



USTDA
U.S. TRADE AND DEVELOPMENT AGENCY

Supporting Infrastructure Development Projects in Kenya

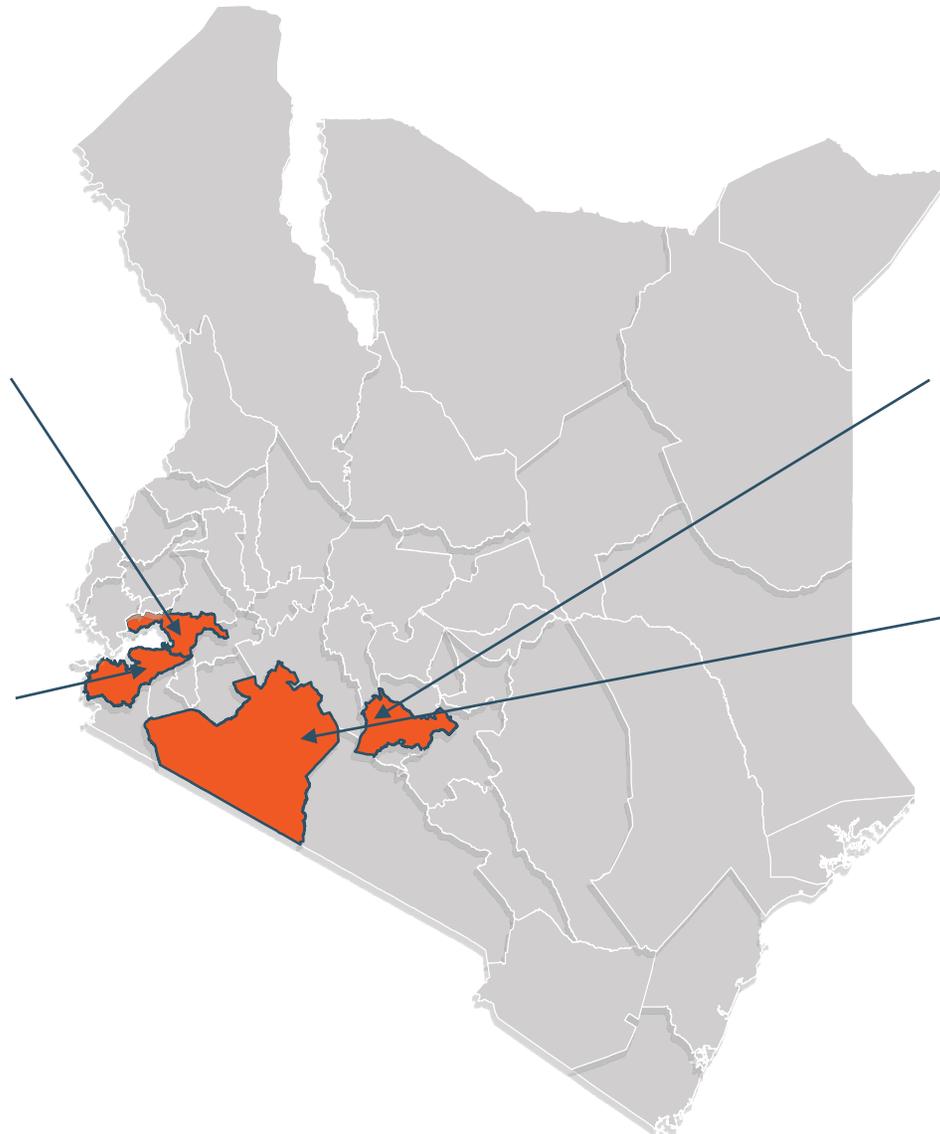
The U.S. Trade and Development Agency supports project preparation activities throughout Kenya in the clean energy, telecommunications, and transportation sectors. USTDA's portfolio in Kenya includes **almost 30 projects** and **over \$13 million** in investments that could leverage **over \$600 million** in public and private financing.

National Network Energy Storage Study

USTDA funded a study to help Xago Africa Limited implement the Siaya Solar Power Plant, which would include Kenya's first large-scale solar energy storage system. As Kenya looks to integrate oncoming renewable energy generation, the study will assess the demand for and potential implementation of additional energy storage systems that can increase the efficiency and stability of the national grid.

1.5 Megawatt Solar Minigrig Project

As a result of a USTDA-funded study for Renewable World East Africa, Renewvia Energy Corporation, an Atlanta-based small business, has begun construction on three mini-grid systems in Homa Bay and Siaya Counties. Two of the microgrid facilities have been completed as the first safe-source energy available to nearly 10,000 local residents and businesses. Renewvia has more than tripled its Atlanta workforce with plans to grow this year and to pursue other projects across Africa.



Seven Forks 40 Megawatt Solar Power Plant Project

USTDA funded a feasibility study for the Kenya Electricity Generating Company to develop a solar photovoltaic power plant in Gitaru. This project will increase installed renewable energy generation capacity by 40 megawatts and help electrify households and businesses across Kenya.

Geothermal Topping Units In support of the Kenya Electricity Generating Company, USTDA is co-funding a pilot project to demonstrate an innovative technology from U.S. firm Langson Energy (Nevada) that would allow additional power generation from waste energy at the Olkaria geothermal wellfields. Once implemented, this project will provide electricity to an estimated 27,600 households and businesses.