

JinkoSolar Signs Supply Agreement for SunTera Liquid-Cooled Energy Storage System with Powerchina Jiangxi Electric Power Engineering Co., Ltd.

Recently, JinkoSolar, one of the largest and most innovative solar panel manufacturers in the world, has signed a supply agreement with Powerchina Jiangxi Electric Power Engineering Co., Ltd. to provide 5MW of SunTera N-type bifacial modules and a 6.88MWh SunTera liquid-cooled energy storage system for the Saudi Aramco East-West Pipeline Pump Station Community Project.

The project aims to build a new residential community for the Saudi Aramco pipeline pump stations and pressure reducing stations, replacing existing communities located in hazardous areas. Once completed, the community will accommodate 1,748 Saudi Aramco employees and contractors working at the pump stations, with Powerchina Jiangxi Electric Power Engineering acting as the project's EPC general contractor.

In addition, the project also includes JinkoSolar's new-generation large-scale SunTera liquid-cooled energy storage system. The system, housed in standard 20-foot containers, features non-circulating flow channels, ensuring real-time temperature uniformity.

Equipped with 5 independent liquid-cooled cooling control modes, the system reduces auxiliary power consumption by 20% and increases service life by 10%. It stands out with its features of high efficiency liquid cooling, utmost safety, optimal cost, intelligent operation and can endure ambient temperature up to 50°C. Meeting the temperature requirements of Saudi Arabia and suitable for various energy storage projects in different scenarios. The system can be perfectly paired with AC/DC controllers, PCS energy storage inverters, and other relevant micro-grid system equipment, ensuring seamless coverage of off-grid applications in photovoltaic energy-storage-diesel hybrid systems.

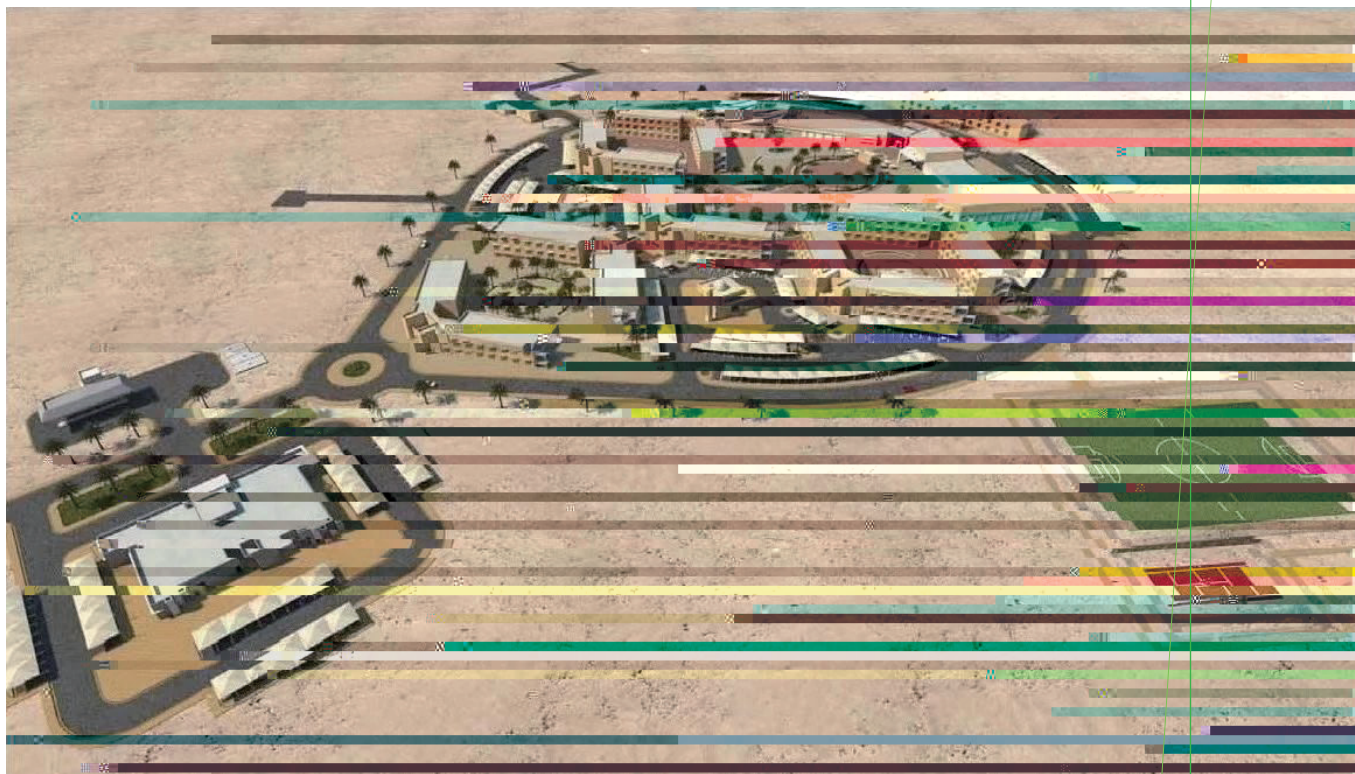


Figure 1: Project Photos

