

# Mayotte 247 energy storage

Built at the site of a former landfill, the solar plant will be capable of generating electricity to almost 1,7000 inhabitants of the island and offset 1,100 tonnes of carbon dioxide (CO<sub>2</sub>) emissions annually. Its lithium-ion battery energy storage system of 3.5 MWh will provide discharge capacity for three hours.

A bright future for energy storage. Energy storage offer a viable solution for storing intermittent energy supply in conjunction with renewable energy. Costs are falling while production is rising, and they offer hope for a future tied to clean renewable energy.

247 has proprietary technology for energy production (LNG-based) and non-chemical energy storage (no Li-Ion) and a proprietary Energy Resource Planning solution for optimal management of all your energy resources. 247 puts its focus on energy supply for ship, truck & EV charging solutions, as well as solutions for logistics, industry and grid.

Revolutionary energy storage technology. Current Lithium-Ion batteries have limitations that make it difficult and often unsafe to use in domestic applications or have a weak return-on-investment. The energy storage devices we sell are therefore based on capacitors.

Mayotte is no doubt the French overseas territory facing the most challenging energy transition. It has the highest cost of electric power generation, at nearly EUR350/MWh in 2021, and the most carbon-intensive production, with fossil fuels ...

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To manage, monitor and optimize all microgrid components (renewable energy, baseload production equipment, energy storage/batteries, grid connection). Our ERP optimizes for best KWh price, green supply or follows your strategy and adapts for changing consumption & production profiles.

247 Energy offers multi-source microgrids. A microgrid is an on-site energy system that enhances energy resilience by combining various dispersed energy technologies into a single, manageable solution. Grid parallel mode allows it to operate by extending the utility grid, and island mode allows it to run entirely independently.

Mayotte is no doubt the French overseas territory facing the most challenging energy transition. It has the highest cost of electric power generation, at nearly EUR350/MWh in 2021, and the most carbon-intensive production, with fossil fuels accounting for over 95%. And consumption is rising sharply each year.



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Web: <https://taolaba.co.za>

