

Local Church goes Off-Grid

ENERGY STORAGE INTERNATIONAL CASE STUDIES

Installer

Watch Tower

Location

Bagildig Kingdom
Hall of Jehovah's
Witnesses
Papua New Guinea

Application

Off-Grid

System Size

8.12kW Solar PV
29.7kWh Battery
Storage
Single Phase

Battery storage

9 x PowerPlus Energy
LiFe4833P 48VDC
3.3kWh LFP Battery
Modules

Solar panels

28 x 290W Canadian
Solar Modules

Inverters

2 x 3kW SMA Sunny
Boy solar inverters.
1 x SMA Sunny Island
8.0h-12 Battery Inverter
1 x Victron SmartSolar
100/20-48V MPPT

Providing long lasting power to a remote community in Papua New Guinea

The commercial arm of the Jehovah's Witnesses, Watchtower, installed a vital and dependable new off-grid system to supply power to a remote church on the North West Coast of Papua New Guinea (PNG). This system, integrated with PowerPlus Energy LiFe premium batteries was designed with storage redundancy in mind to allow for future growth and support the ongoing needs of the church in their daily activities.

