

# **National subsidies for electricity charges for 5G base stations**





## Overview

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How many 5G base stations will China build in 2025?

China plans to construct over 4.5 million 5G base stations in 2025 while introducing additional policy and financial incentives to support industries expected to shape the next decade, the country's Ministry of Industry and Information Technology (MIIT) announced during its annual work conference.

Will 5G Revolution & 6G innovation be a priority next year?

The move comes as the country charted its vision for industrial growth during a two-day work conference of the Ministry of Industry and Information Technology. With 4.19 million 5G base stations already in operation, the industry regulator said that "promoting 5G revolution and 6G innovation will be one of the priorities" next year.

Who are China's 5G operators?

Chinese main operators are China Mobile, China Telecom and China Unicom. In addition to its expected expansion in the 5G field, China noted that it is also set to begin trials for 10-gigabit optical networks and enhance computing power infrastructure, reflecting the growing demand for artificial intelligence (AI) technologies.

How many 5G phone subscriptions are there in China?

China's 5G mobile phone subscriptions surpassed 1 billion by the end of November, local press reported, citing data released by the Ministry of Industry and Information Technology. The 5G subscriptions now represent 56% of all mobile lines in China, reflecting a 9.4 percentage point increase compared to the previous year.



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### [Shanxi to Subsidize Electricity Price for 5G Base Stations](#)

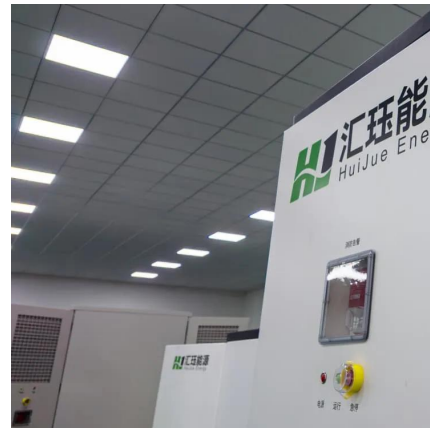
Recently, the People's Government of Shanxi Provincial issued three major measures to guarantee the electricity supply for 5G base stations: First, to encourage ...

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Electricity used by 5G base stations built by telecom operators and China Tower will be eligible for commercial power-cost-reduction subsidies. The electricity usage of 5G base stations will be ...

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China ended 2024 with over 4.19 million 5G base stations China plans to construct over 4.5 million 5G base stations in 2025 while introducing additional policy and financial incentives to ...

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### **Local 5G policies have reduced electricity bills by more than ...**

In order to reduce the cost of electricity, the governments of and other places have introduced relevant policies, including measures such as converting the power supply of 5G base





stations ...

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A Huawei 5G base station installed on a rooftop in Zurich. Photo: Chen Qingqing/GT There are challenges for China's 5G base stations such as high electricity ...

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First, to encourage fundamental telecom enterprises to build and operate 5G base stations. From 2020 to 2022, for 5G base stations participating in market transactions, if their actually paid ...

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