

Matching: Solar Power

Directions: Match each term to the correct definition.

Terms

insolation

equator

passive

active

PV cells

solar power plant

high cost

Definitions

type of solar heating system that distributes heat throughout a building

measure of solar radiation striking a given area

the main disadvantage of solar energy

thin wafers of silicon that conduct heat

part of Earth where insolation is highest

use the Sun to heat water and produce steam

type of solar heating system that does not distributes heat

Answers

insolation: measure of solar radiation striking a given area
Insolation is the measure of solar radiation striking a given area.

equator: part of Earth where insolation is highest
Insolation is highest at the equator.

passive: type of solar heating system that does not distribute heat
A passive solar heating system does not distribute heat, it only stores it.

active: type of solar heating system that distributes heat throughout a building
An active solar heating system distributes heat throughout a building.

PV cell: thin wafers of silicon that conduct heat
A PV cell is a thin wafer of silicon that conducts heat.

solar power plant: use the Sun to heat water and produce steam
Solar power plants use the Sun to heat water and produce steam

high cost: the main disadvantage of solar energy
High cost is the main disadvantage of solar energy.