

POWER AFRICA IN GUINEA



Guinea Energy Sector Overview

As the source of 12 major rivers, Guinea is endowed with significant hydropower potential. Since commissioning the 240 megawatt (MW) Kaleta hydropower plant in May 2015, total power production has roughly doubled and can now finally meet demand. The national grid, managed by Electricité de Guinée (EDG), serves greater Conakry, with several isolated grid networks providing service elsewhere. Based on 2013 data, Guinea's national electrification rate is approximately 26 percent (11 percent in rural areas, 53 percent in urban areas). Despite strong resource potential and long-term opportunities to export low-cost electricity throughout West Africa, Guinea's power sector faces significant challenges including dilapidated infrastructure, high technical and commercial losses, and poor overall financial performance. Guinea is taking steps to improve the energy market, with EDG having recently entered into a management contract with Veolia to improve operational performance, funded by the World Bank.

Guinea
Electricity Profile

26%
Access to
electricity

11%
Rural access
to electricity

566MW
Current installed
generation capacity

.01-.04¢
Residential
tariff rate

Power Africa Support

Power Africa is supporting Guinea's power sector in coordination with the Tony Blair Africa Governance Initiative (AGI), the World Bank, and other development partners. Power Africa's work includes support to improve energy access through a USAID Global Development Alliance focused on Ebola Response, Recovery and Resilience in West Africa. Expanding electricity access will directly assist countries like Guinea, Liberia and Sierra Leone as they continue to recover from the Ebola epidemic's post-disaster impacts and build more resilient energy, educational and health care systems. For more information see: <http://www.usaid.gov/ebola/gda>

About Power Africa

Power Africa is a multi-partner initiative launched by President Obama in 2013. Power Africa's goals are to increase electricity access in sub-Saharan Africa by adding more than 30,000 megawatts of cleaner, more efficient electricity generation capacity and 60 million new home and business connections.

Power Africa works with African governments and private sector partners to remove barriers that impede sustainable energy development in sub-Saharan Africa and to unlock the substantial wind, solar, hydropower, natural gas, biomass, and geothermal resources on the continent.

Mobilizing Partnerships & Investments

Power Africa draws on the combined expertise and abilities of 12 U.S. Government agencies, the World Bank Group, the African Development Bank, the Government of Sweden, the Government of Norway, the Government of Canada, the Government of Japan, the UK Department for International Development, the International Renewable Energy Agency, African governments, and private sector partners. Power Africa’s “Toolbox” approach offers a range of resources to advance key projects on the electricity grid and, through the *Beyond the Grid* sub-initiative, in places where the national grid doesn’t reach.

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