

7. Thermal energy storage (TES) TES are high-pressure liquid storage tanks used along with a solar thermal system to allow plants to bank several hours of potential electricity. o Two-tank direct system: solar thermal ...

Keywords: solar thermal power plant, direct steam generation, thermal storage. 1 Introduction Solar-thermal power plants are one of the key technologies for the production of electricity ...

Compared to conventional concentrated solar power systems, which use synthetic oils or molten salts as the heat transfer fluid, direct steam generation offers an opportunity to achieve higher ...

Direct solar thermal power generation

