

**PIENAAR ENERGY (PTY) LTD**

# **Increased renewable energy penetration morocco**



## Overview

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Morocco is continuing its transition to renewable energy with impressive progress. In 2024, the country already reaches 45% of its electricity mix, and according to the 2025 Finance Bill (PLF), the target of 52% set for 2030 will be exceeded as early as 2027, with an expected. Power generated from renewables is up 44 percent in the North African country A surge in investment has boosted Morocco's power generation by nearly 5 percent over the past four years as the North African nation pushed ahead with an electricity expansion strategy to higher demand, according to its. Imagine a country that turns sunlight into gold and wind into electricity—a nation where renewable energy isn't just a political promise but a thriving reality. But this isn't just about solar panels baking under the sun or. Total primary energy consumption has increased by about five percent per year since 2004, but Morocco plans to decrease energy consumption by 15 percent from 2016 levels by 2030 through energy efficiency measures. This represents a 67% increase over the decade. Renewable energy is an attractive proposition as Morocco has almost complete dependence on imported energy carriers. In 2022, Morocco spent around US\$13.

## Increased renewable energy penetration morocco



### Morocco reports growth in power production , AGBI

Morocco has already made progress in plans to rely more on renewable energy. It accounted for 44.3 percent of the total energy mix at the end of 2024, said Tarik Hammame, director ...

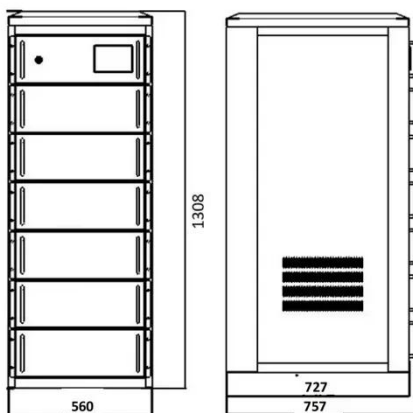
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### Renewable energy output in Morocco exceeds 12GW, sees 5% increase ...

The installed energy from renewables in Morocco increased by more than 5% between 2021 and 2025, reaching a total of 12 gigawatts of installed energy, the Minister of Energy Transition, Leila



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### Renewable Energy in Morocco: Potential and Progress

Annual electricity consumption in Morocco was 38 TWh in 2022, and is steadily increasing at a rate of around 7 percent each year. The major sources of renewable energy in Morocco are ...

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## From 2015 to 2024, Morocco's renewable capacity grew from 2.4 GW ...

Morocco has made consistent strides in expanding its renewable energy capacity over the last decade, increasing from 2.4 GW in 2015 to 4.0 GW in 2024. This represents a 67% increase, showing the ...



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## Renewable Energy in Morocco: The goal of 52% of the energy mix ...

Morocco is continuing its transition to renewable energy with impressive progress. In 2024, the country already reaches 45% of its electricity mix, and according to the 2025 Finance Bill ...

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## Renewable energies in Morocco: A comprehensive review and ...

The study provides actionable insights into three key areas: (1) the current situation of renewable energy deployment, (2) the policy framework governing renewable energy, and (3) the ...



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## Renewable energy in Morocco



Renewables have played an increasingly important role in Morocco's energy sector. By shifting toward cleaner energy sources, the country has become one of the largest renewable energy

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## **(PDF) Renewable Energies in Morocco: A Comprehensive Review ...**

To align with global climate commitments, Morocco has set ambitious decarbonization goals, targeting a 52 % renewable energy share in the electricity mix by 2030 and 70 % by 2050.

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## **Morocco: The rising giant of renewable energy**

Morocco is making waves in the renewable energy sector. According to the Climate Change Performance Index (CCPI) 2025, the country ranks 8th worldwide, outperforming several ...

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