

Case Study

Prosperita Commercial Cold Storage

Windhoek, Namibia



System size:	193 kWp	Number of modules:	584
Solar Module:	Jinko 330W	Inverters:	Huawei Sun2000 36kW
Annual Yield:	422MWh	Annual CO ₂ avoided:	300t approx. reduced
Installation Type:	Commercial	Completion Date:	Dec 2017



1st year savings: Up to R 650 000.00



About MetSolar

MetSolar is committed to providing top quality sustainable Solar Power Solutions, specialising in turnkey grid-tied solar PV systems, solar off-grid systems and solar diesel hybrid plants in the 5kWp to 5MWp range for commercial and industrial clients, designed to meet client's unique electricity consumption requirements.

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.

About Client

Founded in 2010, Prosperita Commercial Cold Store was started to provide frozen storage in an ever growing local market. With no other commercial cold store of this scale situated in the heart of Namibia, PCCS has continued its dedication to service local companies. Linked to all main arterial road networks such as the Trans Caprivi and Trans Kalahari, PCCS is ideally situated to accommodate imports from South Africa, local distribution and exports into Africa.

PCCS utilises high density storage, to provide customers with 300 tonnes freezer capacity, a chilled store and blast freezing facilities. With proactive energy management and a solar system, PCCS strives to maintain a low carbon footprint.

