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RV PRO

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who give back to their
local communities



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Xantrex Helps Bring Power to Remote Locations



Xantrex has provided renewable energy solutions bringing power to many remote locations across the globe.

The World Energy Outlook published by the International Energy Agency estimates that nearly 1.3 billion people around the world are without access to electricity. This inequality is ever more concerning due to its concentration in underdeveloped nations and in rural and isolated communities.

Xantrex and its parent company, Schneider Electric, have taken steps to rectify that situation in a number of communities.

In early 2015, Xantrex, along with the NGO Gaia Watch, traveled to Anexo Angola, a small village located 130 kilometers south of Lima, Peru. This remote village comprised of 32 families has never enjoyed access to electricity or potable water.

Mainly drawing energy from diesel-powered electric generators, the families of Anexo Angola faced limited access to power due to the increasing cost of diesel in the area.

With no infrastructure in place to supply its residents with electricity, portable and renewable energy solutions were promptly identified as a viable solution to bring electricity to Anexo Angola. Through the installation of solar panels, power conversion equipment, and individual lightning systems in each of the 32 homes at Anexo Angola, Schneider Electric and Xantrex played an integral role in the provision of a sustainable, affordable, and reliable environmentally friendly solution for the energy needs of the community.

This initiative – consistent with the company's commitment to social responsibility – affected the lives of residents of Anexo Angola in several other ways. It also allowed residents to enjoy

security during the night and it permits children in the community to study at home – something they could not do prior to the initiative.

Xantrex and Schneider Electric also recognize that the benefits of this initiative should go beyond the installation of equipment for the benefit of the community. As part of this initiative, residents of the community, organized under the name Angolasol, also were invited to be trained and to learn about their solar energy, and about how to use and maintain their new equipment.

In another instance, Xantrex partnered with HEsentme, a nonprofit organization that is dedicated to improving the quality of life for people in developing nations. According to Jim Dotson, founder, a Xantrex Powerpack 1500 is used in the remote African bush village of Balembar to great success.

"I stopped at a small maternity clinic and asked the field nurse what they did when a woman went into labor at night, or when they had to rush to some wild, remote location to help a woman in need," he says. "The nurse showed me one small blue kerosene lamp and explained how they used it exclusively to light the delivery room during childbirth. I realized what they needed was a mobile power source that could survive the extreme weather conditions of the sub-Saharan Desert. I used the Xantrex unit to power fluorescent lights and other electronics. Two days later, I returned to the clinic and learned the very first baby had been born in light."