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Title: Communication green base station layout principles

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The aim of this study is to identify the green mobile telecommunication base station design practices as adopted by leading cases, four cases were analyzed; Ericsson, ZTE, Huawei, and...

This chapter aims at providing a survey on the Base Stations functions and architectures, their energy consumption at component level, their possible improvements and the major problems that must be ...

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Green network aims to promote the sustainable development of communication systems, and base station (BS) and cells sleeping has been proven effective in reducing the ...



# Communication green base station layout principles

The main goal of designing green base stations is to save energy and reduce power consumption while guaranteeing user service and coverage and ensuring the base station's capability for evolution.

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