



MODERNIZATION SOLAR

EEP Energy Storage Power Station in Ethiopia





Overview

Why are Ethiopian Electric Utility and EEP limiting access to electricity?

The Ethiopian Electric Utility (EEU) and Ethiopian Electric Power (EEP) have struggled with outdated infrastructure, frequent power outages, and high losses, further limiting access.

What does Ethiopian Electric Power do?

According to the amended Regulation of the Council of Ministers of Ethiopia No. 381/2016 issued to establish the Ethiopian Electric Power, the institution has been given the responsibility of building power plants, power transmission and substation, wholesale of electricity, compliance research, design and survey work.

Does Ethiopia have a stable electricity supply?

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: Disruptions in production and delays. Limited benefits for end-users who rely on a stable electricity supply.

Who owns power plants in Ethiopia?

Currently, all operational power plants in Ethiopia are under the state-owned EEP. Future investments in hydro, wind, solar, and geothermal projects is planned to have private ownership, with EEP acting as the primary electricity purchaser. Solar PV IPP auctions were announced in February 2025, with a total capacity of 225 MW in Gad and Weransso.



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Ethiopia Energy Storage Market (2025-2031) , Companies

Ethiopia Energy Storage Market Synopsis The Ethiopia energy storage market is witnessing growth driven by increasing investments in renewable energy projects, such as hydroelectric

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Energy

Ethiopian Electric Power (EEP) is focusing on the management of 14 hydropower and three wind power plants, substations and transmission lines in the country, while new power-generation ...

Generation - Ethiopian Electric Power

Ethiopia has been able to record rapid and continuous growth in the past two decades. The development of electricity has contributed significantly to this economic and social ...



Ethiopian Energy Outlook 2025

Jun 1, 2025 · The Ethiopian Electric Utility (EEU) and Ethiopian Electricity Power (EEP) have consulted the government and Petroleum & Energy Authority (PEA) and announced a phased

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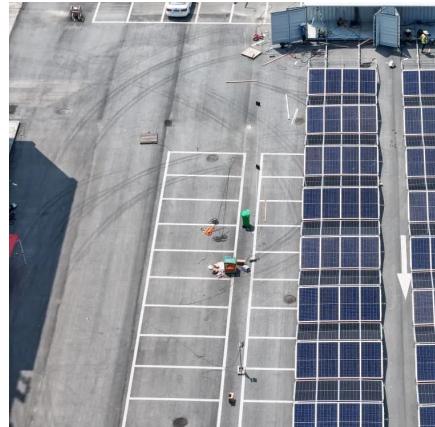
About EEP

About EEP CEO Message Ethiopia has been able to achieve rapid and continuous growth in the last two decades. Electric power has played an irreplaceable role in these development ...



Pumped Hydro

ABSTRACT The shares of RE sources are rising because of global warming concerns and the depletion of fossil fuels. However, due to its intermittent nature sustainable power supply ...



Ethiopia energy storage system in microgrid

Ethiopia energy storage system in microgrid 15,467 KWh per day are estimated. The Optimal sizing of the system components micro grid are done using HOMER (Hybrid optimization multi ...

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