



# Guatemala Solar Irrigation System Project

EcoSync delivered an off-grid solar and battery system in Guatemala to power a 10 HP water pump for farmland irrigation, ensuring energy reliability and sustainability.

The main challenge was ensuring that the solar energy system could consistently support the 10 HP water pump, which is vital for irrigating extensive farmland. The area faced issues with unreliable ...

In April 2024, Solartech provided the design scheme and system equipment, and Solartech Guatemala agency organized the construction and installation of a solar sprinkler irrigation project, which was ...

This project is implementing Solar Photovoltaic Irrigation Systems (SPIS) to enhance resilience and sustainability by providing farmers with reliable irrigation technology, supported by robust business ...

The objective of this project is to design, develop, and implement a hand-made solar drying fruit equipment, and a solar-powered water drip irrigation system that is controlled by a low ...

AEP recently received funding from the IEEE Industrial Electronics Society (IES) through IEEE Smart Village to design, develop, and implement a hand-made solar-thermal fruit drying ...

Relatively high levels of solar irradiance and large areas of cleared land give the country a strong potential for increased solar energy development. BMR Energy acquired the Green Solar project in ...

Our project will strengthen the capacities of families to build rainwater harvesting and storage systems to secure a source of water for smart agricultural irrigation, poultry-raising as well as household needs. ...

Promote the adoption of solar-powered irrigation systems (SPIS) to enhance the resilience, productivity, and livelihoods of smallholder farmers. Design a sustainable business model for smallholder farmers. ...

The main aim of the project is to provide the Chiquimula community with a solar irrigation system. A solar energy irrigation system (SPIS) not only provides reliable and convenient energy but reduces ...



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