

CONCENTRATED SOLAR THERMAL

Concentrated solar thermal is a technology that converts concentrated sunlight into reliable electricity. It allows heat to be stored very cheaply as hot salt until it is needed.

1 **Heliostats (Mirrors)** track the sun throughout the day, reflecting the sunlight onto the **receiver**.

2 Cold molten salt pumped up the tower to the **receiver**, heated then returned to the **hot tank** until needed.

3 Hot salt pumped to **the boiler** to make high temp **~500°C** high pressure **~100bar** steam.

4 Steam turns **the turbine** to drive **the generator** to make electricity.

