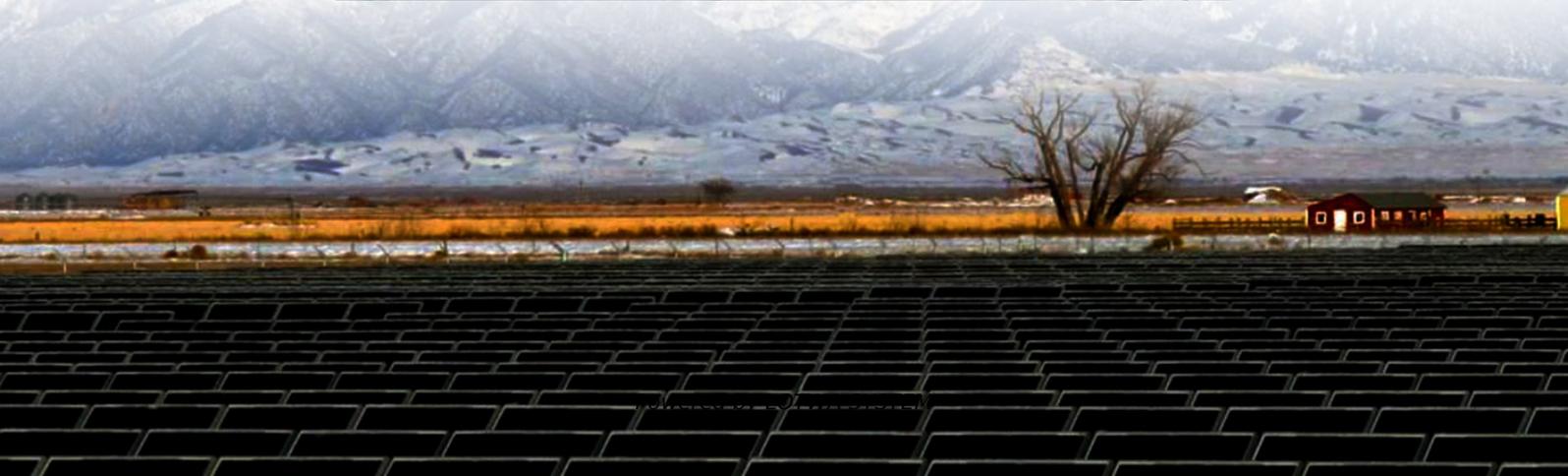


How many types of communication green base stations are there





Overview

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.

What is a base station?

Base stations are one of the widely used components in the field of wireless communication and networks. It is an access point or base point of a particular area for network accessibility. In this article, we will discuss the different types of base stations with their advantages and applications in the real world.

What are the different types of base stations?

Some basic types of base stations are as follows: Macro-base stations are tall towers ranging from 50 to 200 feet in height, placed at strategic locations to provide maximum coverage in a given area. Those are equipped with large towers and antennas that transmit and receive radio signals from wireless devices.

How many green cellular Bs are there?

GSMA predicted that the number of green BSs would increase to 389,800 by 2020 [8], which reflects the growing awareness of cellular network operators about the significant economic and ecological influence of their networks in the coming years. Figure 10. Worldwide deployment of green cellular BSs [107].



How many types of communication green base stations are there

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