

# Operators shut down 5g base stations 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.

Why does AAU turn off power when a base station is idle?

Li Fuchang, deputy director of the wireless networks research department at China Unicom's Network Technology Research Institute, said that the hibernation function of the active array units (AAU) turns off the power supply when a base station is idle. This happens when there are no 5G users connected.

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.

Base station operators deploy a large number of distributed photovoltaics to solve the problems of high energy consumption and high electricity costs of 5G base stations.

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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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 ...

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 ...

Recently, China Unicom's decision-makers announced a new operational strategy: shutting down some 5G base stations in the middle of the night to manage operating costs ...

In addition to my country Mobile, my country Tower and the other two major operators have also announced "intelligent shutdown of 5G base stations", which operates in a ...

China Unicom decides to shut down some of its 5G base ...

It is the propaganda slogan that operators will use when promoting 5G. From this sentence, we can also find that 5G has brought us more than just changes in signal strength and Internet ...

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 ...

At the beginning of August, a China Unicom branch announced that it would put some of its ZTE 5G base stations to sleep ...

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.

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