

# **Single crystal silicon slice production project with annual output of 300 million pieces**

## **I. Background of the project**

i. Market analysis: electronic grade single crystal is the most upstream core substrate in the integrated circuit industry. With the continuous development of the photovoltaic market, high efficiency cells 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, and the domestic monocrystalline silicon market will have a huge development prospect.

ii. Advantages of our city

Industrial advantage: a relatively complete industrial chain has been formed in the silicon material photovoltaic industry of Dongchuan Industrial Park. As the only electronic-grade polysilicon manufacturer in China, Huanghe Hydropower New Energy Co., Ltd. provides a good industrial foundation and raw material supply for the development of the project.

Location advantage: Dongchuan Industrial Park of Xining Economic and Technological Development Zone is located in the east of Xining City, which is the east gate of Xining City to connect with Haidong City. It is 4 kilometers away from the railway station and freight station, 15 kilometers away from Xining Airport, and 8 kilometers away from the city center, with convenient transportation and obvious location advantage.

## **II. Supply of major raw materials**

The major raw material is electronic-grade polysilicon. The annual output of electronic-grade crystal drawing of Yellow River Hydropower New Energy in the park is 3,000 tons, which can provide sufficient raw materials for the project.

### **III. Content and scale of project construction**

Construction of an annual output of 300 million single crystal chip production line and ancillary facilities.

### **IV. Construction conditions**

In the park, the basic supporting facilities are perfect. There are one 330 KV substation and two 110 KV substations. The daily sewage treatment capacity is 305,000 tons, the annual gas supply capacity is 600 million cubic meters, fully able to meet the needs of investors in production and living.

### **V. Progress of the project at the present stage**

The project is attracting investment.

### **VI. Investment estimate and economic benefit**

The total investment of the project is 400 million yuan, and the estimated output value is 900 million yuan. The project cooperation will take various forms such as investment cooperation, joint venture and cooperative development.

### **VII. Preferential Policies**

The project enjoys the preferential policies for the development of the western region, the preferential policies for attracting investment of Xining economic and technological development zone and the preferential policies of provincial government on strengthening the work of attracting investment.

Contacts: Zhang Ping, Management Committee of Dongchuan Industrial Park of Xining (National Level) Economic and Technological Development Zone

Tel:+86-971-8817555

Email: 170434775@qq.com