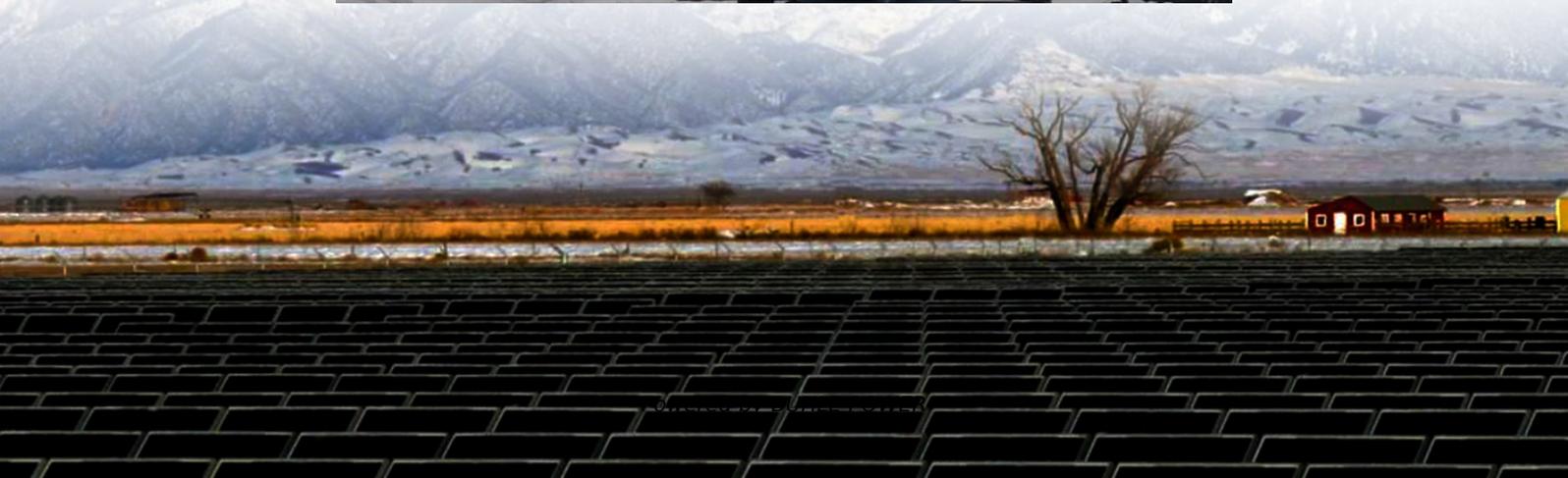
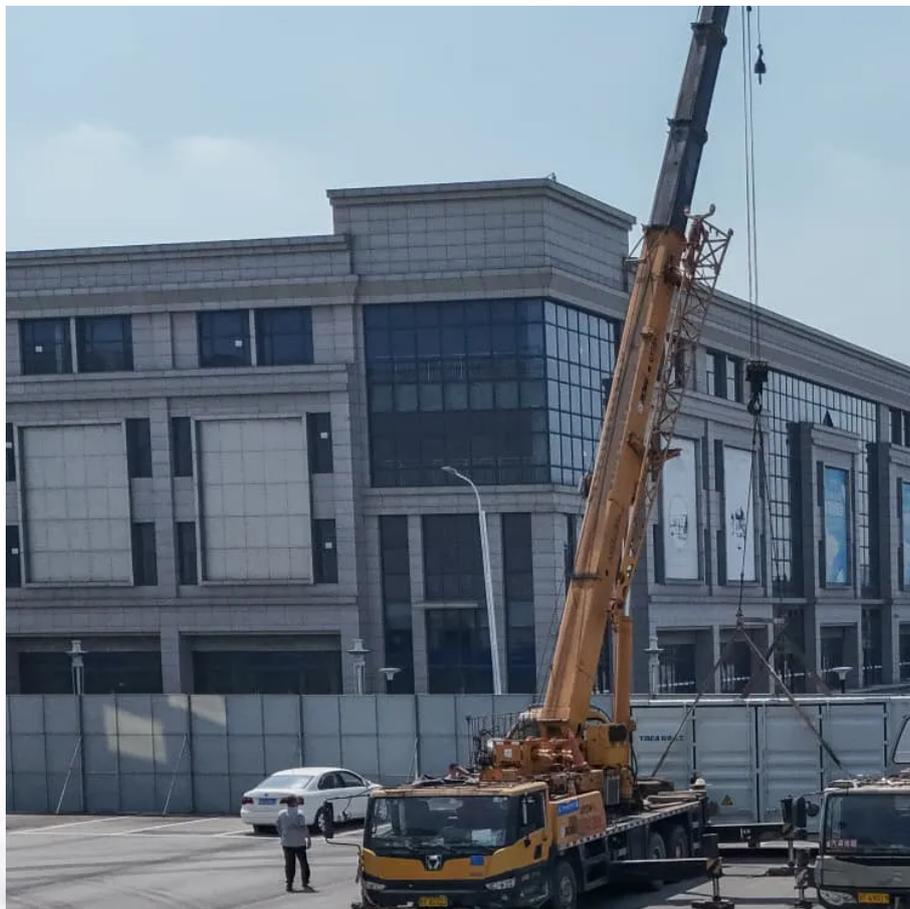


High-efficiency solar-powered containerized water treatment plant





Overview

What are the new solar water treatment technologies?

In this review, the new solar water treatment technologies, including solar water desalination in two direct and indirect methods, are comprehensively presented.

Can solar energy be used in water treatment processes?

Application of Solar Energy in Water Treatment Processes: A Review. Solar Powered MSF Desalination Process Performance. Ec onomical Review of Indirect Solar Desalination. Re gulating Solar Multistage Flash Desalination System. , 35, 333-340. Reverse Osmosis for Desalination of Saline Process Wastewater Sources.

How to choose the right solar water treatment technology?

Choosing the appropriate solar -powered water treatment tech- nol ogy is site-specific and depends on the conditions. In this review, the new so- workers. and membrane technologies, are more rel iable and technically more mature. crease membrane durability. solution. The solar water disinfection (SODIS) method is one of t he most co m-.

What is solar water disinfection (solwat)?

Photovoltaic -Solar Water Disinfection (SOLWAT) electricity generation, has been developed ac cording to the use of solar energy. (PV to generate elect ricity and heat and UV to disinfect). As a result, this system has low energy consumption and good performance. Therefo re, it is suitable for access to drinking water and electrici ty .



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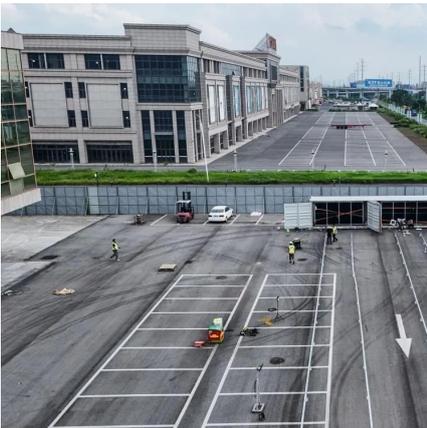
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