

**Espay Solar Energy S.L.**

# Windhoek utility-scale solar



## Overview

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Windhoek aims to add 428MW of solar PV capacity to the grid by 2028, along with sizeable wind, battery storage and biomass capacity. In 2017, the Municipal Council of Windhoek approved the City of Windhoek Renewable Energy policy. One of the outcomes of this policy is the ongoing 25MW Solar PV project, which is. We have a proven track record - we are the leading solar power company in the sunbelt countries where climate conditions are extreme. We provide EPC, IPP, O&M services, utility scale. The City of Windhoek's 25-megawatt solar power project is at an advanced stage, with recommendations soon to be submitted to the Public-Private Partnership (PPP) board for consideration. Working in conjunction with our local partner, just one of our extensive network of global contacts who provide extra manpower and local knowledge, the installation was fast. The latest Data Trends analysis from African Energy Live Data (Live Data) shows that Namibia's installed capacity was 663MW as of end-2023. Hydroelectric power (HEP) accounted for the bulk of this, namely utility Namibia Power Corporation (Nampower)'s 374MW Ruacana plant.

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### **Solar Power Revolution in Windhoek: Africa's Energy Crossroads**

Enter the Omburu Solar Plant--Windhoek's 20MW game-changer. Completed in 2022, this photovoltaic marvel powers 16,000 homes. But here's the kicker: battery storage systems now store excess ...

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### **City of Windhoek Now Eyes 100MW Solar Plant**

The solar power project stems from a 2021 bid by the City of Windhoek seeking an Independent Power Producer (IPP) to finance, procure, install, commission, and operate a 25MW ...



### **The Windhoek Energy Storage Project: Powering Namibia's ...**

Think of it like a camel's hump for electricity - storing solar "nutrition" during the day to sustain cities through the cold desert nights. The system's 92% round-trip efficiency rating makes it ...

## Namibia Windhoek Solar Project

Discover GSOL Energy's Namibia Windhoek Solar Project, providing sustainable energy solutions to enhance environmental impact and power the future. Learn more about our innovative solar ...



## Namibian solar and wind gathers pace as hydroelectric power stalls

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Hydroelectric power (HEP) accounted for the bulk of this, namely utility Namibia Power Corporation (Nampower)'s 374MW Ruacana plant. Windhoek aims to add 428MW of solar PV ...

## HOPSOL Africa , Smart Energy Solutions

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 ...



## Utility-Scale Solar Plants to Energize Namibia

InnoSun - one of the first movers in the market - is aiming to surpass the country's goal of achieving a 70%

renewable energy mix by 2030 through the establishment of utility-scale solar PV ...



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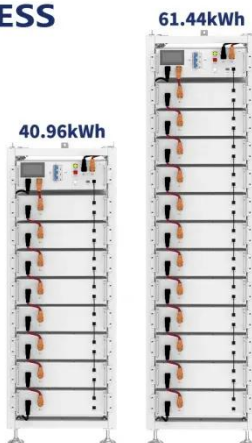
### **City of Windhoek progresses 25MW solar project with PPP**

The project stems from a 2021 bid by the City of Windhoek seeking an Independent Power Producer (IPP) to finance, procure, install, commission, and operate the 25MW solar PV plant ...



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### **The City of Windhoek 25MW Solar PV Plant Project**

The 25MW Solar PV project has several benefits for the city. It will diversify the electricity supply and reduce the dependence on NamPower, the national

electricity supplier.



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