, and this prediction is just the same with the energy bureau. Unlike Europe and the United States, where the photovoltaic products are mainly used in the household and construction industry, China will make the ground photovoltaic station as the backbone in the development of PV industry. Therefore, the great photovoltaic demands in China might drive the global PV industry into a new stage in the PV recession period.

"Deep industry research report on China PV power station in 2010", is a professional and comprehensive report in the field of China photovoltaic power plants. In the report, information on

the solar energy resource is first introduced, then followed by the various links of photovoltaic industry chains, and then the design and construction of photovoltaic power plants and other relevant information. The main photovoltaic subsidy policy, including national policies, some key provincial and municipal policies and other relevant photovoltaic projects: the building photovoltaic projects, Golden Sun projects and other big intention project on the on-grid price policy, is described in detail. It also covers the large-scale grid projects of more than 10 MW and relevant statistics on installation capacity of different types of owners, such as roof, Golden Sun, ground, on-grid, off-grid, lamps, energy-saving, China Guangdong Nuclear Power Plants, crystalline silicon, thin film and so on. Meanwhile, the prediction on the installation capacity between 2010 and 2014 is made; and newly installed capacity and accumulated capacity between 2010 and 2020 is also listed. Finally, detailed and comprehensive investment analysis on grid power station of 100KW BIPV and the 10MW ground PV are described, respectively. Generally speaking, it is a professional and comprehensive deep research report on the PV power stations in China. Therefore, it will be a suitable reference for investment enterprises and solar energy industry chain-related enterprises in the decision-making or marketing analysis. During its preparation, it has gained large supports from engineers, technicians and senior experts in PV power plants, installation companies, inverter companies, relevant government agencies and various areas of PV industry. Here, we want to express our great gratitude..

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