

# **The electricity supply price of 5G base stations in Kuala Lumpur has increased**





## Overview

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Why is 5G coverage slowing in Malaysia?

A slower growth of 5G coverage has resulted from Malaysia's delayed entry into the 5G market and contracting delays, which have limited the rate at which 5G base stations may be deployed. This variation in deployment times and coverage may have several effects.

Does Malaysia have 5G?

5G technology provides significantly higher data speeds and lower latency compared to previous generations (Shafinaz, 2017). It is the fifth generation of cellular network technology, and Malaysia began its 5G rollout in 2021. As of June 2023, approximately 62.1% of the country's population has access to 5G (Razak, 2023).

When did Malaysia start implementing 5G?

Although Malaysia began rolling out 5G in 2021, it fell behind these nations in terms of when 5G networks would be implemented and have a sizable population coverage.

How to evaluate a 5G energy-optimised network?

To properly examine an energy-optimised network, it is very crucial to select the most suitable EE metric for 5G networks. EE is the ratio of transmitted bits for every joule of energy expended. Therefore, while measuring it, different perspectives need to be considered such as from the network or user's point of view.



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