

# Communications shut down the 5G base station at night

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Why is China putting a 5G base station to sleep?

What many people don't realise, though, is that it's also expending a lot more energy for Chinese telecom companies. At the beginning of August, a China Unicom branch announced that it would put some of its ZTE 5G base stations to sleep between 9pm and 9am to reduce electricity costs in the city of Luoyang.

Do 5G base stations use more energy than 4G?

A recent white paper from telecom equipment maker Huawei illustrates the problem: 5G base stations use up to three-and-a-half times more energy than 4G infrastructure. Part of the problem is that this new generation of mobile connectivity requires more densely placed base stations.

Does China have a 5G network?

China first launched what it called the world's largest 5G network at the end of last year with subsidised plans. The technology is meant to herald the arrival of ultra-fast wireless broadband internet, but availability remains limited.

Recently, in response to the statement that "the electricity bills of 5G base stations cannot be sustained, and they are shut down at night just to save power," chairman of Unicom, said that ...

Aug 28, 2020 . A recent white paper from telecom equipment maker Huawei illustrates the problem: 5G base stations use up to three-and-a-half times more energy than 4G

Recently, the three major operators have issued notices announcing that they will shut down 5G base stations in the early morning. This move has attracted widespread ...

China Unicom has carried out a lot of technical reserves and experimental verification in this regard, ensuring that the base station will not be significantly affected by the ...

The rapid development of 5G technology leads to increasing energy consumption in base stations (BSs). For

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the vision of green and sustainable communications, we

Recently, Unicom Branch has turned on the deep sleep function in the no-load state at different times for three different base station radio frequency unit devices (AAU) that have been ...

China Unicom decides to shut down some of its 5G base stations overnight, prompting concern from users.

The high power consumption of 5G base stations is also one of the reasons why 5G communication is difficult to spread widely. There are even rumors that 5G will be shut down ...

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Wang Xiaochu, chairman of China Unicom, recently stated that 5G base stations are smart base stations that will automatically shut down or reduce capacity at night when ...

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