

How can BECO's new solar power plant help Somalia?

Because Somalia struggles with a lack of electricity and high electric costs,BECO's new solar power plant has the potential to positively impact many people's lives. When it opened,the power plant had the capacity to produce 8 MW.

Does Somalia have solar power?

The Stimson Center explains that "Somalia has the highest resource potential for onshore wind power in Africa and the country experiences 3,000 hours of sunlight per year with daily solar radiation ranging between 5-7 kWh/m<sup>2</sup> per day,which equates to strong solar photovoltaic electricity generation capacity."

Is there a solar power plant in Mogadishu?

In June 2020,Somalia's largest electricity provider,BECO,announced the opening of a new solar power plant in the capital city of Mogadishu. BECO is the only company that provides electricity for Mogadishu,Afgooye,Balad,Barawe,Kismayu,Marka,Jowhar and Elasha.

Can BECO's solar power plant lift Somalis out of poverty?

BECO's solar power plant could have a significant impact on Somalis,lifting many out of poverty. Lack of access to electricity is widely cited as a large contributor to poverty. Without electricity,families don't have a non-polluting source of energy for cooking. Refrigerators are unusable. Children can't do their homework after dark.

How much power does BECO produce in Somalia?

Currently,BECO produces 35 MW of power for eight cities,which is much less than its demand of 200 MW. Many Somalis avoid using electricity in order to avoid the monthly costs as 69% of Somalis are currently living in poverty. Power companies in Somalia heavily rely on imported fossil fuels for diesel-powered generators.

How much electricity does Somalia have?

Despite the widespread use of generators,Somalia has only 106 MW of power nationwide,according to the United States Agency on International Development. The World Bank reported in 2018 that 64% of Somalis didn't have access to electricity.

BECO's solar power plant is just the first step in Somalia's possible path toward renewable energy. The African Development Bank reported in a study that Somalia had a greater potential for renewable energy than any ...

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The project, developed by Kube Energy in collaboration with the government of the South West State of Somalia, and financed and further developed in partnership with CrossBoundary Energy, will establish the first ...

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