

## ContainerPower Energy Solutions

# Vietnam Communications 5G Base Station Density



## Overview

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When should mobile operators deploy 5G in Vietnam?

Further, within 12 months from the date of licensing, at least 30% of the number of base stations must be deployed. In Vietnam, mobile operators are expected to deploy 5G first in areas where 4G networks are no longer capable of meeting demand.

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.

Will 3.5 GHz and 700 MHz bands improve 5G coverage in Vietnam?

and 3.5 GHz bands would help accelerate 5G rollout and facilitate legacy network switch-off in Vietnam. In the case of the 700 MHz band, it would facilitate both increased 5G coverage at the most efficient cost as well as improving in- building penetration. 28 Concurrently, additional.

How will 5G work in Vietnam?

5G services in Vietnam. 3.1 warding additional 5G spectrum at A reasonable prices The release of more spectrum in the 700 MHz and 3.5 GHz bands would help accelerate 5G rollout and facilitate legacy network switch-off in Vietnam.

How many GHz will Vietnam need in the 5G era?

To secure these benefits, markets will need an average of 2 GHz of mid- band spectrum during this decade. Despite the successful auctions of 2.6 GHz and 3.5 GHz, there is still a significant mid-band shortfall in Vietnam, with 660 MHz assigned for mobile services. The 5G era promises to unlock a wealth of new.

What is a good frame structure for 5G in Vietnam?

Thus, the typical approach is to agree to a 3:1 (downlink:uplink) profile. The recommended national frame structure for Vietnam in the future for the 3.5 GHz (n77/78) band is set out below. This frame structure could also be adopted by Viettel and GTel for the 2.6 GHz band for 5G services. 35.

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