

# Ethiopia Integrated Power Supply



## Overview

Ethiopia aims to become a regional power supply hub and is investing to expand its power export capability through regional power system integration, in line with the East Africa Power Pool (EAPP) plans. Ethiopia is making progress in the energy sector. Access to electricity increased from 29% in 2015 to about 55.4% of the population in 2023 (94). This Compact serves as both a strategic blueprint and a call to action, mobilizing national leadership, local communities, development partners, and the private sector in a collective effort to transform Ethiopia's energy. Home » Ethiopia Energy Project: China's Ming Yang Secures License for \$15 billion Renewables Ethiopia Energy Project advances after China's Ming Yang secures a \$15 billion renewable energy investment license in Ethiopia. 8GW solar, wind power, green hydrogen, and biomass productivity. The chart shows the average NPP in the country (tC/ha/yr), compared to the global average NPP by developing areas. of total generation Electricity production tends to closely match. About 624km of mini-grid power will be generated, with more than 31,000 Ethiopians benefiting from access to electricity for lighting and cooking through a new Africa Mini-grid Programme (AMP) to be implemented in Ethiopia.



## Article Content

Apr 08, 2026

Ethiopian Energy Outlook 2025

The Ethiopian Electric Utility (EEU) and Ethiopian Electric Power (EEP) have struggled with outdated infrastructure, frequent power outages, and high losses, further limiting access.

Apr 23, 2026

Electricity price hikes are not enough: Getting reliable

BLUF: Ethiopia's ongoing electricity tariff increase is necessary. But it won't be enough to ensure reliable power. To deliver high-quality power that

Jun 02, 2026

Ethiopia

Unlike other energy commodities such as coal, oil and natural gas, electricity trade between countries is relatively limited as it is more technically complex and

Jan 11, 2026

Ethiopia | Africa Energy Portal

Ethiopia aims to become a regional power supply hub and is investing to expand its power export capability through regional power system integration, in line with the East Africa Power Pool (EAPP)

Nov 24, 2025

Microsoft PowerPoint

A/ Power sector objectives; Sufficient power supply at the place of demand, Efficient, economical and reliable service, Decentralized commercial operation are outlined, Private sector participation at

Mar 12, 2026

Long-term evolution of energy and electricity demand ...

Ethiopia has significant transmission and distribution bottlenecks that limit the delivery of the existing supply from reaching demand centers. Poor reliability, significant transmission and distribution (T& D)

Aug 13, 2025

Ethiopian Energy Outlook 2025

In recent years, Ethiopia's power system has faced increasing challenges in maintaining a stable electricity supply. Frequent power interruptions have several negative consequences, such as:

Jun 23, 2026

Ethiopia

In Ethiopia, while electricity reaches less than half of the population, great progress has been made over the past two decades. The National Electrification Program,

Feb 10, 2026

Mini-grid Solutions To Enhancing Ethiopia's Energy System

The Africa Mini-grids Program is a multifaceted energy solution for Ethiopia and 20 other African countries with a 45 million USD country-led

Aug 29, 2025

Ethiopia

Ethiopia's current 5,200 MW of installed generation capacity reaches less than 60% of the country's population. The GOE plans to increase power generation capacity to 17,000 MW in 10

Sep 06, 2025

Policy Brief – Delivering access to energy in Ethiopia ...

Project, based on modelling of the Ethiopian energy system, different future energy narratives, residential energy use analysis, and repeated engagement with local and international energy experts.

Dec 12, 2025

Ethiopian power grid

The integration of the power systems of the members will enable Ethiopia to invest in the large hydropower resources it possesses, for export to the neighboring countries.

Jan 24, 2026

ENERGY PROFILE Ethiopia

primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end

Feb 11, 2026

NATIONAL ENERGY COMPACT FOR THE FEDERAL

operationalize a dedicated trading unit within Ethiopian Electric Power (EEP), and align regulatory frameworks and transmission pricing to enable cross-border power trade and purchase agreements.

Jun 25, 2026

Ethiopia – Integrated Regional Energy Strategy

Cognizant of the magnitude of this challenge and the requisite large scale infrastructure investment in power generation, transmission and distribution lines required to create access to these households

Jul 29, 2025

Ethiopia – Integrated Regional Energy Strategy

1. INTRODUCTION Ethiopia's stand-alone solar sector has seen strong growth in the last decade but given the large ground to cover to meet the NEP 2.0 targets of 9 million off-grid electricity access, a

Dec 10, 2025

“Em-powering” Ethiopia: A vision for the future of the

On January 25, 2025, the air in Addis Ababa was electric—not just with the hum of daily life, but with a shared sense of purpose. Inside our vibrant gathering space,

Jul 23, 2025

Long-term electricity supply modelling in the context of developing ...

Long-term power supply modelling is particularly important for developing countries in providing sustainable solutions to electricity problems. This study presents the first detailed and

Jul 14, 2025

NATIONAL ENERGY COMPACT FOR THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

Preamble The Federal Democratic Republic of Ethiopia is proud to present its National Energy Compact, reaffirming its unwavering commitment to the Sustainable Development Goals (SDGs), especially

Sep 17, 2025

Electricity sector in Ethiopia

Electricity sector in Ethiopia Electricity production in Ethiopia by source Lineman on a conductor bundle of the Ethiopia-Kenya 500 kV HVDC Interconnector

Apr 24, 2026

Electricity sector in Ethiopia

Ethiopia has abundant resources that can generate 60,000 TWh electricity from hydroelectric, wind, solar and geothermal sources. The electrification process

Nov 06, 2025

Ethiopia Energy Project: China's Ming Yang Secures License for \$15 ...

Ethiopia Energy Project advances after China's Ming Yang secures a \$15 billion renewable energy investment license in Ethiopia. Moreover, the program integrates 2.8GW solar, wind power,

Nov 30, 2025

World Bank Document

In line with the integrated, sectorwide approach adopted in the NEP, the project will ensure adequate supply for the electrification targets, increase climate resilience by diversifying the electricity supply,

Feb 12, 2026

Ethiopia Energy Outlook – Analysis

Ethiopia could supply a much larger economy than today in the AC, using only twice the energy, were it to diversify its energy mix and implement

May 19, 2026

The Ethiopian energy sector and its implications for the SDGs and ...

The review shows that energy supply and consumption in Ethiopia are dominated by bioenergy (88%) and by households (88%), respectively. Electricity barely accounts for 3% of the

Oct 05, 2025

Long-term electricity supply modelling in the context of developing ...

Grid-extension and off-grid supply options are assessed in improving the low-electricity access in Ethiopia. Renewable technologies are more competitive and favourable in the context of

Apr 26, 2026

African Development Bank boosts power supply in eastern Ethiopia

Batchi Baldeh, the director of Power Systems Development of the Bank, said the project would improve access to clean, reliable electricity supply by increasing the capacity of the power grid

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://piano-lessons.co.za>

Email: [info@piano-lessons.co.za](mailto:info@piano-lessons.co.za)

Phone: +31 6 37258914

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

