

Vietnam Electricity 5g Base Station





Overview

How many 5G stations are there in 2025?

According to the Ministry of Science and Technology , as of early May 2025, network operators have installed 11,591 5G base transceiver stations (BTS), equivalent to 7.72% of 4G stations. About 26% of the population has access to 5G services. According to the plan, the number of 5G stations will gradually increase in the last months of 2025.

What is a 5G base station?

A 5G network base-station connects other wireless devices to a central hub. A look at 5G base-station architecture includes various equipment, such as a 5G base station power amplifier, which converts signals from RF antennas to BUU cabinets (baseband unit in wireless stations).

How much power does a 5G base station use?

Each nation has a different 5G strategy. For 5G, China uses 3.5GHz as the frequency. Then, a 5G base station resembles a 4G system, but it's on a much larger scale. For sub-6GHz in 5G, let's say you have a macro base station. The power levels at the antenna range from 40 watts, 80 watts or 100 watts.

How many 5G BTS stations are there?

Up to now, the whole country has only 11,591 5G BTS stations; 26% of the population has access to 5G services. Network operators plan to speed up the installation of 5G BTS. Photo: VNPT



Vietnam Electricity 5g Base Station



[5G expansion accelerated](#)

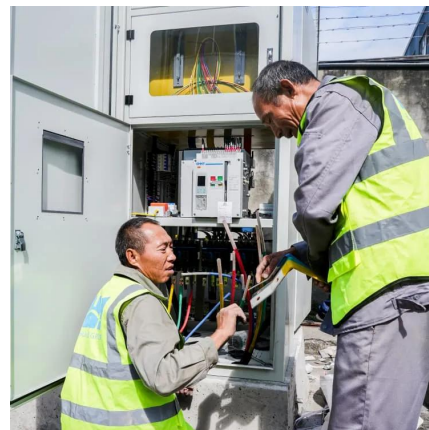
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Vietnam expects to deploy more than 68,000 5G base stations this year alone, equivalent to 57.5% of current 4G stations and sufficient to meet the coverage goal. ...

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Installed 11,591 5G BTS stations, nearly 8% of the number of 4G stations

Network operators plan to speed up the installation of 5G BTS. Photo: VNPT According to information from the Ministry of Science and Technology, as of early May 2025, ...

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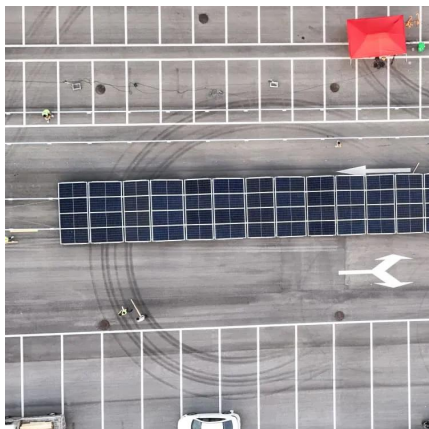
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Vietnam's operators deploy 11,000 5G base stations, with plans to double by 2025 as the country accelerates toward nationwide 5G coverage.



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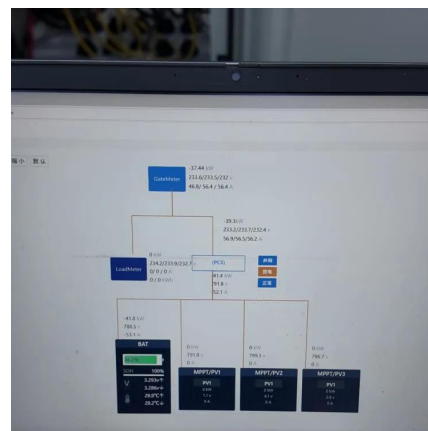
Vietnam's operators deploy 11,000 5G base stations, with plans to double by 2025 as the country accelerates toward nationwide 5G coverage.

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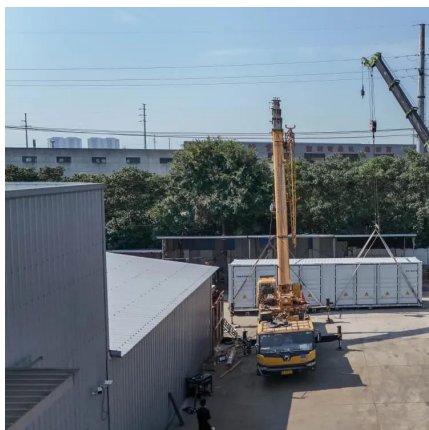
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However, due to the high-frequency bands used for 5G in Vietnam, coverage areas per base station are smaller, requiring telecom providers to deploy more base stations to ...

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VN speeds up 5G infrastructure development

HÀ NOI -- Vietnamese telecom service operators are accelerating the development of 5G infrastructure, part of the effort to achieve the goal of nationwide 5G coverage by 2030. Statistics of the Ministry of ...

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Vietnam targets nationwide 5G rollout by 2025

Vietnam's Ministry of Science and Technology (MOST) has mandated telecom providers to deploy at least 68,457 5G base stations by the end of 2025 -- a figure equivalent to 57.5 per cent of ...

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