Power Base Station Coordination Case

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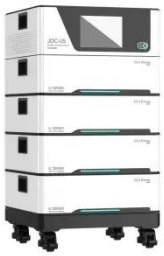

Base station power control strategy in ultra-dense networks via deep

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

Resilience enhancement strategies for distribution networks ...

In recent years, the increasing frequency of extreme natural disasters has significantly exposed the vulnerability of distribution networks. To address this challenge, this study proposes a

Combined Base Station Association and Power Control in ...

We propose a distributed algorithm for the combined base station association and power control problem, and subsequently model the problem as a player-specific congestion game.

Collaborative optimization of distribution network and 5G base stations

In this paper, a distributed collaborative optimization approach is proposed for power distribution and communication networks with 5G base stations. Firstly, the model of 5G base ...

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the present disclosurerelates generally to wireless communications, and more particularly to coordinating transmission power for small-coverage base stations deployed in a wireless

Base Station Coordination Scheme for Multi-tier Ultra-dense ...

B. Special Case: Performance Analysis for Rayleigh Fading Channel scenario, with the RRLP-based CoMP transmission, for a special case. Here, we assume p(L)(x) = 0, i.e., all BSs in the network are ...

A Power Control and Intervention Algorithm for Co-

Existing IMT Base

To address these needs, this paper first presents an interference analysis method to calculate the interference received by satellite systems from IMT-2020.

On the Need for Coordination Among Base Stations in a ...

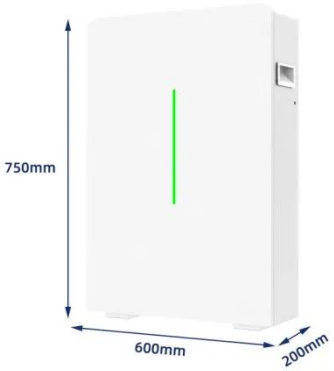
In this paper, we presented a flow-based unified optimization framework for the joint optimization of resource allocation, user scheduling and user association under the optimal ON-OFF transmission ...

Coordinated scheduling of 5G base station energy storage for voltage

To enhance the utilization of base station energy storage (BSES), this paper proposes a co-regulation method for distribution network (DN) voltage control, enabling BSES participation in ...

A Coordinated Energy Management Method For 5G Base Station ...

The increasing operation expenses (OPEX) of 5G base stations (BS) necessitates the efficient operational management schemes, among which one main approach is to



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