



We have installed the following:

Solar water heating system:

Our system is a 400Kpa active, open loop system. The circulation pump is running off our own power plant.

- 4x SPX 3 Collectors
- 1x 300l Direct Sunstor
- 1x 200l Direct Sunstor
- 1 x 450l Direct Sunstor
- 1x 704 Thermal controller
- 3x Willow pumps
- 1x Motorized 3way valve

Photovoltaic electricity system:

Our system delivers between about 25KWH and 30KWH of pure natural solar energy. The energy produced by the photovoltaic panels are stored in the battery bank and then converted to 220 VAC with the help of the MLT inverter.

- 10x 190W Sanyo PV Panels
- 10x 180W Sanyo PV Panels
- 10x 80W Tenesol PV Panels
- 1x Flexmax 80 For PV Panels
- 1x Flexmax 60 For PV Panels
- 1x MLT 6KVA bi directional inverter
- 16x 102Amp Batt

Wind turbine Electricity system:

Our wind turbine kicks out between 5KWH and 8 KWH, depending on the wind. The energy produced by the wind turbine are also stored in the battery bank and then converted to 220 VAC with the help of the MLT inverter.

- 1x 1KW Kestrel turbine
- 1x MX60 Regulator for Windturbine 1x 12m Siccot tower 1x 1KW limiter