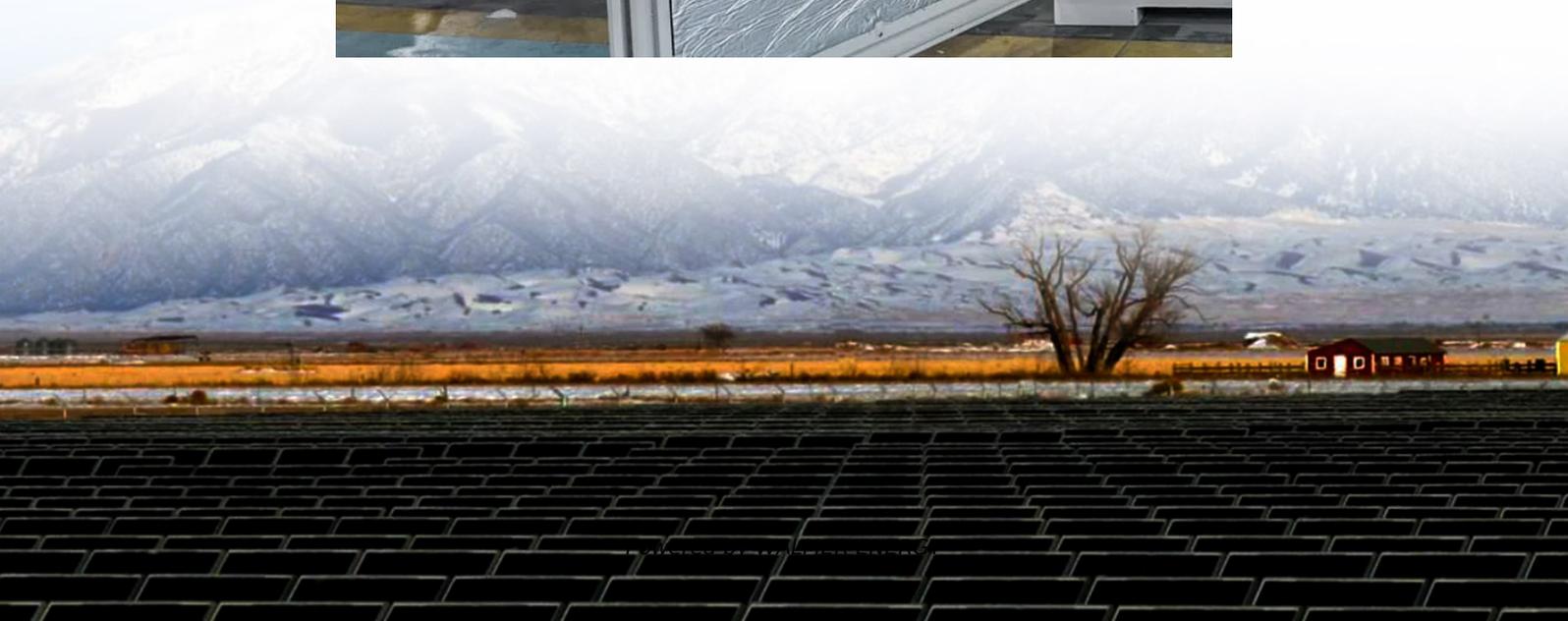


Flexible floating solar energy system





Overview

What is floating photovoltaics?

Floating photovoltaics means floating solar plants on lakes and other bodies of water. The technology enables energy companies to expand solar power without taking up more land. In 2021, the installed capacity worldwide was significantly above two gigawatts and counting, according to the Fraunhofer Institute for Solar Energy Systems (ISE).

What are hydropower-connected floating solar systems?

Compared to traditional solar power generation, hydropower-connected floating solar systems maximize resource utilization by combining two powerful renewable energy sources. This synergy enables generating more energy, increasing economic benefits, and also solves environmental issues.

Can floating solar power save the climate?

In 2021, the installed capacity worldwide was significantly above two gigawatts and counting, according to the Fraunhofer Institute for Solar Energy Systems (ISE). Floating PV plant technology has enormous potential for generating energy and protecting the climate - potential that has barely been tapped into yet.

What is flexible floating PV system?

Flexible floating PV systems need less infrastructure, and the array is kept in close contact with the water surface due to the surface tension. This technology increases the reliability without affecting the electrical performance of the floating PV system.



Flexible floating solar energy system

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