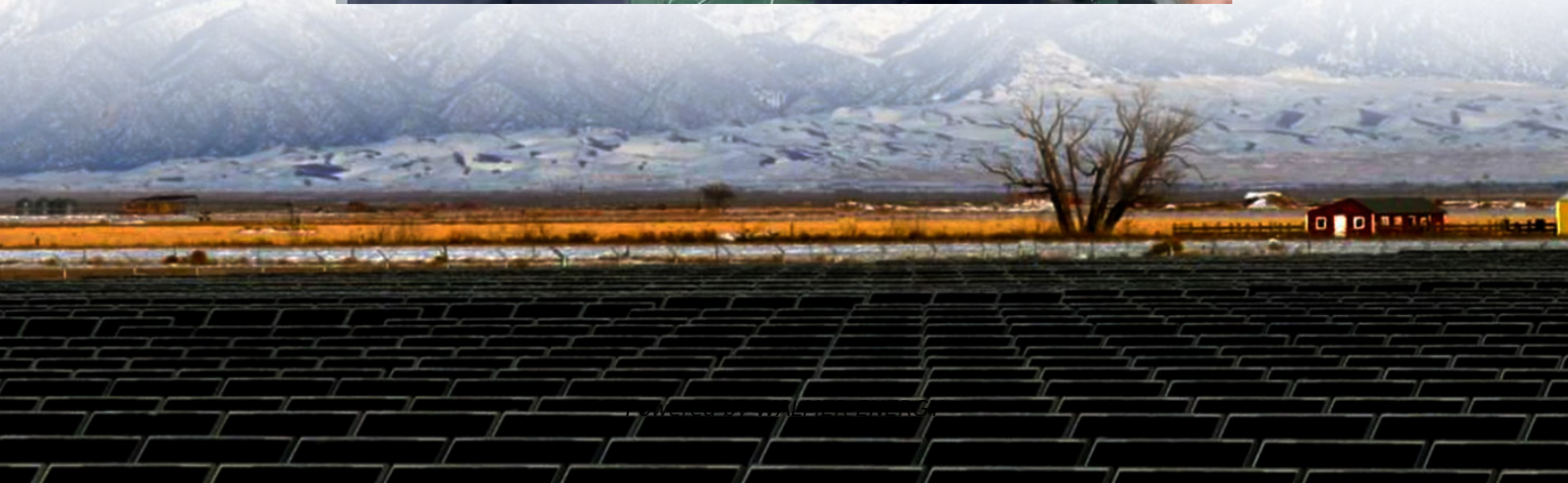


Off-grid solar container in Democratic Republic of Congo 20 feet





Overview

Does DRC need Offgrid power?

However offgrid power is essential in the rural areas and small towns across this vast country. Even with new solar and wind DRC could only satisfy between 15 and 55% of total demand. This leaves between 45% and 85% needing offgrid power or 16 gW of installed solar capacity ! Same applies to clean water as only 23% have access. Biblio.

How much solar power does the DRC need?

There is also sufficient for the rural areas around Kinshasa, Mbandaka on the Congo river and the main port of Matadi. It can even be exported over the river to Brazzaville. Currently the DRC only has 2.5 gW installed and no early benefit from the Inga. However solar and wind is available now.

Could Offgrid power fill the gap in the UK?

Coventional solar power 1 year Offgridinstaller UK solar power in a container in 4 months Existing HEP could fill in the 'gaps' when solar is not available. However offgrid power is essential in the rural areas and small towns across this vast country. Even with new solar and wind DRC could only satisfy between 15 and 55% of total demand.

Does DRC have hydro power?

This has given it enormous potential for hydro electric power and almost 100% of its grid power is HEP. The DRC is the largest country in Sub Saharan Africa occupying 2,345,000 km² with 3.32% as standing water including rivers and lakes. Its sheer size, lush vegetation and landscape has been its problem since independence in 1960.



Off-grid solar container in Democratic Republic of Congo 20 feet

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