

What is the green base station in Africa called





Overview

Story Text: Africa's largest mobile operator MTN on Wednesday (September 15) launched its 'green' off grid base station in Riemvasmaak in the Northern Cape province of South Africa. What is a green base station?

This proliferation of BSs has resulted in consequential increase in energy consumption and Green House Gases (GHGs) emission. Several techniques have been deployed to reduce the energy consumption of the base station in what is called a green base station.

Are green cellular base stations sustainable?

This study presents an overview of sustainable and green cellular base stations (BSs), which account for most of the energy consumed in cellular networks. We review the architecture of the BS and the power consumption model, and then summarize the trends in green cellular network research over the past decade.

Can a green base station reduce energy consumption?

Several techniques have been deployed to reduce the energy consumption of the base station in what is called a green base station. This paper presents an insight into these approaches and highlights key challenges and potential research directions.



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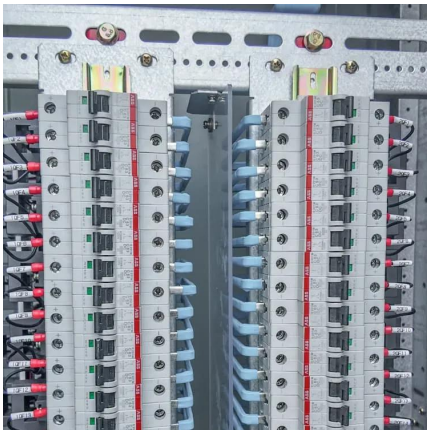
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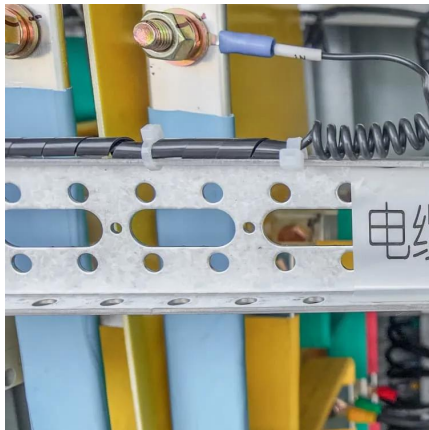
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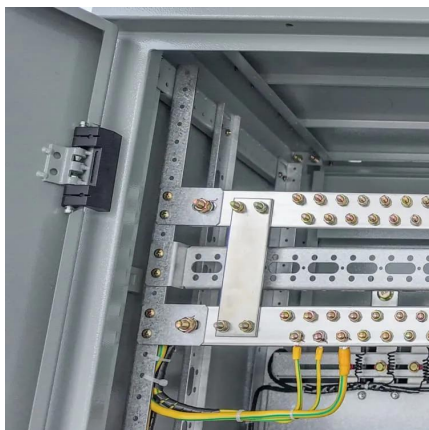


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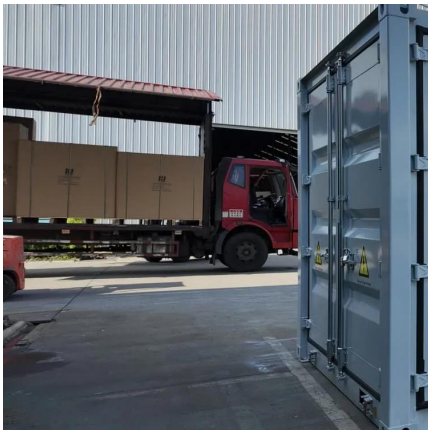
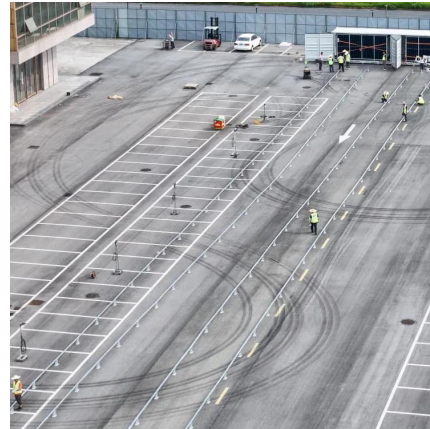
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[The Green Base Station , VDE Conference Publication , IEEE ...](#)

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