



BUHLE POWER

China Southern Power Grid builds 5G base stations





Overview

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.

How many 5G sites are there in China?

Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 cities; a new 2027 roadmap will see 75% of mobile data in the country on 5G networks. 5G on 5M sites – China has over 4.486 million 5G sites; 5G now comprises more than 35% of total mobile base stations.

How many 5G base stations are there?

Local carriers deployed a total of 235,000 5G base stations in the first five months of the year; 5G mobile stations currently account for 35.3% of the total number of mobile base stations in the country.

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.



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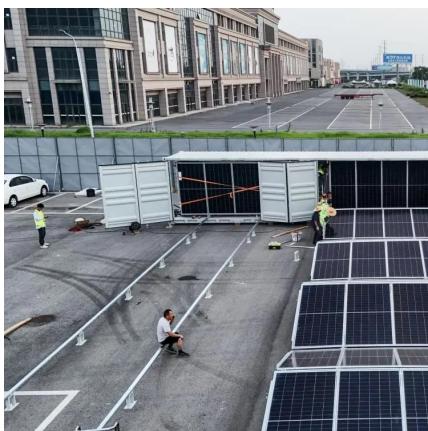


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[China sees strong growth in 5G base stations](#)

Dec 5, 2025 · China witnessed substantial growth in the number of 5G base stations this year, according to the latest data from the Ministry of Industry and Information Technology. As of the ...



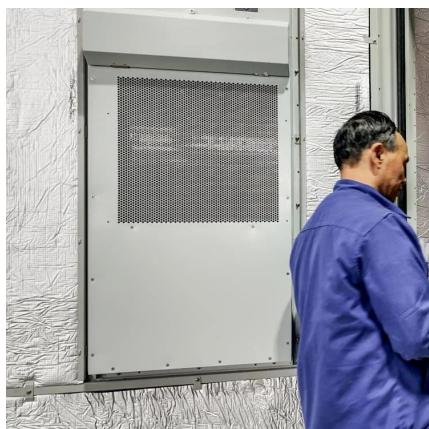
[Ambitious 5G base station plan for 2025](#)

Nov 23, 2025 · China aims to build over 4.5 million 5G base stations next year and give more policy as well as financial support to foster industries that can define the next decade, the ...



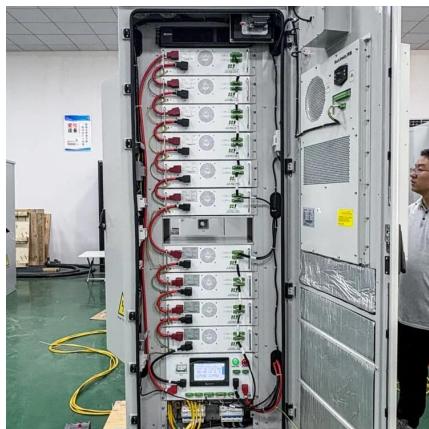
[China's Super Grid: Huawei 5G Enables a World-leading Power Grid](#)

Looking ahead, employees of China Southern Power Grid are fully optimistic: "Our Chinese power grid workers bring lights to numerous households in China and built the world's first ...



[China has more than 3.8 million 5G base stations](#)

Jun 28, 2024 · China's 5G base stations account for 60 percent of the global total, Zhao added. In China, more than half of all mobile phone users are 5G users, Zhao told MWC Shanghai. ...



[Guangdong Takes the Lead in 5G, Digital Power Grid ...](#)

Jan 27, 2021 · The station, featuring 5G base stations and charging piles, is based on the internet of things and can recognize vehicles automatically through a smart 5G monitoring system. The ...



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[China home to 4.4 mln 5G base stations: ministry](#)

Apr 18, 2025 · The number of 5G base stations in China has topped over 4.39 million by the end of March, with the user penetration rate reaching 75.9 percent, the Ministry of Industry and ...

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