

If something is high, it is a long way above the ground, above sea level, or above a person or thing. I looked down from the high window. The bridge was high, jacked up on wooden piers. The sun was ...

To address the problem of DC bus voltage fluctuations that affect the accuracy of output voltage and current, a high-accuracy bus voltage control strategy is based on nonlinear extended ...

High (adjective, informal): Intoxicated by drugs or alcohol. The word "high" is a versatile term with multiple meanings and applications, spanning physical elevation, emotional states, and ...

In this paper, a DC bus voltage control method based on managing the energy stored in the bus capacitor is proposed for a photovoltaic system that can operate either connected to the grid or in ...

Reaching high into the sky; very high or tall. Also figurative. Measuring a great distance from top to bottom; extending far upward; lofty, tall. Also: rising considerably from a surface (cf. high ...

Current common bus load forecasting methods use statistical modeling of historical data, ignoring many influencing factors and differences in load variation cha

high adjective (IMPORTANT) B2 having power, an important position, or great influence: an officer of high rank

The algorithm addresses the challenges of high voltage-DC bus connections, ensuring safe operation while maximizing the use of available renewable energy. Simulation and experimental results ...

High definition: Far or farther from a reference point.

This paper presents an evaluation of an optimal DC bus voltage regulation strategy for grid-connected photovoltaic (PV) system with battery energy storage (BES).

Hence, this paper systematically examines the impacts of imbalance on the DVS of medium-voltage DNs with high PV penetrations first. The degree of unbalance is defined, and then ...

Definition of high adjective in Oxford Advanced American Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

Abstract--This paper proposes a fast, selective, reliable, and local bus primary relaying algorithm for high-voltage direct current (HVDC) grids. The proposed relaying algorithm only uses measurements ...

Existing techniques to restore voltage in DC microgrids are commonly centralized and rely on a secondary control layer. This layer senses the DC bus voltage, compares it to the nominal ...

high implies marked extension upward and is applied chiefly to things which rise from a base or foundation or are placed at a conspicuous height above a lower level.

This paper presents a new charging algorithm designed to prevent and mitigate the BESS degradation, assuring high charging efficiency when it is integrated into the microgrid and directly ...

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