Base station power energy saving profit sharing

This paper studies the cooperative base station switching-off for multiple mobile network operators (MNOs) in multiple-input single-output (MISO) networks.

As price takers, the shared energy storage power station and renewable energy stations accept the integrated scheduling of the power grid to achieve the sharing and profitability of energy ...

Looking ahead, several emerging trends are poised to reshape the profit-sharing landscape of energy storage power stations.

This article first proposes a dynamic base station switching framework based on deep reinforcement learning (DRL), which optimizes the power consumption of switching BSs.

We investigate the problem of base station (BS) ON-OFF switching, user association, and power control in a heterogeneous network (HetNet) with massive MIMO, aiming to turn off under ...

A joint load control based on energy sharing and dynamic on/off switching of a small base station is investigated in to reduce the grid power and efficiently utilize the renewable energy ...

This paper studies the energy-efficient cooperative base station (BS) switching-off in multi-input single-output (MISO) cellular networks, where the roaming-cost-based cooperation and the ...

This paper presents a cooperation framework for sharing base stations (BSs) among a number of collocated radio-access networks (RANs) for improving energy efficiency (EE) and is the first for ...

B. Yanan, W. Jian, Z. Sheng, and N. Zhisheng, "Bayesian mechanism based inter-operator base station sharing for energy saving," in Proceedings of IEEE ICC, 2015.

The strategic benefits and compelling evidence presented in this study strongly support the widespread adoption of centralized ESS models to maximize both economic and environmental ...

Web: https://www.kgangkgologrp.co.za