



# Lamentin Hybrid Solar Power Plant

## Island of Martinica

TotalEnergies offers solar power plants, with or without storage batteries, for electricity production.

The Lamentin solar power plant, located on the island of Martinica, is a ground-mounted solar power plant coupled with storage batteries, whose electricity production is injected into the Martinique electricity grid. It is in the bay of Fort-de-France, near the town of Lamentin, on the Dome of the landfill of “the trompeuse”, which is a former technical landfill for non-hazardous waste. It delivers a power of 4 MWp for an annual production of 7.3 GWh. Commissioned in May 2019, this plant aims to operate for 25 years, with the expectation that the site will be rehabilitated at the end of its operation to its original state.

### The TotalEnergies Ecosolutions Advantage

The hybrid solar power plant will increase the share of renewable energy in Martinica's electricity production mix. This one is based on 93% of fossil fuels (in 2016). The renewable electricity produced therefore replaces a share of electricity production that is heavily dependent on fossil fuels (mainly fuel oil). The Lamentin solar power plant is located on a former non-hazardous waste dump. It not only adds value to a non fertile and unbuildable land, but also avoids imports of fossil fuels which make up the majority of the island's current electricity production mix.

### The Environmental Performance

Compared to the reference scenario, the energy mix of Martinica in 2016 without the hybrid plant :



**93 %** of emission reduction in CO<sub>2</sub>eq.

### EXTERNAL VERIFICATION

Independent auditor EY has verified that this product was labeled according to the method described in the Total Ecosolutions Guidelines and that the guidelines comply with the principles set out in the ISO 14020 and 14021 standards which govern environmental claims and particularly their accuracy.

- **Label award date:** March 2020 *Guidelines Version 7*
- **Label Term:** December 2024
- **Geographical Scope:** Island of Martinica

*Leveraging innovation to serve continuous improvement, the label Ecosolutions by TotalEnergies involves developing products, services and solutions that enable our customers to improve their environmental footprint.*

*For any question or to learn more about the Ecosolutions program and the labeled products and services, go to: <https://ecosolutions.totalenergies.com/fr>*