

ZeroBase Units powering Haiti

After the earthquake in Haiti on January 12th 2010, the rebuilding has started. From the whole world help is being offered in the form of goods, workers and financial support. Also in the field of energy supply Haiti is being supported.

Fundraisers

Through major fundraising actions a lot of money is collected to offer Haiti the necessary aid and to help with the rebuilding. Giro 555, consisting of 9 Dutch cooperating aid agencies, collected 108.9 million euros in six weeks time. This money will be used for emergency aid and reconstruction activities.

Energy supply

Next to the colossal cleanup of the debris in Haiti, medical care and the necessities of the Haitian people, energy supply is an important aspect for the affected area. Before the earthquake there was a grid available, but it was inaccessible to many people and not very reliable. Renewable energy is a good alternative to this problem.

ZeroBase Units

To provide Haiti with renewable energy, two ZeroBase units, built by Lyman-Morse Boatbuilding Co., were donated by Pegasus Capital Advisors to the Make It Right Foundation (founded by Brad Pitt in 2007). The units have recently been deployed to Haiti.

The ZeroBase is an all-in-one, hybrid power system with a generator, batteries, inverters and solar panels. The ZeroBase operates on solar power and provides primary or back-up power, on or off-grid, for short or long periods.

Victron equipment

Each ZeroBase unit is equipped with the necessary devices: a Phoenix MultiPlus 24/3000/70, 12 Telecom batteries, a BMV 602, an Orion 24/12-60 and a Global Remote from Victron Energy. The Phoenix MultiPlus is a powerful true sine wave inverter, a battery charger and a high-speed AC transfer switch in a single compact enclosure. The BMV 602 calculates the ampere-hours consumed. The Global Remote makes it possible to remotely monitor the system.

Future

Currently every week one ZeroBase unit is built. The ZeroBase units are initially used to provide electricity to schools and hospitals in Haiti.



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