Special Session on
Microgrid Building Blocks – Concepts, Architectures, Models, and Impacts on Microgrids Deployment

Organized and co-chaired by:
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Call for Papers

Technical Outline of the Session and Topics:
Microgrid Building Blocks (MBB) were recently proposed as ready-to-use components for building microgrids quickly, cheaply, and modularly. This concept is far from mature, and not much work has been done addressing their architectures, models, and technical-economic analysis, among others. This special session's goal is to bring together researchers and industries that are working on this topic, turning it into a forum that can not only provide a landscape but also discuss the gaps in the area and future directions.

Topics of the Session include, but are not limited to:
- Microgrid Building Blocks (MBB) Concepts
- MBB control, communication, and power converter architectures
- MBB models and simulation
- MBB hardware-in-the-loop and control hardware-in-the-loop demonstration
- MBB hardware demonstration
- MBB cost-benefit analysis

Author’s schedule:
- Deadline for submission of special session papers: April 15, 2024
- Notification of acceptance: June 10, 2024
- Deadline for submission of final manuscript: July 01, 2024
- Early submission is highly encouraged for early decision notifications!

All the instructions for paper submission are included in the conference website: www.iecon-2024.org