

High penetration of Renewable Energy Resources (RESs) introduces numerous challenges into the Microgrids (MG), such as supply-demand imbalance, non-linear loads, voltage ...

Sergio Orlando¹, Oleksij Chumak, Petr Kopejtko¹, Stefan Costea¹ 1EATON European Innovation Center, Prague, Czech Republic, sergioorlando@eaton 050 Design and control strategy of an AC/DC ...

ComAp specializes in smart power control solutions for microgrid applications, offering products that enhance energy management and support the transition to renewable energy sources.

Effective control systems are essential for ensuring smooth integration, managing energy storage systems, and maintaining microgrid safety. In this study, a review of recent control methods ...

This time, Prague will see us showcasing our smart control solutions for hybrid microgrids - the advanced IntelliNeo controller, along with the IntelliNeo 530 BESS, designed for seamless ...

Turnkey microgrid control solutions include electrical system protection, cybersecurity, real-time controls, integration with existing infrastructure, and more.

This article aims to provide a comprehensive review of control strategies for AC microgrids (MG) and presents a confidently designed hierarchical control approach divided into ...

Microgrid Engineering Conferences in Prague 2026 2027 2028 is for the researchers, scientists, scholars, engineers, academic, scientific and university practitioners to present research activities ...

The program, supported by industry-leading partner EMerge Alliance and powered by the Smart Electric Power Alliance (SEPA) and the Solar Energy Industries Association (SEIA), will highlight the role ...

Web: <https://www.idsolar.co.za>