NAKURU COUNTY

KENYA

ICLEI — Local Governments for Sustainability

100% RENEWABLES CITIES & REGIONS ROADMAP

Supported by:
Federal Ministry for Economic Affairs and Climate Action

on the basis of a decision by the German Bundestag

IKI — INTERNATIONAL CLIMATE INITIATIVE

Nakuru County is Kenya's third-largest county by population.

It is the cradle of Kenya's **geothermal** developments—all of Kenya's geothermal plants installed are located in the Naivasha sub-County of Nakuru. The **Olkaria** geothermal power complex is the largest in Africa.

Energy access, particularly to **clean cooking** fuels, continues to be a challenge, but significant efforts to address this are underway. Nakuru aims to achieve universal access to electricity by **2027**, promoting solar energy for **off-grid** applications, and integrating **gender** considerations.

Nakuru County is a **networking region** of the 100% Renewables Cities and Regions Roadmap project, and is a signatory of the 100% Renewables Cities and Regions Energy Compact and Network.

Source: Nakuru County Energy Plan; Kenya 2019 Census

Credit: Japheth Supeyo, Unsplash
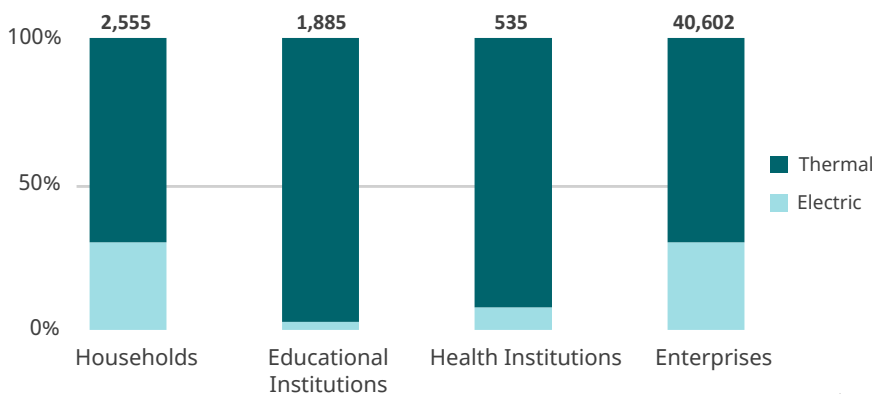
TOTAL ELECTRICITY CONSUMPTION

477 GWh

Year: 2021
Source: CDP-ICLEI Track, 2023

POPULATION

2,162,202

Year: 2019
Source: CDP-ICLEI Track, 2023

ENERGY CONSUMPTION BY CONSUMER TYPE (TJ)

	Value
Households	2,555
Educational Institutions	1,885
Health Institutions	535
Enterprises	40,602

Legend:
- Thermal
- Electric

Source: Nakuru County Energy Plan

HOUSEHOLDS WITH ELECTRICITY ACCESS

61%

Source: CDP-ICLEI Track, 2022

LAND AREA
7,498 km²

DAILY SOLAR IRRADIATION
6 kWh/km²

HEALTH FACILITIES WITH ELECTRICITY
99%

Source: CDP-ICLEI Track 2020 (land); Nakuru County Energy Plan (solar, healthcare)

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