

Photovoltaic pv systems benin

Description: With an electrification rate of around 30%, the Beninese government has decided to bet on renewable energies and particularly photovoltaic solar energy, to solve its problem of energy deficiency. The many measures taken, in particular the exemption from import taxes and VAT on the sale of solar equipments, have made it possible to considerably reduce the costs of solar installations and restore purchasing power to the populations.

In this brief from Innogence Consulting in collaboration with the Beninese energy company ARESS, is presented an evolution of the costs of solar installations in Benin, the incentives taken by the local authorities and recommendations to boost a strategic sector of the economy of the country and the continent.

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ADJALLA Dieudonné K. Socié Bénénoise d'Energie Electrique (SBEE), Department of Development of Renewable Energies (SDER / SBEE), 92, Av. Jean Paul II 01 BP 123, Benin.

Compere, R., Etude de faisabilité d'une centrale photovoltaïque de 30 MW à Sirarou, commune de N'Dali, département de Borgou, pour réduire le déficit énergétique de la Communauté Electrique du Bénin (CEB). 2012, Ecole Polytechnique d'Abomey-Calavi (EPAC). In French

Luc, A.D., Production of 60 MVA to be injected on the electricity grid of the city of Natitingou to fill the energy deficit in Benin by means of a photovoltaic plant. Ecole Polytechnique d'Abomey-Calavi (EPAC) 2015.

H. Colin (CEA-INES), et al. Connexion des installations photovoltaïques au réseau public de distribution électrique à basse tension: Cadre réglementaire, impacts et préconisations. 2010. p. 64 French

Toussaint Tilado Guingane, Zacharie Koalaga, Cedric Beogo, Eric Simonguy, Nogma Ouyi, Dominique Bonkougou et François Zougmore. Impact De La Penetration Du Photovoltaïque Sur Le Réseau Electrique. Am. J. innov. res. appl. sci. 2017; 5(6): 397-404 French

Shabaniverki, M., Design and Analyze of 20 MW Photovoltaic Solar Power Plant in Iran, in 2nd International Conference and Exhibition on Solar Energy (ICESE) 2015. August 2015: Tehran, Iran.



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