

New Zealand Ministry of Foreign Affairs

- 2.2 MWp Solar Farm,
Racecourse, Apia, Samoa

April 2014 – December 2014



Continuing on from the 240kWp grid-connect system we installed on Gym 3 in Samoa in early 2014, we were then awarded by the NZ Ministry of Foreign Affairs and Trade the contract to build the 2.2MWp Solar Farm at the Apia Racecourse, and the 143.5 kWp solar system installed at the Salelologa Power Station on Savaii.

The Racecourse Solar Farm is the largest solar farm in the South Pacific to date and it was opened during the United Nations Small Island Developing States conference in Apia by Samoan Prime Minister Tuila'epa Sa'ilele Malielegaoi, and Murray McCully - the NZ Minister of Foreign Affairs.

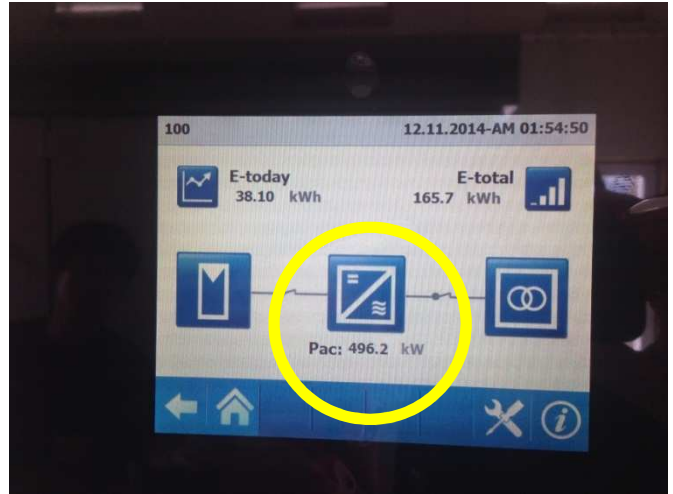
System Components:

- 8448 x Trina 260W Solar Modules
- 4 x SMA Sunny Central 500kW inverters
- 4 x ETEL 750kVA 3Ph Transformers
- 1 x ABB Safeplus Ring Main Unit





EPC CEO – Tile
Tuimaleali'ifano being trained
on the SMA inverters



Inverter Operating at c 500kW

The system is forecast to produce approximately 3.5 GWh per annum (3,485,582 kWh pa).

We commenced the project on site in April 2014, and the Farm started feeding power into the Samoan grid in November 2014.

