

Madagascar s GW-scale solar energy





Overview

Does Madagascar have solar power?

Photo: World Bank With only a 15% connection rate, Madagascar faces a chronic lack of access to electricity, which hampers its economic and social development. However, there is tremendous potential in terms of solar power, estimated at 2,000 kWh/m²/year as a result of the 2,800 hours of annual sunlight the country enjoys.

How much electricity does Madagascar have?

A Crucial Resource for Economic and Social Development In Madagascar, only 15% of the population has access to electricity. In 2017, the country had just 570 MW of mainly thermal (60%) and hydroelectric (40%) installed production capacity. Furthermore, only 60% of this energy is truly available owing to poor maintenance of power plants.

What is Scaling Solar in Malagasy?

Through the Scaling Solar initiative, in March 2016, IFC signed an agreement with the Malagasy Government to construct a plant of approximately 25 MW, connected to the Antananarivo network, through a transparent international competitive bidding process.

Is Madagascar a good place to invest in solar energy?

Betting on Solar Energy With all regions of Madagascar enjoying over 2,800 hours of sunlight per year, the Grande Île is the perfect location for development of solar power, with a potential capacity of 2,000 kWh/m²/year.



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