

# 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.

