

to (cause to) become more intense, as by removing or reducing the amount of liquid: [no object] The gravy thickened and concentrated in the microwave. [~ + object] Concentrate the gravy by boiling it.

However, PV performance could be enhanced by using cheaper optical devices in the replacement of expensive cell materials that leads to concentrated photovoltaics technology.

Requires less photovoltaic material to capture the same sunlight as non-concentrating pv. Makes the use of high-efficiency but expensive multi-junction cells economically viable due to smaller space ...

It is intended to minimize permitting uncertainty and differing interpretation regarding specific code requirements for solar PV installations.

A concentrated liquid has been increased in strength by having water removed from it. Sweeten dishes sparingly with honey, or concentrated apple or pear juice.

Concentrator photovoltaics (CPV), also called concentrating photovoltaics or concentration photovoltaics, is a photovoltaic technology that generates electricity from sunlight.

The meaning of CONCENTRATED is rich in respect to a particular or essential element : made less dilute or diffuse. How to use concentrated in a sentence.

The primary objective of this Concentrating Solar Power Best Practices Study is to publish best practices and lessons learned from the engineering, construction, commissioning, operations, and ...

CONCENTRATE definition: to bring or draw to a common center or point of union; converge; direct toward one point; focus. See examples of concentrate used in a sentence.

Understanding the limitations, and identifying opportunities for improvements, requires a detailed analysis of the energy conversion processes, the needed components, and the required technologies ...

When you finally clean your bedroom, you'll have to pick up the clothes that are scattered everywhere so they're concentrated in the closet. Concentrated can also mean that something is very focused. ...

Something that is concentrated in a specified place is mainly found in that place.

1. a. To direct or draw toward a common center; focus. b. To bring into one main body: Authority was

concentrated in the president. 2. To make (a solution or mixture) less dilute.

CONCENTRATED definition: 1. using a lot of effort to succeed at one particular thing; 2. having had some liquid removed.... Learn more.

OverviewHistoryChallengesOngoing research and developmentEfficiencyOptical design
TypesReliabilityConcentrator photovoltaics (CPV) (also known as concentrating photovoltaics or concentration photovoltaics) is a photovoltaic technology that generates electricity from sunlight. Unlike conventional photovoltaic systems, it uses lenses or curved mirrors to focus sunlight onto small, highly efficient, multi-junction (MJ) solar cells. In addition, CPV systems often use solar trackers and sometimes a cooling system to further increase ...

This case study explores our successful implementation of CPV technology in a commercial solar power plant, highlighting the benefits and challenges we encountered.

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