

Addis Ababa Solar Rooftop Power Generation System





Overview

Addis Ababa, June 12, 2025 (FMC) — Ethiopia today inaugurated its first grid-connected solar rooftop project equipped with bi-directional smart meters, marking a significant step in the country's renewable energy transition. Is Ethiopia planning a solar power plant near Addis Ababa?

Ethiopia's state-owned electric power company is planning to develop a 100 MW Solar PV power plant near the town of Metahara, 200 km east of the capital Addis Ababa. The project is supported by Power Africa, a U.S. Government-led partnership to promote new generation and increase access to electricity in Africa.

Can solar power transform Ethiopia's energy landscape?

Among these, solar energy emerges as a beacon of hope, poised to transform Ethiopia's energy landscape and drive socioeconomic development. Significantly, the country has relied heavily on hydropower, which accounts for more than 90% of its electricity generation.

Why is Ethiopia investing 300 million USD in solar energy?

She mentioned that the country's focus is on the solar energy sector, where Ethiopia is investing 300 million USD in a project aimed at generating 300 megawatts of solar energy. It does not only support the country's renewable energy goals but also contributes to reducing carbon emissions and promoting sustainability, she said.

Why is solar energy important in Ethiopia?

By improving energy access, solar energy can stimulate local economies, enhance educational opportunities, and improve healthcare services, thereby contributing to overall development. Moreover, the transition to solar energy aligns with Ethiopia's ambitious climate goals.



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Ethiopia inaugurates first grid-connected solar rooftop with ...

Jun 13, 2025 · Ethiopia took a bold step in its clean energy journey by launching its first-ever grid-connected solar rooftop system with bi-directional smart meters. The 100 kilowatt-peak (kWp) ...





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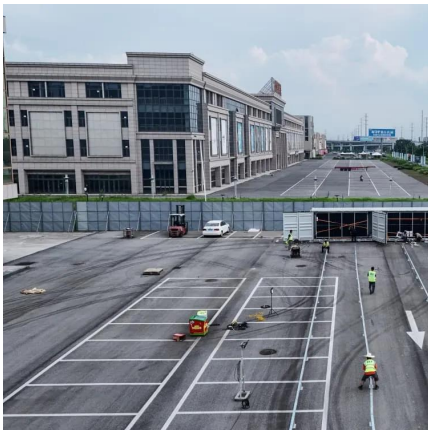


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This dataset contains solar rooftop potential data (suitable rooftop area, installable capacity, estimated yearly electricity generation, and building type) at individual building structure level ...



Addis Ababa

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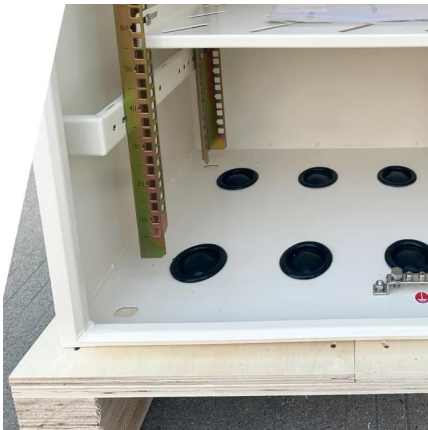
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