

**Logo**



**Legal Entity**

**Brand Name(s)**

**Website**

**Office Address**

**DC Focus**

**Contacts**

Name	Email	Mobile

**DC Product Portfolio**

Product type	Product Name	Current OS Cert. Nr
DC Power generation and sub-centralised	DC Solar Towers	Pending
DC Power generation and decentralised	DC SHSs	Pending

**DC Project References**

Project Name	Application	Location	Year
Using low voltage DC, many power boxes or charging of cell phones.			2009
Prototype Solar Home Systems (SHS) or DC Microgrids with efficient DC LED			2009
Developed urban-modelled DC Micro-grids for rural and township roll-out. Consultation with electrical engineers on safety features for urban applications. Social impact study report was completed by Bianco Curry. Collaboration with the SHS electrification projects for indigent and disconnected communities. Ongoing product development and improvement resulting in scalable, modular and remotely managed SHS with implementation and sustainable programs documented for NGO's, government Department of Energy (DOE) Concessions. New billing methods, POS printing receipts and a vendor module was applied to the in- house software development. Department of Energy and concession holder implementation. Bill Gates foundation approved 1750 systems. DoE, Matatiele District, Eastern Cape; 900			2010
Improved SHS's. Focus on Solar Tower development with collaboration with Victron Energy. Upgrade on web remote management systems to include advance remote system management, consumption metering and API payment integrations.			2011
Ongoing Solar Tower ITC Networked product development and expansion planning for inclusion of high voltage 350VDC grid Solar Tower networks and fibre networks for the foreseeable future linking DC Microgrids with traditional AC grid allowing for bi-lateral energy integration with high-speed Internet connectivity all managed by smart electronics using ITC technologies.			2012
			2017
			2020

**Experts**

Name	Email	Working group(s)
Sihle Jaco	sihle@specializedsolarsystems.co.za	