

HETA IN ESWATINI

HEALTH ELECTRIFICATION AND TELECOMMUNICATIONS ALLIANCE

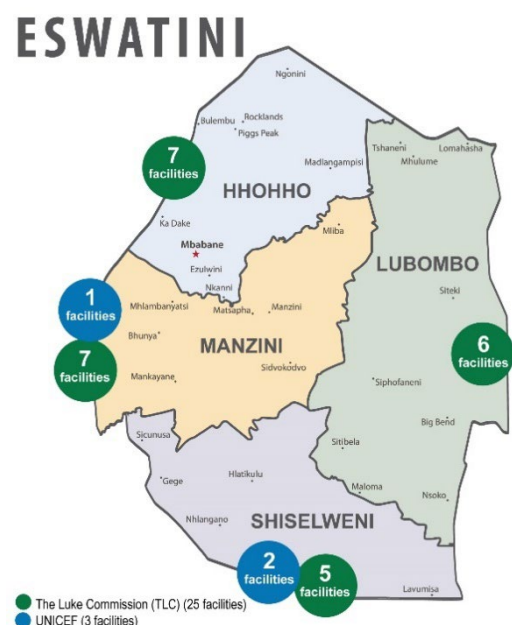
HETA is Power Africa’s flagship initiative to expand energy access and digital connectivity for health facilities across sub-Saharan Africa. In Eswatini, most health facilities are connected to the power grid, but frequent outages present a challenge for reliable energy access and digital connectivity. HETA’s partners are building on previous investments to expand reliability so health facilities can provide consistent, high-quality care for families and communities.

Access to reliable energy and digital connectivity is a primary challenge to achieving the priorities outlined in the Government of the Kingdom Eswatini’s National Health Sector Strategic Plan. To meet the need for sufficient and reliable power for high-quality health service delivery, including sustainable funding and capacity for long-term operations and maintenance (O&M), many health facilities require a complete power solution to run essential equipment and deliver critical services for improved health outcomes.

HETA, led by Abt Associates, represents the next phase of investment and cross-sector collaboration to strengthen the health system. Our work builds on investments to install solar photovoltaic (PV) systems with battery storage, install electricity usage data loggers, and strengthening the capacity of communities and local service providers to support sustainable O&M.

HETA’S SOLUTION

- **Deliver integrated energy and digital connectivity solutions.** HETA is partnering with UNICEF to provide solar PV with battery storage for 3 clinics (of 10 total).
- **Strengthen coordination and partnerships with public and private sector stakeholders.** HETA is partnering with The Luke Commission to install 25 electricity usage data loggers in a sample of health facilities to deepen understanding of energy challenges and provide data for decision-making and further investment in health infrastructure.
- **Implement a sustainability model to ensure long-term O&M of electricity connectivity at HETA-supported health facilities.** This includes establishing or strengthening the capacity of communities and local service providers to establish and support O&M systems. HETA will



TOGETHER, WE ARE POWERING AND CONNECTING HEALTH IN ESWATINI.

work with system installers to ensure health facility staff receive training on topics such as safety, and use.

- **Support economic empowerment.** Using a community off-take model, the solar PV system is oversized (providing more power than the facility needs) so that the surplus energy can be sold to the surrounding community. This generates revenue that flows into a facility-managed O&M fund.
- **Mobilize resources** to support program expansion.

HETA'S PARTNERS IN ESWATINI

Power Africa and USAID Southern Africa provide funding to support HETA's work, convene essential partners and stakeholders, and catalyze leverage contributions to extend the alliance's reach and impact. The following are HETA's implementing partners in Eswatini:

- **Abt Associates:** Prime and lead integrator for HETA, also providing program oversight and health system strengthening expertise in Eswatini.
- **bechtel.org (Bechtel's social enterprise):** HETA founding partner and electrification technical advisors in all HETA country programs.
- **RESOLVE:** HETA founding partner providing technical advisory support on sustainability models.
- **The Luke Commission:** Supporting 25 facilities to deploy containerized solar smart hubs and battery storage, and installing electricity usage data loggers to deepen the understanding of energy challenges and provide data for decision-making.
- **UNICEF:** Providing solar PV with battery storage for three health facilities (of 10 total UNICEF-supported facilities).

Other private sector leverage partners provide essential co-funding, digital connectivity solutions integrated with health facility electrification, and women-led, community-based business models for sustainable O&M.

HETA's work supports health facility electrification and digital connectivity as essential infrastructure for a strong health system. We are proud to work with the Ministry of Health, Ministry of Natural Resources and Energy, and other partners in achieving Eswatini's health, energy, and economic empowerment goals.

FOR MORE INFORMATION

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Power Africa is a U.S. Government-led partnership that convenes the collective resources of the private sector, international development organizations, and governments to increase energy access and end energy poverty in sub-Saharan Africa. **HETA** is a USAID Global Development Alliance and Power Africa's flagship initiative to accelerate health facility electrification and digital connectivity in the region. Abt Associates leads HETA (Cooperative Agreement 72067422CA00003) with founding partners RESOLVE, bechtel.org, and Orange. Together, we are forging a vibrant partnership network to conceptualize, customize, and co-fund sustainable energy and connectivity solutions for stronger, greener, and more resilient health systems across sub-Saharan Africa.

