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2021 PAKISTAN SOLAR WELL REPORT

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PROJECT OVERVIEW

WHAT WE DID

Located in the heart of each village, our nine solar water centers not only eliminate the need for traveling far distances but provide **clean, running water to the homes of up to 1,500 people and 1,000 livestock as well!** Villagers no longer have to pull water through traditional means, wait for their turn to fetch water, or be time-bound. The water storage tank has a capacity of 15,000 liters at a time, allowing the community to fetch water after dawn and before dusk. These amazing feats of technology double as a power center that supplies electricity and power to schools and places of worship as well!

WHY WE DID IT

Pakistan contributes less than 1% of the world's greenhouse gases blamed for causing global warming, yet the country's more than 200 million people are among the world's most vulnerable victims of the growing impacts of climate change. In these villages, many had little to no access to drinking water, affecting the health, education, and livelihood of families. When they were thirsty, it wasn't an option to turn on the faucet for a nice cold drink of water. They don't have a faucet with running water. Instead, the burden often falls on women and girls who travel for miles to gather water, some spending an average of 2 to 4 hours fetching water every day. That's time they don't get to spend learning to read and write, finding an income, or taking care of loved ones. The water they're used to gathering comes from open wells that are likely contaminated with germs and dirt, leading to water-borne illnesses and even death.

But you made a big difference! Your investment into life-changing and life-saving, innovative charity changed that!

Completed solar well in Kheme Ji Waandh

WHERE WE DID IT

- Jhang Parha
- Mithrio Soomra
- Khemy JI Wandh
- Manherio
- Paro Ji Dhani
- Serohi
- Amb Jogi
- Misri Jogi
- Jaga Veri Bheel

WHO BENEFITTED?

- 4167 Women
- 5468 Children
- 4915 Men

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MAJOR ACHIEVEMENTS

WHAT WE ACCOMPLISHED

- Excess/waste water managed through seeds provision,
- Establishment of Kitchen Gardens of approximately 50x50 ft, and training of 78 beneficiaries on kitchen gardening.
- 925 households have been provided electricity through provision of solar emergency lights.
- Seven schools in the nearby locations of the targeted villages have been solar electrified through two solar bulbs and two fans with necessary items, wires, cable, batteries and switches.
- Two temples (mandir) in the nearby locations of the targeted villages have been solar electrified through two solar bulbs and two fans with necessary items, wires, cable, batteries and switches.
- N.O.C issued for all nine locations
- Continued coordination with Government and Mass Awareness Campaigns
- Formation of Village Development Committees (VDCs) to ensure community participation for efficient and effective implementation of the project.
- Water storage tanks, boundary walls, and animal drinking water points are constructed and functional in all nine villages. The population living in the villages and surrounding communities are benefiting from the installations.

Completed solar well in Paro Ji Dhani


Solar energy light distribution in Amb Jogi, Pakistan


Solar well in Jagaveri Bheel

WHAT'S NEXT

VDC formation in Paru Ji Dhani

Installation of Solar Well in Serohi

Completed Solar Well in Manheero

To ensure active participation of targeted beneficiaries and involve the community in decision-making, the community was organized through formation of Village development Committees (VDCs). A committee of 7 members was formed to represent the village community.

The beneficiaries participated in the project through VDCs. The VDCs were oriented about their role and responsibilities in the project implementation and its sustainability. The beneficiaries, through VDCs, were involved in site selection for the construction of solar-powered wells, participatory monitoring during construction and installations, distribution of solar lights, and other matters during implementation of the project.

At the village level, we worked in collaboration with community representative bodies, i.e. the Village Development Committees.

The VDCs were involved in:

- Identification and selection of solar water pumps and water storage sites.
- Conduct participatory monitoring of the Project activities.
- Diffuse/handle any conflict among the community regarding the project.
- Ensure operation and maintenance of the installed facilities after completion of the project.