

Case Study

South Africa Juwi Project



PROJECT OVERVIEW

- Project Name: South Africa Juwi Project
- Location: South Africa, Droogfontein, Bokamoso, Waterloo
- System Size: 250MW
- Type of Solar Panel: STP 330-24/Vfw
- Panel Quantity: 761812 pieces
- Owner: Juwi Solar ZA Construction4(Pty) Ltd
- Installer: Juwi Solar ZA Construction4(Pty) Ltd

BENEFITS

- Effectively alleviate the local electricity shortage. In addition, the three projects are expected to create over 1,600 jobs during construction and 200 additional opportunities during the operations and maintenance phases.

“We are delighted to have Suntech’s expertise on board these projects. As well as delivering strong long-term returns to AIIM investors, the new plants will provide essential clean energy to the grid which, in addition to environmental benefits, will help boost economic growth by creating jobs in construction and follow-up operations and maintenance.”

Sean Friend, Investment Director at AIIM

Construction of 250 MW power plant began in South Africa

In early 2019, Suntech signed an agreement with Juwi, one of the world’s largest EPC companies, for supplying South African with 250 MW of PV modules, including Droogfontein2 solar plant (86MW), Bokamoso solar plant (78MW) and Waterloo solar plant (86MW), all of which have recently been under construction. This project is the first large-scale project initiated in South Africa since 2014, and also a part of the fourth round of the REIPPP program in South Africa.

Suntech’s Global Customer Service team provided installation and technical guidance for the project

Above three power plants, all adopting Suntech’s high-efficiency polycrystalline solar modules, are located at the solar parks in Kimberly, Bokamoso and Vryberg, respectively. Suntech’s global customer service team cooperated with the project team on site for installation.

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Renewable energy sources became a new option for electricity consumption in South Africa

Considering the influence that Eskom rapidly increased the electricity price, unaffordable price and inconsistent power supply have forced the municipal administration to turn to renewable resources, and many regions start to generate electricity on their own, but not in a large scale. In light of the gap in terms of fully satisfying the power demands of residents in South Africa, renewable energy sources such as photovoltaic power and wind energy will all become new options for electricity consumption in South Africa.



Social responsibility

These solar plants has brought in key social and economic benefits to the local, in which Suntech is honored to be involved, Effectively alleviate the local electricity shortage In addition, The projects are expected to create over 1500 employment opportunities during the construction period and 200 additional opportunities during the operations and maintenance phases of the respective projects.