

## European Solar and Energy Storage Solutions

# Namibia solar energy company profile



## Overview

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NamSolar builds and operates solar power plants. As an independent power producer, NamSolar has long-term contracts with municipalities, industrial and private customers.

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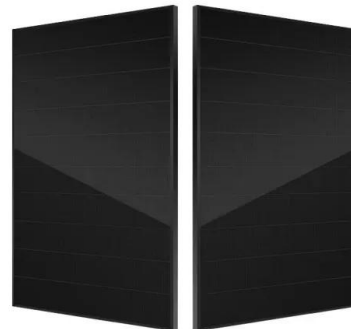


### Commercial Solar Energy Solutions

NEC Energy embodies our commitment to providing cutting-edge Solar energy and Storage solutions tailored to the needs of both our residential, commercial, and Innovative products and services are offered to provide a long-term reliable and sustainable solution in Namibia's harsh weather and geographical condition. Company Profile

### Sector Brief Namibia: Renewable Energy

Namibia is the world's fifth largest charcoal exporter with about 210,000 tons. Bioenergy from specially cultivated energy crops is out of the question in Namibia due to land competition with food production and water scarcity. The natural potential for hydropower is estimated at 2,250 MW. Of these, 347 MW are already being used from Ruacana



### Namibia Energy Situation

Namibia's Energy Profile Map (Lund & Mbirizi, 2017) some 1,600 solar systems (water heaters, pumps and solar home systems). Solar Revolving Fund: A Financing Strategy for Solar Energy Technologies in Namibia. A Renewable Energy Company focused on Solar Technology (693 Happy Clients,

## COMPANY PROFILE 2020

We are often asked 'What drives your company to be a leading renewable energy company?' Our response is generally along the lines that the Sun's Irradiance is our most abundant resource in Namibia. And when we look at comparable advantages of economies, Namibia's sun is ...



- LIQUID/AIR COOLING
- INTELLIGENT INTEGRATION
- PROTECTION IP54/IP55
- BATTERY /6000 CYCLES



## company profile 2017

What A turbulent Year 2021 has been for Solar in Namibia and the SADC region at large. The COVID-19 Pandemic had a major impact on energy systems in the country, curbing investments and threatening to slow the expansion of key clean energy technologies. Overall however, renewable energy has shown

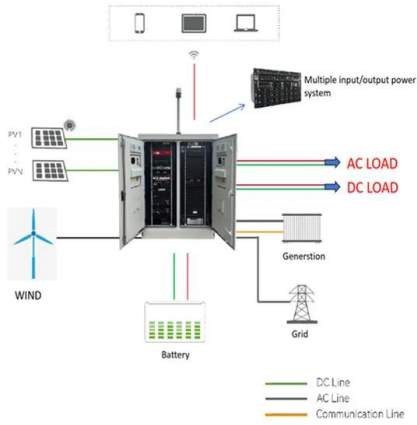
## Solar PV Analysis of Swakopmund, Namibia

In Swakopmund, Erongo, Namibia, situated at latitude -22.6838 and longitude 14.5299, the potential for solar power generation is notable due to the city's consistent sunlight exposure throughout the year. The average solar energy production per day for each kilowatt of installed capacity varies by season: it reaches 8.11 kWh in summer, drops to 6.21 kWh in autumn, ...



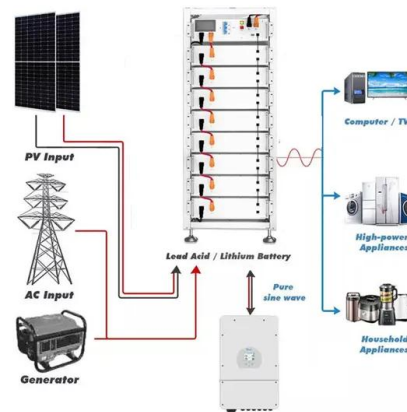
## Solar Power Plants

NamSolar builds and operates solar power plants. As an independent power producer, NamSolar has long-term contracts with municipalities, industrial and private customers. Investors can join NamSolar and participate in the company's success.



## HOPSOL Africa , Solar energy company in Windhoek, Namibia

HOPSOL Africa is a technology leader for on- and off-grid solar power plants, fuel save controllers as well as solar diesel hybrid systems at utility scale (e.g. mining solutions). We are specialized in building and operating solar power plants in deserts and desert-like regions.



## Solar PV Analysis of Okahandja, Namibia

Okahandja, Otjozondjupa, Namibia is a highly suitable location for solar PV generation, thanks to its consistent sunlight throughout the year and favorable seasonal variations. With an average of 7.96 kWh/day per kW of installed solar in summer, 6.43 kWh/day in autumn, 5.68 kWh/day in winter, and 8.32 kWh/day in spring, this city experiences optimal ...

## Power plant profile: Schonau Solar Energy PV Project, Namibia

The project is being developed by Emesco Energy Namibia and is currently owned by Schonau Solar Energy with a stake of 100%.

Schonau Solar Energy PV Project is a ground-mounted solar project which is planned over 200 hectares. The project is expected to generate 338,714MWh electricity to offset 331,973t of carbon dioxide emissions (CO<sub>2</sub>) a year.

### Lithium Solar Generator: \$150



## Company Profile

have secured over 450 MW of solar projects, which provide us access to a pipeline of 4 GW of solar energy and battery storage projects across Africa. We are also in the process of launching our power trading business in the Southern African Development Community (SADC). BB Energy has leveraged its multi-decade trading experience in Africa to

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## Solar PV Analysis of Walvis Bay, Namibia

Located at latitude -22.9602 and longitude 14.5094, Walvis Bay in Namibia is a prime site for solar power generation due to its abundant sunlight exposure throughout the year and minimal seasonal fluctuations. The city enjoys an average daily energy production of 8.11 kilowatt-hours (kWh) per kilowatt (kW) of installed solar

capacity during summer, which slightly decreases to ...



## COMPANY PROFILE

With the unfolding energy crisis renewable energies have grown in importance over the years and now form a core component of NEC's business. In 2007 the company achieved the strategic aim of broadening its capital base, by the Swedish ITTUR group taking up



## Schonau Solar Energy

Schonau Solar Energy (SSE) is a 54 MWp / 80 MWh solar PV and BESS project being developed by Emesco near the town of Karasburg in the Kharas Region of southern Namibia. As a licenced generator and exporter of electricity under the Namibian Modified Single Buyer (MSB) framework with 31 MW of approved capacity for export to the Southern African

## Solar PV Analysis of Windhoek, Namibia

Ideally tilt fixed solar panels 21° North in Windhoek, Namibia. To maximize your solar PV system's energy output in Windhoek, Namibia (Lat/Long -22.5674, 17.0849) throughout the year, you should tilt your panels at an angle ...



### company profile 2017

Lights Systems Namibia CC , 19 Axali Doeseb Street, Windhoek West, City of Windhoek, ,+ 264 61 555 000 , , email: info@LSN .na , 2014/10472 , 5 LIGHTS SYSTEMS NAMIBIA IS A RENEWABLE ENERGY COMPANY FOCUSED ON SUSTAINABLE SOLUTIONS. LIGHTS SYSTEMS NAMIBIA DESIGNS, INSTALLS AND MAINTAINS SOLAR SOLUTIONS; ...



### Alensy Energy Solutions Namibia

Alensy Energy Solutions is an energy management company located in Namibia. Alensy specializes in renewable energy solutions such as solar energy to adress the high costs associated with utilities throughout Southern Africa. We are experts in ...



### Solarcentury, Sino Energy reach financial close on N\$354m Namibia solar ...

Solarcentury Africa Limited, in partnership with Sino Energy (Pty) Limited, have reached financial close on a US\$20 million (N\$354 million) 20MWp solar photovoltaic (PV) project in Namibia. The groundbreaking Gerus solar PV plant project will be the first fully merchant independent power



producer (IPP) in Southern Africa, trading all its renewable energy on the ...

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