



SMA System Technology

- 7 Sunny Tripower 60
- 27 FLX 17
- 6 FLX 15
- 1 SMA Inverter Manager
- 4,207 Installed Modules (Solar World)
- Total Area of 7,200 m².

Operation Parameters

- Nominal Power *1,093.8 kWp*
- Annual Energy Yield *1,640,000 kWp*
- Self-consumption Rate *≈ 35%*
- Annual CO₂ Savings *≈ 1,620 tons of CO₂*.

Challenges

- Different rooftops with different orientations on a total installation area of 7,200 m².

Maximum Reliability

- Reduced operation and maintenance costs thanks to less components
- Long service life due to demand- specific bypass operation
- Comprehensive SMA service for the entire system.



Maximum reliability with SUNNY TRIPOWER 60



Commercial PV Power Plant – South Africa, 2015

One of the most visited tourist spots on the African continent has gone solar now. The V&A Waterfront in Cape Town now has a solar system with an average daily production of about 4,495 kWh.

The waterfront consists of an active harbor with two basins and a restored building complex. 7,200 square meters of its roof area are now covered with solar modules.

The Victoria & Alfred Waterfront (V&A Waterfront) in Cape Town, South Africa, is one of the most visited tourist spots in Africa and attracts about 20 million visitors per year. The historical complex consisting of two harbor basins and surrounding buildings is a mixed-use area with a focus on retail, tourism and residential development, with the continued operation of a working harbour. And it has now gone solar.

The photovoltaic system with a Sunny Tripower solution from SMA has an overall output of 1,093.8 kWp

