



**EQACC SOLAR**

# **Outdoor Base Station Installation Regulations**



## Overview

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Can a radio base station be installed within a building?

The proposed radio base station installation within building is certified to constitute material change in use which necessitates submission of notification to the Building Authority under BO s25.

Do mobile phones need a base station?

Mobile phones and other mobile devices require a network of base stations in order to function. The base station antennas transmit and receive RF (radio frequency) signals, or radio waves, to and from mobile phones near the base station. Without these radio waves, mobile communications would not be possible.

Does a radio base station need planning permission?

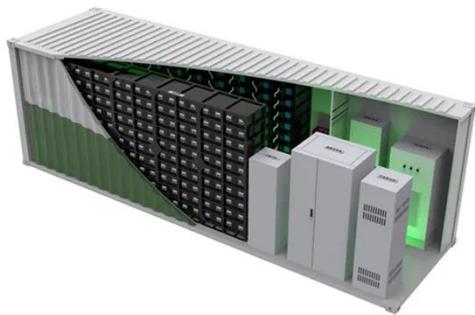
A radio base station not meeting the definition of “Telecommunications Radio Base Station” is considered as a type of “Public Utility Installation”. Whether it will require planning permission from the TPB will depend on the provisions of the concerned statutory plan.

What is a radio base station reconfiguration procedure?

This procedure outlines the application procedure to be followed by the mobile services operators (hereinafter called the “operators”) for the reconfiguration of existing radio base stations NOT involving changes in the structural design and planning perspective of the parent building, and the change of land use.

## Outdoor Base Station Installation Regulations

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### Office of the Communications Authority

In order to provide extensive mobile network coverage with high-speed and high-capacity data transmission to meet the demand of various innovative applications, MCFs ...

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## Guidelines for Installation of Radio Base Stations ...

"The spectrum that falls within the 3.4 - 3.6 GHz band shall not be used by the licensee to provide service through any base station located within the restriction zones ...

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### Public Telecommunications- NATIONAL COMMUNICATIONS

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Regulations for Administration of Base Stations of Mobile Communications Network Businesses Chapter 1 General Provisions Article 1 These Regulations are promulgated pursuant to ...



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## Mobile communication base station

Outdoor cabinet solution with base station equipment, power supply equipment, lead-acid batteries, temperature control system, transmission and other ancillary equipment. The ...

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## Regulations for Administration of Base Stations of ...

Base station: the equipment established on the land with radio communications links used to communicate among mobile stations or between mobile stations and non-mobile ...

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## 5G Mobile Communication Base Station Electromagnetic ...

The article 35 of the Regulations stipulates that "for the establishment of large-scale wireless radio stations (stations) and ground public mobile communication BS, their ...

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## GUIDANCE NOTE FOR SUBMISSION OF APPLICATIONS BY

3. For installation of new radio base



stations and reconfiguration of existing radio base stations involving changes in the structural design and planning perspective of the parent ...

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## Installation of Base Stations and Radiation Safety

The rollout of 5G services needs the establishment of an extensive network of radio base stations and small cells to support very high-speed data transmission and ubiquitous ...

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In order to provide extensive mobile network coverage with high-speed and high-capacity data transmission to meet the demand of ...

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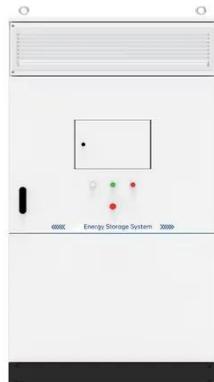
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## Base stations and networks

The antenna output power level is typically between 20 watts and a few hundred watts for an outdoor base station. Television transmitters, by

comparison, have 10-1000 times ...

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## Gateway and Base Station Installation Guide

Installation Planning **IMPORTANT:** This document provides guidelines for the proper placement and installation of Gateways, Base Stations, and the antennas. Failure to ...

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