# Suriname ground mounted pv

There are several ways to place and install your solar power systems. Among the methods of installing solar panel systems, the ground mount system is the most common one. In today"s article, we will explain what a ground mount system is, its cost, benefits, and other important things you should know about it. What is a Solar Ground Mount System?

GreenIPP uses her knowledge about solar energy and financing and will focus on the ground mounted solar pv system of 10 MWp. The solar PV system is the first step towards bioLNG plantations. The second step is rice husk gasification.

The most common product being manufactured by solar companies are the solar photovoltaic (PV) panels, which are made with several subcomponents such as solar wafers, cells, glass, back sheets, and frames.

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The major renewable energy system in Suriname is the Afobakka hydro dam which is owned by Alcoa (Suralco) with a capacity of 189 MW, which covers also 35% of the electricity supply of the EPAR. There are several ground-mounted and rooftop PV systems in the urban areas and interior of Suriname.

The performance of a grid-connected photovoltaic (PV) system, under the Surinamese weather conditions, is monitored and reported. A measurement and data-logging system provides inputs for the calculation of selected standard key performance indicators (KPI).

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