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# Zambia Power System Solar Power Supply





## Overview

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Who owns the solar power plant in Zambia?

The majority of the plants are owned and operated by ZESCO, the national power utility. Choma Solar Power Plant Limited. In March 2022, Chariot Limited of the United Kingdom together with Total Eren of France and Canadian mining giant First Quantum Minerals entered into a partnership to develop a 430MW solar and wind power project in Zambia.

Why is solar power important for Zambia?

Solar power is important for Zambia because it provides a reliable alternative energy source to hydropower, which has become less dependable due to droughts. Additionally, the increasing electricity demand makes the growth of solar power of great value and significance beyond just the energy sector.

Who produces electricity in Zambia?

In the generation sub-sector, independent and private power producers include Lunsemfwa, Maamba and Ndola Energy, whose entire capacity is offtaken by ZESCO, as well as those operating mini-hydro generating stations, such as Zengamina in North-Western Province, whose off-grid power systems cater to more localised needs.

Which companies offer solar home systems in Zambia?

In Zambia, Vitalite offers pay-as-you-go home systems using modern mobile technology to help low-income households. Aurora Power Solutions also operates in the region, focusing on solar power.



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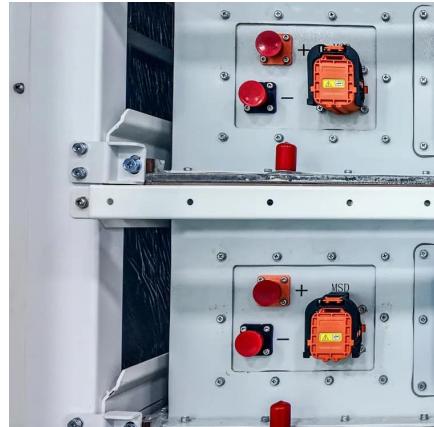
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