



# Clean electricity namibia



## Overview

Namibia benefits from an abundance of renewable energy resources namely solar, wind and biomass, and is home to a well-established electricity supply industry (ESI). The country boasts the world's second highest solar and wind regimes, with a technical wind potential of over 100GW. The United Nations Namibia House has adopted solar power through the installation of a 104kWp photovoltaic system. 26 January was the International Day of Clean Energy, celebrated worldwide to raise awareness and mobilizing action for a just and inclusive transition to clean energy for the benefit. nable, inclusive, and clean energy. TECH's proficiency in producing and applying future fuels, Cleanergy Solutions. Namibia, alongside 16 other countries, on 24 September committed to reforms and actionable plans to expand electricity access and connect 300 million Africans by 2030, with the endorsement of the National Energy Compact. This programme forms part of Mission 300, a partnership led by the World Bank. Namibia's Orange Basin emerged as a global exploration hotspot after 2022, when Shell's Graff-1X and TotalEnergies' Venus-1X offshore wells struck significant oil. These giant deepwater finds, along with Galp's 2024 Mopane-1X discovery, have uncovered over 11 billion barrels of oil in place.



## Article Content

Namibia commits to scaling up electricity access by 2030

According to the national Compact, the government plans to increase the energy access rate from 59.5% to 70% by 2030, particularly in peri-urban and rural areas, and improve the clean ...

SDG 7 - Affordable & Clean Energy - SDG Hub Namibia

Expanding infrastructure and upgrading technology to provide clean and more efficient energy in all countries will encourage growth and help the environment. 50.4% of Namibian households (HHs) ...

Cleanergy Solutions - Namibia Green Hydrogen ...

Cleanergy Solutions Namibia is driving the growth of Namibia's hydrogen economy while contributing to the global shift towards clean energy.

Namibia's 2026 Clean Energy Outlook - Namibia Business review

Currently, Namibia's electricity supply is a mix of domestic generation characterised by hydroelectric, solar and wind and imports from the Southern African Power Pool. In 2026, we can ...

Renewable Energy Opportunities for Namibia - ...

Thanks to high-quality renewable resources, combined with ample available land for large-scale project development, Namibia is well-positioned to ...

Lighting Up Namibia: Clean Energy as a Pathway to Inclusive ...

Despite its natural advantage and progress toward clean energy, Namibia faces energy poverty. Currently, only 56% of Namibia's population has access to electricity, with 75% living in ...

Green energy: A high

This project is the beginning of green hydrogen and ammonia production in Namibia, it will help position Namibia as a leader in green hydrogen, strengthen trade and innovation links with ...

NATIONAL ENERGY COMPACT FOR NAMIBIA

Developing and implementing an energy efficiency program with clear objectives aimed for energy consumption by incorporating energy-efficient technologies and practices in new and existing ...

Namibia's Journey Towards Energy Independence

Major solar farms by Alten, HopSol, and Access Power are already feeding clean energy into the grid, while wind projects along the Lüderitz coast are entering advanced development stages.

## Contact Us

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