

Title: Communication base station power control

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Acting as a middleman, the BSC manages the radio resources and power levels between your mobile phone and the larger network. As part of the telecommunication infrastructure, BSCs ...

To enhance system efficiency and establish green wireless communication systems, this paper investigates base station sleeping and power allocation strategy based on deep reinforcement ...

The phrase "communication batteries" is often applied broadly, sometimes including handheld radios, emergency devices, or general-purpose backup batteries. In practice, when ...

Abstract: With the maturity and large-scale deployment of 5G technology, the proportion of energy consumption of base stations in the smart grid is increasing, and there is an urgent need to reduce ...

In this article, an algorithm for automatic control of energy sources was developed to improve the uninterrupted power supply of mobile communication base stations. Based on the proposed ...

This device is designed to automatically control multiple power sources of a mobile communications base station. This device can automatically control energy supply sources such as local power grids, ...

The power parameters of the communication base station can be monitored in real time by installing smart meters, sensors, and other equipment, such as voltage, current, power, electric ...

The created device allows for rapid response to outages at base stations, management of supply sources based on their status, and monitoring of them, thereby increasing the reliability of energy ...

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