

The Monocrystalline Silicon Production Project with Annual Capacity of 8000 Tons

I. Background of the project

i. Market analysis

With the continuous development of photovoltaic market, high efficiency batteries will gradually occupy the dominant position in the market. According to the prediction of China Photovoltaic Industry Association, the market share of monocrystalline silicon will gradually increase in the future. The market share of monocrystalline silicon has exceeded 40% in 2018 and half in 2019. Therefore, the domestic monocrystalline silicon market has a huge development prospect.

ii. Advantages of Xining

Industrial advantages: at present, the park has formed an annual production capacity of 700 MW photovoltaic cells and 900 MW photovoltaic modules. The implementation of the project can meet the expansion demand of polysilicon and monocrystalline silicon in Ganhe Industrial Park, and further improve the production capacity of the intermediate links of the photovoltaic industry chain.

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

II. Supply of main raw materials

The main raw material of the project is polysilicon, and the required materials can meet the production requirements in terms of raw materials, quality and specifications.

III. Content and scale of project construction

Construction of 8000 tons of monocrystalline silicon production line and ancillary facilities.

IV. Construction conditions

The park has complete infrastructure. There are one 330kV substation and two 110kV substations, with a daily sewage treatment capacity of 305000 tons and an annual gas supply capacity of 600 million cubic meters, which can fully meet the production and living needs of investors.

V. Current project progress

The project is attracting investment.

VI. Investment estimate and economic benefit

The total investment of the project is 300 million yuan, and the annual output value is expected to be about 1.2 billion yuan. The project cooperation adopts investment cooperation, joint venture, cooperative development, etc.

VII. Preferential policies

The project enjoys the China's Western Development Preferential Policies, Xining Economic and Technological Development Zone investment preferential policies and the provincial government on strengthening investment related preferential policies.

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