



**USTDA**  
U.S. TRADE AND DEVELOPMENT AGENCY

# Connecting U.S. Solutions to Infrastructure Projects in South Africa

The U.S. Trade and Development Agency supports infrastructure activities across South Africa in the clean energy, oil and gas, telecommunications, and transportation sectors. USTDA's portfolio in South Africa includes **over 90 projects** and more than **\$29 million** in investments that could leverage **over \$16 billion** in public and private financing.

## Integrated LNG Importation and Gas-to-Power Project

USTDA is funding a feasibility study that will provide the Green Cape Sector Development Agency with a business model for using imported liquified natural gas (LNG) to generate electricity in the Western Cape Province.

## City of Cape Town ICT Investment Analysis

USTDA is supporting the City of Cape Town's development of a master plan to improve the efficiency and quality of municipal services through digitally integrated infrastructure, including intelligent transportation systems, safety and security, and digital literacy, in partnership with U.S. consulting firm Global Resources (Irvine, CA).

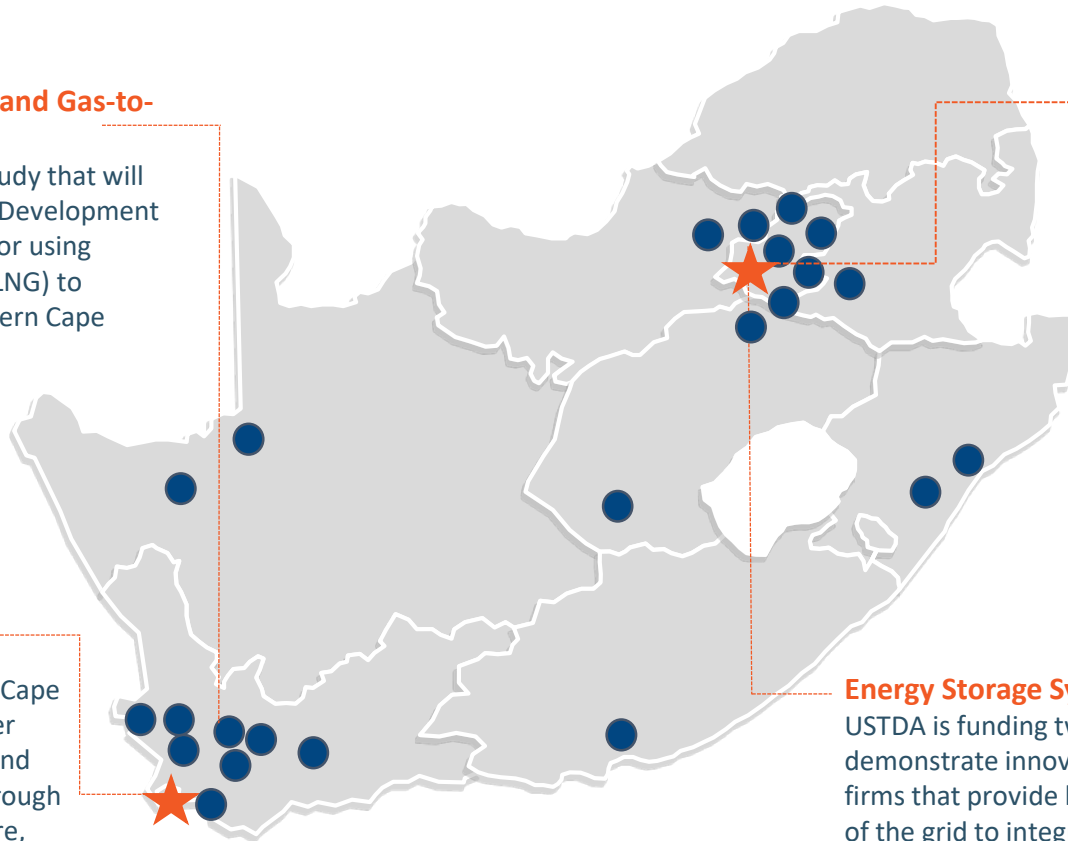
## Kelvin Power Station Gas-to-Power Project

USTDA is funding a feasibility study for NOVO Energy on the development of a combined-cycle gas power plant that would produce up to 450 megawatts and support related natural gas infrastructure at the existing Kelvin Power Station near Johannesburg. EHS Support (Pittsburgh, PA) is conducting the feasibility study.

## Energy Storage System Pilots

USTDA is funding two pilot projects in South Africa that demonstrate innovative energy storage systems from U.S. firms that provide backup power and increase the capacity of the grid to integrate renewable energy sources.

- Primus Power (Hayward, CA) is demonstrating its EnergyPod2® technology for Solafrica Energy
- UniEnergy Technologies (Mukilteo, WA) will demonstrate its vanadium redox flow battery technology for Bushveld Energy Company



● Location of recent USTDA-supported activities