



# Laayoune increased renewable energy penetration





## Overview

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The Noor Laâyoune Solar Complex, part of Morocco's ambitious Noor solar program, is expanding in 2025 to increase its capacity. This project aligns with Morocco's goal to generate 52% of its energy from renewables by 2030. Nestled in the heart of the Sahara, this desert jewel is witnessing a surge of infrastructure projects in 2025 that promise to reshape its economic, social, and cultural landscape. From iconic. Under the agreement, ONEE, Nareva and GE Vernova will undertake techno-economic evaluation studies to convert the 99 megawatts (MW) Laâyoune Thermal Power Plant, currently fuelled by heavy oil fuel to hydrogen. This project, crucial for the region, will supply all of the Moroccan group's subsidiaries with green electricity while avoiding the. The Laâyoune power plant in Morocco is set to be decarbonised.



## Laayoune increased renewable energy penetration



### [Morocco's YNNA and AMEA power join forces for 100MW wind ...](#)

The two partners have formed a 50-50 joint venture to develop a 100-megawatt wind farm near Laayoune, marking a significant step in Morocco's transition toward clean energy and ...

### [Africa's first decarbonized power plant to be set up in Laayoune](#)

This hydrogen will be produced at Nareva's Laayoune wind farm, supporting Morocco's renewable capacity expansion to 52 percent by 2030. Abdel Samad Malawi, an international ...



### [ONEE, Nareva, & GE Vernova Partner for Africa's 1st Green Hydrogen](#)

The province of Laâyoune is experiencing a surge in renewable energy projects, with a burgeoning interest in hydrogen as a viable alternative to conventional fossil fuels. Morocco has set ...

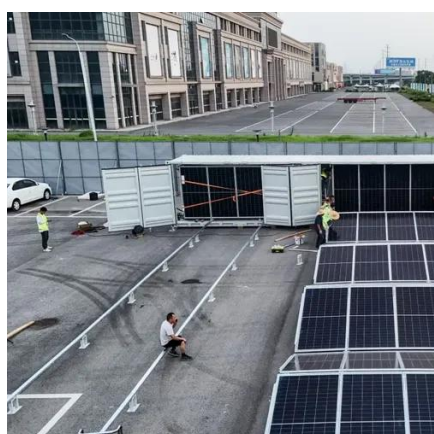
### [Morocco plans to operate Laayoune's power plant on green hydrogen](#)

Morocco seeks to make the power plant of Laayoune, the largest city in the Moroccan Sahara, operate on green hydrogen instead of heavy fuel as part of its low-carbon goals.



### [A Major Wind Energy Project Set to Launch in Laayoune Through ...](#)

By developing this wind farm, Morocco aims to increase the share of renewables in its energy mix to 52 percent by 2030--a target it has been steadily working toward through major wind ...



### [GE Vernova, ONEE, and Nareva to decarbonise Laâyoune power ...](#)

Laayoune's province is experiencing rapid development of projects focused on renewable energy, and there is growing interest in hydrogen as a viable alternative to fossil fuels.



### [Laâyoune power plant in Morocco to be decarbonised](#)

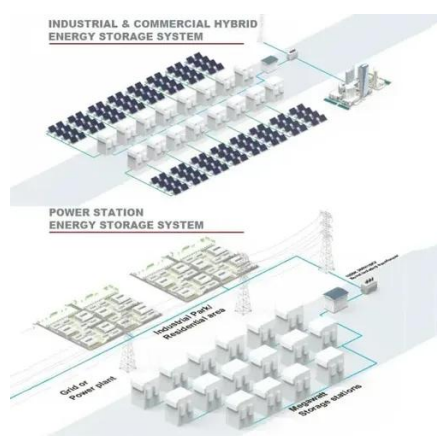
Morocco's interest in hydrogen as an alternative to fossil fuels is growing, particularly in regions like Laayoune, which are experiencing rapid development in renewable energy projects.



### [ONEE, Nareva and GE Vernova Sign MOU to Decarbonize Laayoune](#)



Laayoune's province is experiencing rapid development of projects focused on renewable energy, and there is growing interest in hydrogen as a viable alternative to fossil fuels. Morocco aims ...



### [YNNA and AMEA Power launch a strategic 100 MW wind farm in ...](#)

The joint venture, equally owned by both partners, is part of the national strategy aimed at increasing the share of renewable energies to 52% of the energy mix by 2030. Beyond its ...

### **Infrastructure Projects in Laâyoune 2025: Transforming the Desert Jewel**

Laâyoune's desert location makes it a prime candidate for renewable energy projects, particularly solar and wind. The Noor Laâyoune Solar Complex, part of Morocco's ambitious Noor ...





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