

## ContainerPower Energy Solutions

# Thailand Communications 5G Base Station Project Bidding



## Overview

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What is the 5G infrastructure market in Thailand?

The 5G Infrastructure market in Thailand is a pivotal component in the country digital transformation. With the rollout of 5G networks, Thailand is poised to experience a significant boost in connectivity, enabling IoT, smart cities, and improved mobile services.

What should Thailand do for 5G and 5g-a development?

It is therefore important for Thailand to maintain momentum and prioritise the following actions for 5G and 5G-A development: — Make at least 300 MHz of spectrum available in the globally harmonised 3.5 GHz band as soon as practicable. Avoid unnecessarily large guard band between mobile and fixed satellite service (FSS).

When did 5G start in Thailand?

Thailand's first 5G spectrum auction was held in February 2020 for frequencies in the 700 MHz, 2.6 GHz and 26 GHz bands. Both AIS43 and TrueMove H44 deployed their 5G networks after the spectrum auction in early 2020, using their newly purchased 2.6 GHz spectrum. DTAC launched 5G services using their 700 MHz spectrum holdings in February 2021.<sup>45</sup>

When was the first 5G spectrum auction held in Thailand?

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How AIS powers Thailand with 5G technology?

AIS powers Thailand with 5G technology through 4 core businesses: mobile phones, high-speed home broadband through AIS Fibre, Enterprise Services

and Digital Services in 5 aspects of video, Cloud, digital payments, the Internet of Things (IoT) and services provided jointly with partners, including new sectors.

How much 5G spectrum should be allocated in Thailand?

Current 5G spectrum assignments in Thailand (excluding legacy IMT holdings)  
Amount of 700 MHz band allocated Amount of 2.6 GHz band allocated Amount of 26 GHz band allocated Each of the operators is recommended to hold The amount of low band allocated is sufficient to support 5G services provision from all service providers.

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