



Kingdom of Morocco

ONEE

Rising Energies, Meeting Challenges



المكتب الوطني للكهرباء و الماء الصالح للشرب

Office National de l'Electricité et de l'Eau Potable

www.one.ma



Who are we?

ONEE

The Kingdom of Morocco, under the visionary leadership of His Majesty King Mohammed VI, is implementing a dynamic and proactive policy to enhance access to electricity, drinking water and sanitation services.

Within these strategic public services, which are vital for progress, the National Utility In charge of Electricity,

Drinking Water, and Liquid Sanitation – ONEE – is not merely supporting the development of the Kingdom of Morocco but is also a key player in the Moroccan energy sector.

ONEE is the pillar of the country's energy strategy and the driving force behind the state's efforts in the water and sanitation sectors in

Morocco. Since the mid-1990s, ONEE has been actively working on multiple fronts: power generation, transmission and supply, renewables, ensuring universal access to electricity and drinking water, modernizing and expanding production, distribution, and supply networks for water resources, liquid sanitation...



Our missions

- Securing the country's supply of energy and drinking water within best cost conditions and service quality
- Management of the overall electricity demand in the Kingdom
- Diversification of sources of electricity supply within an adequate mix between different types of energy
- Integrating renewable energy generation facilities by strengthening grid infrastructures
- Contributing to the promotion of renewable energies and the preservation of environment



Our business lines

Power Generation Renewables

Power Transmission Supply Cooperation

Environment



**Tangier Wind Farm
140 MW**

Electricity consumption in Morocco is evolving at a sustained pace, reflecting a socio-economic dynamism resulting particularly from the effect induced by the strong improvement in access to basic socio-economic services.

Morocco has a diversified generation base able to meet energy demand, with an installed capacity of 12 048 MW by the end of august 2024, among which nearly 45% from Renewables.





Tafifalt PV Plant
120 MW

A MESHED TRANSMISSION NETWORK

ONEE

As a public service operator and guarantor of the good functioning of the national electricity system, ONEE operates, maintains and develops the HV/VHV grid to ensure, within best conditions of safety and cost, energy generation from various plants to consumption centers.

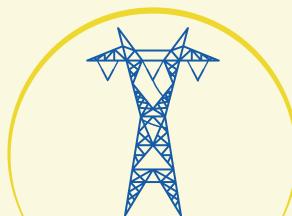
ONEE is carrying out an investment program to develop and strengthen the infrastructure of the electrical transmission network

throughout the country. Southern regions of Morocco benefit from exceptional renewable resources and large wind power projects are being developed. The transmission of this energy requires the reinforcement of the 400 kV alternating current network of the Southern region of Morocco and the increase of the transit network capacity.

As part of this reinforcement, as for the first time in Morocco and in Africa, direct

current electrical links technology will be utilized. With this new project to develop the national grid, ONEE will build a 3 GW direct current (HVDC) power link, with a length of approximately 1600 km.

In the same outline, ONEE set up a new renewable energy-dispatching center to accompany the Kingdom's ambition to place renewable energy at the heart of its energy development strategy.



More than

29 100 km



High voltage lines

The policy implemented by the Kingdom made it possible to provide widespread access to electricity, which has led to a real socio-economic dynamic through the emergence of new sectors of activity, an increase in the school enrolment rate, the development of health centers and the equipping of households.



99,88 %
Rural Electrification Rate

45 500
Villages

2 231 000
Households

12,8 million
Beneficiaries



Ait Bouguemmaz
rural village

Fully in line with the Royal vision that makes Africa a strategic priority, ONEE has built long-lasting and structured partnerships with several operators in African countries, particularly in sub-Saharan Africa.

These relationships are based on support, sharing of know-how and strengthening technical and managerial capacities.

ONEE mastery of the electricity field and the success of major projects such as rural electrification and

renewable energies have made it a reference on the continent as for its commitment in Senegal, as a rural electrification concessionaire in the regions of St-Louis and Louga, as for several other projects that reinforce this positioning.

ONEE in Africa

- Generation**
- Transmission**
- Supply**
- Rural Electrification**
- Training**
- Planning**
- Renewables**
- Commercial**

