

## ContainerPower Energy Solutions

# Wind power operation of communication base stations in the Central African Republic



## Overview

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Can wind energy be used to power mobile phone base stations?

Worldwide thousands of base stations provide relaying mobile phone signals. Every off-grid base station has a diesel generator up to 4 kW to provide electricity for the electronic equipment involved. The presentation will give attention to the requirements on using windenergy as an energy source for powering mobile phone base stations.

What is the telecommunication system in the Central African Republic?

Telecommunications in the Central African Republic includes radio, television, fixed and mobile telephones, and the Internet as well as the postal system. Persistent conflict has hampered telecommunication and media development in the Central African Republic.

How has conflict impacted telecommunication and media development in Central African Republic?

Persistent conflict has hampered telecommunication and media development in the Central African Republic. There are active television services, radio stations, internet service providers, and mobile phone carriers. Radio is the most-popular communications medium.

What radio stations are in Bangui?

In Bangui, UN-sponsored Radio Ndeke Luka ("bird of luck") provides balanced output, and rebroadcasts international news programming. Other radio and TV stations are run by the state-run Radiodiffusion-Television Centrafricaine and provide little coverage of the political opposition.

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