

ALBIOMA : Production of renewable electricity in Non Interconnected Areas

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SOCOMECC has been selected by ALBIOMA, an electricity producer located in the French non-interconnected areas (mainly overseas territories), to provide energy storage solutions to smooth injection into the electricity network and for offer flexibility services to the grid operator.

The French Energy Transition Law has set ambitious targets for the non-interconnected areas: the energy autonomy by 2030 with a 50% Renewable Energy Sources (RES) target by 2020. To this end, the French Energy Regulatory Commission periodically launches calls for tenders to accelerate the development of RES in Non Interconnected Areas, but also to facilitate the injection of this intermittent production into the grid.

ALBIOMA is an independent renewable energy producer using photovoltaic solar and biomass. Present in mainland France, but also in overseas territories where it has been selected as part of calls for tenders from the French Energy Regulatory Commission, for several renewable production projects in Non Interconnected Areas.



The energy storage systems supplied by SOCOMECC to ALBIOMA are installed alongside photovoltaic installations. They aim to smooth the production of renewable electricity injected into the grid. Every day, based on production forecasts, ALBIOMA commits to the network operator on a plan to inject the electricity produced for the next day. The role of the storage systems is to guarantee this production plan in a range of plus or minus 5%, otherwise ALBIOMA will be penalized on the purchase price of electricity. They can also allow ALBIOMA to benefit from increased remuneration during peak periods, by guaranteeing a power of at least 20% of the peak power of the photovoltaic installation over a period of two hours.

SOCOMECC has provided ALBIOMA with

- 8 Energy storage systems integrated in 10-foot containers installed on the islands of Reunion, Guadeloupe and Mayotte
- 1 Energy storage system integrated in a 40-foot container installed in Mayotte.

SOCOMECC: When energy matters

Founded in 1922, SOCOMECC is an independent, industrial group with a workforce of 3600 people spread over 28 subsidiaries in the world. Our core business – the availability, control and safety of low voltage electrical networks with increased focus on our customers' power performance. In 2018, SOCOMECC posted a turnover of 537M€*.



POWER SWITCHING



POWER MONITORING



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ENERGY STORAGE



EXPERT SERVICES

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*Estimated 2018