

Jan 1, 2021&ensp;&#0183;&ensp;The optimal sizing by the Modified Electric Systems Cascade Analysis method (MESCA) of an autonomous water pumping system powered by the electrical energy ...

Sep 17, 2025&ensp;&#0183;&ensp;Compared with conventional solutions, a solar-powered pump provides greater energy independence, improved operational efficiency, and reduced long-term costs. Whether ...

Jan 15, 2021&ensp;&#0183;&ensp;The aim of this study is to model and highlight the capabilities of the cogeneration of electricity and water using a contemporary configuration employing a multi-effect ...

Oct 15, 2019&ensp;&#0183;&ensp;In this work, a concentrated solar water heater (CSWH) system is designed and fabricated at IIT Jodhpur. The main objectives are development of a point focus based direct ...

Sep 17, 2025&ensp;&#0183;&ensp;Compared with conventional solutions, a solar-powered pump provides greater energy independence, improved operational efficiency, ...

Jan 1, 2025&ensp;&#0183;&ensp;Efficient utilization of full-spectrum solar photons is significant for improving the efficiency of solar energy conversion and thus alleviating energy shortage. In this work, a novel ...

Our first product development started at 2008 for developing a 3rd generation solar technology - Concentrated Photo Voltaic (CPV) system. To enhance ...

5 days ago&ensp;&#0183;&ensp;Concentrated Solar Power (CSP) Plants, also known as concentrated solar thermal, combine three major systems to produce electricity by collecting and concentrating sunlight ...

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Project Highlights A Spanish operator of Solar Power Plants and a long-standing customer of Sulzer Pumps approached us for the delivery of pumps for a newly built Parabolic Trough ...

Supplier of Choice to the Concentrated Solar Power Industry With its extensive experience in power generation, unmatched pumping technology and best-in-class technical know-how, ...

Jun 1, 2013&ensp;&#0183;&ensp;Concentrated solar power (CSP) is an electricity generation technology that uses heat provided by solar irradiation concentrated on a small area. Using mirrors, sunlight is ...

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