

Communication with the base station after shutdown

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The present invention adaptively adjusts the shutdown and startup state of a base station in a sub-area within an area, so that the power consumption can be reduced without causing...

Upon a carrier shutdown decision, the base station gradually reduces its downlink power on the carrier, which forces users to attach to a different carrier or base station.

For telecom base stations, uninterrupted power is not optional--it's the lifeline of connectivity. Through the right configuration, strict maintenance, and intelligent control, EverExceed ...

In the communication power supply field, base station interruptions may occur due to sudden natural disasters or unstable ...

The simulation results show that the proposed algorithm can improve the EE of the heterogeneous network and promptly meet the users' needs when some BSs are shut down.

This paper investigates the demand response potential within base stations, focusing on AAU module shutdown and connection adjustments as strategies to balance ...

Since the base stations cover the largest part of the energy consumption in a mobile network, this White Paper details various techniques for automatic wake-up/sleep modes including ...

This paper investigates the energy-saving problem in a multi-base stations (BSs) scenario, incorporating BS deep sleep on a large time scale and symbol shutdown and power ...

ge of communication flow is proposed. In addition, the model of a base station standby battery responding grid

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scheduling is established. The simulation results show that the standby battery...

To further explore the energy-saving potential of 5 G base stations, this paper proposes an energy-saving operation model for 5 G base stations that incorporates ...

In the communication power supply field, base station interruptions may occur due to sudden natural disasters or unstable power supplies. This work studies the optimization of ...

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