NARI Microgrid

In recent years, the microgrid has rapidly developed because of its advantages, such as easy integration of distributed renewable energy and flexibility in operation. The megawatt (MW) ...

A microgrid, regarded as one of the cornerstones of the future smart grid, uses distributed generations and information technology to create a widely distributed automated energy delivery network..

NARI has developed the first domestic MW-scale microgrid system, which can provide spinning, supplementary and frequency regulation reserves by demand response. To expand the ...

The microgrid in the active distribution network is mainly composed of Distributed Generation (DG) units, mainly including renewable energy power generation (PV, WT) and ES ...

Research team of future distribution network/microgrid construction mechanism and operation technology of NARI Group Research Institute (National Key Laboratory of Power Grid ...

Under this circumstance, we have developed a hierarchical coordinated control strategy for optimized operation of different-size and different-type microgrids. To be specific, in microgrid ...

The research of this group is focused on the power system and smart grid technologies, including the analysis and control of the power system with high renewable energy penetration, distributed ...

This paper proposes a method for analyzing the resilience metric of new energy grid-connected microgrid system, and proposes optimization strategies to improve resilience. Firstly, a ...

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