

Zambia exports a large proportion of solar modules





Overview

How does solar power work in Zambia?

Solar power in Zambia primarily uses solar photovoltaics (PV) to generate electricity. Several communities, entrepreneurs, the government, and NGOs collaborate to increase the share of solar power in the country.

Is there a solar market in Zambia?

Yes, the Zambian solar market is growing. Although it is still relatively small compared to countries like Tanzania, there is much room for solar to grow due to the increasing electricity demand in Zambia. Currently, 95% of the electricity supply comes from hydropower, with less than 1% from other renewable sources.

What makes maintenance of solar products difficult in Zambia?

Since many areas in Zambia are rural and the population densities are low, maintenance in these areas can also be a problem. Furthermore, there are inadequate standards for the off-grid sector, which can, among others, lead to the circulation of sub-standard products. Zambia has a high potential for solar power and the sector is growing.

How much electricity does Zambia produce?

Zambia has 2,800 MW of installed electricity generation capacity, of which 83 percent is from hydro, nine percent from coal, five percent from heavy fuel oil, and three percent from solar. The mining sector is the country's largest power consumer, using 51 percent of total generated electricity, followed by the domestic sector at 33 percent.



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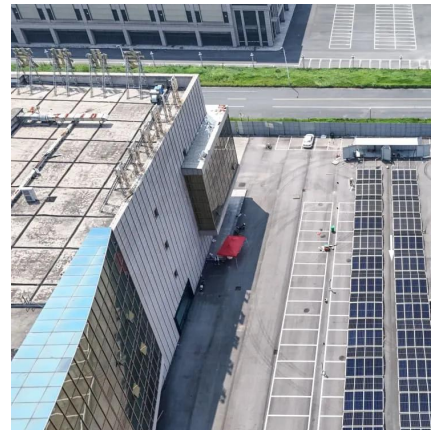


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