

## SolarTech Power Solutions

# Rwanda s backup power storage policy



## Overview

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What is the energy pathway for Rwanda?

Power Shift Africa and the University of Technology Sydney (UTS) developed a comprehensive energy pathway for Rwanda that is aligned with the Paris Climate Agreement goals and builds on Rwanda's Energy Policy 2015 plan. The following section provides an overview about the key results of the energy scenario.

Who are the energy sub-sectors in Rwanda?

The various energy sub-sectors include the following: Power Shift Africa and the University of Technology Sydney (UTS) developed a comprehensive energy pathway for Rwanda that is aligned with the Paris Climate Agreement goals and builds on Rwanda's Energy Policy 2015 plan.

How can Rwanda increase its energy access rate?

Rwanda must build up and expand its power generation system to increase the energy access rate to 100%. Building new power plants – no matter the technology – will require new infrastructure (including power grids), spatial planning, a stable policy framework, and access to finance.

Does Rwanda have a biomass policy?

The report states: The government of Rwanda has developed several policies, including the national forest policy, Rwandan energy policy, and the Rwanda biomass strategy among others, to reduce the biomass fuel from 79.9% for households in 2017 to 42% by 2024, and establish a clear pathway to clean and modern energy cooking.

What are the major issues affecting the energy sector in Rwanda?

Broad issues of the energy sector in Rwanda include the following: Inadequate co-ordination and information sharing between/or among the various projects, government bodies, the private sector and civil society organisations. Lack of

investment. Inadequate energy planning information system (energy supply and demand analysis).

Will energy demand grow in Rwanda?

As a result of the projected continued annual GDP growth of 7.8% on average until 2025 and 4.5% thereafter until 2050, the overall energy demand is expected to grow under both scenarios (Figure 17). The residential sector will remain dominant in Rwanda's energy demand, but the energy demand of the industry sector will increase constantly.

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