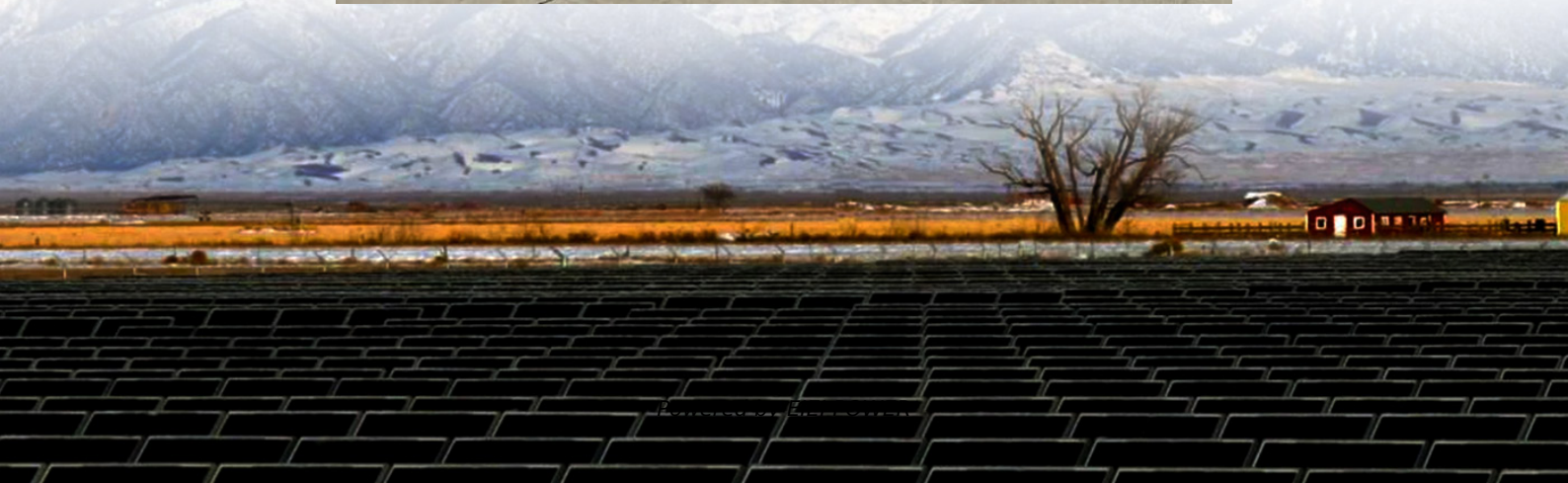


# **Government subsidies for electricity charges for 5G base stations**





## Overview

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What is the 5G subsidy scheme?

Launched in July 2025 and managed by the Office of the Communications Authority ("OFCA"), the Subsidy Scheme to Extend 5G Coverage in Rural and Remote Areas ("Scheme") provides financial support to MNOs.

How much does a 5G base station cost?

Setting up a 5G base station is expensive, with costs ranging from \$100,000 to \$200,000 per site. This price includes hardware, installation, site rental, and maintenance. Urban areas often have higher costs due to land prices and infrastructure challenges.

How much does 5G infrastructure cost?

The total cost of 5G infrastructure is staggering, with projections estimating that telecom companies will spend over \$2 trillion globally by 2030. This includes investments in spectrum, network densification, fiber backhaul, energy-efficient infrastructure, and emerging technologies such as AI and automation.

What is a radio base station subsidy & how does it work?

Under this Scheme, subsidies are reimbursed, subject to a cap, to help install new radio base stations ("RBS") at about 50 sites across different districts. These sites will be situated in country parks, outlying islands and other rural and remote areas, significantly enhancing mobile communications services in these regions.



## Government subsidies for electricity charges for 5G base stations



### [5G Infrastructure Costs: What Telcos Are Paying](#) PatentPC

How much does 5G infrastructure cost? See what telecom providers are investing in towers, spectrum, and network expansion.

### Govt support can resolve 5G base stations' cost challenges: ...

Dec 24, 2019 · 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 ...



### [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 fundamental telecom ...

### [5G Application Policies and Development in China](#)

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Jul 7, 2025 · Under this Scheme, subsidies are reimbursed, subject to a cap, to help install new radio base stations ("RBS") at about 50 sites across ...



### [Shenzhen Subsidizes 5G Deployment: Why Are Governments ...](#)

Sep 23, 2019 · 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 ...



### [China Double Hundred Projects: Subsidies for 5G+Storage ...](#)

Why Does 5G-Storage Synergy Need Policy Catalysts? As China accelerates its Double Hundred Projects initiative, a critical question emerges: How can strategic subsidies bridge the \$12 ...



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

Dec 28, 2024 · 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 ...

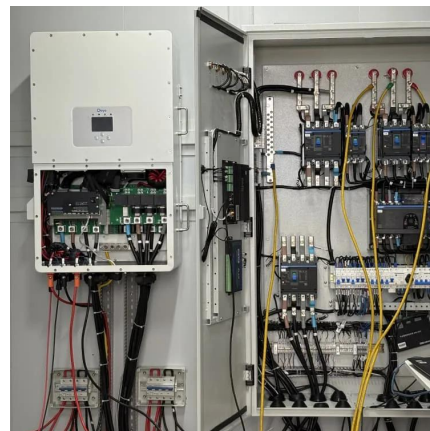


### **Subsidy Scheme to Extend 5G Coverage in Rural and Remote ...**

Jul 7, 2025 · Under this Scheme, subsidies are reimbursed, subject to a cap, to help install new radio base stations ("RBS") at about 50 sites across different districts. These sites will be ...

### **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 ...



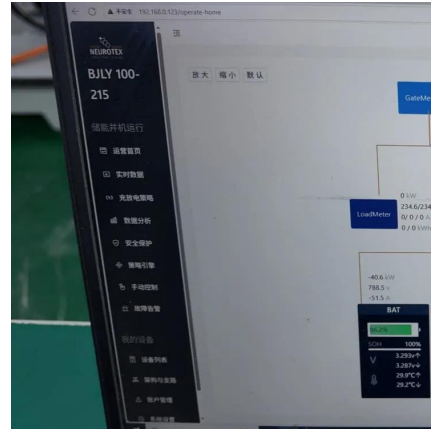
### [Shenzhen Subsidizes 5G Deployment: Why ...](#)

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## Electricity subsidies for mobile companies to build 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 fundamental telecom



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