SUNTECH

Case Study
Agadyr Solar Park

PROJECT OVERVIEW

Location: Agadyr, Karaganda Region, Kazakhstan
Completed: July 2019
Owners: Goldbeck Solar GmbH
Project Designer and Developer: Goldbeck Solar GmbH
System Size: 50 MW
Number of Panels: 151 734
Product: STP 330-24/Vfw
Energy Saved: 450000000KWh annually

BENEFITS

- Suntech's high-power solar modules provide up to 50 megawatts of peak capacity for Agadyr Solar Park, equivalent to the energy consumption by 20000 households.
- It is reported that all the solar modules in the Solar Park have performed excellently in circuit optimization and internal loss reduction.

"As a leading brand in renewable energy, Suntech was chosen by Goldbeck Solar GmbH, both industry leaders in their fields. Guided by the "customer-centric" management philosophy, Suntech has adopted the refined management to better serve its customers. "

S ech e e Ka akh a PV a ke i h i jec

The Agadyr project is Suntech's first project in Kazakhstan. Recently, it has been successfully connected to the grid and formally put into operation. As the first major project for Suntech to access to the market of Kazakhstan, this project has adopted 151,734 pieces 330w efficient polycrystalline modules, with its aggregate capacity reaching up to 50MW.

Kazakhstan is a key hub in the layout of China's Belt and Road Initiative, and energy communication has become a field of great prospect targeted by the economic and trade departments and enterprises of both countries.

Agadyr solar power station is sited in Karaganda, Kazakhstan, a location featuring flat terrain, arid climate, and excellent light conditions, with direct solar radiation duration of about 2,600 hours per year. However, the rainfall and humidity in this area are not stable and temperature variation in a year reaches up to about 80°C, which impose great challenges on the operation and maintenance of the power station.

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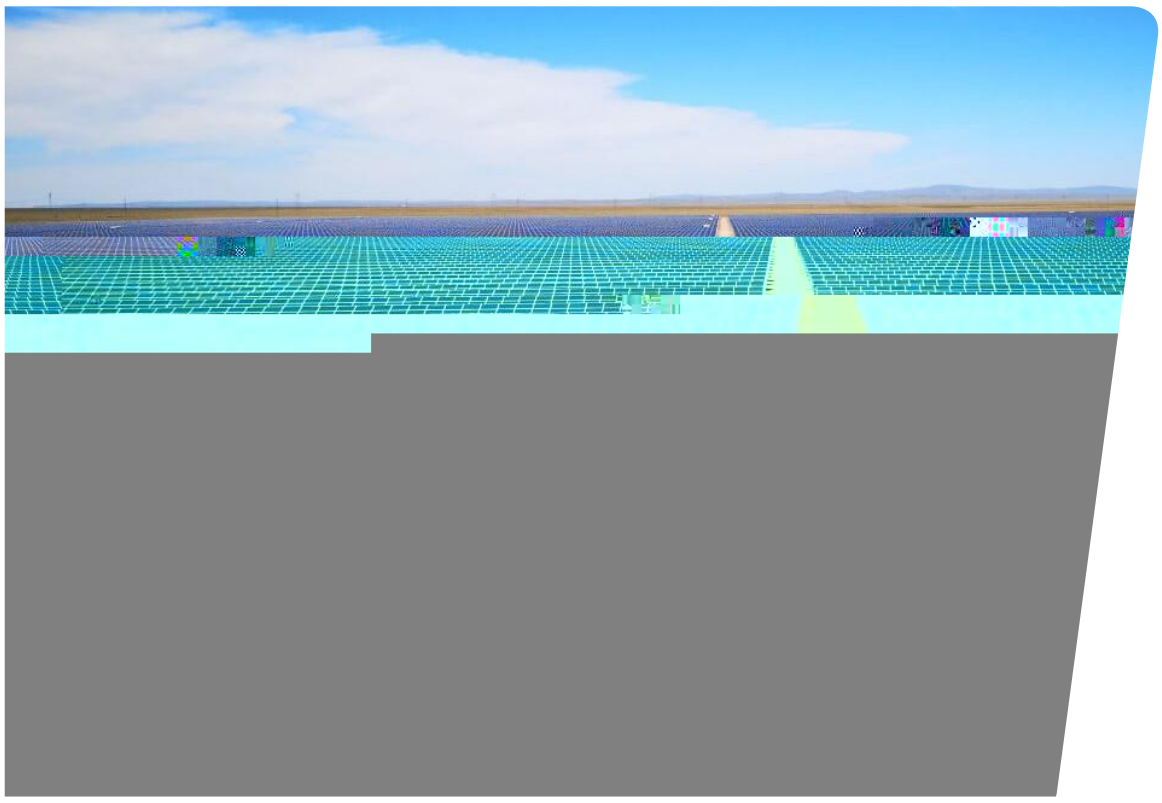

industrial production.