



Rwanda

Population: **11.92 million**
GDP Growth: **2.4%**
GDP/Cap (PPP): **\$743**
Ease of Doing Business: **41**

"I am excited about the progress we have made over the past couple of years and the potential for further US investment and engagement through Power Africa initiative to help Rwanda meet its energy targets."

- U.S. Ambassador Erica Barks-Ruggles

ENERGY SECTOR OVERVIEW

The Government of Rwanda envisions transitioning from a developing country to a middle-income country. To achieve this goal, the government is targeting 100% electricity access by 2024. Rwanda is endowed with natural resources, including hydro, solar, and methane gas. It currently only has 209 MW of installed generation capacity. Based on Government data, Rwanda's national electrification rate has reached 41% (11% off-grid, 30% on-grid). Over seven million people still lack access to electricity.



GENERATION CAPACITY

Installed Capacity: 209 MW

- Hydroelectric: 110 MW
- Thermal: 98 MW

Power Africa New MW to date

- Reached Financial Close: 127 MW

Power Africa 2030 Pipeline: 200 MW



CONNECTIONS

Current Access Rate: 41%

- Rural: 9% Urban: 72%

People without Power: 8 million

- Target: Universal access by 2024 (52% on-grid, 48% off-grid)

PA New Off-Grid Connections: 210,670

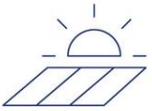
INVESTMENT AND ENABLING ENVIRONMENT

Biggest Issues and Bottlenecks

1. Long-term misalignment of power supply and demand
2. Grid condition prevents efficient utilization of power
3. Limited financing for off-grid companies

Power Africa Interventions

1. Support in on and off-grid energy policy development and implementation
2. Transaction advisory services
3. Technical assistance and capacity building for energy sector institutions
4. Financing mobilization



POWER AFRICA'S ENGAGEMENT IN RWANDA

MW GENERATION

Through the U.S. Trade and Development Agency (USTDA), the Overseas Private Investment Corporation (OPIC), and the Africa Clean Energy Finance Initiative (ACEF), Power Africa has supported feasibility studies for micro-hydro projects. In addition, various firms have received U.S. Embassy support to move transactions forward. Through USAID, Power Africa is working to strengthen the capacity of the Rwanda Utility Regulatory Agency (RURA) to effectively regulate the energy sector.



CONNECTIONS

Power Africa supports the utility in streamlining processes in transmission project procurement and execution to ensure achievement of project milestones and strengthen operational capacity of the system. These efforts will boost transmission capacity, enable regional trade/power pools, and improve capacity of utility to procure and manage contracts.

Along with other donors, Power Africa has advised the government on the design and implementation of its off-grid strategy. It is contributing to a multi-donor program to accelerate access to electricity for bottom of the pyramid households and to track growth of the off-grid solar market through an innovative database and verification mechanism. It is mobilizing off-grid finance through USAID's Development Credit Authority and technical assistance to local financial institutions and USADF has provided grant funding to two women-owned Rwandan off-grid businesses.

ABOUT POWER AFRICA

Power Africa is comprised of 12 U.S. Government Agencies, over 140 private companies, and 16 bilateral and multilateral development partners to support sub-Saharan governments by working together to increase the numbers of people with access to power. Power Africa's goal is to achieve 30,000 MW of new generated power and 60 million new connection by 2030 to reach 300 million Africans.

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