

Saguaro Solar Facility Power Block

Generator:

The Induction Generator produces 1MW of electric power

Condenser:

Cold water from the cooling tower converts the pentane vapor back to liquid pentane.

Turbine:

Pentane vapor powers the 1MW Organic Rankin Cycle turbine

Heat Exchanger/Evaporator:

Heat from the solar field vaporizes pentane liquid to produce pentane vapor

