

## Praia solar energy policy

This paper aims to contribute to the energy policy in Brazil to deploy solar energy by exploring its potential, taking into account the characteristics of the country's power system, the existing resources and the expectations for the evolution of solar technologies.

Energy saving/energy efficiency: Although a regional policy and several energy efficiency initiatives and programmes have been put in place, the importance given to energy efficiency and its impact is still low in the ECOWAS region.

The objective of the program was to generate energy and income, helping the development of solar technology in the distributed modality in Brazil and by the same token reduce poverty. In 2014, 9156 photovoltaics (PV) panels of 230 W were installed on the rooftops of popular residences and 6 micro-wind turbines of 5kWp in the common area,

IRENA promotes the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy, in the pursuit of sustainable development, energy access, energy security and low-carbon economic growth and prosperity.

The PV supply chain is the renewable source that generates most jobs in the world (REN21 2018) and Schmidt et al. reported a optimum percentage of up to 37% for the penetration of PV energy in the national electricity matrix, due to the exceptional complementarity between already installed capacity of hydro and wind energy with solar potentials ...

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This work was supported by Coordination of Improvement of Higher Education Personnel in Brazil (CAPES)(Grant No. 88881.189627/2018-01).

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Received: 24 September 2019

Accepted: 01 July 2020

Published: 07 July 2020



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