

Power Africa & Off-Grid Energy in Rwanda

Claire Nelson
Rwanda Power Africa Lead

June 27, 2017



Power Africa's Goals



OUR GOAL

To enable electricity access by adding



60 MILLION

new electricity connections



30,000 MEGAWATTS

of new and cleaner power generation

Power Africa's Model



Our partnerships provide the resources to help us achieve our collective goals to electrify the continent.

Power Africa's model focuses on practical solutions:

- Deep knowledge of the power sector
- A private-sector-led engagement approach
- Experience working with governments, development partners and civil society to improve policies and governance

Power Africa's work *Beyond the Grid*

- Beyond the Grid (BTG) launched in June 2014.
- 60+ investor and practitioner partners committed to invest over \$1 billion into off-grid and small-scale solutions.
- Focus on unlocking investment and stimulating growth for off-grid and small-scale energy solutions.
- Achievements: 10.6 million homes and businesses connected to electricity.



Our strategic off-grid priorities



- Addressing recurring market constraints in the household and community-level off-grid energy markets (solar home systems, micro-grids) by increasing access to financing and providing technical assistance.
- Ensuring a supportive enabling environment critical for private sector success by assisting the policy and regulatory design and implementation process.

Power Africa's role in Rwanda's off-grid sector

Supporting the Government of Rwanda in achieving its goal of universal electricity access by 2020 through:

- Technical assistance to the Government (the Ministry of Infrastructure, the utility and the regulator) and private sector partners:
 - Design and implementation of off-grid policies and regulations, e.g. Rural Electrification Strategy
 - Market intelligence and advice on improving operations and navigating the policy framework
- Increased access to finance:
 - Reduced risk for local commercial banks lending to off-grid and small-scale energy sector
 - Introductions to investors and donors and review of funding applications