

Together, the two facilities possess a combined capacity of 10 MW, generating sufficient energy to cover the annual electricity needs of close to 3,600 homes in French Guiana. In French Guiana, EDF now has eight solar facilities in service, including three that are equipped with battery storage systems.

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CEOG is an innovative multi-megawatt power plant designed to produce reliable and clean electricity. CEOG will provide cheaper and firm power all year long, day and night, to 10 000 homes in Western Guiana. Combining a photovoltaic plant and mass storage of energy in the form of hydrogen, CEOG is the alternative to a classic diesel power plant.

Find solar panel locations in French Guiana through our French Guiana solar farm map. Analyze the main characteristics of solar farms in this country, sort these by capacity, panels area and landscape area. Discover the largest solar farms in French Guiana and find solar farms near you.

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French Guiana is an overseas department of France, located on the northeast coast of South America. The Sable Blanc BESS will timeshift the solar PV to the evening once production tails off under a 20-year tariff agreement and will replace diesel generator capacity.

Voltalia is the sole winner of the fifth period of the CRE 4 tender for non-interconnected areas for ground-based solar power plants in French Guiana. The project, called "Parc Sable Blanc", combines a five-megawatt photovoltaic power plant with a lithium-ion battery storage facility with a capacity of 5 megawatts and of 9.3 megawatt-hours.



## French Guiana solar homes panel

HDF Energy's Renewable solution combines a 55 MW solar farm with what the company says is the world's largest renewable energy storage solution, to provide a ground-breaking 140 MWh capacity, based on hydrogen for use in a fuel cell system.

In French Guiana, a region with high annual sunshine hours, the Group operates two photovoltaic power plants, Matoury and Kourou, located in areas free from conflicts of use. The larger of the two - and indeed the largest anywhere in Overseas France - is located in Kourou.

The installation will also bring EDF closer to its Solar Plan's objectives of making it one of France's leading players of solar energy with a 30% market share by 2035. The Toucan 2 photovoltaic power plant, which is located in the French Guiana municipality of Montsin#233;ry-Tonn#233;grande, boasts abundant solar irradiation at the near-5-hectare site.



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