



Small outdoor cabinet for African microgrids used in power grid distribution substations

What is a suitable market for microgrids solution?

Nature Conservation facilities such as SANPARKS and Provincial Nature Conservation organisations are a suitable market for microgrids solution. . Not only may these sites be remote, but overhead power lines built in conservation areas are prone to damage by mammals and then cause an electrocution hazard to wildlife.

What are off-grid microgrids?

Off-grid microgrids can provide a greener alternative to electrifying far to reach, isolated communities where the cost of grid extension is too high. Bespoke solutions are also possible for game farms and other niche applications can include end of line grid strengthening and capital deferral.

Where can a microgrid be used?

Communities in areas that have Eskom network capacity constraints can be assisted with electricity using a microgrids installation. Nature Conservation facilities such as SANPARKS and Provincial Nature Conservation organisations are a suitable market for microgrids solution. .

Who owns a microgrid?

Microgrids can be a customer owned, partnership owned, or an Eskom owned site. Microgrids are defined as: a collection of interconnected loads and distributed energy resources (DER) within clear electrical boundaries acting as a single controllable entity with respect to the utility grid.

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Microgrids are used by Eskom as a solution to supplying green power where there are constrained networks, in rural and remote areas, to improve reliability, or as an alternative to avoid costly ...

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