Solar water pumps in Ethiopia

Discover affordable and efficient solar water pumps for irrigation and community water supply from Sun Power Ethiopia.

The project aims to build climate resilience in the Kobo-Girana Valley (Amhara) and Borena Zone (Oromia) by installing solar water pumps to provide sustainable water access for agriculture and

In order to counteract this problem, we want to use the enormous potential of solar energy in Ethiopia in cooperation with our local partners to install solar-powered well pumps in rural communities.

Studies show that smallholder farmers in Ethiopia depend heavily on diesel-powered pumps for irrigation. While this has helped expand access to irrigation, rising fuel prices,

An initial investment of US$19,200 funded the installation of two solar-powered pumps in Gebe Keku and Gora Hido. With a capacity of 2.75 kilowatts (kW) each, these systems can

In Ethiopia, the availability of shallow groundwater offers the potential to use solar-powered irrigation systems for small-scale irrigation purposes. However, the market for solar irrigation in Ethiopia is

Designed to enhance sustainable irrigation, the system enables irrigation for up to 150 hectares of land, achieving annual energy savings of 312,440 kWh and reducing electricity costs

The challenge was not the installation or operation of pumping systems themselves, but rather the procurement and delivery of technically compatible, standardized solar PV equipment at scale,

Agri-Sun Ethiopia Engineering and Trading Pvt. Ltd. Co. delivers solar-powered water pumps, borehole drilling, and irrigation systems to smallholder farmers across Amhara, Oromia, Tigray, and

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