

SUN TOWN

In two years, an entire town in far north Queensland will be powered by the sun. The \$29 million project in the town of Cloncurry will be the first of its type for the state

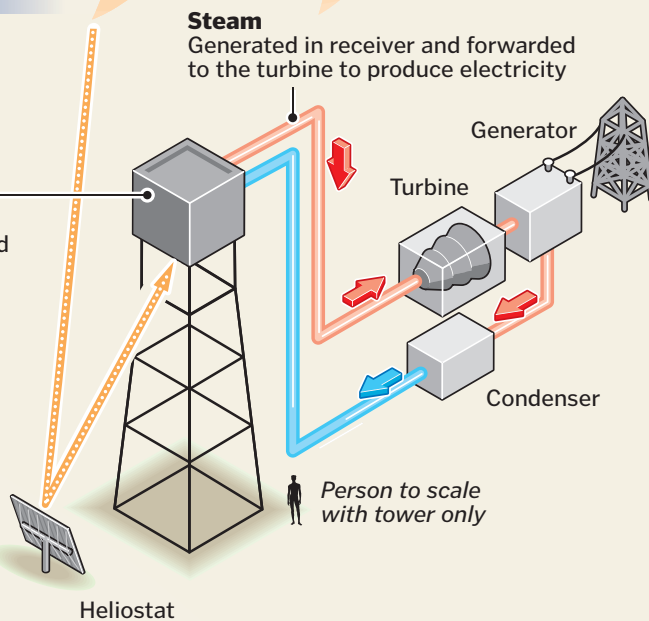
HOW IT WORKS

Solar energy

Collected by tracking heliostats (mirrors) focusing the sun's rays directly into boiler unit

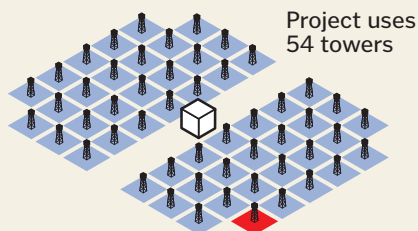
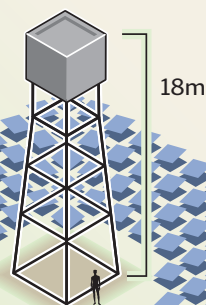
Graphite storage unit

Thermal energy is stored in high-purity graphite inside the unit, which means power can be provided 24 hours a day



THE PROJECT

Around 150 heliostats per tower mounted on computer-controlled pedestals



- Total mirror surface of 60,000 sq m
- Generates 10,000 kilowatts of electricity for eight hours
- Prevents 20,000 tonnes of CO₂ equivalent per year