Mozambique Voda Communications Base Station Inverter

Why did Mozambique's Songo converter stop working?
The system links Mozambique's Songo converter station to the Apollo inverter station near Johannesburg,South Africa,by a 1414-km (879-mile),530-kV HVDC overhead transmission line. This system experienced a long-term service interruption from 1985 to 1997 because of the Mozambican Civil War.

Where is the new inverter station located in Johannesburg?
Interfacing with the Apollo inverter station -- Located just outside of Johannesburg, the Apollo inverter station underwent an upgrade from 2006 to 2009. Therefore, the new equipment at the Songo converter station will have to interface with this equipment, which is now already 11 years old.

What is the Songo converter station project?
The Songo converter station project is an ideal case study for the refurbishment of existing HVDC systems to enable the transmission of renewable energy resources. One of the largest issues with accessing renewable energy is the transmission system and distribution network upgrades required. Hatch HVDC Centre of Excellence.

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The power line runs from the Songo converter station, which is near the hydroelectric station and normally operates as a rectifier, to the Apollo converter station near Johannesburg, which ...

Discover our Outdoor Communication Energy Base Station, designed for off-grid and grid-connected applications. Supports solar, wind, and generator power inputs with advanced ...

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Mozambique installed a communication base station inverter and connected it to the grid Cahora-Bassa (previously spelled Cabora Bassa) is a separate bipolar HVDC power transmission line ...

OverviewDescriptionHistoryRepairing the war damageApollo station upgradeSee alsoExternal links

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Why does the inverter of the communication base station need cooling when connected to the grid Unattended base stations require an intelligent cooling system because of the strain they are ...

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