

# Case Study

## Refit Program Nampower Karibib, Namibia



System size:	5 280 MWp	Number of modules:	19 200
Solar Module:	Phonosolar	Inverters:	SMA
Annual Yield:	12 GWh	Annual CO <sub>2</sub> avoided:	11800t Emissions Reduced
Installation Type:	Utility Power	Completion Date:	March 2017

**Up to R 20 000 000 annual revenue**



### About Karibib

One of the largest photovoltaic power plants in Namibia. The complex has an installed nominal output of 5.280 MWp and at the time of its commissioning (March 2017) Karibib was 1 of the top 5 largest photovoltaic power plant in Namibia. The construction of Karibib was preceded in 2016, after all formalities of the PPA with Nampower were finalised and signed. The power plant was constructed and commissioned within its given time frames, and is successfully meeting and exceeding all production requirements.

The newly developed 2 block complex stretches over an area of 12.5 ha, which represents an area of about ten football fields. The first construction works on the photovoltaic power plant started in October of 2016 and at the start of June 2017, Karibib was ceremonially opened. The project was developed by MetSolar and a panel of various Sub-Contractors. COD was reached after 12 weeks of construction.

### About MetSolar

MetSolar specialises in tailor-made system designs, conducting technical due diligence on each project to achieve a 25-year project lifetime, at a low operation and maintenance cost. Using quality technology, systems are designed in a modular fashion for easy system expansions to reach ultimate innovation and cost competitiveness, reducing the payback period to as low as 3-5 years.



**LATEST UTILITY SOLAR PLANT**

