

Energy

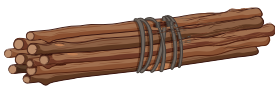
in Malawi



MALAWI'S POPULATION IS 17.6M.

81%

FIREWOOD



16%

CHARCOAL



2%

ELECTRICITY



1%

CROP RESIDUE



HOUSEHOLDS USE ↑ FOR COOKING AND HEATING

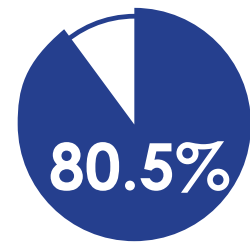
93%

of rural households use firewood

62%

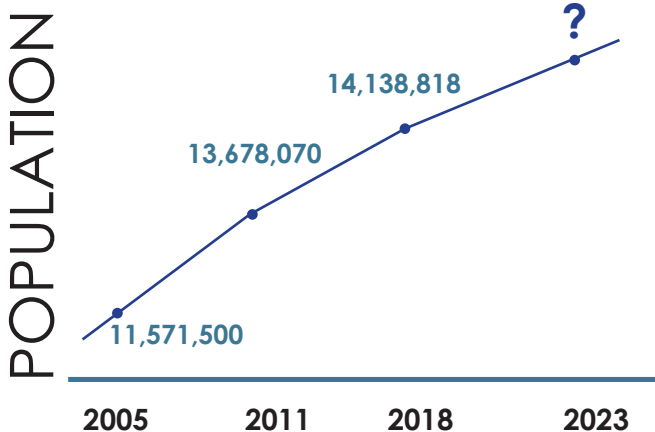
of urban households use charcoal

In fact, wood fuels comprise

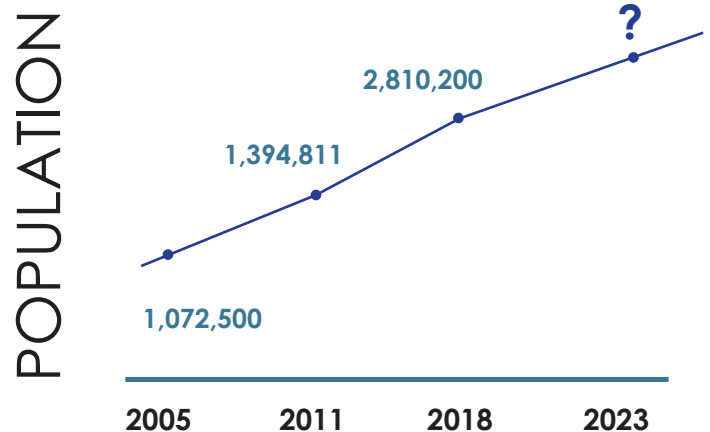


of total energy consumption.

FIREWOOD USERS



CHARCOAL USERS



NEARLY **4.6 MILLION** MORE PEOPLE USE FIREWOOD AND CHARCOAL NOW THAN IN 2005

Based on a recent study, between

2019 & 2025

Malawi's demand for wood fuel will exceed sustainable supply.

MALAWI IS FACING AN ENERGY CRISIS

Energy in Malawi

WHY DON'T MORE PEOPLE USE ELECTRICITY TO COOK? 

LESS THAN **10%** ARE CONNECTED TO THE GRID **37%** Urban Population **2%** Rural Population

 **OVER 96%** OF MALAWI'S ELECTRICITY COMES FROM HYDROPOWER

There are 10 power stations. Most hydropower is generated from the Shire River.

Installed capacity is more than **360 MW** but often much less energy is generated due to:

Siltation



Debris



Low Water Levels



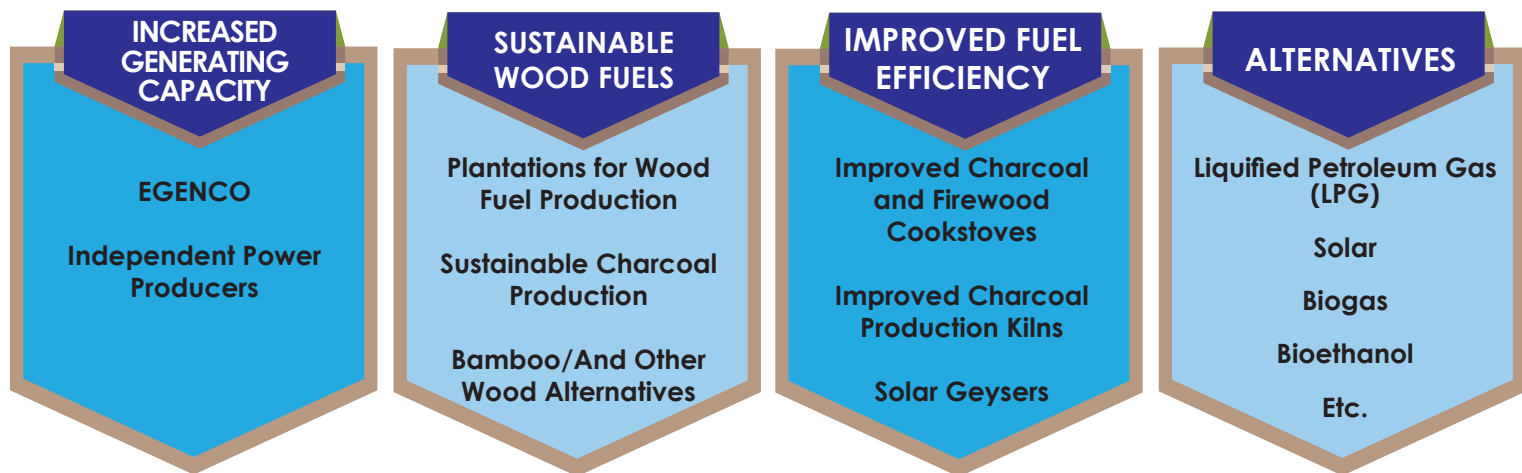
Estimated demand is 700MW for those currently connected to the grid

Alternative cooking and heating fuels remain undeveloped with less than **1%** of households using them

MALAWI WILL BE MORE RESILIENT WITH ENERGY SECURITY

Malawi's energy demand is increasing, so must its supply

INTEGRATING RESILIENCE



SOURCES

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