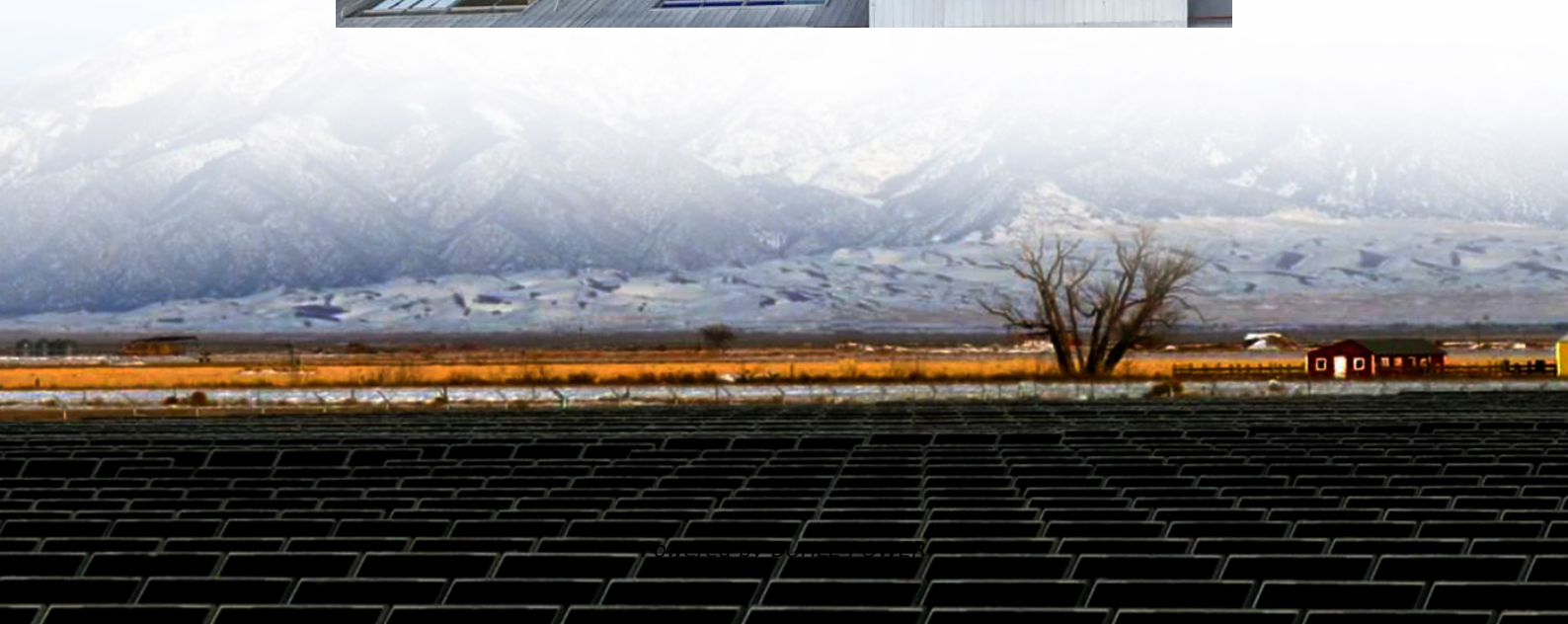


## Base station site





## Overview

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What is a base station in a telecommunications network?

A base station is a critical component in a telecommunications network. A fixed transceiver that acts as the central communication hub for one or more wireless mobile client devices. In the context of cellular networks, it facilitates wireless communication between mobile devices and the core network.

What does a base station do?

A base station connects your phone to the network. It acts as a hub between mobile devices and the core system. Base stations form the backbone of 4G LTE and 5G networks. They provide the coverage you need for calls and data. Base stations enable voice, data, and internet access. They transmit radio signals within a set area.

What is a wireless base station?

A base station represents an access point for a wireless device to communicate within its coverage area. It usually connects the device to other networks or devices through a dedicated high bandwidth wire of fiber optic connection. Base stations typically have a transceiver, capable of sending and receiving wireless signals;.

Where are base stations located?

Base stations are located in various places, including:

1. Rooftops: Base stations are often installed on the rooftops of buildings, especially in urban areas. This provides a good line of sight and coverage for the surrounding area.
2. Towers: Tall towers are commonly used to mount base stations.



## Base station site

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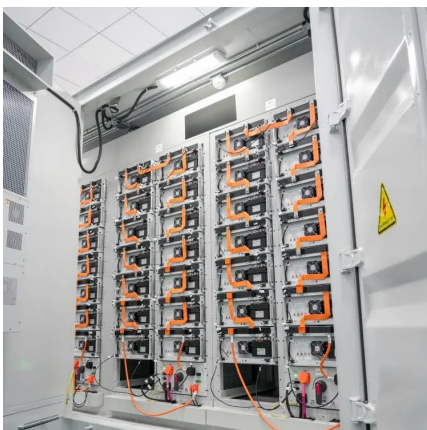
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## Cell site explained

A cell site, cell phone tower, cell base tower, or cellular base station is a cellular -enabled mobile device site where antennas and electronic communications equipment are placed (typically on ...

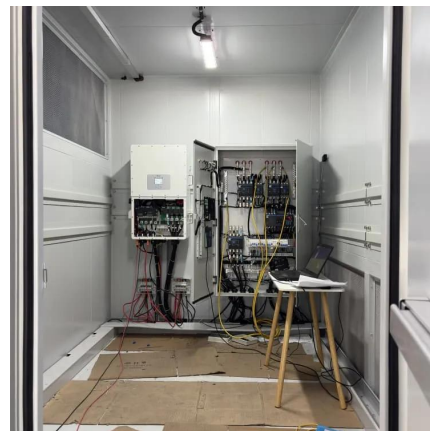


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