

## Entech brings Haiti's largest hybrid power plant into service

- Supplying electricity to 1,600 homes
- Ensuring continuity for supplies within a 30 km radius
- Operational success for Entech's first order from the United Nations (UNOPS)

**Quimper, 11 May 2022** – Entech (FR0014004362 - ALESE), the technology company specialised in smart renewable energy storage and management, is announcing that it has commissioned a 500 kW hybrid plant, incorporating storage, PV power and generator solutions, in the Coteaux region, in southwest Haiti.



Martin Arevalo, Representative / Acting Director of the UNOPS Project Support Office in Haiti: “We oversaw this project’s implementation and we are delighted with this first collaboration with Entech. The equipment used to convert the plant to renewables is working in line with the objectives and specifications set, and the teams showed a strong level of dedication and commitment on the ground, helping ensure the success of this mission. Thanks to this collaboration, in this region in southern Haiti, 1,600 homes now have permanent access to cleaner electricity, at a cost that is adapted to their means”.

The existing thermal power plant had been seriously damaged by Hurricane Matthew in 2016. At the time, it was a combined solar-diesel plant. More recently, the region was hit by a devastating earthquake, which affected the infrastructures in place.

This plant, commissioned by the UNOPS for the Coteaux area electricity cooperative (CEAC), will make it possible to manage power generation automatically, while optimising the integration of solar power.

## PRESS RELEASE

The system installed is based on a series of lithium batteries with a storage capacity of 680 kWh, a 500 kVA high voltage / low voltage transformer, a synchronisation module and an automated monitoring and management system. It incorporates the facilities that were already present, with two 400 kVA and 150 kVA diesel generators, as well as a 150 kWp solar farm.

It will supply electricity to several towns located within 30 km of the plant. It will also make it possible to optimise the use of the generators already present. Thanks to these facilities, the level of diesel consumption has been virtually halved. This is enabling the cooperative to cover the financial losses linked to higher diesel prices, while preventing any increase in the price per kWh sold to local communities.

The storage system installed will enable the cooperative to increase the plant's percentage of solar power and therefore reduce its diesel consumption levels.

Entech has trained the CEAC's technical teams so that they are fully independent. Today, the plant is operated independently by the CEAC.

## About Entech

Faced with the technological challenges posed by the strong growth of new energies within the energy mix, Entech enables the massive integration of renewable energies and access to energy thanks to storage and electrical conversion solutions controlled by intelligent software systems.

Builder of the new energies, Entech develops, builds and operates production plants and storage systems - batteries or hydrogen - on-grid or off-grid. Founded in Quimper in 2016, Entech has already completed more than 250 projects worldwide and employed 78 people by the end of 2021.

Selected in 2021 by "La French Tech" in its Green20 programme and recognised by numerous awards for its capacity to innovate in supporting the energy transition, Entech is committed to acting on a daily basis as a responsible company, not only from an environmental point of view but also from a social and societal one. For more information: <https://entech-se.com/>

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