

Solar irrigation is a low cost energy solution for farmers. We can help you design effective solar irrigation systems for you land.

To support this goal, the Authority for Electricity Regulation (AER) established rigorous technical guidelines for grid-connected solar PV systems. This article synthesizes the key requirements from ...

The smart irrigation system has built as shown in figure 10, illustrate the final stage with all components of the project; solar panel, plants area size, electronic board with control, relay switch, smart phone, ...

The work is currently underway, in cooperation with the private sector, to establish five solar energy stations to operate water pumps from 41 auxiliary wells that supply the two villages with ...

This study aimed to evaluate the performance of a greenhouse developed with a new concept of an on-grid solar-powered, fan-chiller-tube-bank (FCTB) cooling system using pot-grown Okra. In addition to ...

This paper presents the construction and implementation of an intelligent irrigation system powered using the Oman falaj (hydro) along with solar. With the focus of better usage of falaj water ...

SPIS can reduce GHG emission from irrigated agriculture and enable low-emission irrigation development. SPIS can provide a reliable source of energy in remote areas, contribute to rural ...

I-RECs Market in Oman o Nama Power and Water Procurement Company (NPWP) carries out periodic auctions for the sale of I-REC for its various renewable energy projects for interested companies to ...

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