

# How to store solar thermal power generation

Concentrating solar-thermal power (CSP) plants utilize TES to increase flexibility so they can be used as "peaker" plants that supply electricity when demand is high; as "baseload" power plants that provide solar electricity around the ...

Thermal energy storage provides a workable solution to this challenge. In a concentrating solar power (CSP) system, the sun's rays are reflected onto a receiver, which creates heat that is used to generate electricity that can be ...

Concentrating solar-thermal power (CSP) technologies can be used to generate electricity by converting energy from sunlight to power a turbine, but the same basic technologies can also be used to deliver heat to a variety of industrial ...

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