

5GW Solar Photovoltaic Cell and Module Production Project

I. The background of the project

i. Market analysis: in 2019, the global new installed photovoltaic capacity is 120GW; among them, the newly installed capacity in China is 30GW. By the end of 2019, the total installed capacity of solar photovoltaic in the world has reached 578.53GW, with a year-on-year growth rate of more than 20%; among them, the domestic cumulative installed capacity is more than 205GW, with a year-on-year growth of 17%. There is a broad market prospect for the project.

ii. The advantages of Xining

Industrial advantages: the silicon material photovoltaic industry in Dongchuan Industrial Park has formed a relatively complete industrial chain. At present, the production capacity of 700 MW photovoltaic cells and 900 MW PV modules has been achieved. The implementation of the project can support the capacity expansion demand of polysilicon and monocrystalline silicon in Ganhe Industrial Park, and further improve the capacity of the intermediate link of the photovoltaic industry chain.

Location advantages: Dongchuan Industrial Park is located in the east of Xining City, and it is the east gate connecting Haidong and Xining. It is 4km away from the railway station and freight station, 15km away from Xining Airport, and 8km away from the city center. The road network in the area is vertical and horizontal, and the transportation is convenient. The location advantage is obvious.

II. The supply of raw material

The raw materials of the project are mainly silicon materials and silicon wafers, which can be supplied in Xining (National) Economic and Technological Development Zone.

III. Content and Scale of Project Construction

The construction of production lines and ancillary facilities for solar

photovoltaic cells and modules with annual output of 5GW.

IV. Construction conditions

The planning area of Dongchuan Industrial Park is 12.79 square kilometers, with convenient transportation and obvious location advantages. The infrastructure in the park is well established. It can fully meet the production and living needs of investors.

V. The progress of the project

The project is inviting investment.

VI. Investment estimate and economic benefit

The total investment of the project is 800 million yuan, and the expected output value is 7 billion yuan. The project cooperation adopts investment cooperation, joint venture, cooperative development and other ways.

VII. Preferential policies

The project enjoys preferential policies of the Western Development Program, investment preferential policies of Xining Economic and Technological Development Zone and related preferential policies of provincial government on strengthening investment promotion.

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