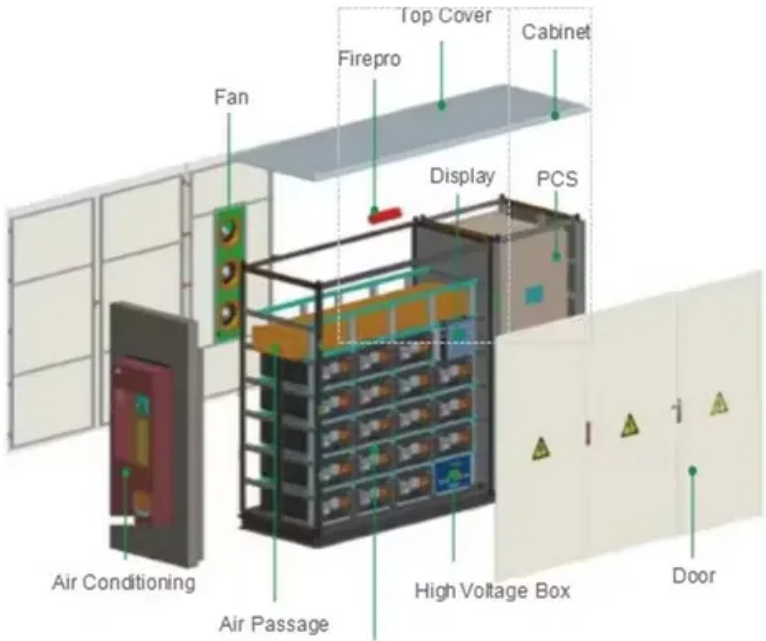


# Electricity consumption kigali



## Overview

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This paper examines consumption trends and patterns among households connected to the grid from 2013 to 2019, leveraging a unique dataset of prepaid electricity purchases provided by the national utility. Data on electricity consumption is crucial for assessing and modeling energy systems, making it a key element of sustainable urban planning. However, many countries in the Global South struggle with a shortage of statistically valid, geocoded, and disaggregated household-level data. This paper aims . Access to improved drinking water sources increased nationally from 87% in 2016/17 to 90% in 2023/24, with higher rates in urban areas (97%) than rural areas (87%). The chart has 1 Y axis displaying values. Our analysis seeks to answer two pivotal questions: One, how have electricity consumption . The Electricity End-User tariff has been revised Pursuant to law No 09/2013 of 01/03/2013 establishing Rwanda Utilities Regulatory Authority (RURA); and is effective as of 1 October 2025.

## Electricity consumption kigali

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### Bottom-up assessment of household electricity

To gain a better understanding of different household electricity consumption patterns related to the standard of living and the socio-economic status of the residents in Kigali, a spatial dataset on

### Tariffs

Electricity tariff, as approved by the RURA Board of Directors, in its decision No 05/BD/ER-LER/RURA/2016 are as follows



### Electric power consumption (kWh per capita)

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### Bottom-up assessment of household electricity consumption in

Bottom-up assessment of household electricity consumption in dynamic cities of the Global South-Evidence from Kigali, Rwanda} Year of Publication : 2023 Author:



### Rwanda's Path to Universal Electricity Access: Consumption

The electricity consumption of Kigali residents is



## Bottom-up assessment of household electricity consumption in

Data on electricity consumption is crucial for assessing and modeling energy systems, making it a key element of sustainable urban planning. However, many countries in the Global South

approximately four times higher than that of residents outside Kigali, mirroring the disparity in GDP per capita, where the GDP per capita in Kigali is about



## (PDF) Domestic energy consumption patterns in Kigali,

Kigali inhabits about one-tenth of Rwanda's population and consumes almost 50% of total electricity in the country.

## ENERGY SECTOR STRATEGIC PLAN (ESSP)

Over the next five years, the ESSP aims to tackle critical issues, including limited electricity access, inefficient energy infrastructure, and reliance on traditional cooking methods, while laying the



## Domestic energy consumption patterns in Kigali, Rwanda

In Rwanda, households are the main energy consumers, consuming approximately 91% of the total energy (2009). Moreover, biomass energy attributed to about 85% of

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