

Jinko Solar Supply Agreement for SunTera Liquid-Cooled Energy Storage System by Powerchina Jiangxi Electric Power Engineering

Recent years, JinkoSolar, the largest and most innovative solar manufacturers in the world, has signed a supply agreement with Powerchina Jiangxi Electric Power Engineering Co., Ltd. to provide 5MW of SunTera liquid-cooled energy storage system for the Saudi Arabia Pump Station Community Project.

The project is a residential community for the pump stations and pressure stations of existing communities. Once completed, the community will accommodate 748 Saudi Aramco employees working at the pump stations. Powerchina Jiangxi Electric Power Engineering Co., Ltd. is the general contractor.

In addition, the project also incorporates JinkoSolar's new-generation large-scale SunTera liquid-cooled energy storage system. The system, housed in standard 20-foot containers, features non-uniform flow channels, ensuring real-time temperature differences within 5°C. Combined with intelligent 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, and intelligent operation and can endure ambient temperature up to 50°C. The system meets the temperature requirements of Saudi Arabia and is adaptable for various energy storage projects in different scenarios. The system can be perfectly paired with DC/DC controllers, PCS energy storage inverters, and relevant micro-grid system equipment, ensuring seamless coverage of off-grid applications in photovoltaic-energy-storage-diesel hybrid systems.

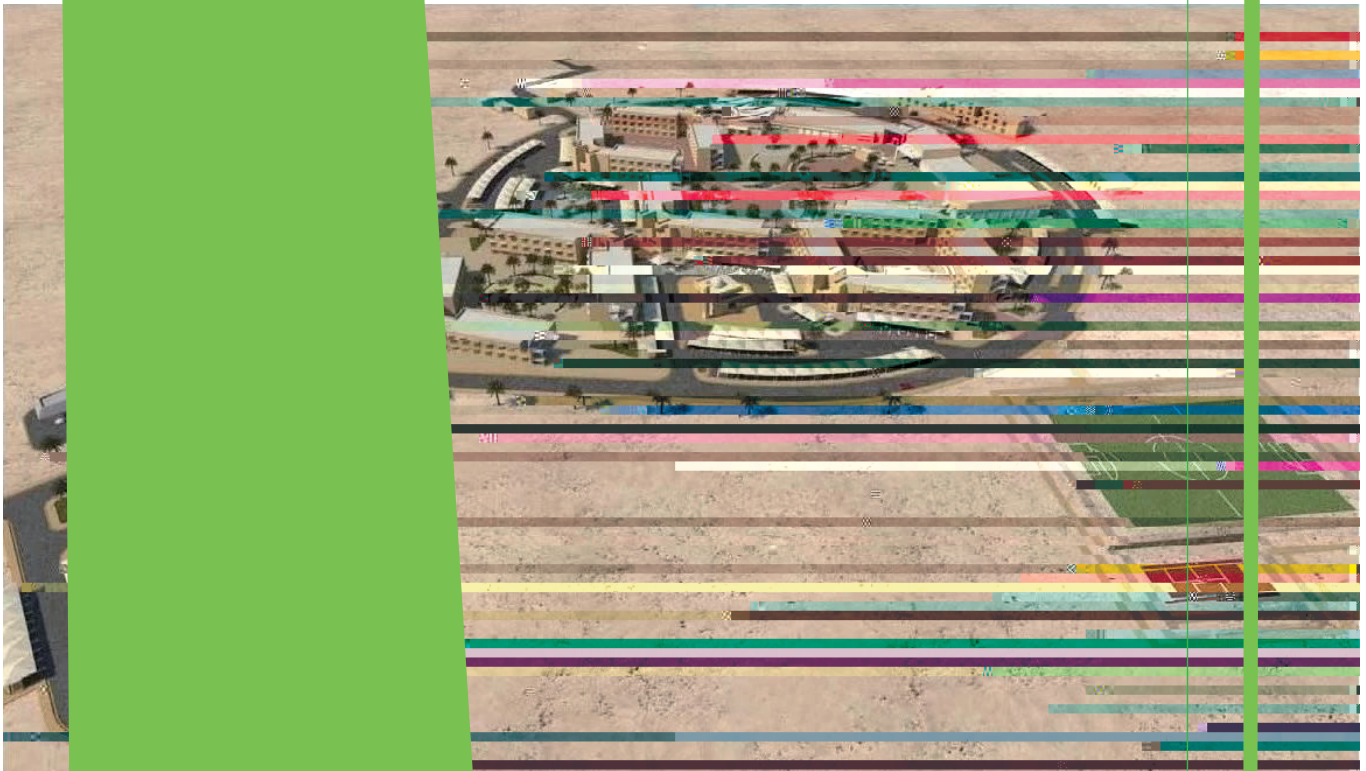


Figure 1: Project Photos

