

Solar pulse Guadeloupe

How does Albioma contribute to the Energy Autonomy of Guadeloupe?

Since 1998, Albioma has contributed to the energy autonomy of Guadeloupe, a territory not connected to mainland networks, by producing electricity from local biomass and photovoltaic energy. In Guadeloupe, Albioma operates the Le Moule thermal biomass power plant, which supplies 22% of the electricity available on the grid.

Is Guadeloupe a renewable country?

Guadeloupe has a large portfolio of renewable generating capacity, with 112.8 MW installed as of 2013. It also has a diverse portfolio, both in terms of generation types and facility ownership.

Does Guadeloupe rely on imported fuels?

Nevertheless, Guadeloupe's reliance on imported fossil fuels--more than half of the island's electricity is generated from imported petroleum-based fuels--leaves it vulnerable to significant disruptions in shipping or the availability of import facilities.

Ensure non-disruptive, coordinated, and managed development of solar photovoltaics that achieves a balance between sub-sectors of renewable energy and across Guadeloupe; Manage the development of the sector by selecting the solar photovoltaic projects that are the most beneficial for Guadeloupe

In Guadeloupe, more than 13,000 m² of solar panels have been placed on the rooftops of the Destreland shopping centre and Carrefour Grand Camp. A fifth installation of around 2,300 m² on the roof of Mr Bricolage Abymes will be in operation by the end of 2019.

1400 heures environ d'ensoleillement annuel en Guadeloupe constituent un atout majeur pour la production solaire. Les installations photovoltaïques connectées au réseau sont disséminées sur tout l'archipel mais de façon hétérogène. En effet, 64% de puissance installée est concentrée sur 4 communes de l'île : Baie-Mahault, Petit ...

Guadeloupe U.S. Department of Energy Energy Snapshot Installed Capacity 556 MW RE Installed Capacity Share 22% Peak Demand (2018) 247 MW Total Generation (2018) 1,704 GWh Transmission and Distribution Losses 13.9% ... Solar PV 6% Geothermal 3% Wind Bagasse 2% Hydropower 1% Biogas. Government Institution for Energy

The PV plant with Lithium-ion battery storage is located within the grounds of a non-hazardous waste storage facility in the commune of Sainte-Rose on the island of Basse-Terre in the Guadeloupe archipelago. The newly commissioned installation will produce some 4.5 GWh of power a year, an equivalent to the annual demand of around 1,800 families.

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Growth Potential of Solar Photovoltaics in Guadeloupe The PPE's Objectives for Solar Photovoltaics The regional government's solar photovoltaics policies have several objectives: Ensure non-disruptive, coordinated, and managed development of solar photovoltaics that achieves a balance between sub-sectors [...]

Prioritize rooftop solar panels; Limit land use by ground-mounted solar panels; Increase transparency of conditions for connecting to the electricity grid and for ground-mounted solar photovoltaic projects in Guadeloupe; Based on this guidance, a specific framework was created in Guadeloupe that included:

Guadeloupe This profile provides a snapshot of the energy landscape of Guadeloupe, an overseas region of France located in the eastern Caribbean Sea. Guadeloupe's utility rates are approximately \$0.18 U.S. dollars (USD) per kilowatt-hour (kWh), below the Caribbean regional average of \$0.33 USD/kWh. These low rates are

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