



FTMRS SOLAR

# Djibouti City Power Base Station 7MWh





## Overview

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How can Djibouti achieve its energy goals?

Djibouti's substantial potential for geothermal electricity generation, along with its rising capacity to produce energy from wind and solar power plants, should help the country reach its goals in coming years. In addition to the growing need for generation capacity, the expansion of renewable energy is key for Djibouti to diversify its economy.

What is the current state of electricity in Djibouti?

Electricity sector: Current state Djibouti's electricity supply is based on :  
□ Thermal generation (diesel and heavy fuel oil): 20-40%. □ Hydroelectric imports from Ethiopia (since 2011): 60-80%. o The country's current energy production is 220 MW, broken down as follows □ Public generation of 120 MW by EdD.

How does Djibouti produce electricity?

This is mostly supplied by thermal power plants that utilise oil and diesel as fuel. The two primary plants in Djibouti City have a combined generation capacity of roughly 122 MW, with two smaller plants located in Obock and Tadjoura.

Who regulates geothermal energy in Djibouti?

The Ministry of Energy and Natural Resources formulates policies for the sector and regulates the electricity market. The Djibouti Office for Geothermal Energy Development (Office Djiboutien de Développement de l'Energie Géothermique, ODDEG), directly overseen by the presidency, is charged with developing the country's geothermal energy potential.



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Djibouti Energy 2024, CIA World Factbook

NOTE: The information regarding Djibouti on this page is re-published from the 2024 World Fact Book of the United States Central Intelligence Agency and other sources. No claims are made ...

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Djibouti

Nov 26, 2025 · In Djibouti, 42% of the population has access to electricity. The government's Vision 2035 establishes goals to promote renewable energy source use for electricity ...

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Djibouti redesigns energy systems to increase power ...

Jun 15, 2023 · The two primary plants in Djibouti City have a combined generation capacity of roughly 122 MW, with two smaller plants located in Obock and Tadjoura. Djibouti produced ...

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Renewable Energy Integration in Djibouti: Challenges, ...

Jun 19, 2025 · Using academic sources and case studies, we analyze the technical and economic feasibility of renewable energy projects in Djibouti and provide recommendations for ...

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Djibouti power station

1 day ago · Background In August 2019, Shandong Power Construction III signed an EPC contract for a 3×50 MW coal-fired power station project in Djibouti. [1] The proposed coal plant ...

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Djibouti May Be Small, but It Has Big Energy Plans

Sep 10, 2023 · The country's first utility-scale wind farm puts it on a path to energy independence using renewables. Djibouti May Be Small, but It Has Big Energy Plans

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Djibouti City Fort Energy Storage Power Station A Game

The Djibouti City Fort Energy Storage Power Station exemplifies how cutting-edge storage tech can transform energy landscapes. By balancing reliability with sustainability, such projects ...

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Grid connected hybrid renewable energy systems for urban ...

Jan 1, 2023 · So far, the installed electricity generation capacity from EdD is 123 MW with 113 MW from two main power plants called Boulaous and Marabout in Djibouti City. Small provincial ...

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